

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110521\
 Data File : VD070928.D
 Acq On : 05 Nov 2021 16:20
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 06 23:28:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110521S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 06 23:24:21 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	416643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	740917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	645651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	279507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	505710	116.455	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 232.900%#			
35) Dibromofluoromethane	7.908	113	464895	96.747	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 193.500%#			
50) Toluene-d8	10.332	98	1798794	99.564	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 199.120%#			
62) 4-Bromofluorobenzene	12.620	95	657852	108.088	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 216.180%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	464056	116.872	ug/l	99
3) Chloromethane	2.209	50	462592	87.958	ug/l	99
4) Vinyl Chloride	2.350	62	463678	80.582	ug/l	98
5) Bromomethane	2.762	94	283299	69.472	ug/l	98
6) Chloroethane	2.915	64	294707	82.684	ug/l	89
7) Trichlorofluoromethane	3.268	101	863405	113.975	ug/l	96
8) Diethyl Ether	3.709	74	237182	113.541	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.091	101	501686	104.174	ug/l	96
10) Methyl Iodide	4.297	142	607266	144.019	ug/l	98
11) Tert butyl alcohol	5.220	59	149600	613.667	ug/l	100
12) 1,1-Dichloroethene	4.062	96	478381	113.679	ug/l	82
13) Acrolein	3.926	56	47873	261.188	ug/l	96
14) Allyl chloride	4.709	41	1032382	148.406	ug/l #	83
15) Acrylonitrile	5.414	53	511786	513.031	ug/l	97
16) Acetone	4.156	43	583345	577.461	ug/l #	87
17) Carbon Disulfide	4.409	76	1561686	106.321	ug/l	98
18) Methyl Acetate	4.715	43	386479	111.864	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	1162644	128.161	ug/l	99
20) Methylene Chloride	4.962	84	533811	80.175	ug/l	89
21) trans-1,2-Dichloroethene	5.467	96	547399	110.684	ug/l #	80
22) Diisopropyl ether	6.361	45	1848677	132.092	ug/l	96
23) Vinyl Acetate	6.297	43	4344819	672.104	ug/l	96
24) 1,1-Dichloroethane	6.256	63	1065938	115.040	ug/l	99
25) 2-Butanone	7.203	43	700795	564.831	ug/l #	88
26) 2,2-Dichloropropane	7.203	77	969229	127.736	ug/l	95
27) cis-1,2-Dichloroethene	7.208	96	613011	114.830	ug/l	90
28) Bromochloromethane	7.538	49	397110	109.699	ug/l	90
29) Tetrahydrofuran	7.556	42	438616	584.539	ug/l	93
30) Chloroform	7.703	83	1031136	111.268	ug/l	100
31) Cyclohexane	7.979	56	1030636	118.463	ug/l	99
32) 1,1,1-Trichloroethane	7.897	97	947601	118.405	ug/l	95
36) 1,1-Dichloropropene	8.108	75	826245	108.030	ug/l	98
37) Ethyl Acetate	7.285	43	311779	106.750	ug/l #	93
38) Carbon Tetrachloride	8.091	117	812989	105.348	ug/l	99
39) Methylcyclohexane	9.350	83	1039396	116.548	ug/l	97
40) Benzene	8.344	78	2188918	99.936	ug/l	98

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Manual Integrations
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Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	206126	127.658	ug/l #	73
42) 1,2-Dichloroethane	8.414	62	656650	112.475	ug/l	95
43) Isopropyl Acetate	8.444	43	666934	119.783	ug/l	91
44) Trichloroethene	9.108	130	588382	102.268	ug/l	95
45) 1,2-Dichloropropane	9.379	63	573393	98.315	ug/l	97
46) Dibromomethane	9.467	93	271355	94.583	ug/l	95
47) Bromodichloromethane	9.655	83	780825	104.144	ug/l	97
48) Methyl methacrylate	9.450	41	341419	127.672	ug/l #	82
49) 1,4-Dioxane	9.455	88	56275	1821.531	ug/l	90
51) 4-Methyl-2-Pentanone	10.220	43	1550532	542.489	ug/l	92
52) Toluene	10.397	92	1396928	105.649	ug/l	95
53) t-1,3-Dichloropropene	10.614	75	743283	111.957	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	881635	108.319	ug/l #	79
55) 1,1,2-Trichloroethane	10.791	97	353917	87.717	ug/l	94
56) Ethyl methacrylate	10.655	69	509316	111.008	ug/l #	76
57) 1,3-Dichloropropane	10.938	76	661203	96.386	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	1161480	571.068	ug/l	99
59) 2-Hexanone	10.973	43	1114238	547.496	ug/l	90
60) Dibromochloromethane	11.132	129	458520	94.014	ug/l	100
61) 1,2-Dibromoethane	11.238	107	353329	94.150	ug/l	99
64) Tetrachloroethene	10.867	164	471497	108.068	ug/l	95
65) Chlorobenzene	11.661	112	1409426	107.682	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	506607	104.626	ug/l	99
67) Ethyl Benzene	11.738	91	2677690	116.762	ug/l	100
68) m/p-Xylenes	11.844	106	1996145	226.324	ug/l	94
69) o-Xylene	12.173	106	946788	117.088	ug/l	93
70) Styrene	12.185	104	1582218	114.163	ug/l	95
71) Bromoform	12.349	173	243533	95.725	ug/l #	99
73) Isopropylbenzene	12.467	105	2550393	133.975	ug/l	100
74) N-amyl acetate	12.279	43	627758	141.611	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	369978	97.822	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	288044m	103.720	ug/l	
77) Bromobenzene	12.749	156	526371	115.839	ug/l	91
78) n-propylbenzene	12.808	91	3124292	129.013	ug/l	99
79) 2-Chlorotoluene	12.896	91	1808195	128.485	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	2122277	132.346	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	127587	119.066	ug/l #	84
82) 4-Chlorotoluene	12.991	91	1874658	128.339	ug/l	97
83) tert-Butylbenzene	13.208	119	1820003	134.665	ug/l	94
84) 1,2,4-Trimethylbenzene	13.255	105	2050182	130.061	ug/l	98
85) sec-Butylbenzene	13.391	105	2703548	128.366	ug/l	99
86) p-Isopropyltoluene	13.502	119	2198926	129.761	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	1028663	110.575	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	1018285	110.026	ug/l	98
89) n-Butylbenzene	13.826	91	2196203	131.259	ug/l	100
90) Hexachloroethane	14.096	117	445196	117.529	ug/l	94
91) 1,2-Dichlorobenzene	13.873	146	882365	110.840	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	64763	112.955	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	569743	121.173	ug/l	98
94) Hexachlorobutadiene	15.249	225	309928	103.020	ug/l	98
95) Naphthalene	15.385	128	1018188	126.173	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	477072	118.175	ug/l	97

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MSVOA_D
ClientSampleId :
VSTDICC100

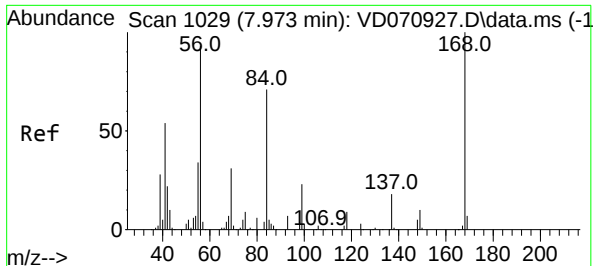
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/10/2021

Quant Time: Nov 06 23:28:51 2021
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Quant Title : SW846 8260
QLast Update : Sat Nov 06 23:24:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



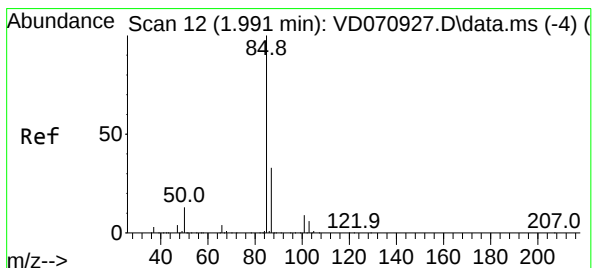
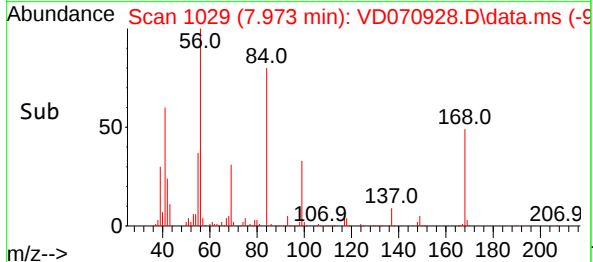
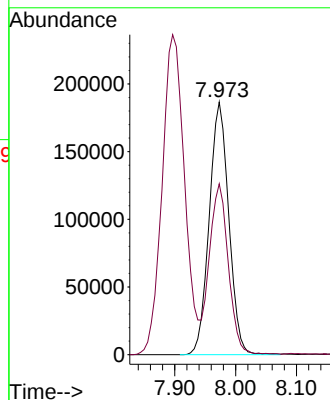
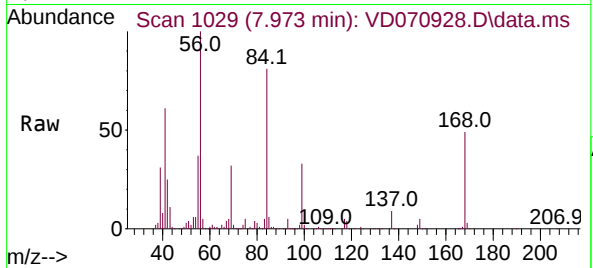
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion:168 Resp: 41664
Ion Ratio Lower Upper
168 100
99 67.3 46.6 69.8

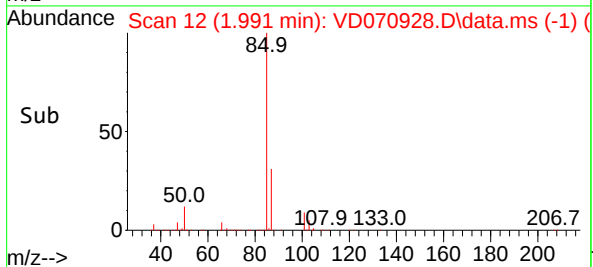
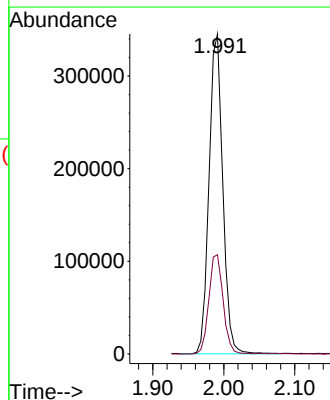
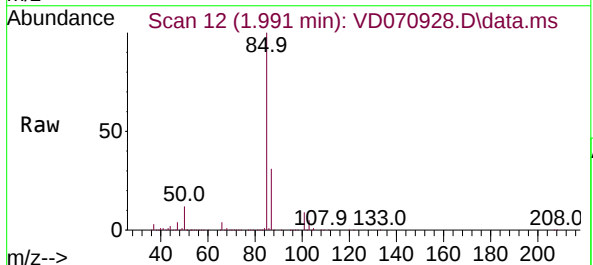
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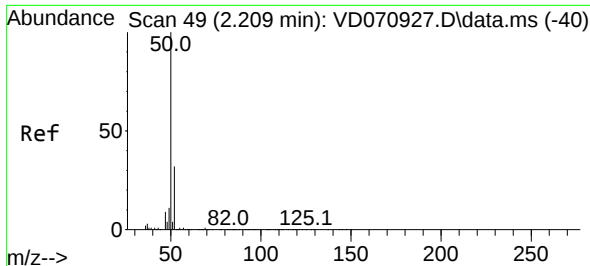
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#2
Dichlorodifluoromethane
Concen: 116.872 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

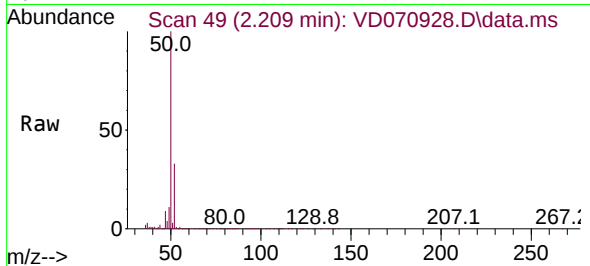
Tgt Ion: 85 Resp: 464056
Ion Ratio Lower Upper
85 100
87 31.0 15.2 45.6





#3
Chloromethane
Concen: 87.958 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

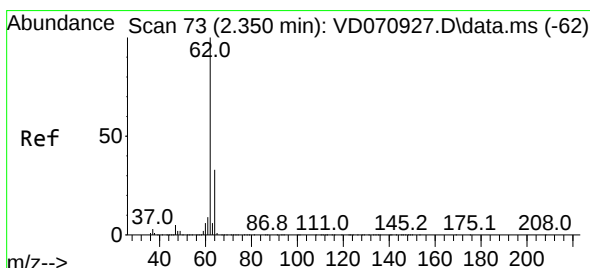
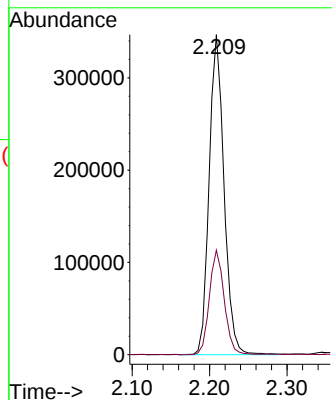
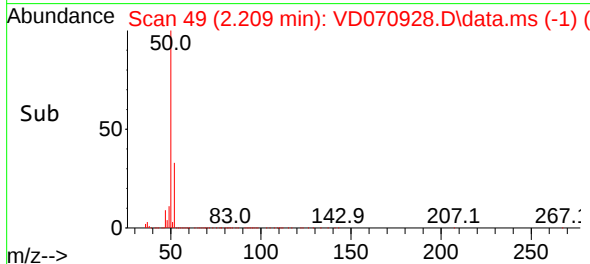
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



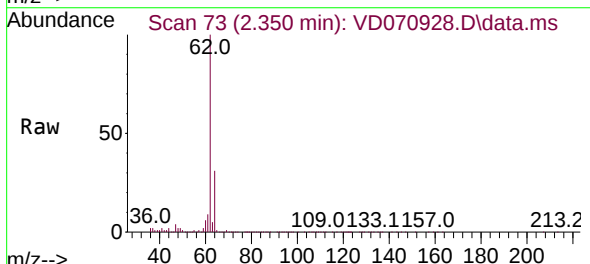
Tgt Ion: 50 Resp: 462592
Ion Ratio Lower Upper
50 100
52 32.6 25.8 38.8

Manual Integrations
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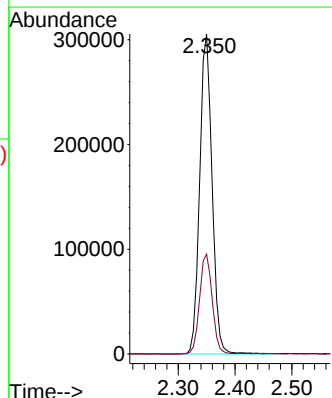
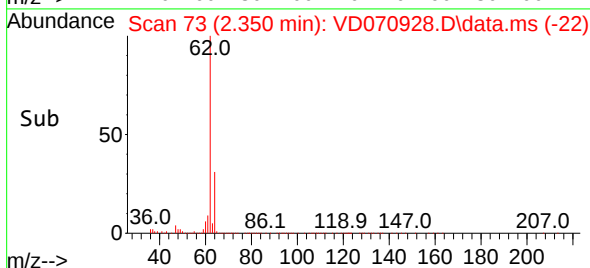
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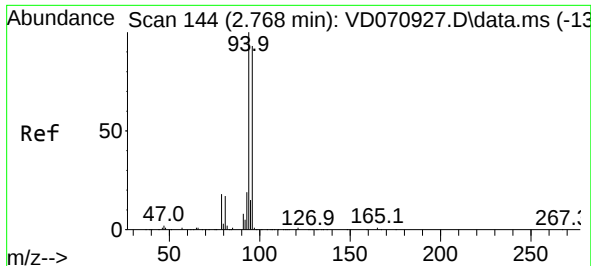


#4
Vinyl Chloride
Concen: 80.582 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20



Tgt Ion: 62 Resp: 463678
Ion Ratio Lower Upper
62 100
64 31.2 26.0 39.0





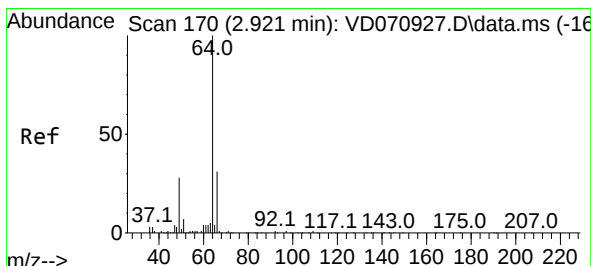
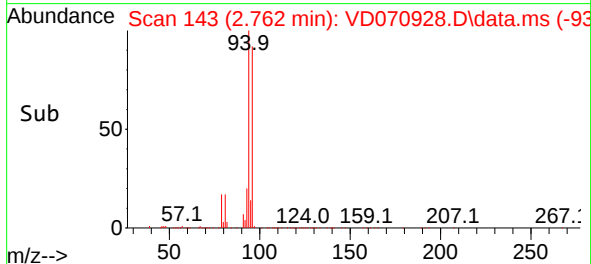
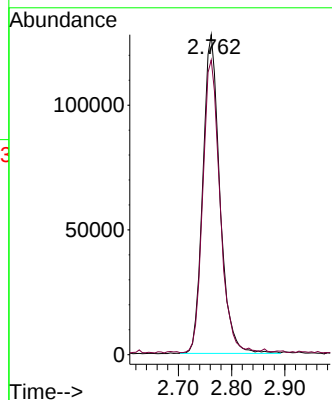
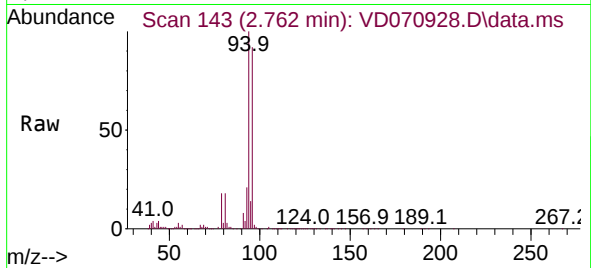
#5
Bromomethane
Concen: 69.472 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 94 Resp: 283299
Ion Ratio Lower Upper
94 100
96 91.8 74.8 112.2

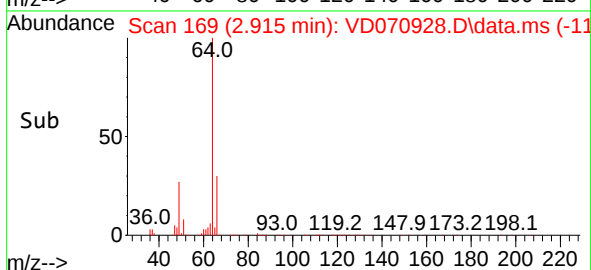
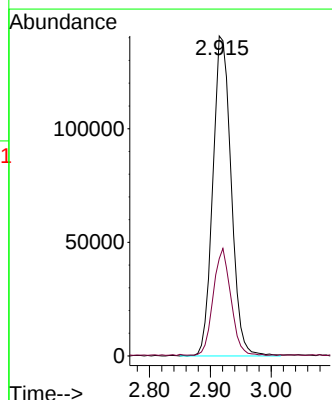
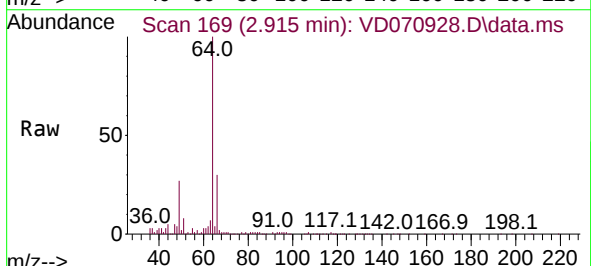
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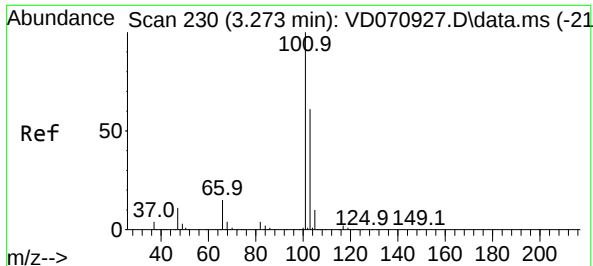
Reviewed By :Vimala Arumugam 11/08/2021
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#6
Chloroethane
Concen: 82.684 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

Tgt Ion: 64 Resp: 294707
Ion Ratio Lower Upper
64 100
66 30.0 29.0 43.4





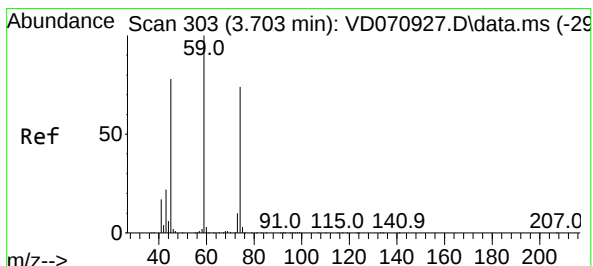
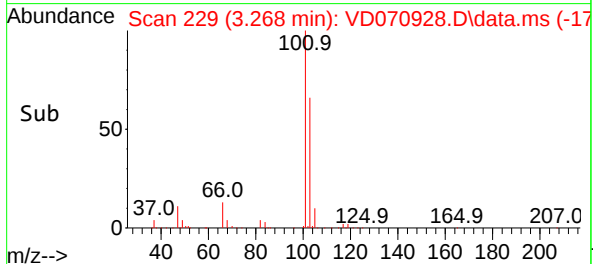
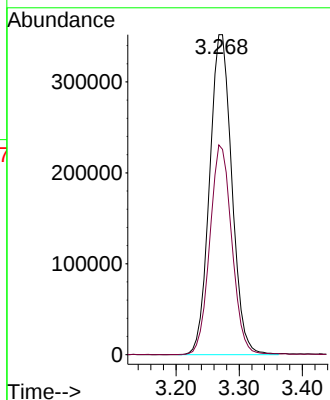
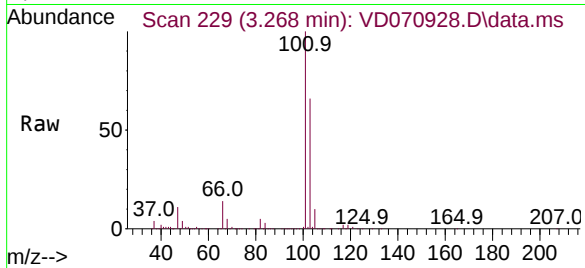
#7
Trichlorofluoromethane
Concen: 113.975 ug/l
RT: 3.268 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 86340
Ion Ratio Lower Upper
101 100
103 65.5 49.7 74.5

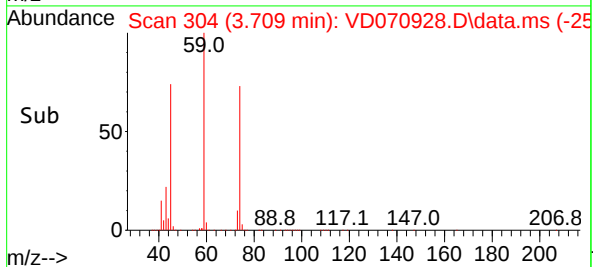
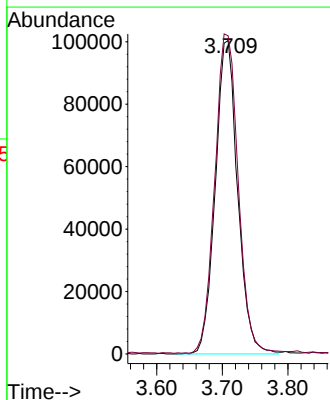
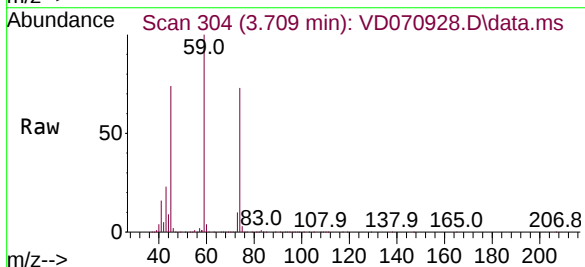
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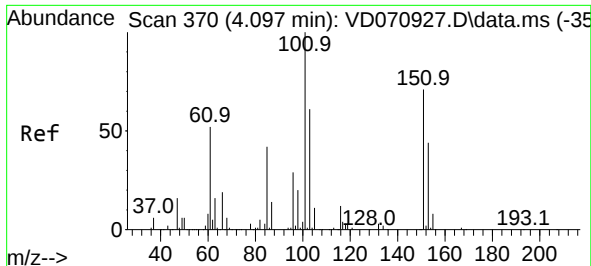
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#8
Diethyl Ether
Concen: 113.541 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.006 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

Tgt Ion: 74 Resp: 237182
Ion Ratio Lower Upper
74 100
45 106.8 49.6 149.0





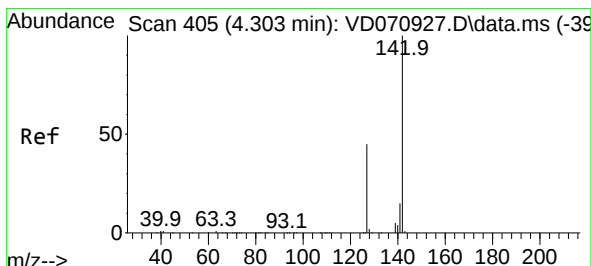
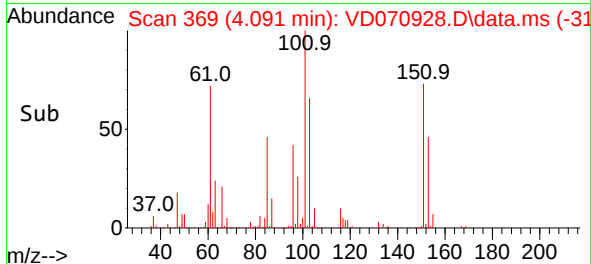
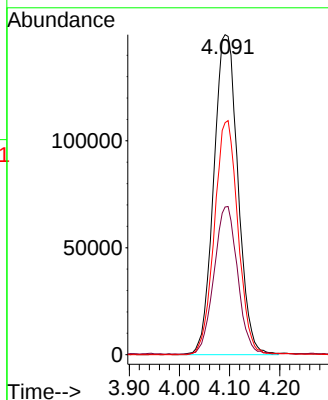
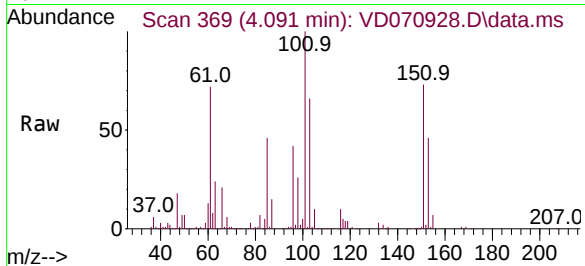
#9
1,1,2-Trichlorotrifluoroethane
Concen: 104.174 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 501680
Ion Ratio Lower Upper
101 100
85 44.7 34.8 52.2
151 71.3 60.4 90.6

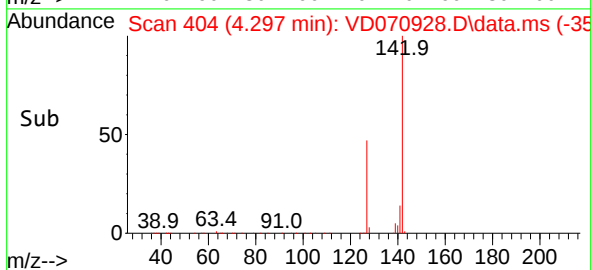
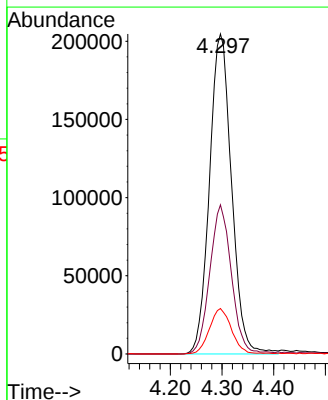
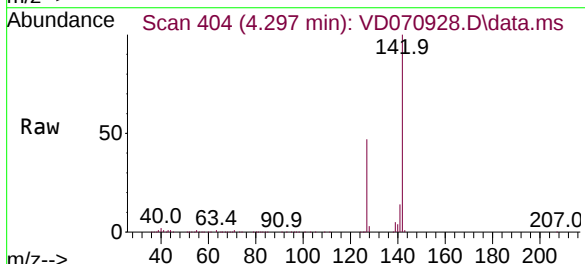
Manual Integrations
APPROVED

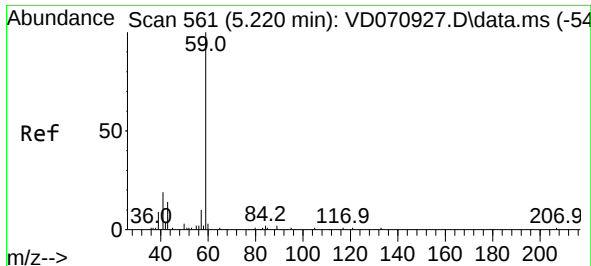
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#10
Methyl Iodide
Concen: 144.019 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

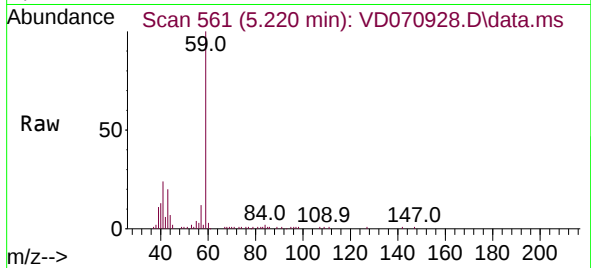
Tgt Ion:142 Resp: 607266
Ion Ratio Lower Upper
142 100
127 45.4 35.0 52.4
141 14.3 12.0 18.0





#11
Tert butyl alcohol
Concen: 613.667 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

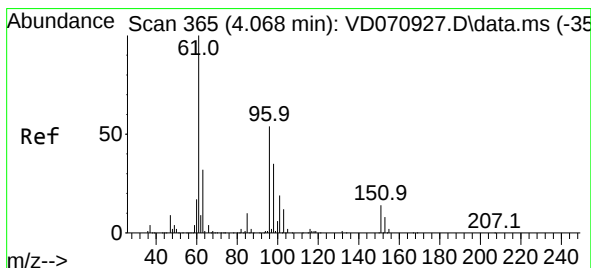
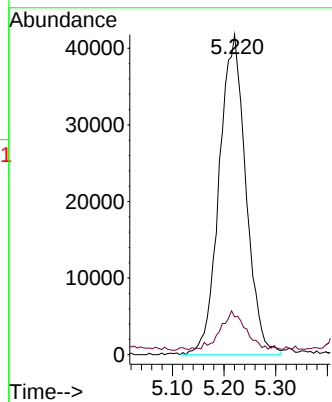
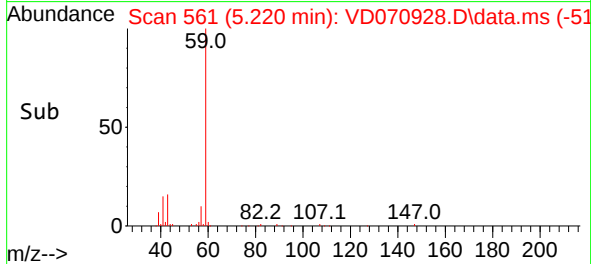
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



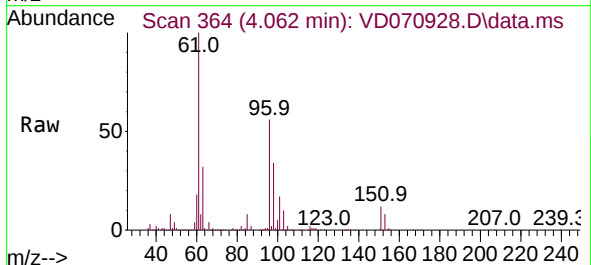
Tgt Ion: 59 Resp: 149600
Ion Ratio Lower Upper
59 100
57 11.0 9.0 13.4

Manual Integrations
APPROVED

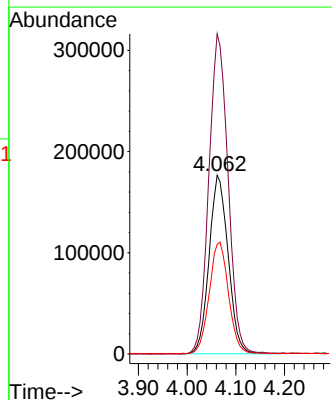
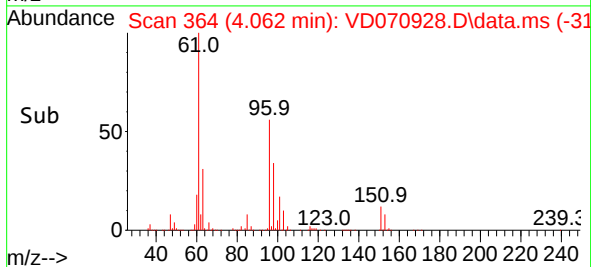
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

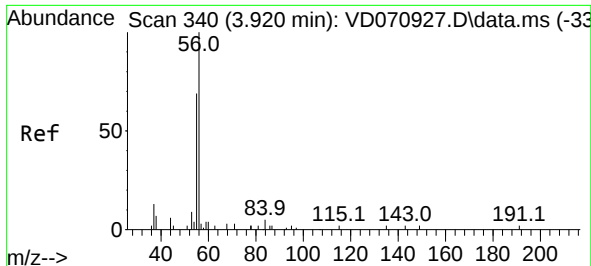


#12
1,1-Dichloroethene
Concen: 113.679 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20



Tgt Ion: 96 Resp: 478381
Ion Ratio Lower Upper
96 100
61 179.4 120.3 180.5
98 61.3 54.4 81.6





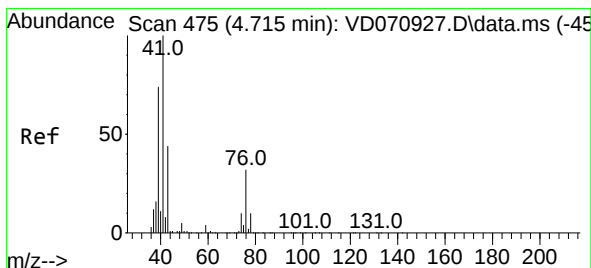
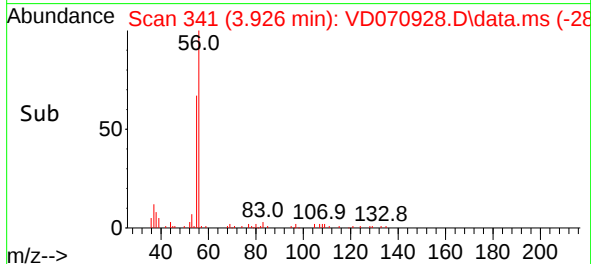
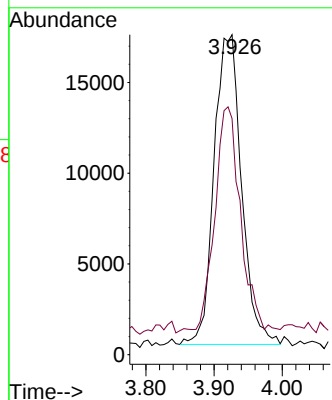
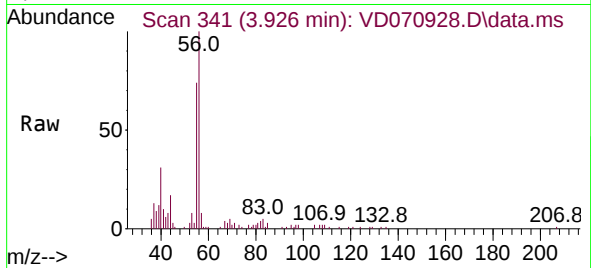
#13
Acrolein
Concen: 261.188 ug/l
RT: 3.926 min Scan# 340
Delta R.T. 0.006 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 4787
Ion Ratio Lower Upper
56 100
55 69.4 58.6 87.8

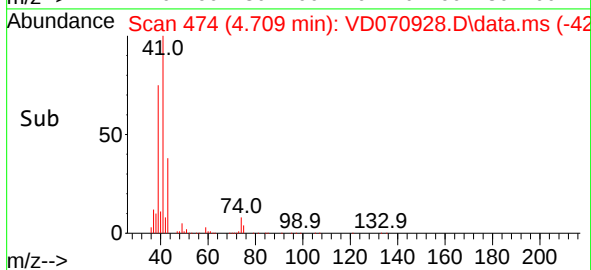
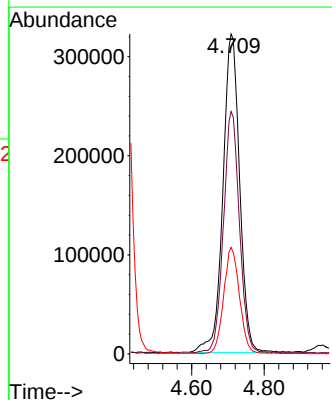
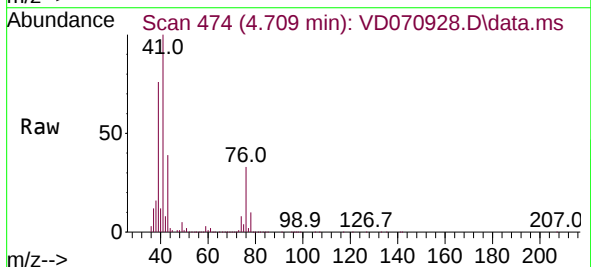
Manual Integrations
APPROVED

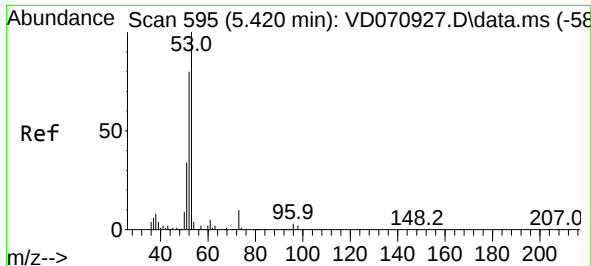
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#14
Allyl chloride
Concen: 148.406 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

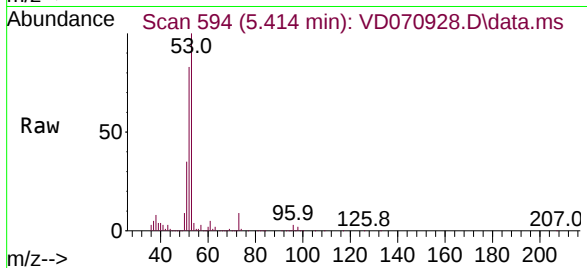
Tgt Ion: 41 Resp: 1032382
Ion Ratio Lower Upper
41 100
39 72.7 45.6 68.4#
76 31.2 30.2 45.4





#15
Acrylonitrile
Concen: 513.031 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

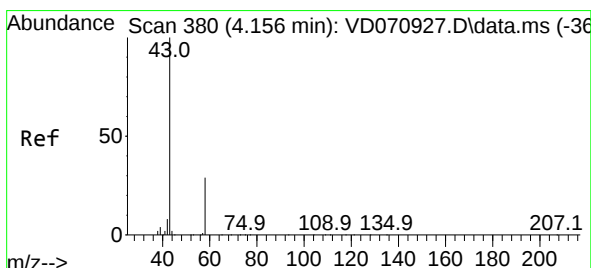
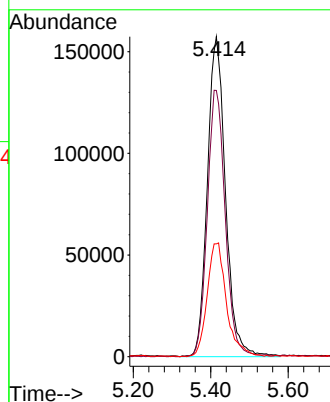
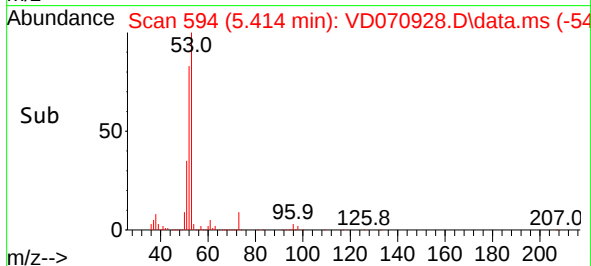
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 511780
Ion Ratio Lower Upper
53 100
52 82.3 63.8 95.8
51 37.9 28.5 42.7

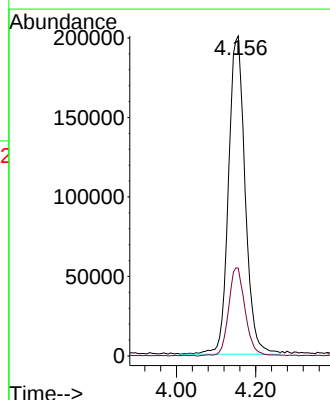
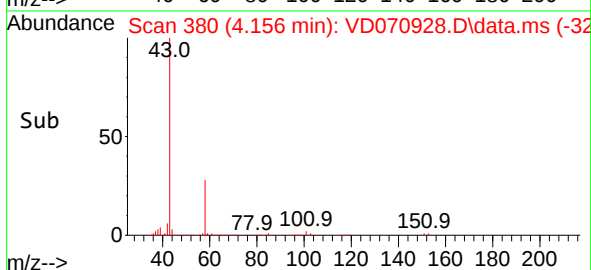
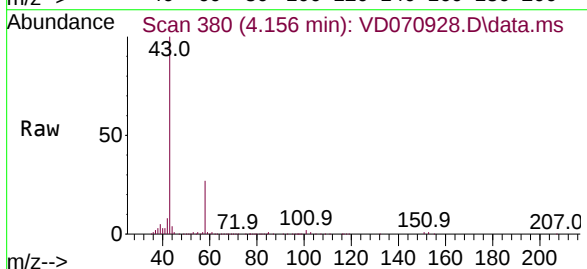
Manual Integrations
APPROVED

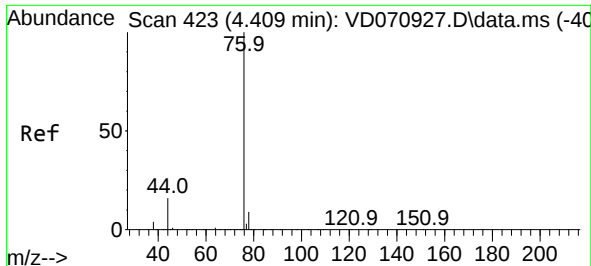
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#16
Acetone
Concen: 577.461 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

Tgt Ion: 43 Resp: 583345
Ion Ratio Lower Upper
43 100
58 27.5 27.8 41.8#





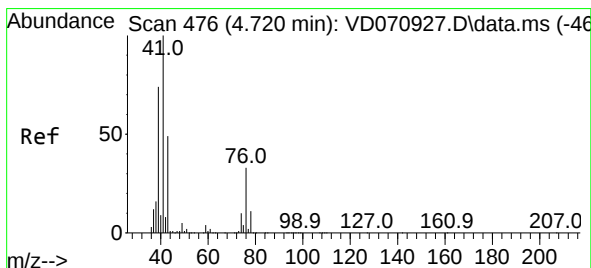
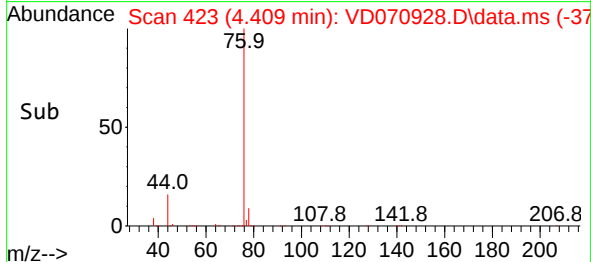
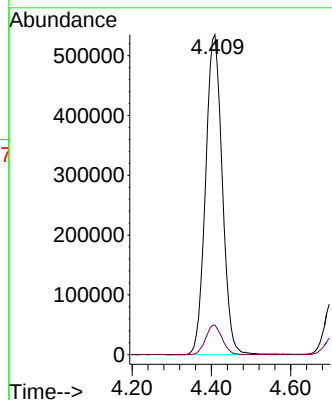
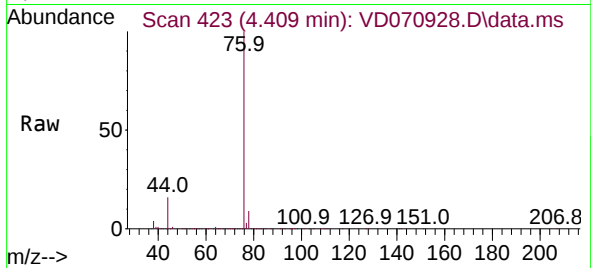
#17
Carbon Disulfide
Concen: 106.321 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 156168
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.8

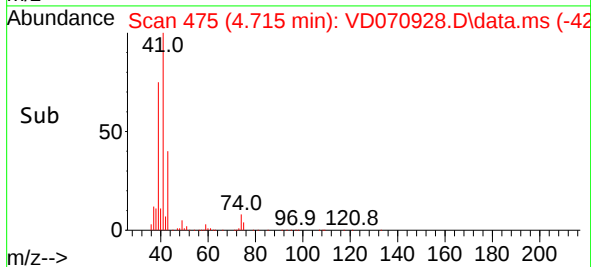
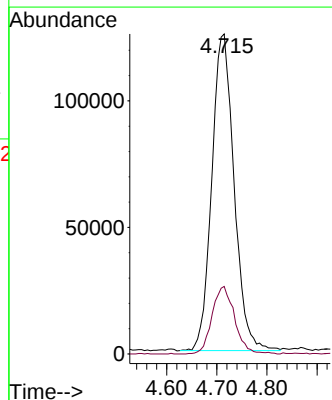
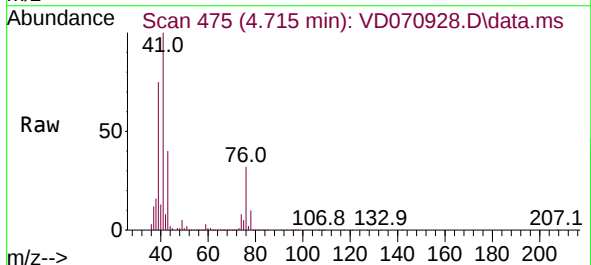
Manual Integrations
APPROVED

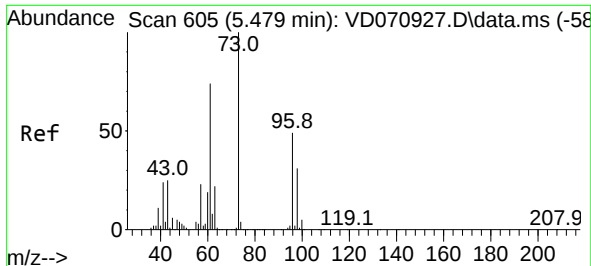
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#18
Methyl Acetate
Concen: 111.864 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

Tgt Ion: 43 Resp: 386479
Ion Ratio Lower Upper
43 100
74 21.6 19.3 28.9





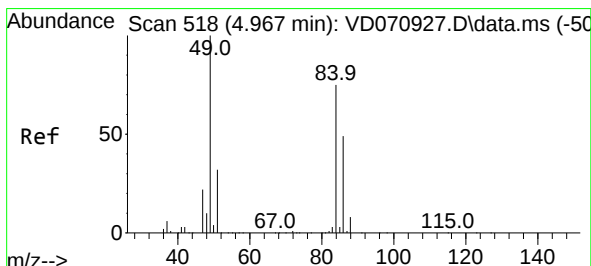
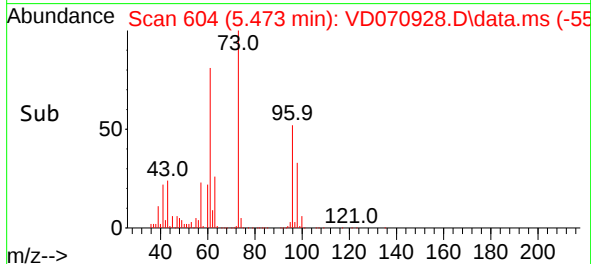
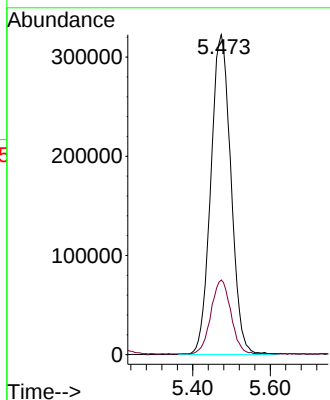
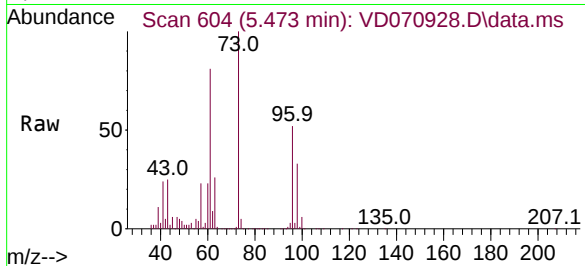
#19
Methyl tert-butyl Ether
Concen: 128.161 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 116264
Ion Ratio Lower Upper
73 100
57 23.1 18.9 28.3

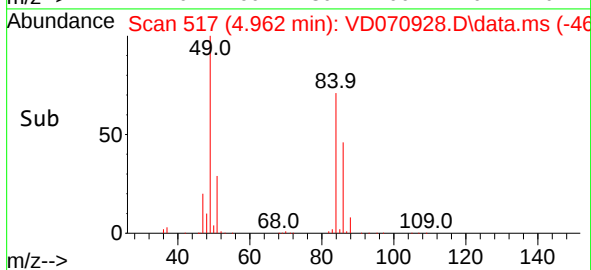
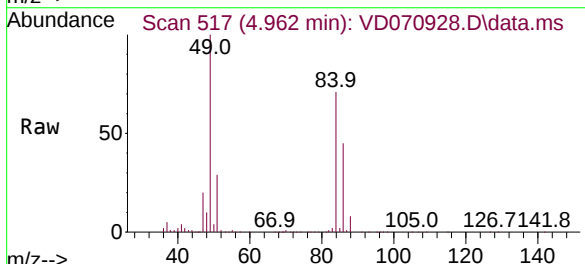
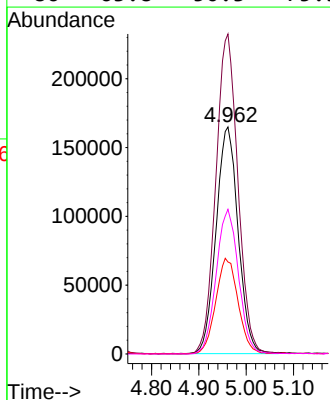
Manual Integrations
APPROVED

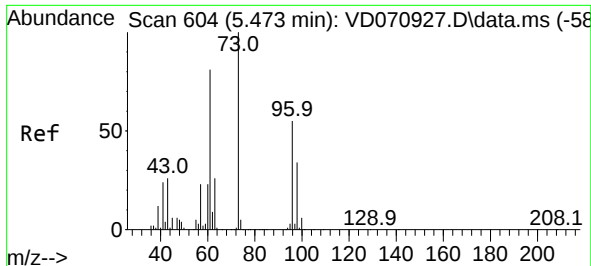
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#20
Methylene Chloride
Concen: 80.175 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

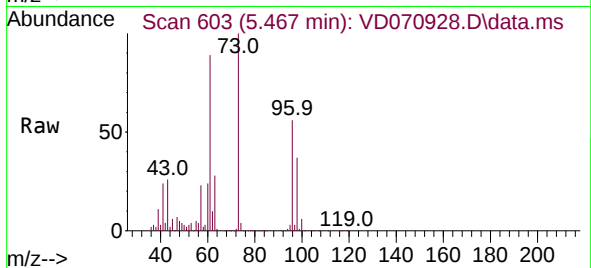
Tgt Ion: 84 Resp: 533811
Ion Ratio Lower Upper
84 100
49 141.1 95.8 143.6
51 40.4 30.9 46.3
86 63.8 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 110.684 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

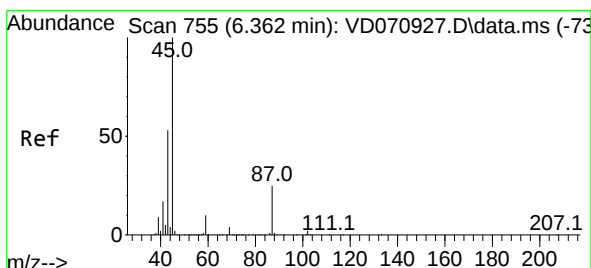
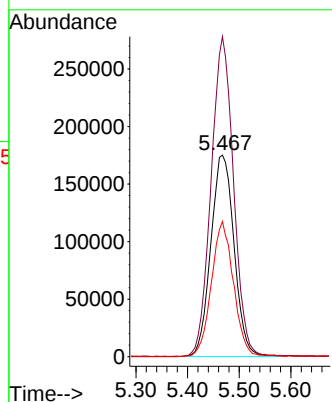
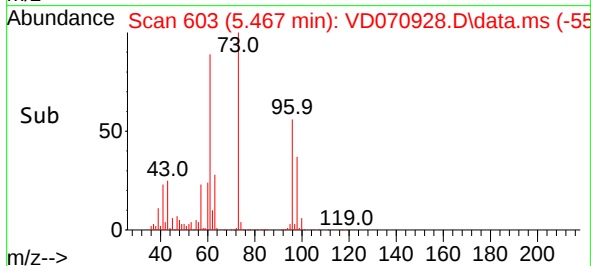
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion: 96 Resp: 547395
Ion Ratio Lower Upper
96 100
61 158.8 102.1 153.1
98 67.0 50.1 75.1

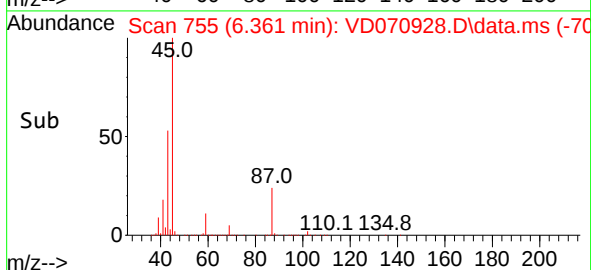
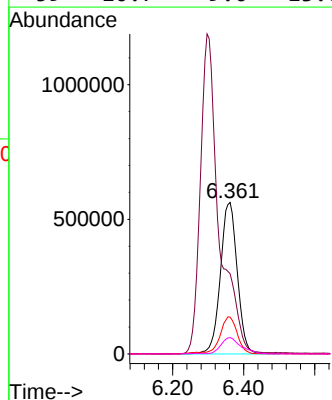
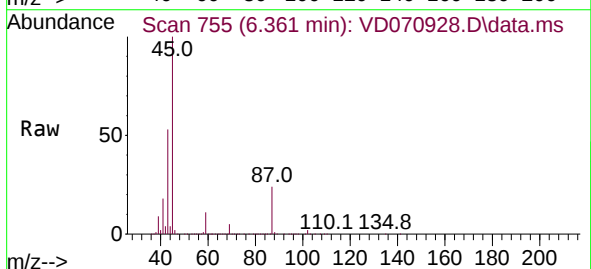
Manual Integrations
APPROVED

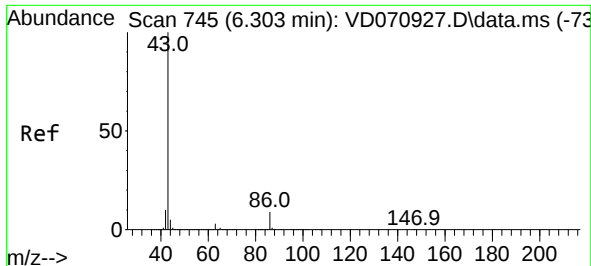
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#22
Diisopropyl ether
Concen: 132.092 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

Tgt Ion: 45 Resp: 1848677
Ion Ratio Lower Upper
45 100
43 52.7 39.6 59.4
87 24.2 21.2 31.8
59 10.7 9.0 13.6





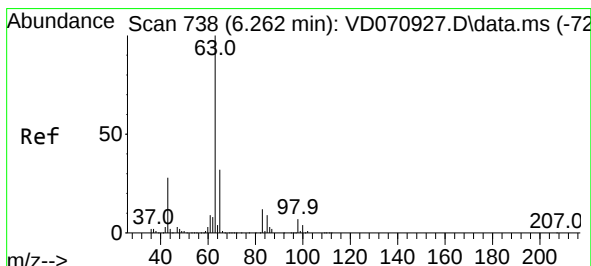
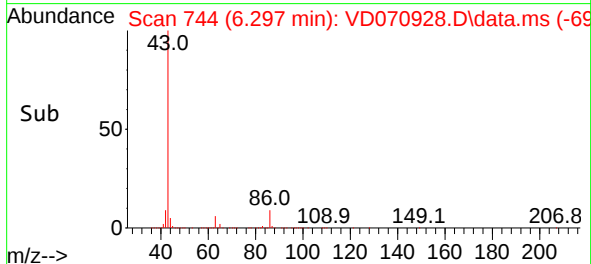
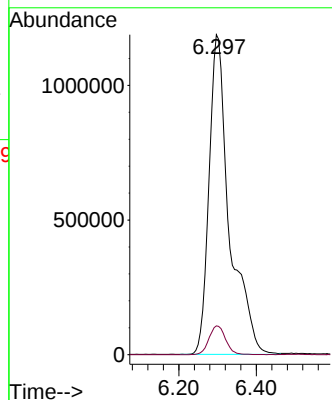
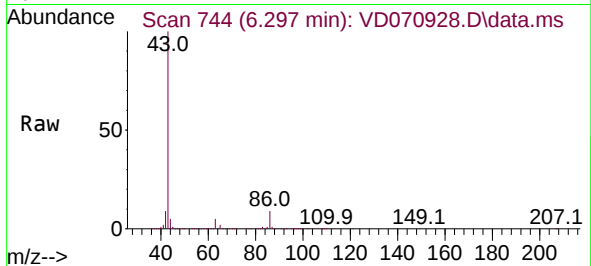
#23
Vinyl Acetate
Concen: 672.104 ug/l
RT: 6.297 min Scan# 744
Delta R.T. -0.006 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 4344819
Ion Ratio Lower Upper
43 100
86 9.0 8.2 12.4

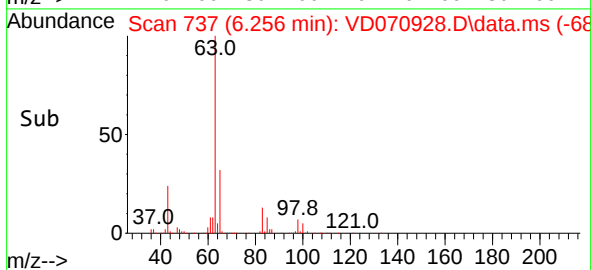
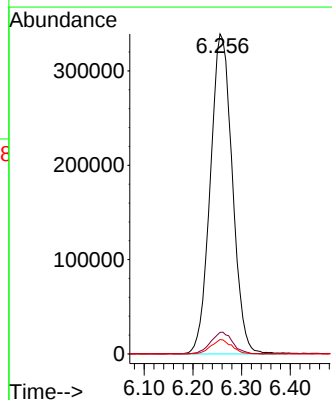
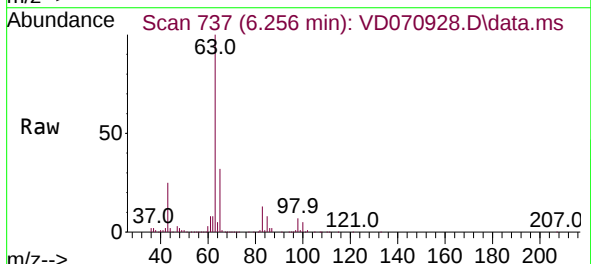
Manual Integrations
APPROVED

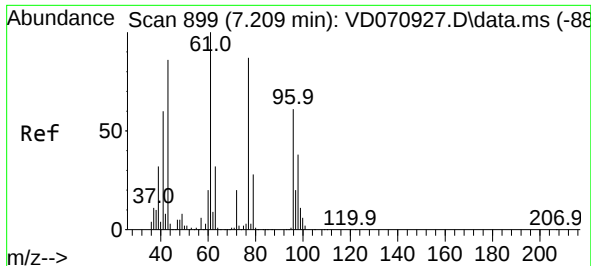
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#24
1,1-Dichloroethane
Concen: 115.040 ug/l
RT: 6.256 min Scan# 737
Delta R.T. -0.006 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

Tgt Ion: 63 Resp: 1065938
Ion Ratio Lower Upper
63 100
98 6.6 3.5 10.6
100 4.5 2.1 6.3





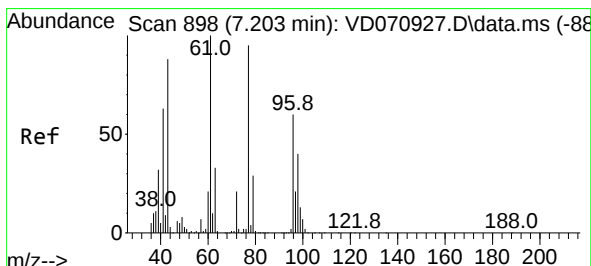
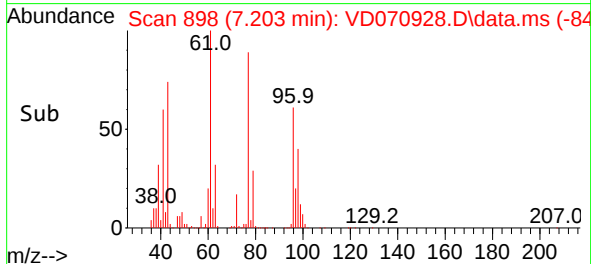
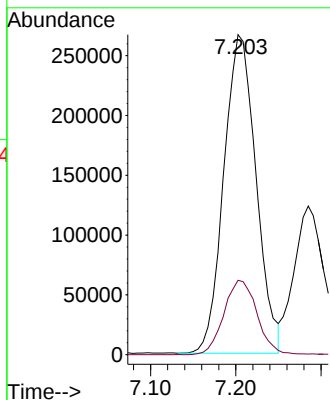
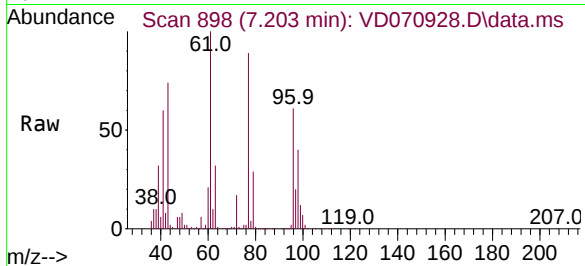
#25
2-Butanone
Concen: 564.831 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 700799
Ion Ratio Lower Upper
43 100
72 23.3 23.8 35.6

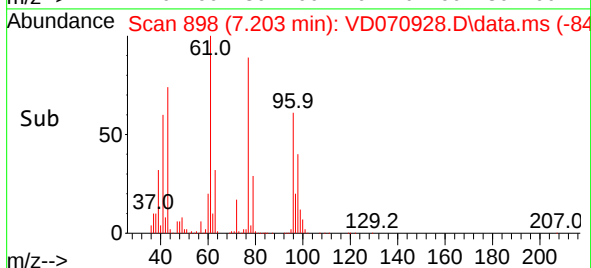
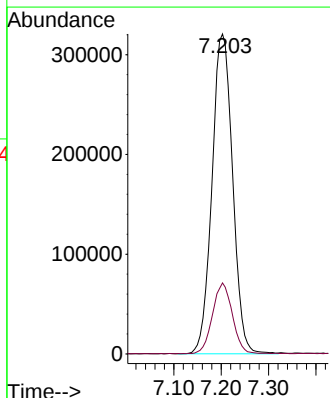
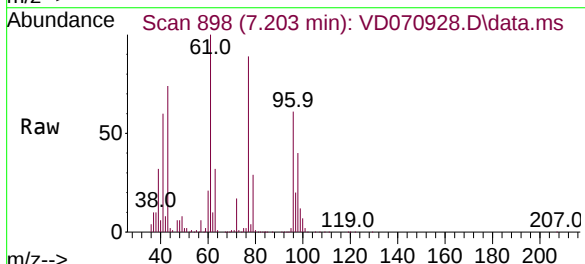
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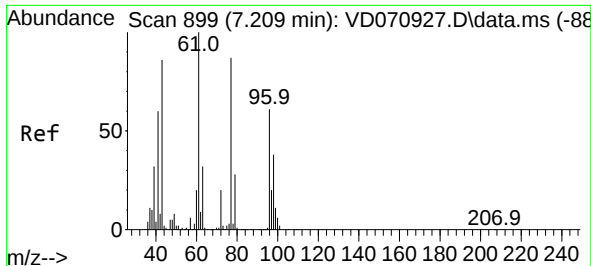
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#26
2,2-Dichloropropane
Concen: 127.736 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

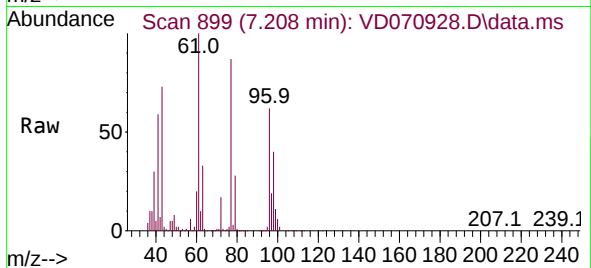
Tgt Ion: 77 Resp: 969229
Ion Ratio Lower Upper
77 100
97 21.1 11.9 35.5





#27
cis-1,2-Dichloroethene
Concen: 114.830 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

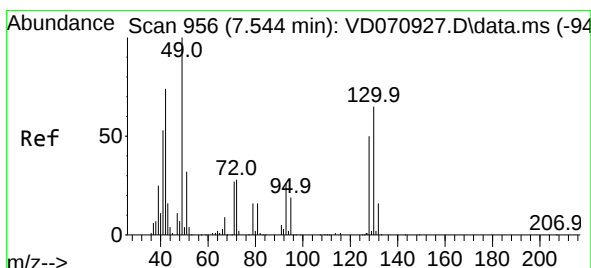
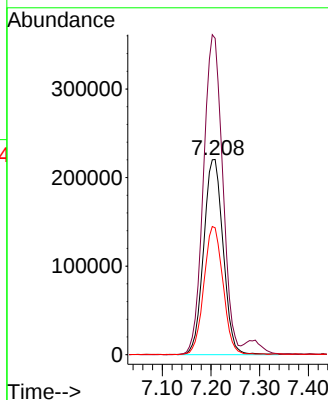
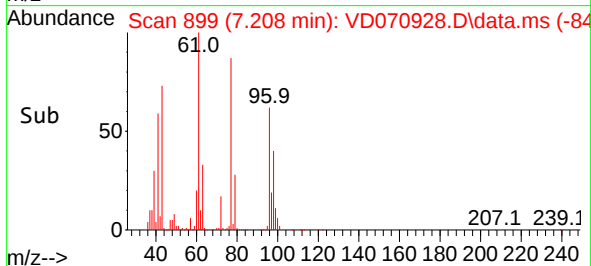
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



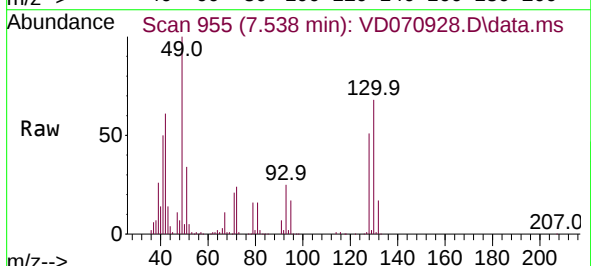
Tgt Ion: 96 Resp: 61301
Ion Ratio Lower Upper
96 100
61 161.7 0.0 288.6
98 64.1 0.0 129.2

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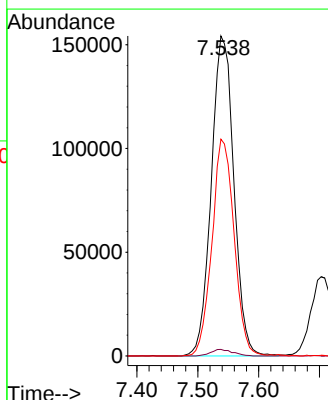
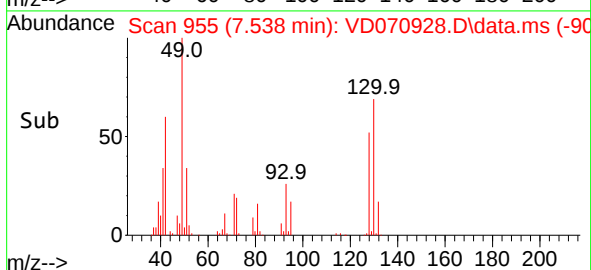
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

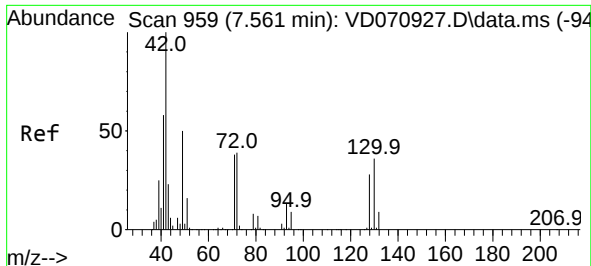


#28
Bromochloromethane
Concen: 109.699 ug/l
RT: 7.538 min Scan# 955
Delta R.T. -0.006 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20



Tgt Ion: 49 Resp: 397110
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 66.5 60.2 90.2





#29

Tetrahydrofuran

Concen: 584.539 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD070928.D

Acq: 05 Nov 2021 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 438610

Ion Ratio Lower Upper

42 100

72 37.6 33.7 50.5

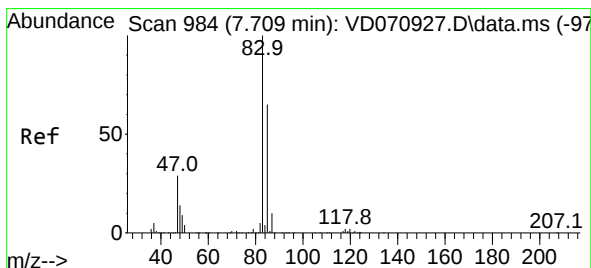
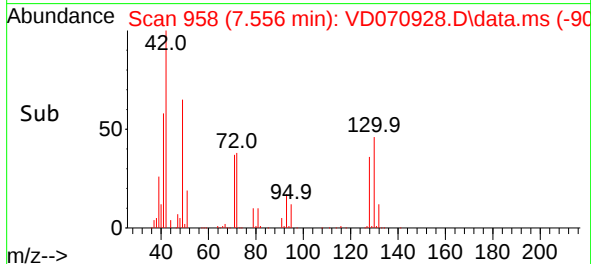
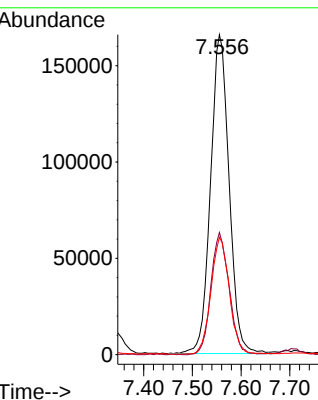
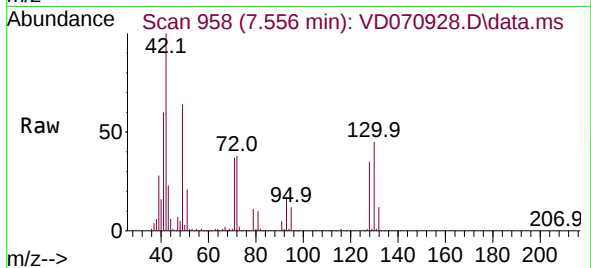
71 36.1 32.7 49.1

Manual Integrations

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Reviewed By :Vimala Arumugam 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#30

Chloroform

Concen: 111.268 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD070928.D

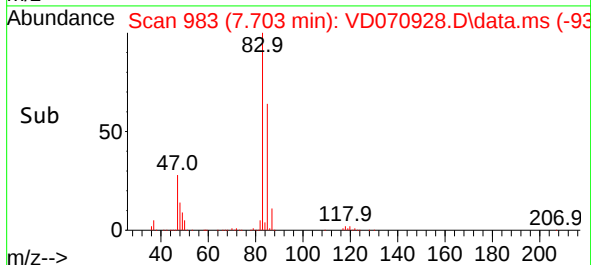
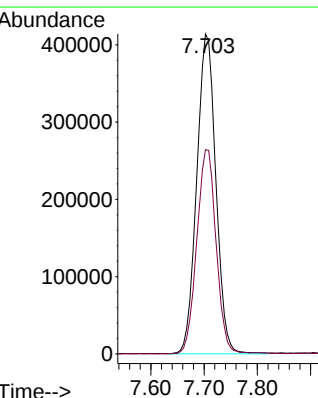
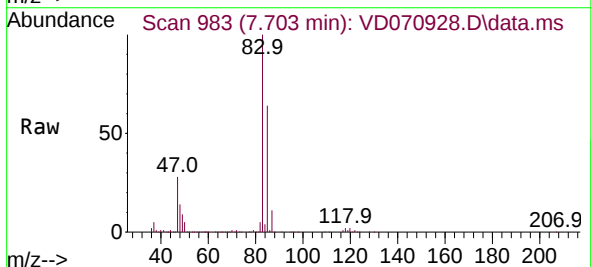
Acq: 05 Nov 2021 16:20

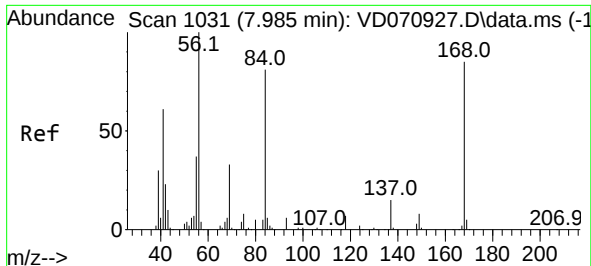
Tgt Ion: 83 Resp: 1031136

Ion Ratio Lower Upper

83 100

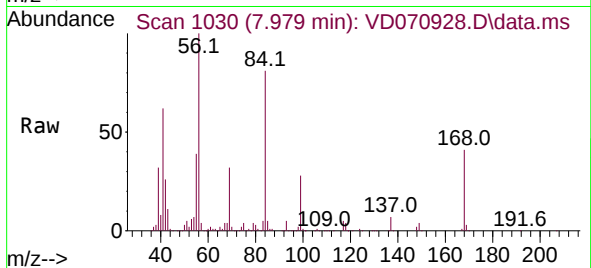
85 63.8 51.0 76.6





#31
Cyclohexane
Concen: 118.463 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

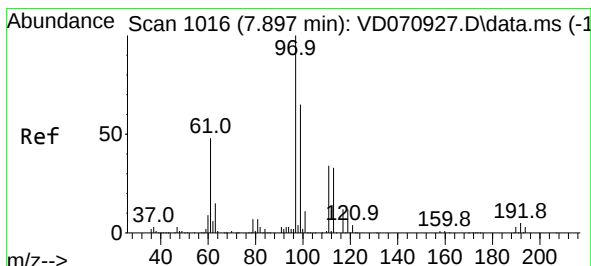
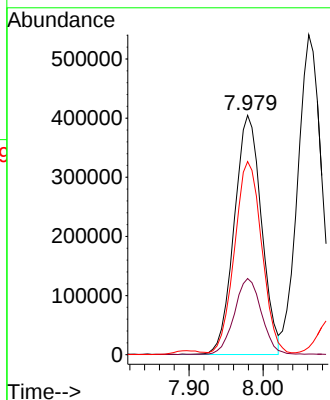
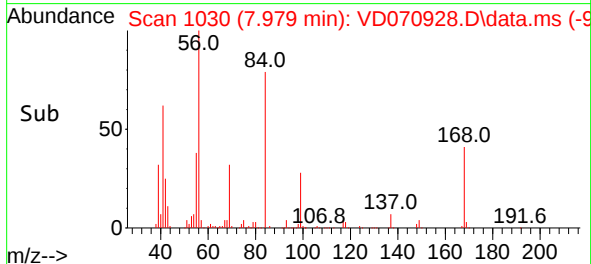
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 1030630
Ion Ratio Lower Upper
56 100
69 31.8 25.9 38.9
84 79.4 64.3 96.5

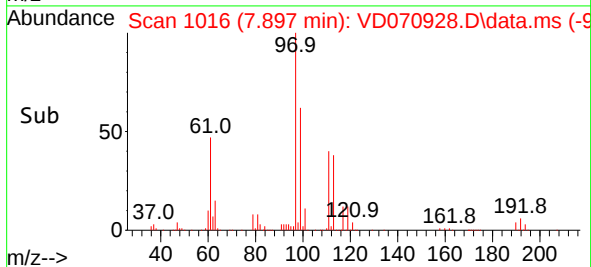
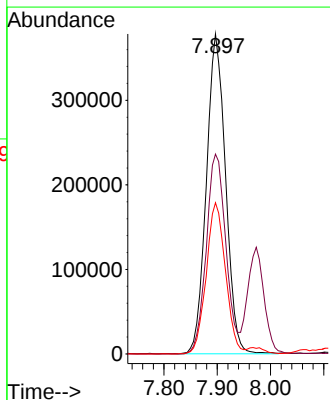
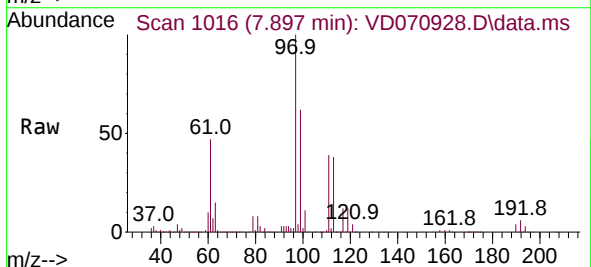
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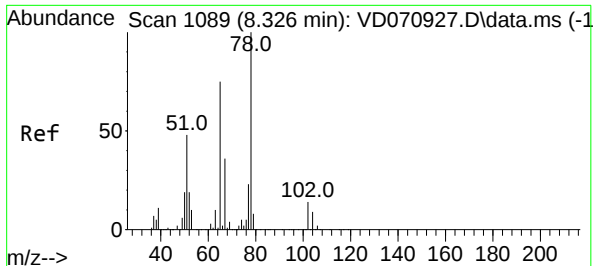
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#32
1,1,1-Trichloroethane
Concen: 118.405 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

Tgt Ion: 97 Resp: 947601
Ion Ratio Lower Upper
97 100
99 64.5 50.3 75.5
61 47.4 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 116.455 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD070928.D

Acq: 05 Nov 2021 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 505710

Ion Ratio Lower Upper

65 100

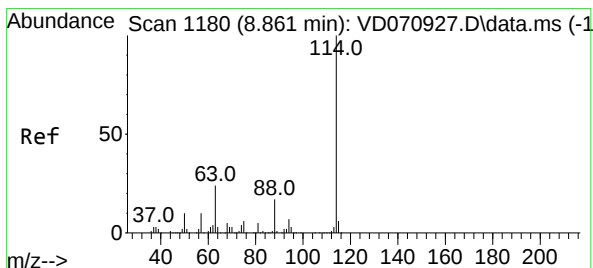
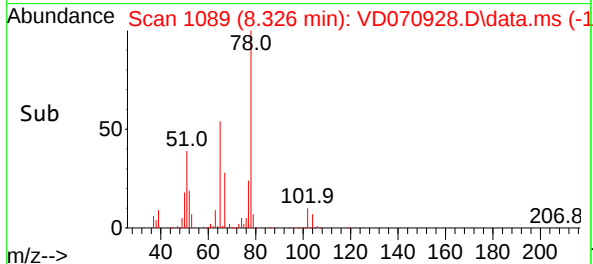
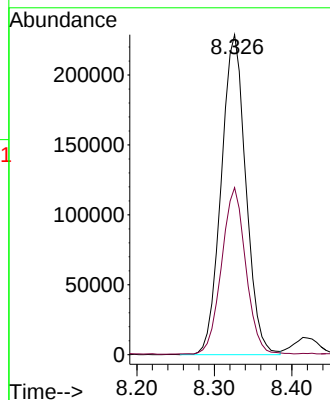
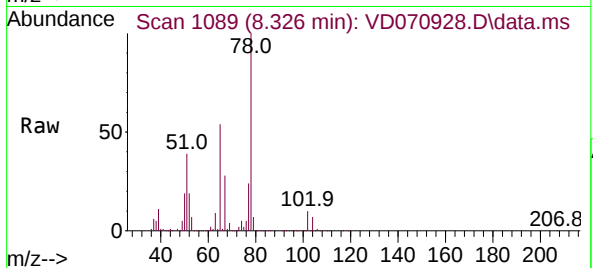
67 50.8 0.0 112.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD070928.D

Acq: 05 Nov 2021 16:20

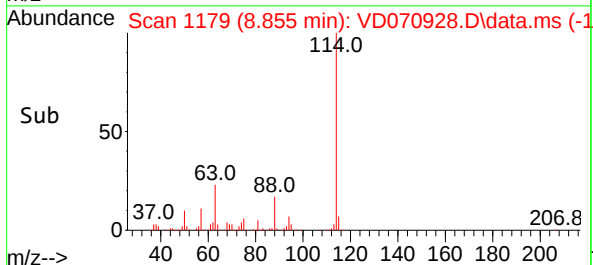
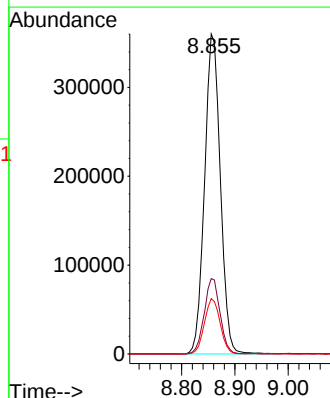
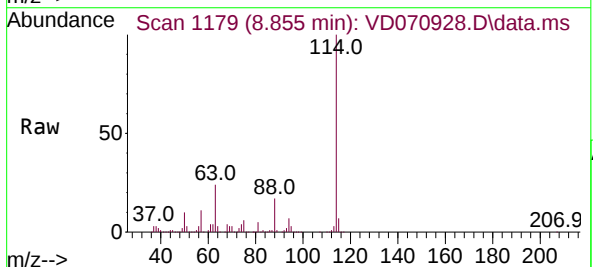
Tgt Ion:114 Resp: 740917

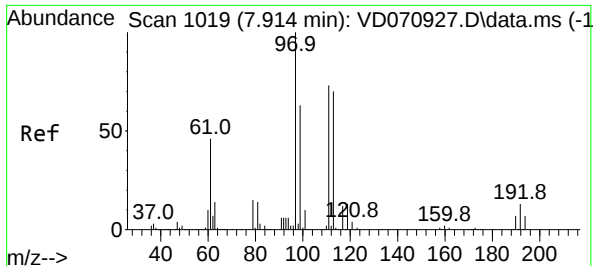
Ion Ratio Lower Upper

114 100

63 23.5 0.0 41.8

88 17.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 96.747 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070928.D

Acq: 05 Nov 2021 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion:113 Resp: 46489

Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

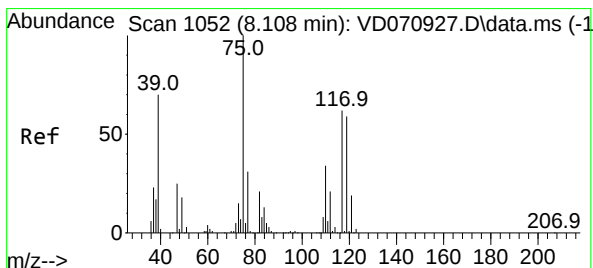
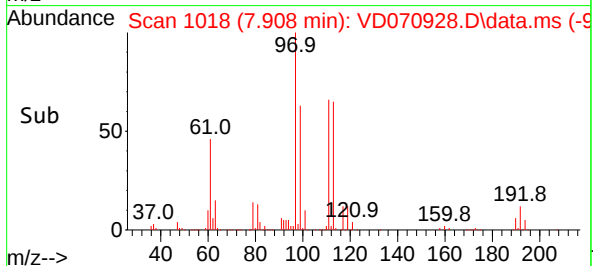
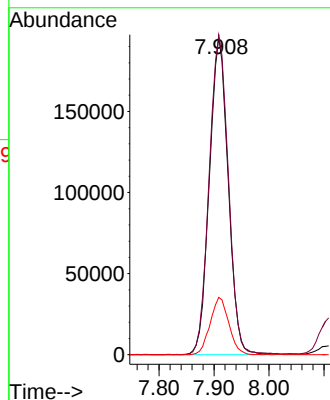
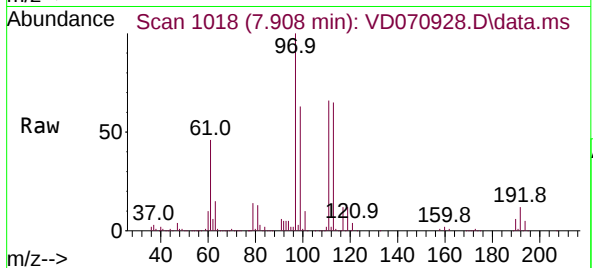
192 17.9 15.2 22.8

Manual Integrations

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Reviewed By :Vimala Arumugam 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#36

1,1-Dichloropropene

Concen: 108.030 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VD070928.D

Acq: 05 Nov 2021 16:20

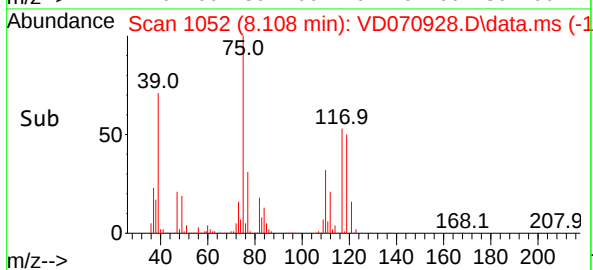
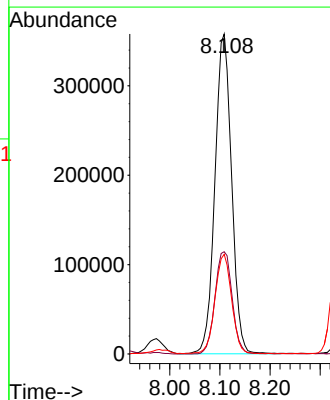
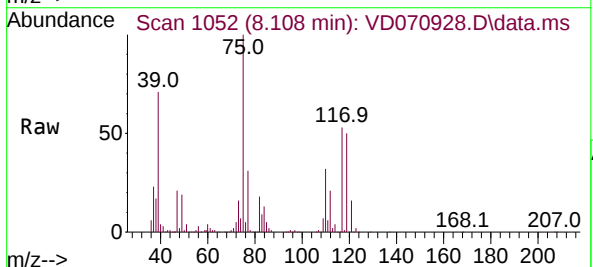
Tgt Ion: 75 Resp: 826245

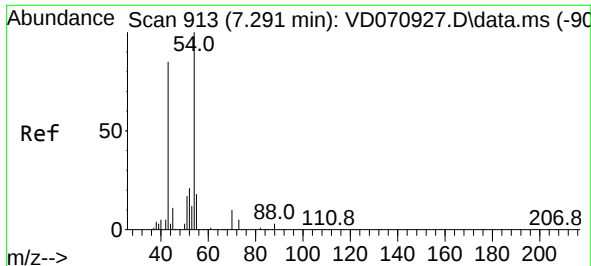
Ion Ratio Lower Upper

75 100

110 33.1 17.8 53.4

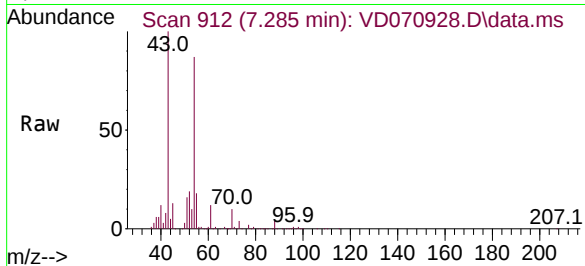
77 30.9 24.8 37.2





#37
Ethyl Acetate
Concen: 106.750 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

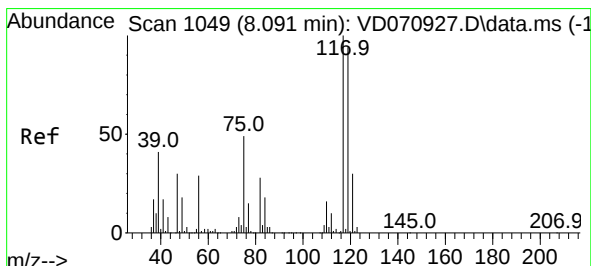
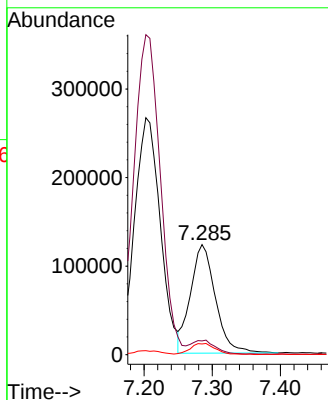
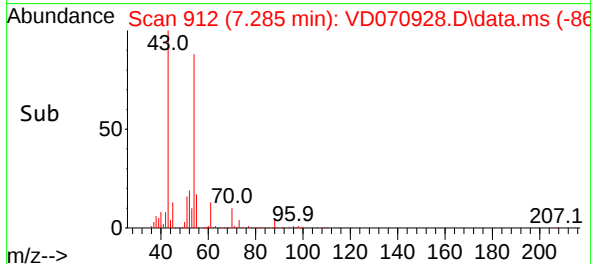
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 311779
Ion Ratio Lower Upper
43 100
61 12.2 13.0 19.6
70 10.2 8.7 13.1

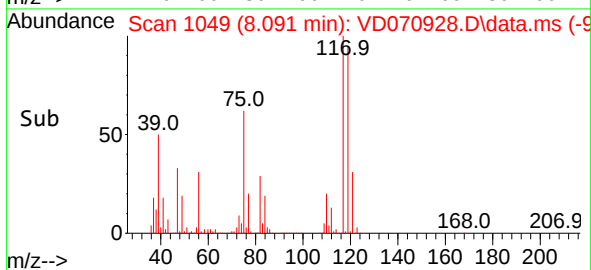
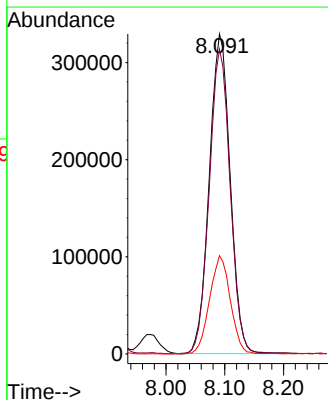
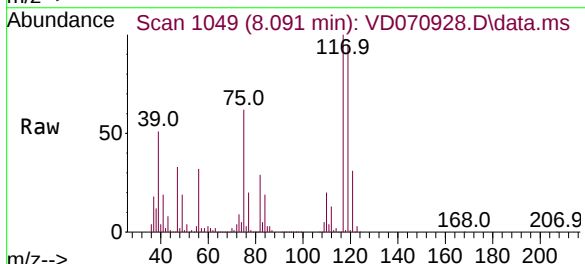
Manual Integrations
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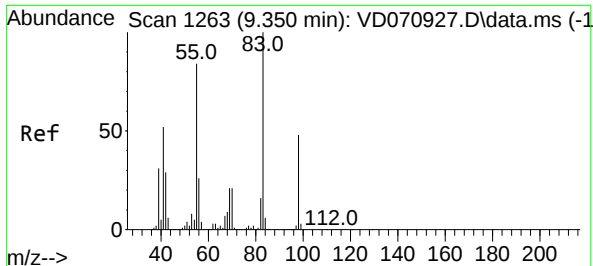
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#38
Carbon Tetrachloride
Concen: 105.348 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

Tgt Ion:117 Resp: 812989
Ion Ratio Lower Upper
117 100
119 95.3 75.8 113.6
121 30.6 23.6 35.4





#39

Methylcyclohexane

Concen: 116.548 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD070928.D

Acq: 05 Nov 2021 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 1039390

Ion Ratio Lower Upper

83 100

55 85.1 65.8 98.8

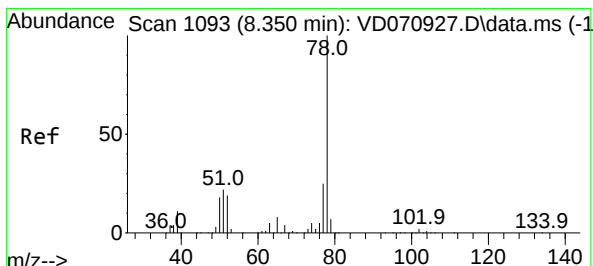
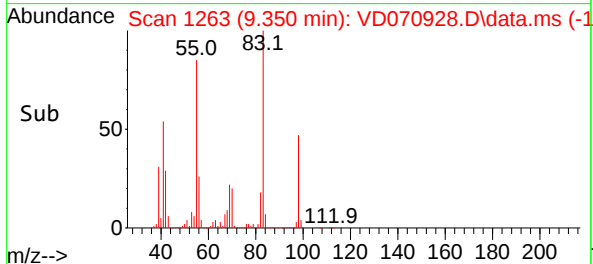
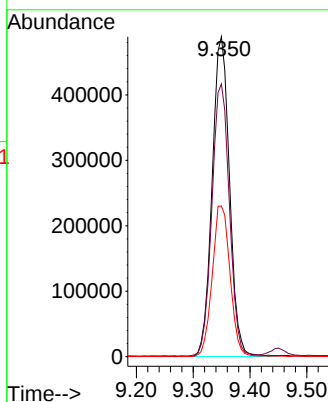
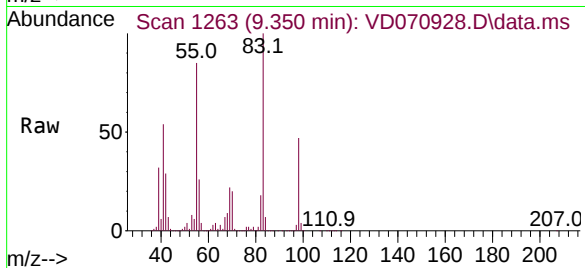
98 47.1 38.7 58.1

Manual Integrations

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Reviewed By :Vimala Arumugam 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#40

Benzene

Concen: 99.936 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD070928.D

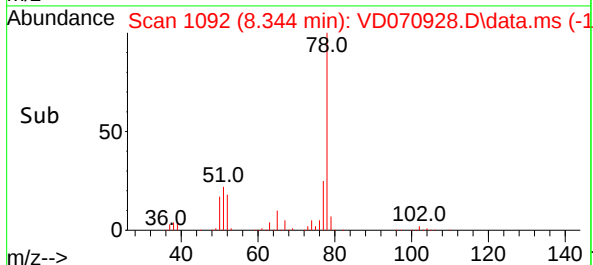
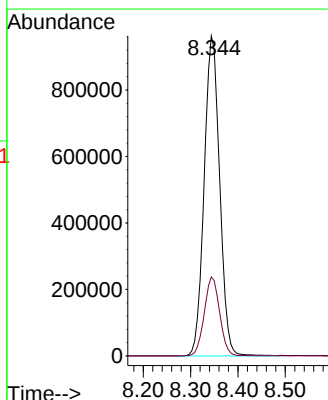
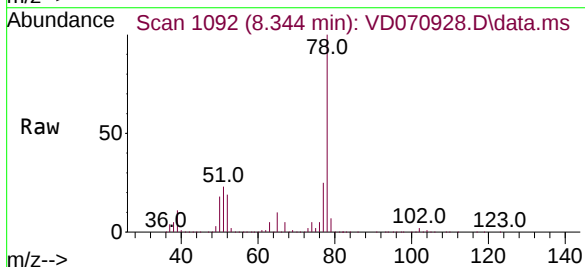
Acq: 05 Nov 2021 16:20

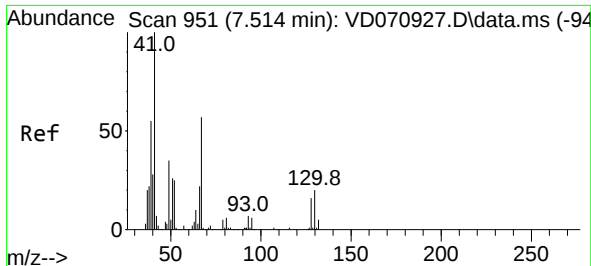
Tgt Ion: 78 Resp: 2188918

Ion Ratio Lower Upper

78 100

77 24.6 19.1 28.7





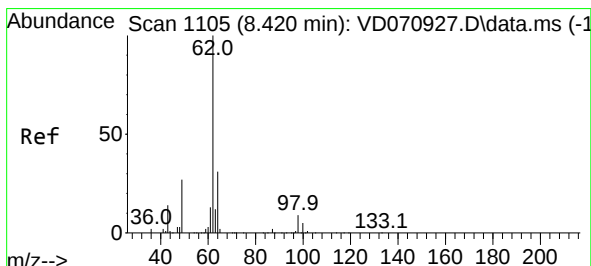
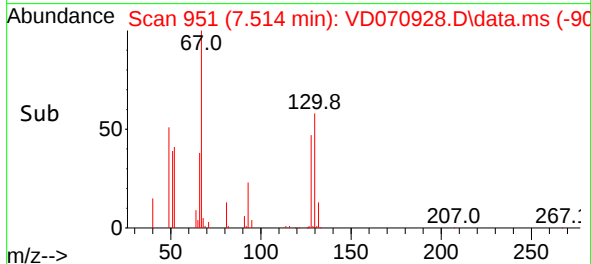
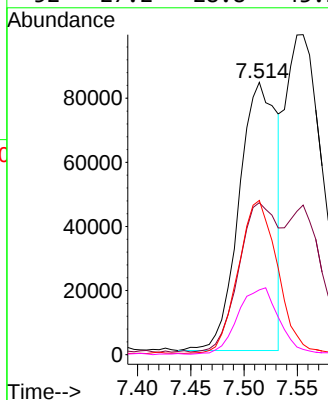
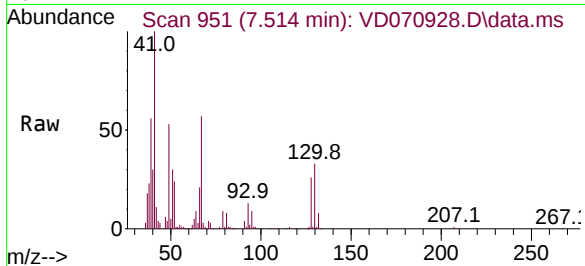
#41
Methacrylonitrile
Concen: 127.658 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 206120
Ion Ratio Lower Upper
41 100
39 55.8 60.2 90.4
67 59.6 74.8 112.2
52 27.2 28.8 43.2

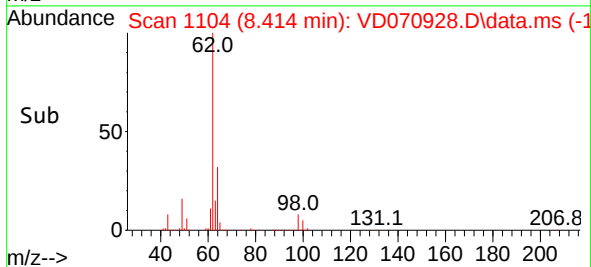
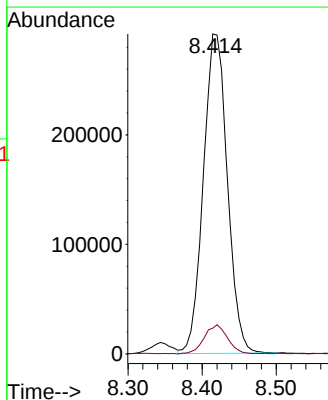
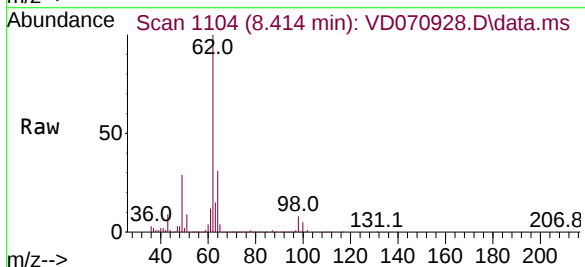
Manual Integrations
APPROVED

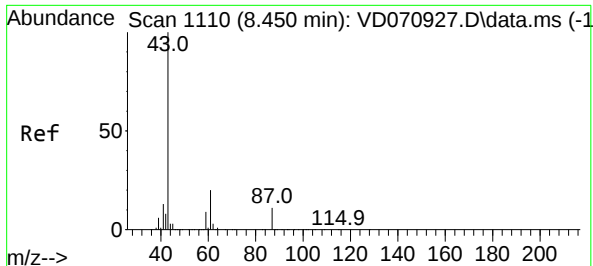
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#42
1,2-Dichloroethane
Concen: 112.475 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

Tgt Ion: 62 Resp: 656650
Ion Ratio Lower Upper
62 100
98 9.0 0.0 21.8





#43

Isopropyl Acetate

Concen: 119.783 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VD070928.D

Acq: 05 Nov 2021 16:20

Instrument :

MSVOA_D

ClientSampleId :

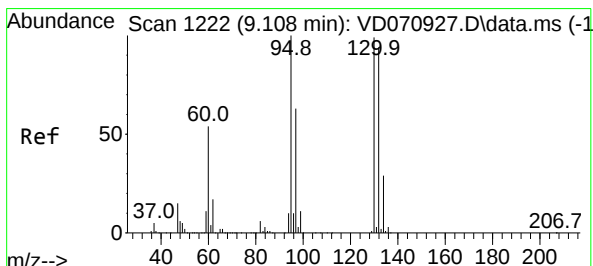
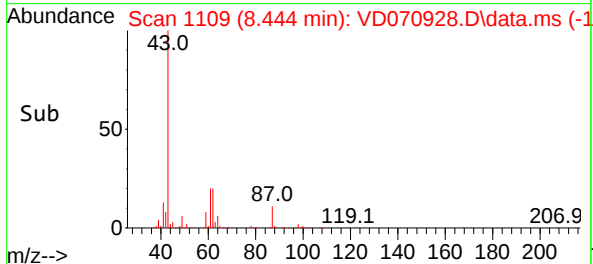
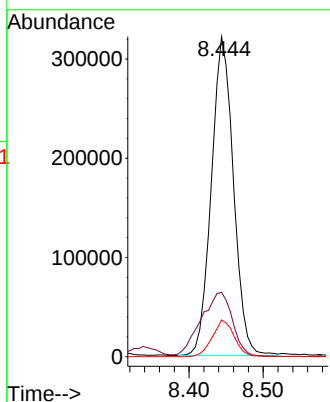
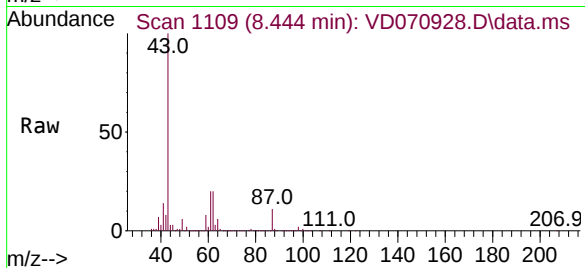
VSTDICC100

Tgt Ion:	43	Resp:	666934
Ion	Ratio	Lower	Upper
43	100		
61	29.0	28.2	42.4
87	11.4	10.7	16.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#44

Trichloroethene

Concen: 102.268 ug/l

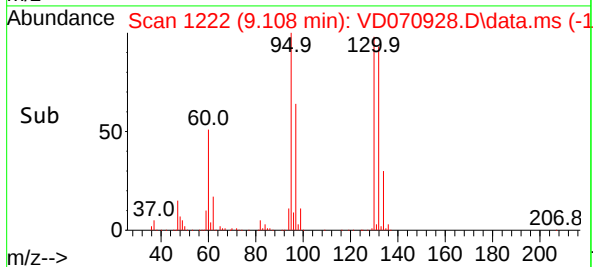
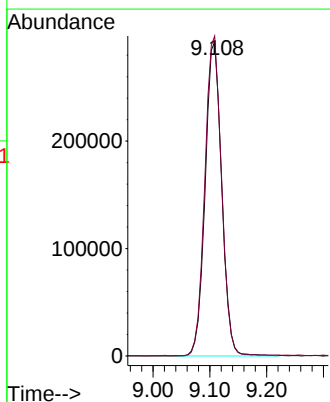
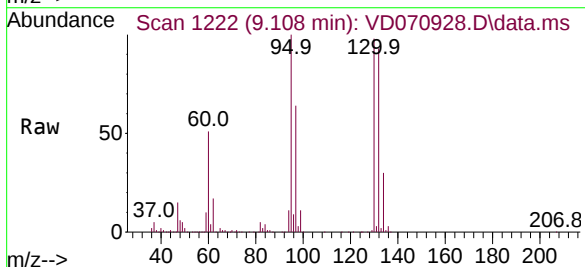
RT: 9.108 min Scan# 1222

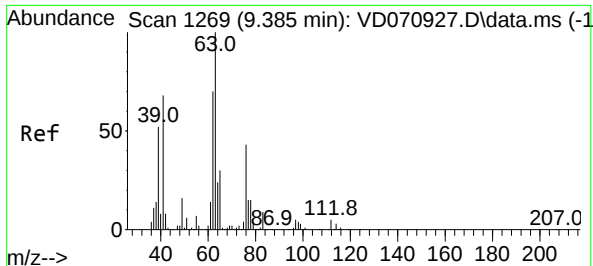
Delta R.T. -0.000 min

Lab File: VD070928.D

Acq: 05 Nov 2021 16:20

Tgt Ion:	130	Resp:	588382
Ion	Ratio	Lower	Upper
130	100		
95	101.8	0.0	193.2





#45

1,2-Dichloropropane

Concen: 98.315 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.006 min

Lab File: VD070928.D

Acq: 05 Nov 2021 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 57339

Ion Ratio Lower Upper

63 100

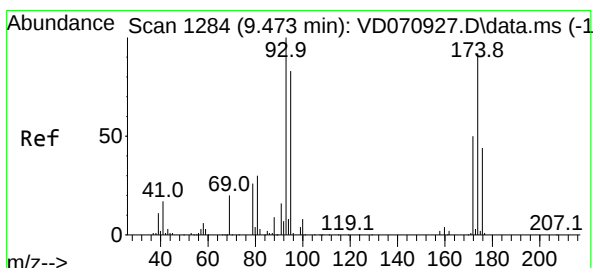
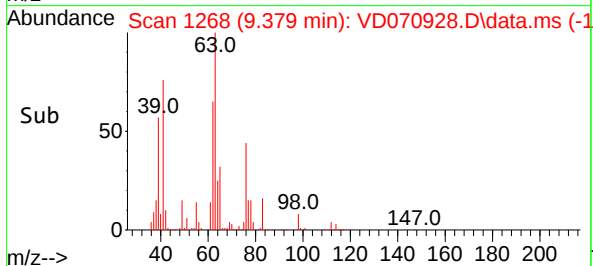
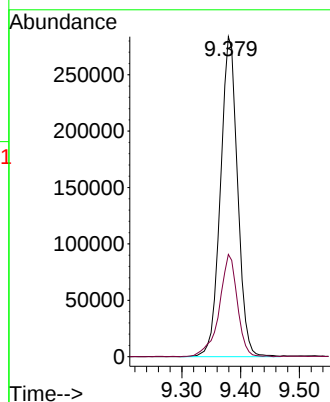
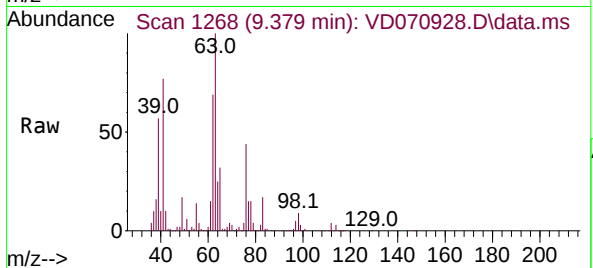
65 31.9 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#46

Dibromomethane

Concen: 94.583 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD070928.D

Acq: 05 Nov 2021 16:20

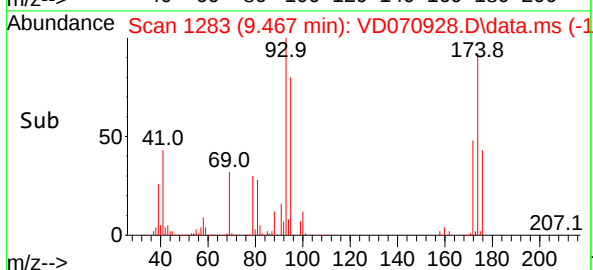
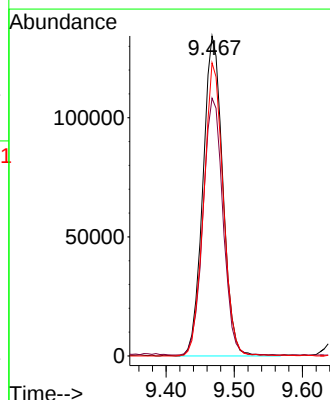
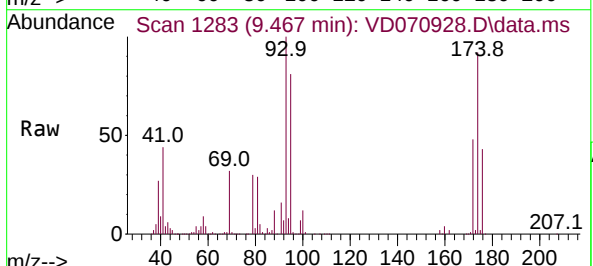
Tgt Ion: 93 Resp: 271355

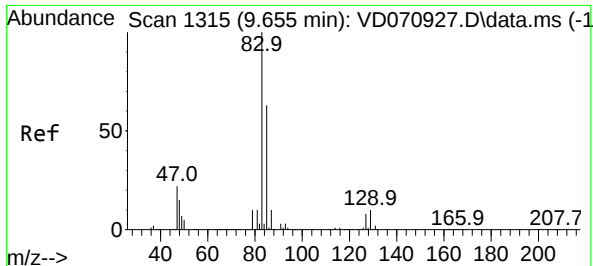
Ion Ratio Lower Upper

93 100

95 80.7 66.1 99.1

174 90.0 78.6 117.8





#47

Bromodichloromethane

Concen: 104.144 ug/l

RT: 9.655 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VD070928.D

Acq: 05 Nov 2021 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

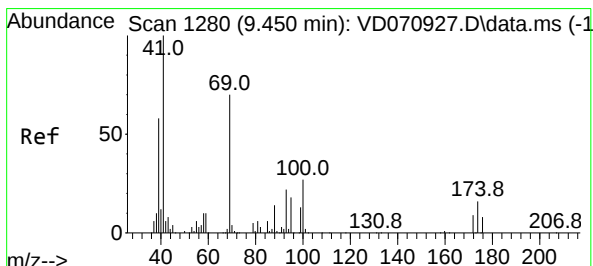
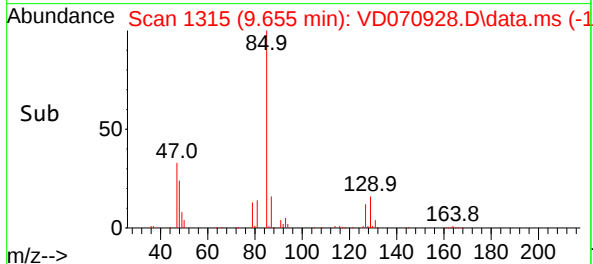
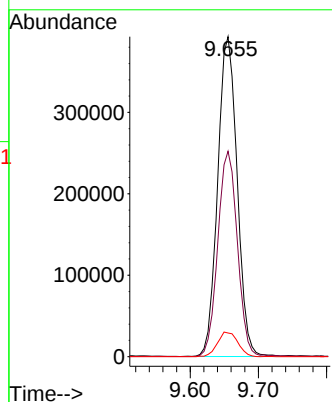
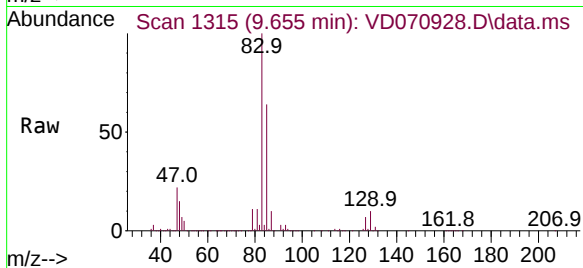
Tgt Ion: 83 Resp: 780825

Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.0	75.0
127	7.4	7.3	10.9

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#48

Methyl methacrylate

Concen: 127.672 ug/l

RT: 9.450 min Scan# 1280

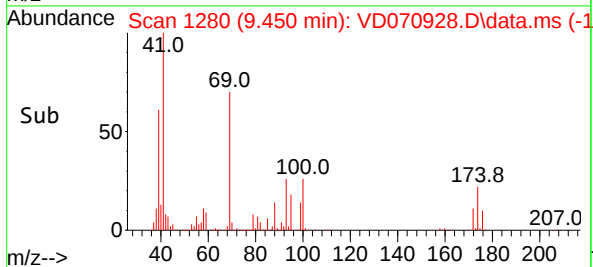
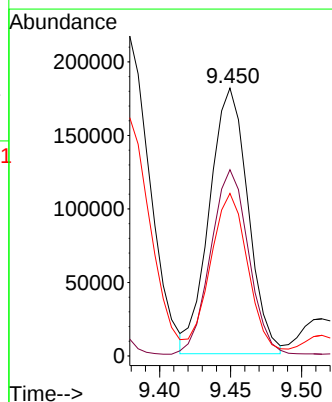
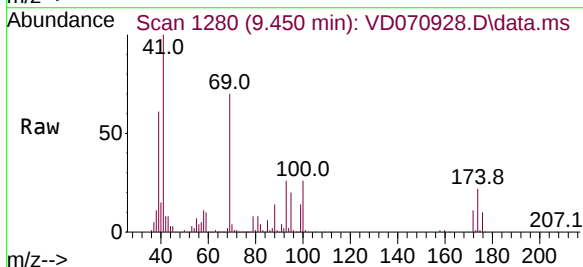
Delta R.T. -0.000 min

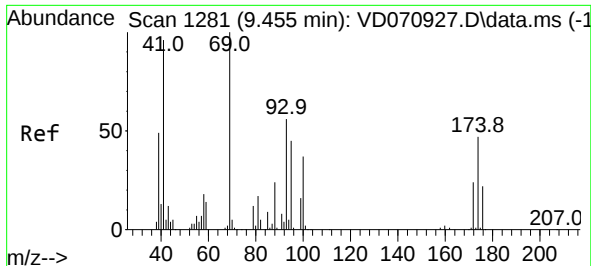
Lab File: VD070928.D

Acq: 05 Nov 2021 16:20

Tgt Ion: 41 Resp: 341419

Ion	Ratio	Lower	Upper
41	100		
69	69.3	69.8	104.6#
39	55.0	35.6	53.4#





#49

1,4-Dioxane

Concen: 1821.531 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VD070928.D

Acq: 05 Nov 2021 16:20

Instrument :

MSVOA_D

ClientSampleId :

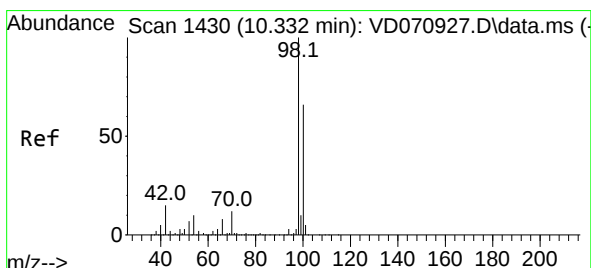
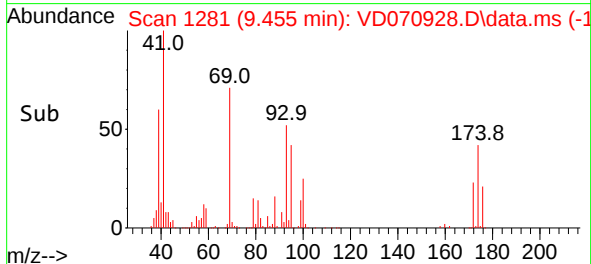
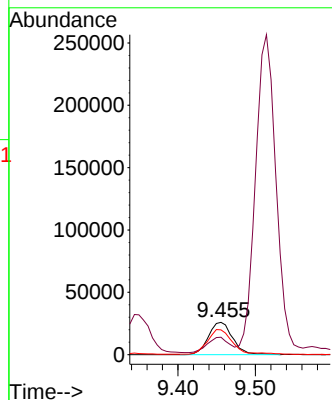
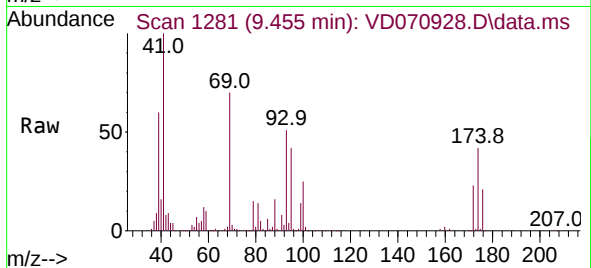
VSTDIC100

Tgt Ion:	88	Resp:	5627
Ion	Ratio	Lower	Upper
88	100		
43	41.8	28.9	43.3
58	78.9	56.3	84.5

Manual Integrations

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Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#50

Toluene-d8

Concen: 99.564 ug/l

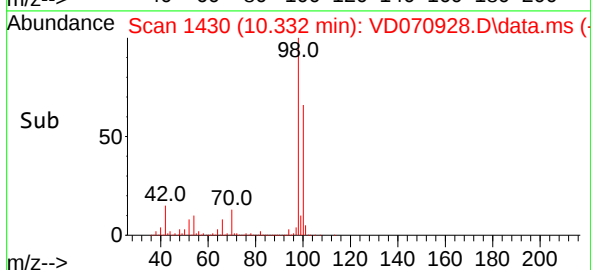
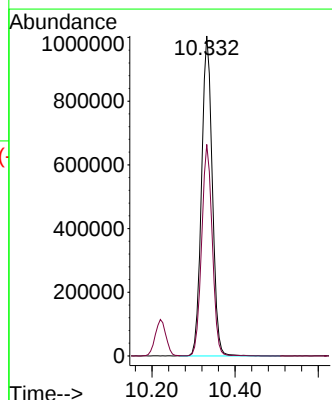
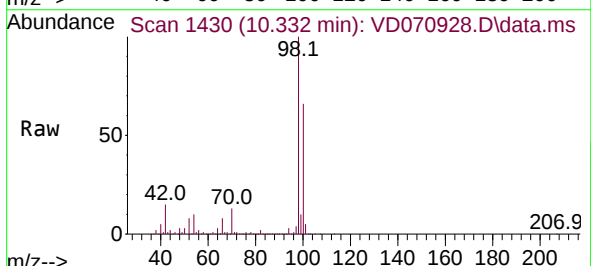
RT: 10.332 min Scan# 1430

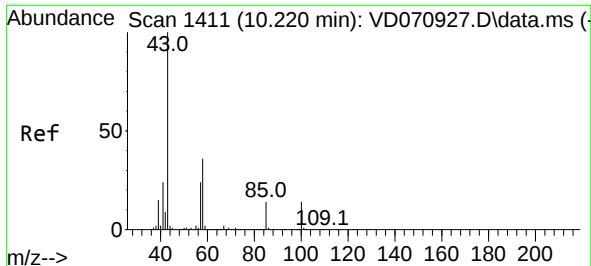
Delta R.T. -0.000 min

Lab File: VD070928.D

Acq: 05 Nov 2021 16:20

Tgt Ion:	98	Resp:	1798794
Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.8	77.6





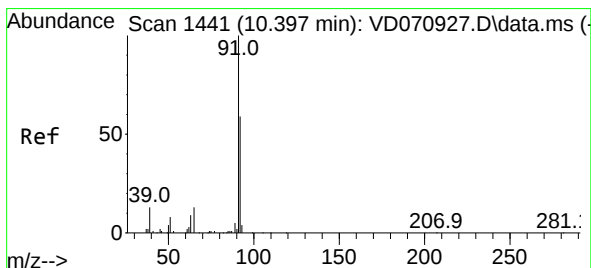
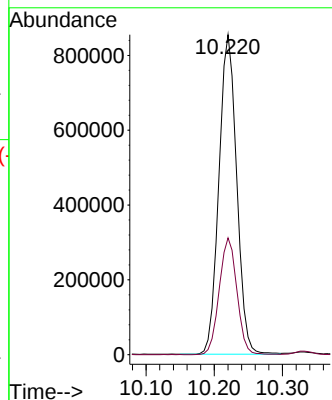
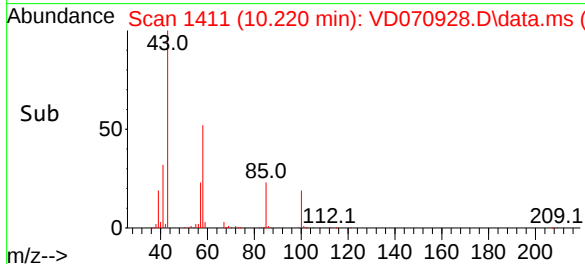
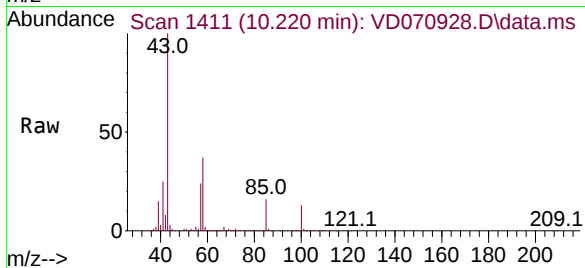
#51
4-Methyl-2-Pentanone
Concen: 542.489 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 155053
Ion Ratio Lower Upper
43 100
58 36.3 33.1 49.7

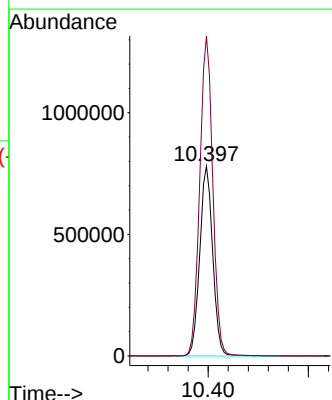
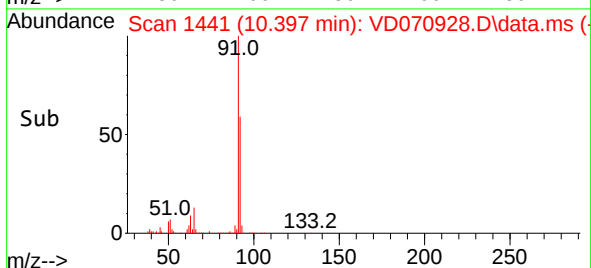
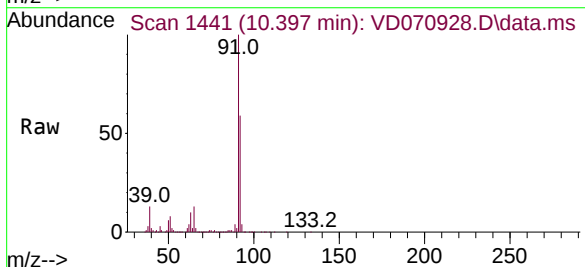
Manual Integrations
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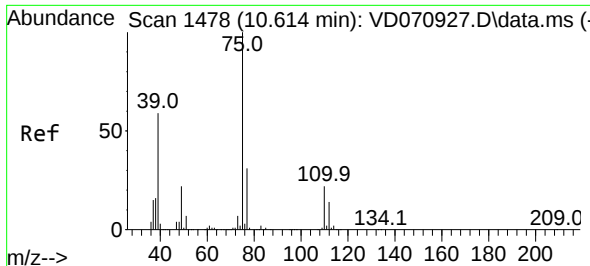
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#52
Toluene
Concen: 105.649 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

Tgt Ion: 92 Resp: 1396928
Ion Ratio Lower Upper
92 100
91 169.4 140.7 211.1





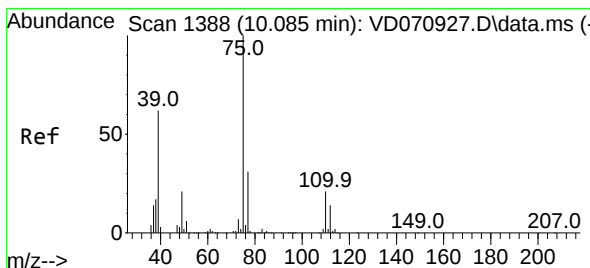
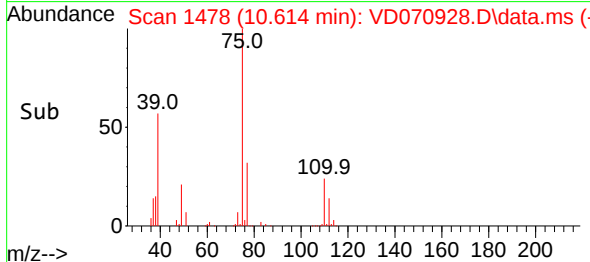
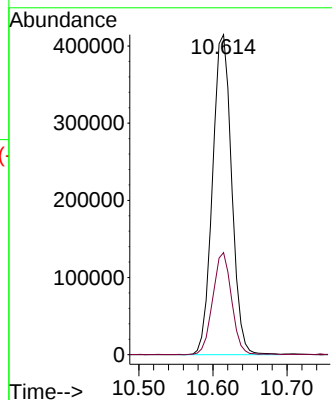
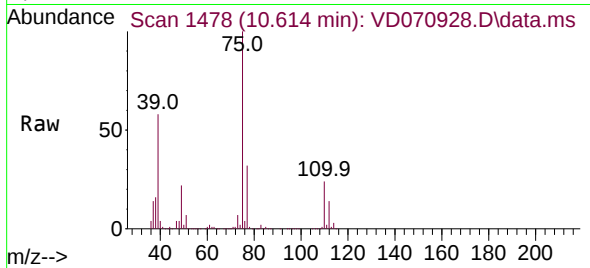
#53
 t-1,3-Dichloropropene
 Concen: 111.957 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. -0.000 min
 Lab File: VD070928.D
 Acq: 05 Nov 2021 16:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion: 75 Resp: 74328
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.5 36.7

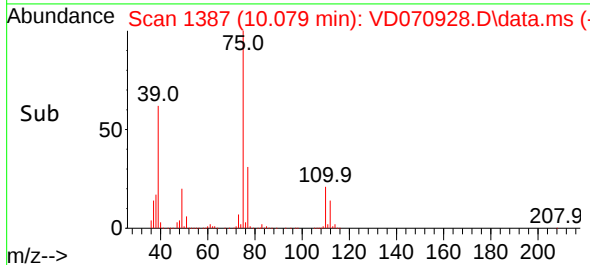
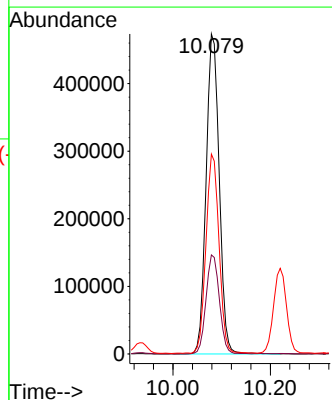
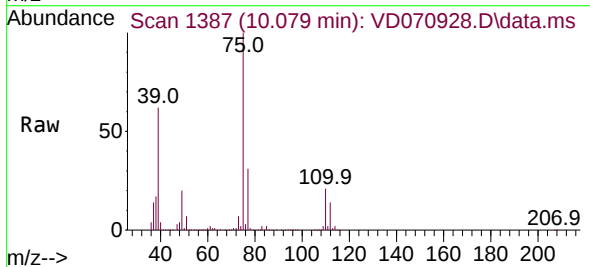
Manual Integrations
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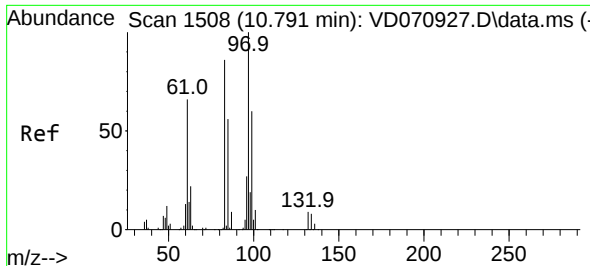
Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#54
 cis-1,3-Dichloropropene
 Concen: 108.319 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. -0.006 min
 Lab File: VD070928.D
 Acq: 05 Nov 2021 16:20

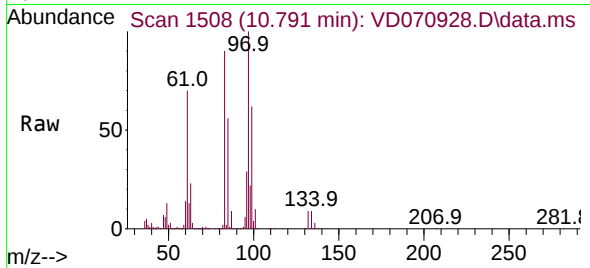
Tgt Ion: 75 Resp: 881635
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.6
 39 62.2 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 87.717 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

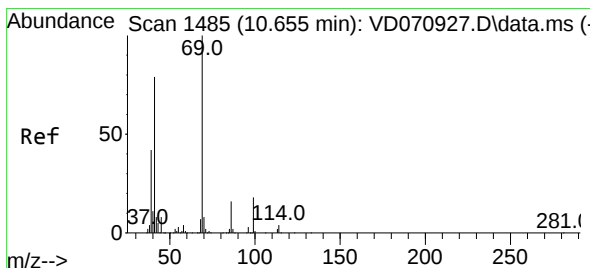
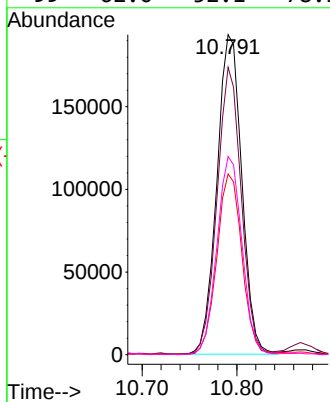
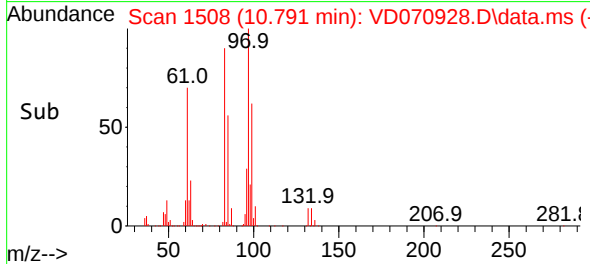
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.7	65.2	97.8
85	56.4	43.4	65.0
99	62.0	52.1	78.1

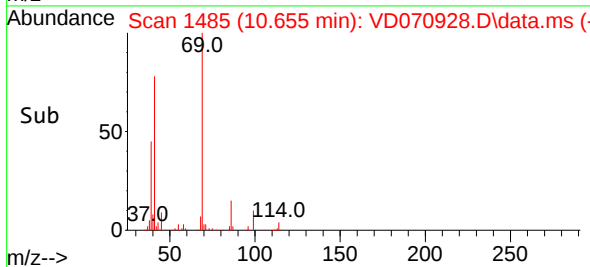
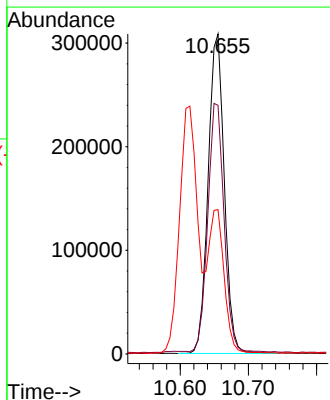
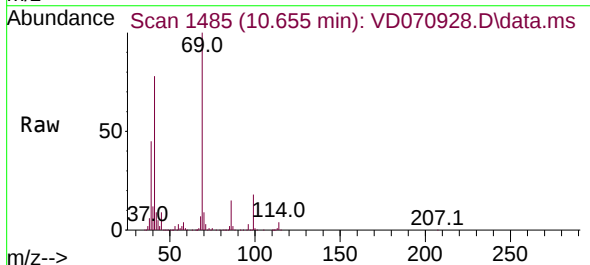
Manual Integrations
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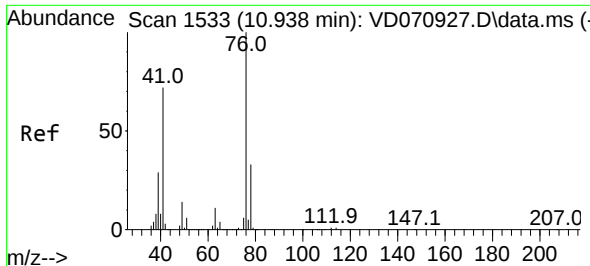
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#56
Ethyl methacrylate
Concen: 111.008 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

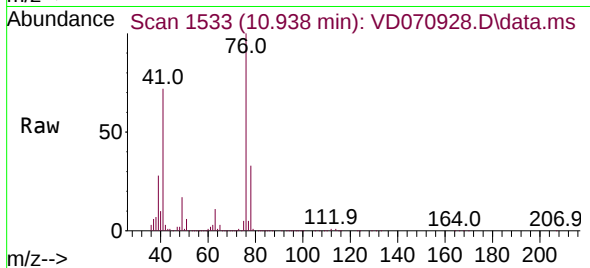
Tgt Ion	Ratio	Lower	Upper
69	100		
41	79.4	50.2	75.2#
39	40.5	19.8	29.8#





#57
1,3-Dichloropropane
Concen: 96.386 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

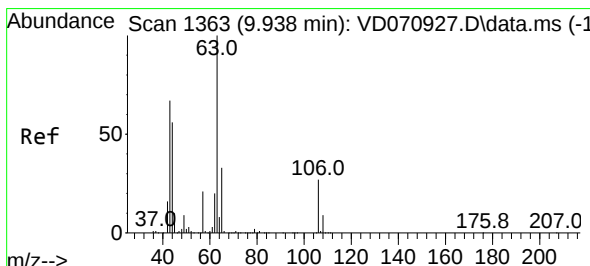
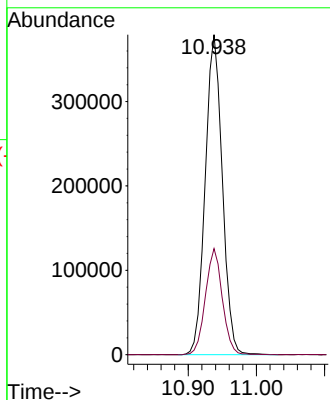
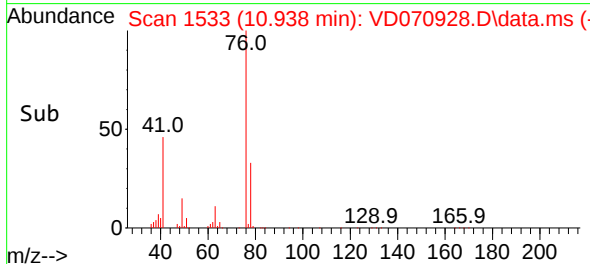
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



Tgt Ion: 76 Resp: 661200
Ion Ratio Lower Upper
76 100
78 32.8 25.8 38.6

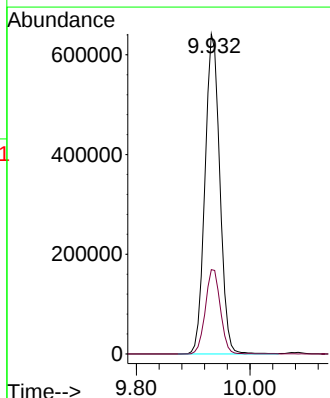
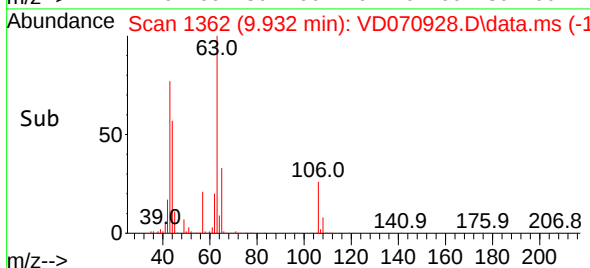
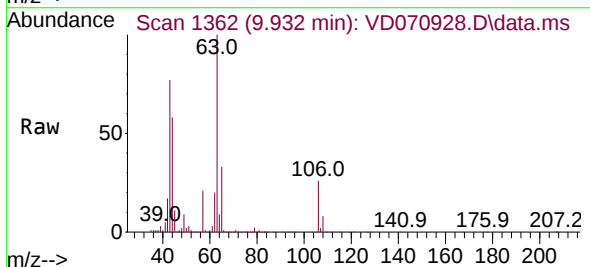
Manual Integrations
APPROVED

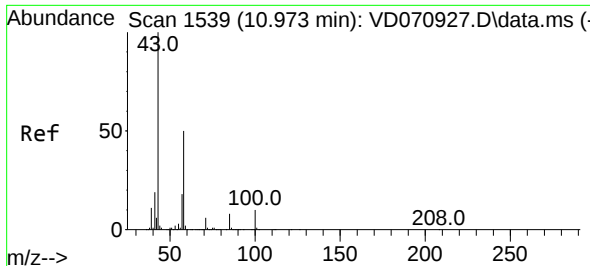
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#58
2-Chloroethyl Vinyl ether
Concen: 571.068 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

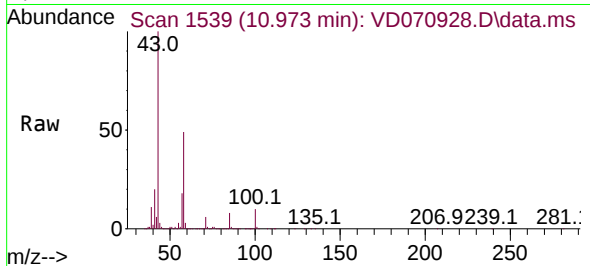
Tgt Ion: 63 Resp: 1161480
Ion Ratio Lower Upper
63 100
106 26.6 21.0 31.4





#59
2-Hexanone
Concen: 547.496 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

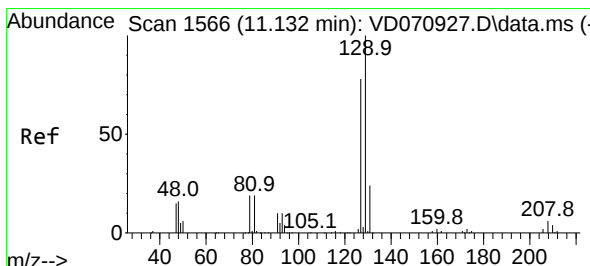
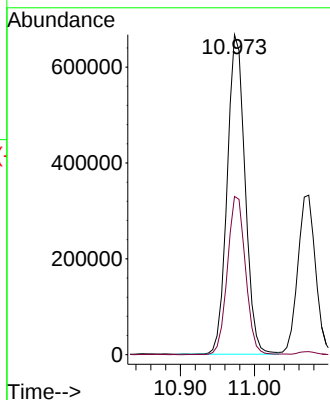
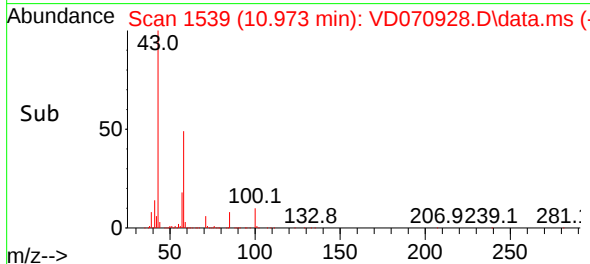
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



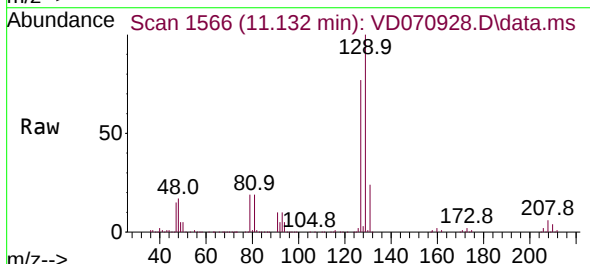
Tgt Ion: 43 Resp: 1114238
Ion Ratio Lower Upper
43 100
58 50.1 28.7 86.1

Manual Integrations
APPROVED

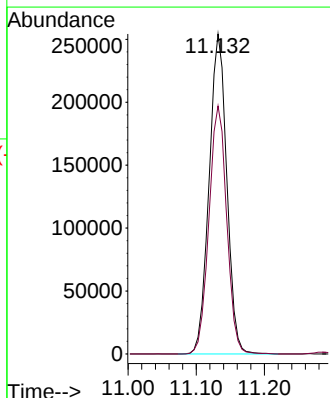
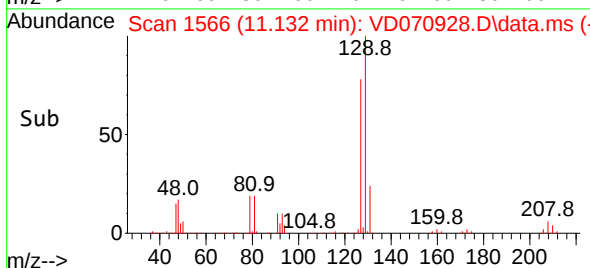
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

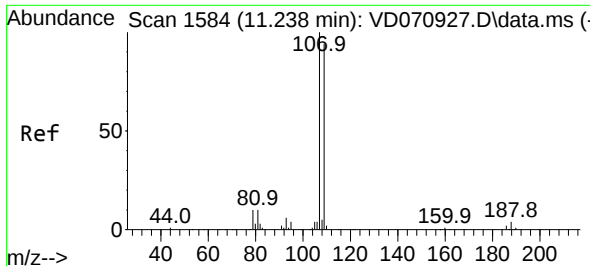


#60
Dibromochloromethane
Concen: 94.014 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20



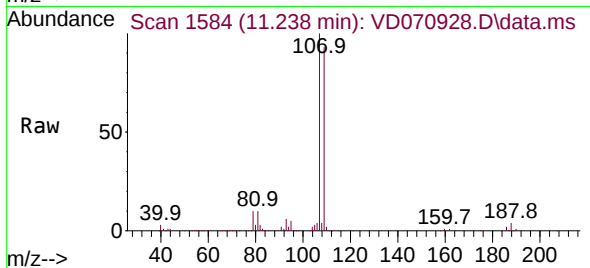
Tgt Ion:129 Resp: 458520
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.6





#61
1,2-Dibromoethane
Concen: 94.150 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

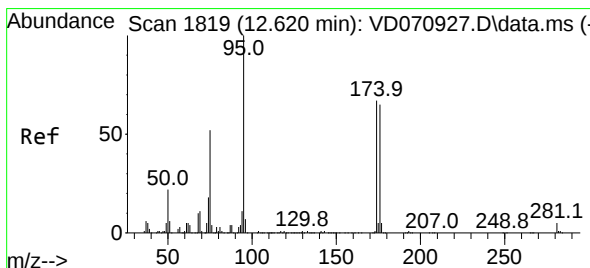
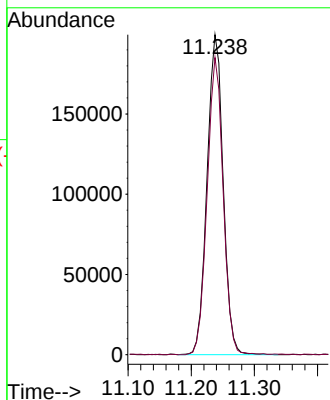
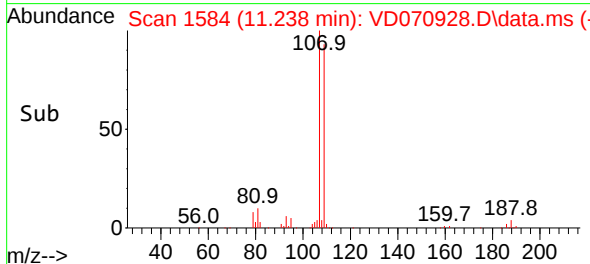
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion:107 Resp: 353329
Ion Ratio Lower Upper
107 100
109 92.2 74.6 112.0

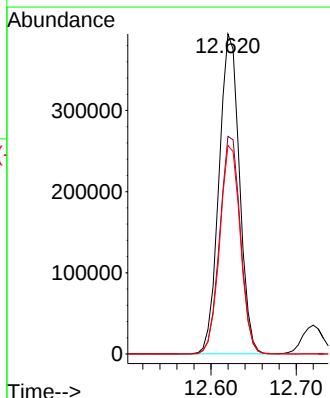
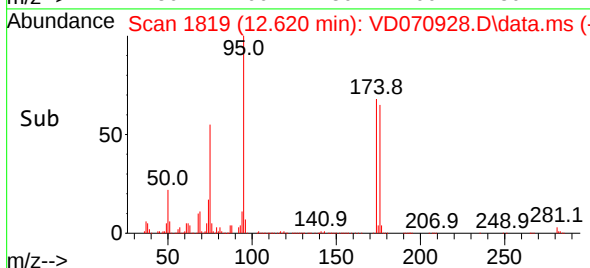
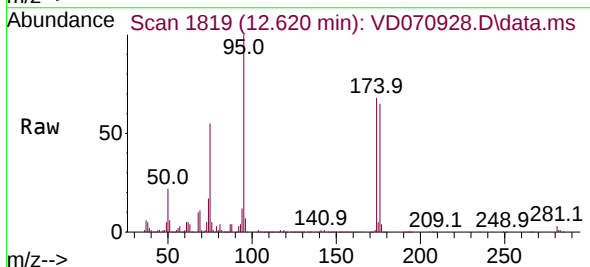
Manual Integrations
APPROVED

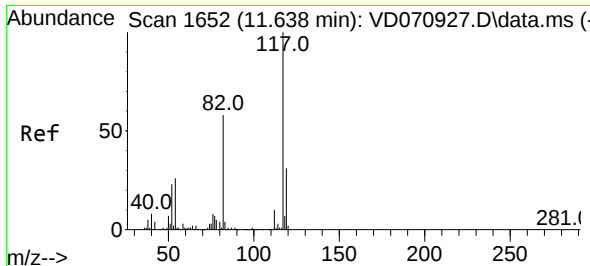
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#62
4-Bromofluorobenzene
Concen: 108.088 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

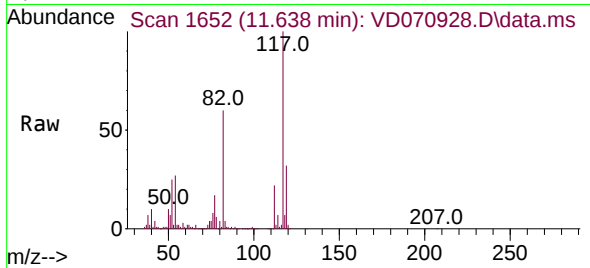
Tgt Ion: 95 Resp: 657852
Ion Ratio Lower Upper
95 100
174 68.9 0.0 159.4
176 65.7 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

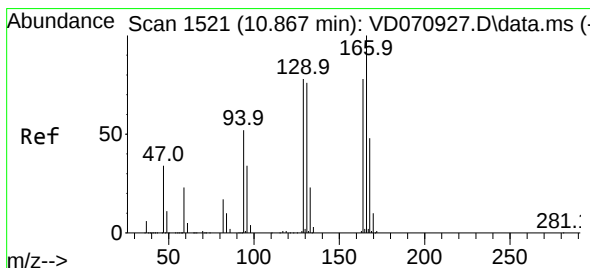
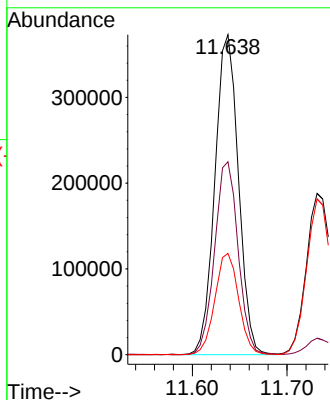
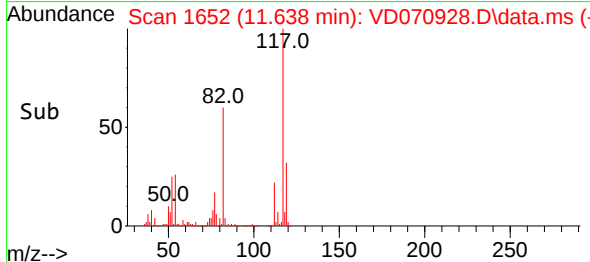
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



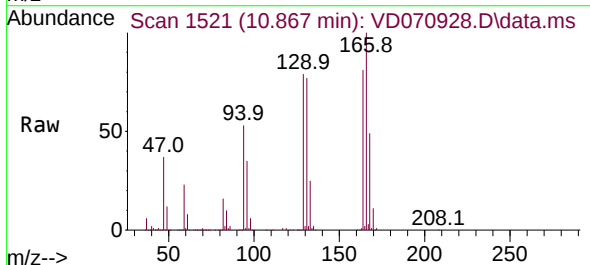
Tgt Ion:117 Resp: 64565
Ion Ratio Lower Upper
117 100
82 60.3 44.7 67.1
119 31.7 26.2 39.4

Manual Integrations
APPROVED

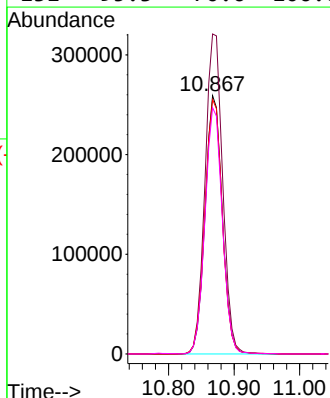
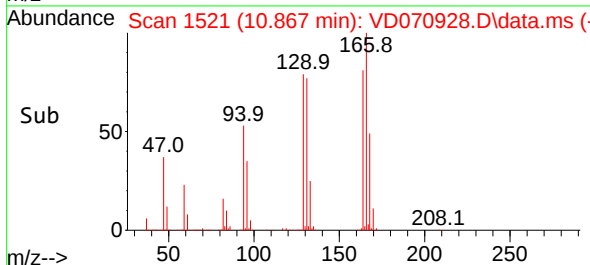
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

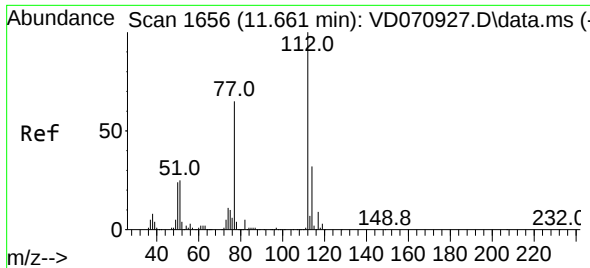


#64
Tetrachloroethene
Concen: 108.068 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20



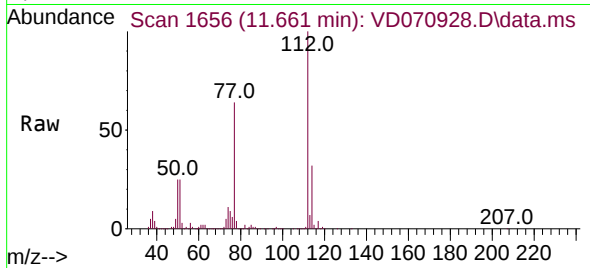
Tgt Ion:164 Resp: 471497
Ion Ratio Lower Upper
164 100
166 123.9 102.6 153.8
129 98.5 75.4 113.0
131 95.3 70.6 106.0





#65
Chlorobenzene
Concen: 107.682 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

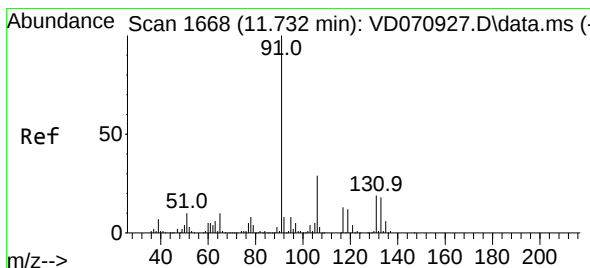
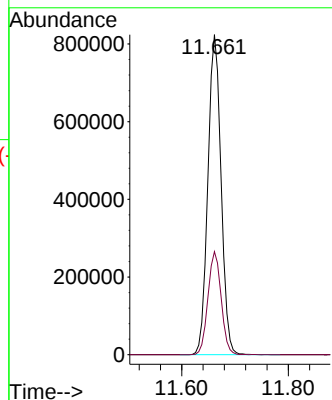
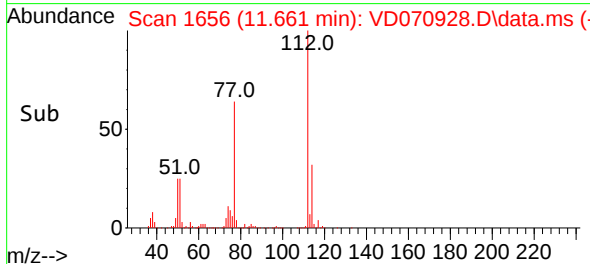
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion:112 Resp: 1409420
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0

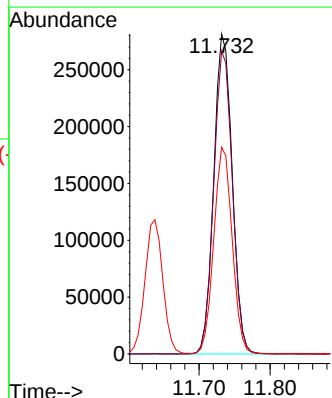
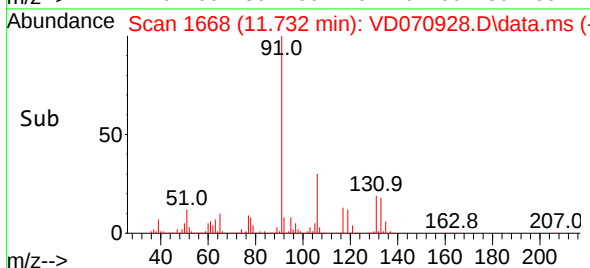
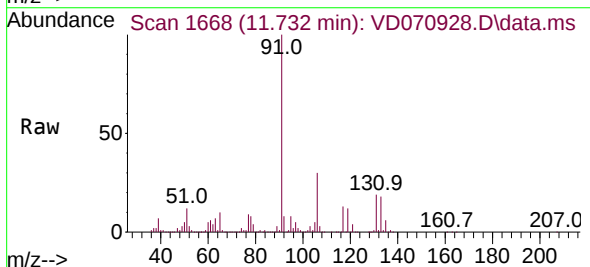
Manual Integrations
APPROVED

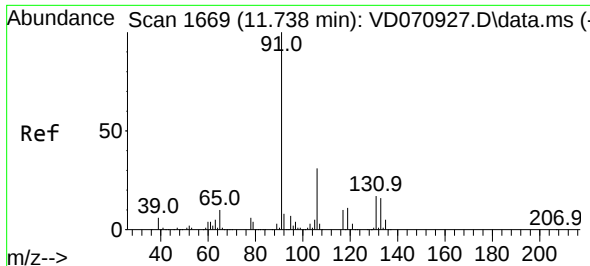
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 104.626 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

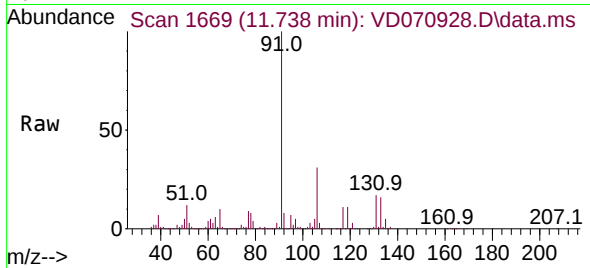
Tgt Ion:131 Resp: 506607
Ion Ratio Lower Upper
131 100
133 95.5 48.0 144.0
119 64.6 33.5 100.4





#67
Ethyl Benzene
Concen: 116.762 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

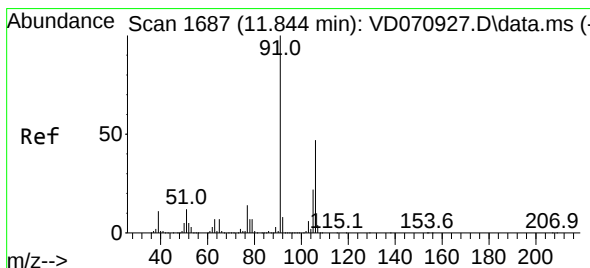
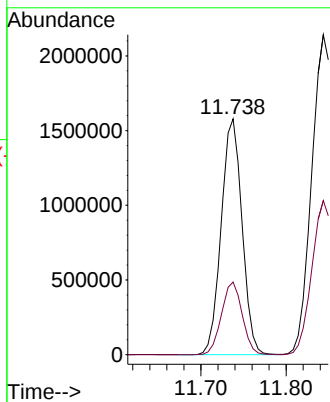
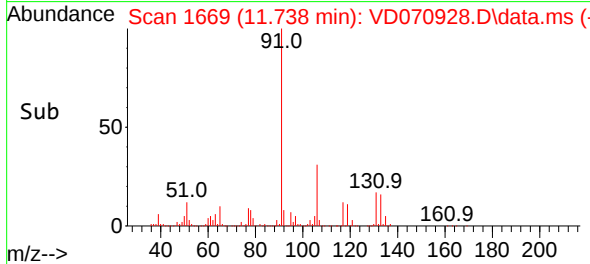
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



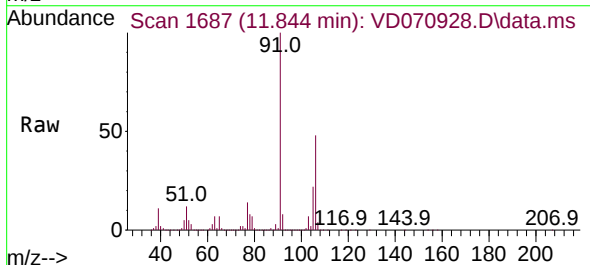
Tgt Ion: 91 Resp: 2677690
Ion Ratio Lower Upper
91 100
106 30.8 24.6 36.8

Manual Integrations
APPROVED

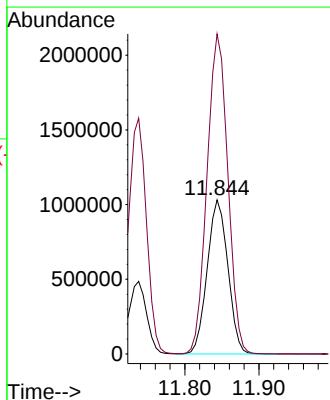
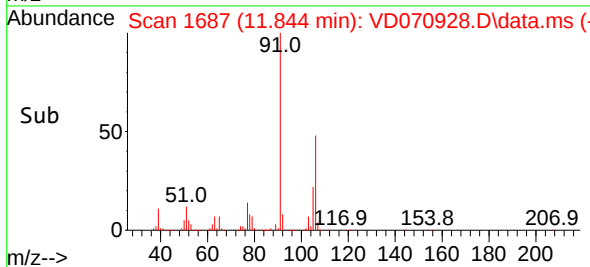
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

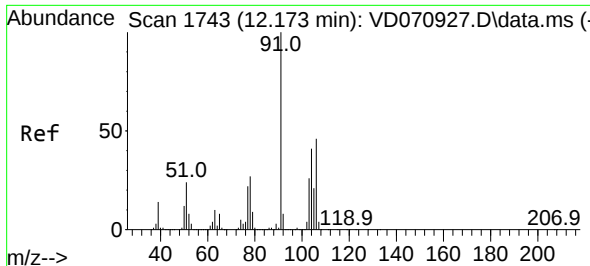


#68
m/p-Xylenes
Concen: 226.324 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20



Tgt Ion:106 Resp: 1996145
Ion Ratio Lower Upper
106 100
91 209.0 160.1 240.1





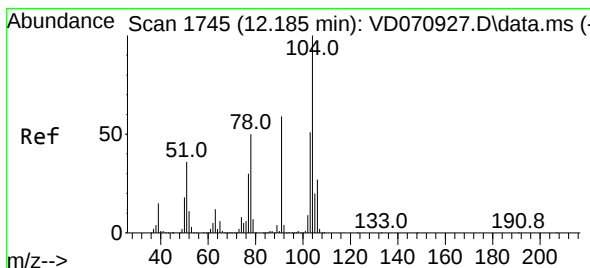
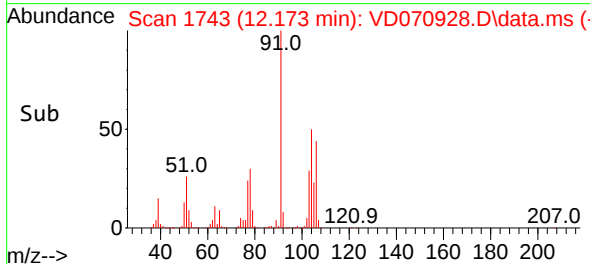
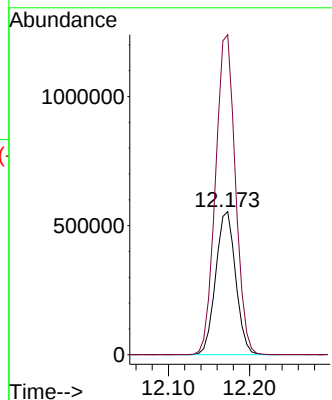
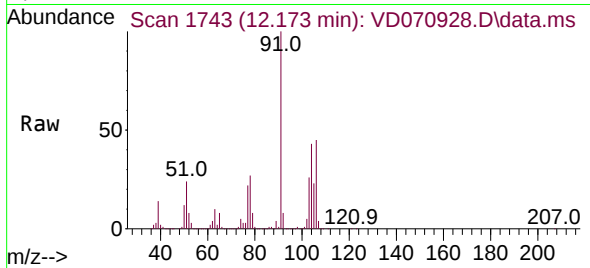
#69
o-Xylene
Concen: 117.088 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 946788
Ion Ratio Lower Upper
106 100
91 223.1 106.3 319.0

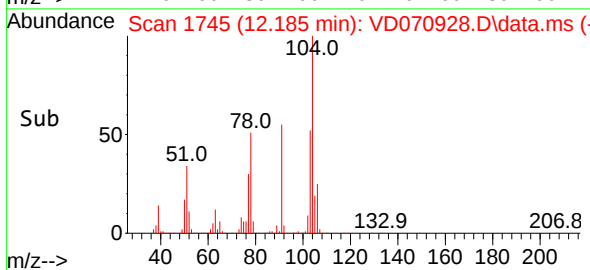
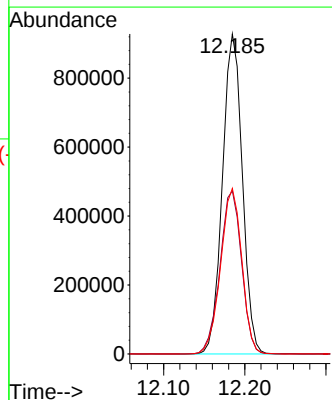
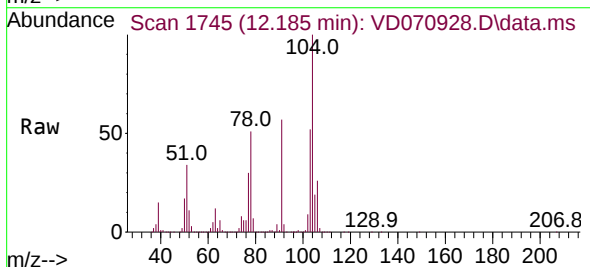
Manual Integrations
APPROVED

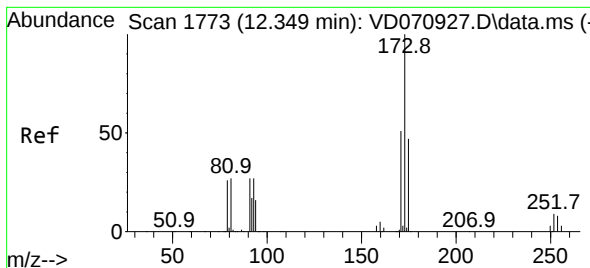
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#70
Styrene
Concen: 114.163 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

Tgt Ion:104 Resp: 1582218
Ion Ratio Lower Upper
104 100
78 55.5 39.4 59.0
103 55.0 43.4 65.0





#71

Bromoform

Concen: 95.725 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VD070928.D

Acq: 05 Nov 2021 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion:173 Resp: 24353

Ion Ratio Lower Upper

173 100

175 47.7 24.1 72.2

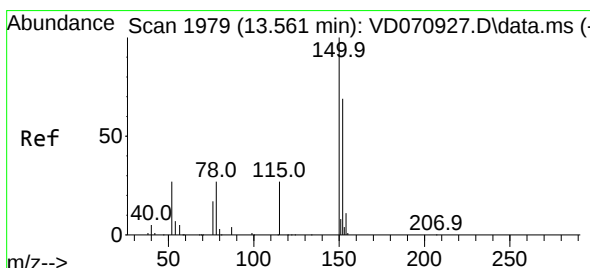
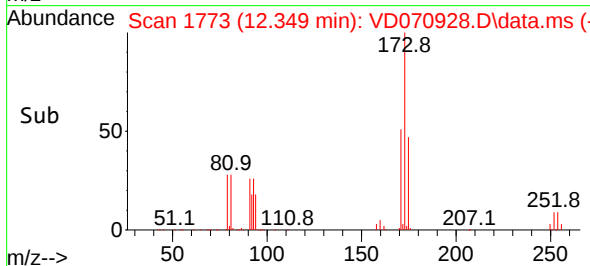
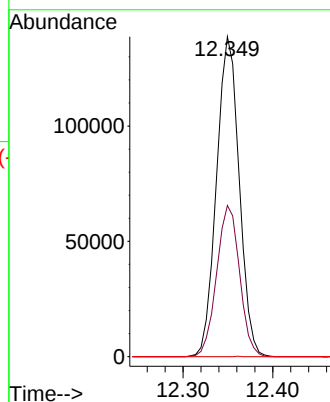
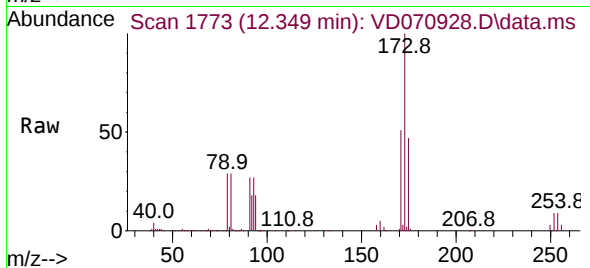
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VD070928.D

Acq: 05 Nov 2021 16:20

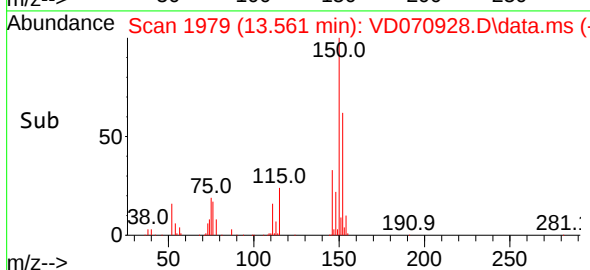
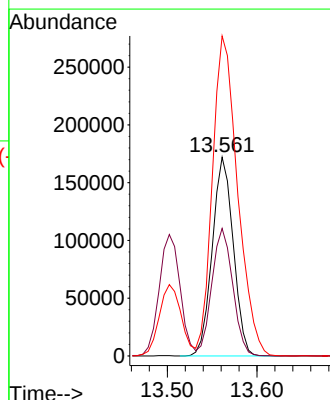
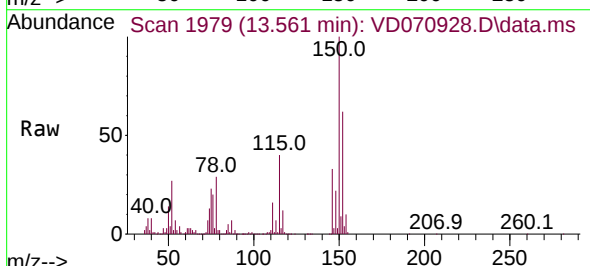
Tgt Ion:152 Resp: 279507

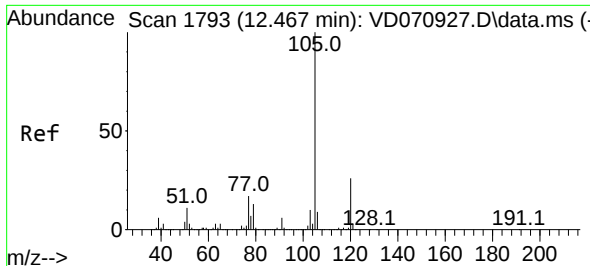
Ion Ratio Lower Upper

152 100

115 63.9 29.8 89.3

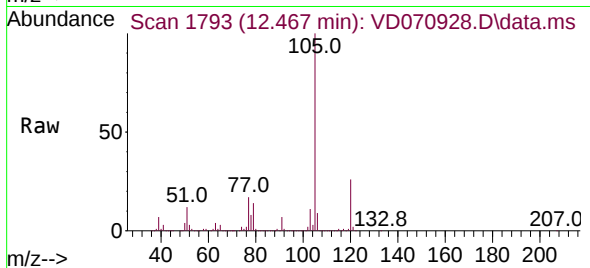
150 192.9 0.0 349.2





#73
Isopropylbenzene
Concen: 133.975 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

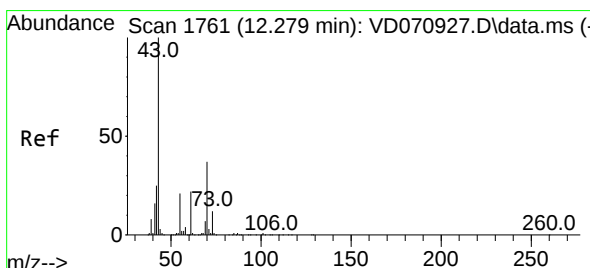
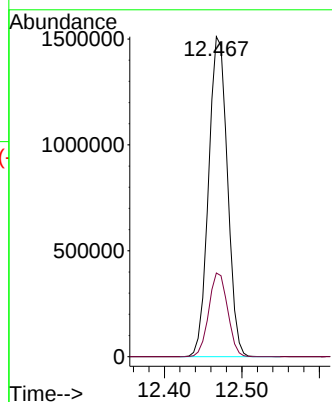
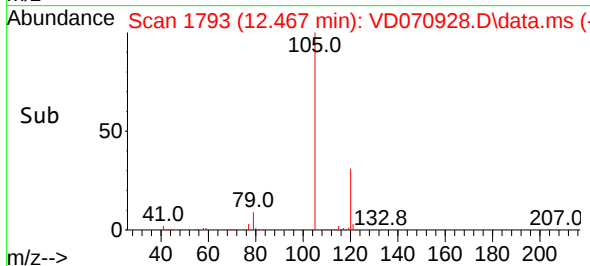
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion:105 Resp: 255039
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5

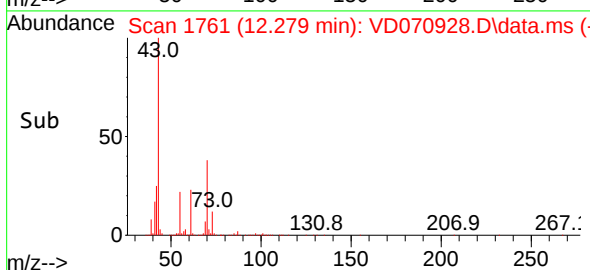
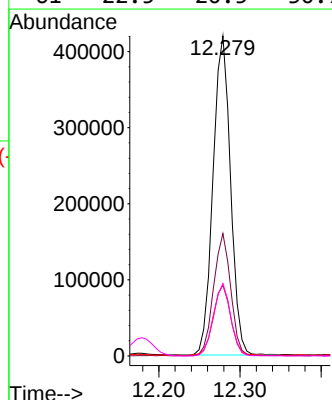
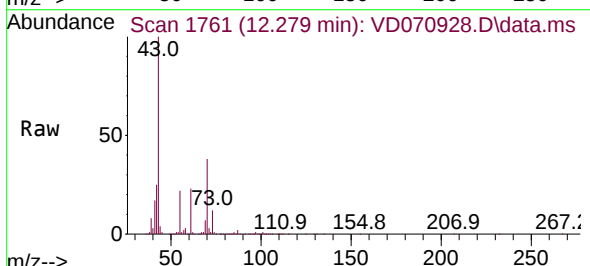
Manual Integrations
APPROVED

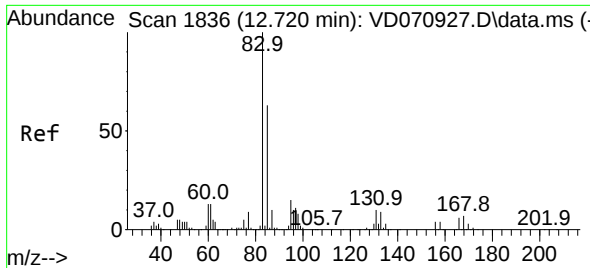
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#74
N-ethyl acetate
Concen: 141.611 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

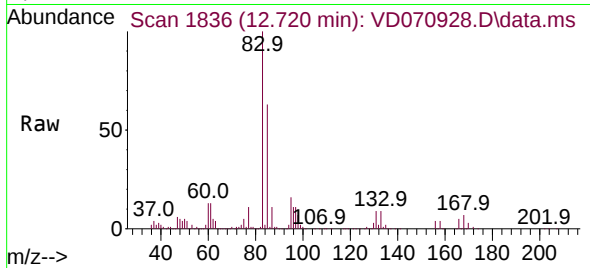
Tgt Ion: 43 Resp: 627758
Ion Ratio Lower Upper
43 100
70 37.6 36.6 55.0
55 22.0 22.5 33.7#
61 22.5 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 97.822 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

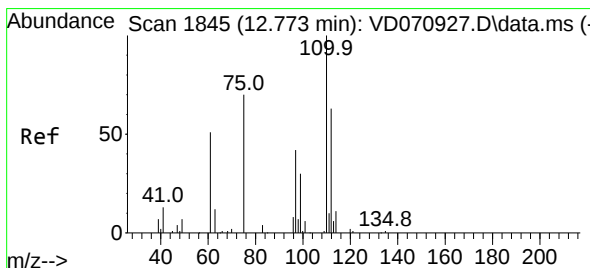
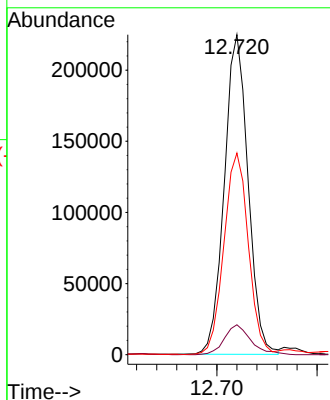
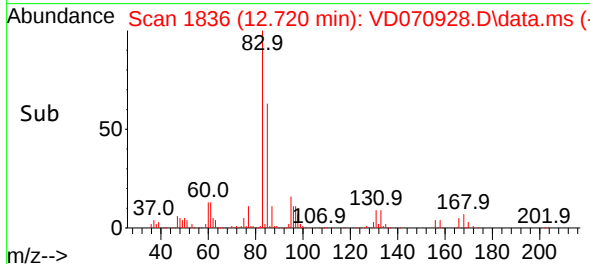
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



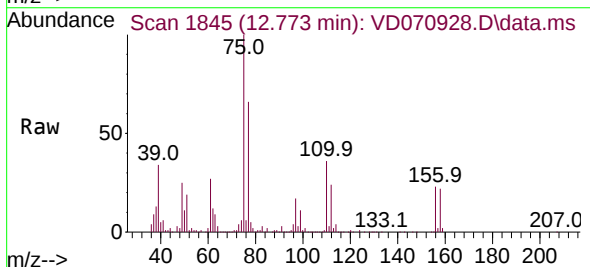
Tgt Ion: 83 Resp: 369978
Ion Ratio Lower Upper
83 100
131 10.4 4.9 14.7
85 64.9 32.0 96.2

Manual Integrations
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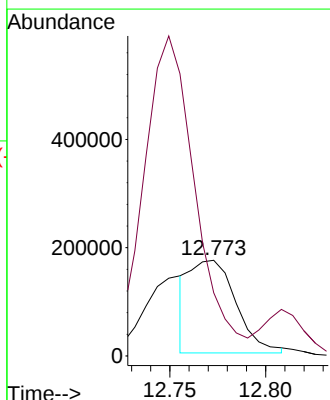
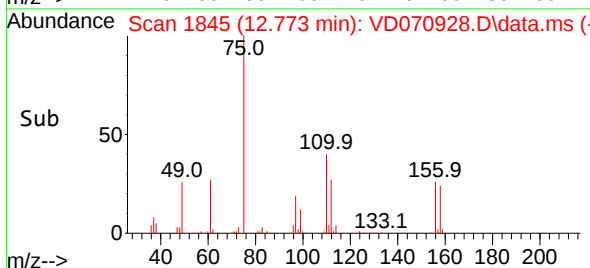
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

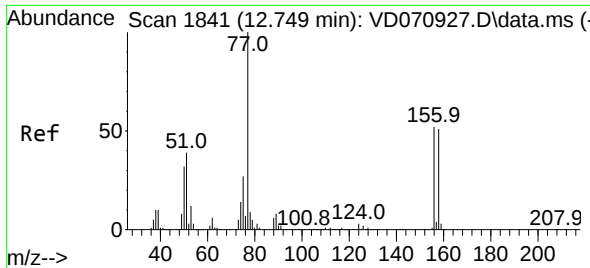


#76
1,2,3-Trichloropropane
Concen: 103.720 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20



Tgt Ion: 75 Resp: 288044
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#





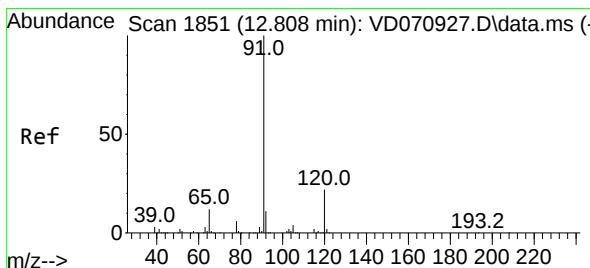
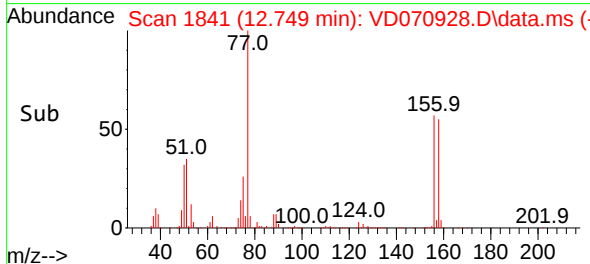
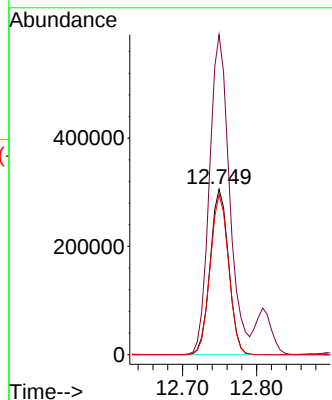
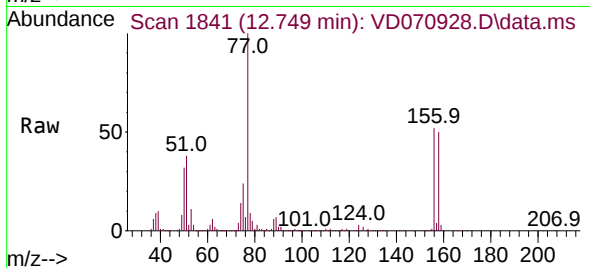
#77
Bromobenzene
Concen: 115.839 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion:156 Resp: 52637
Ion Ratio Lower Upper
156 100
77 211.1 96.6 289.8
158 96.8 49.1 147.4

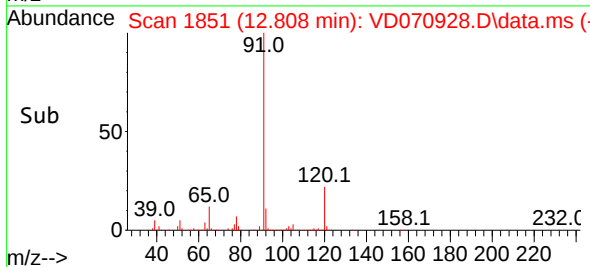
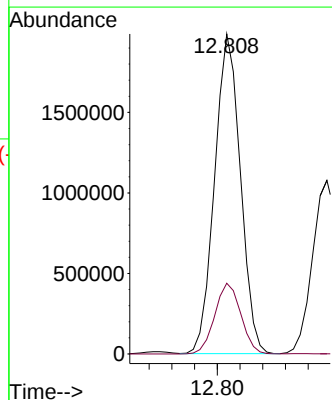
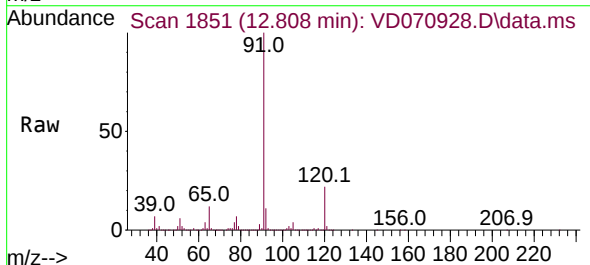
Manual Integrations
APPROVED

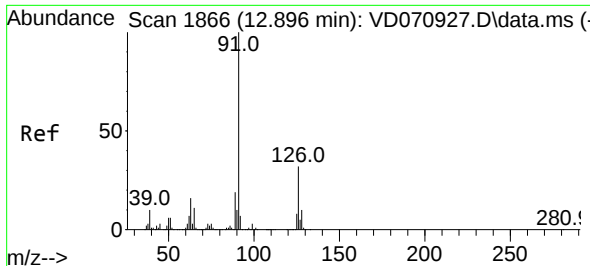
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#78
n-propylbenzene
Concen: 129.013 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

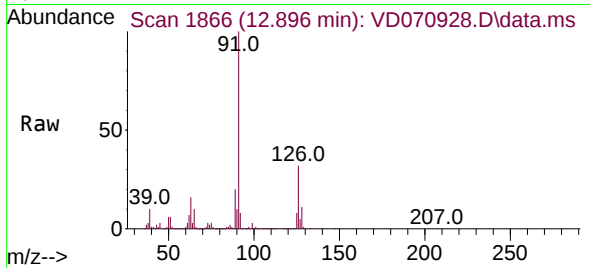
Tgt Ion: 91 Resp: 3124292
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.9





#79
2-Chlorotoluene
Concen: 128.485 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

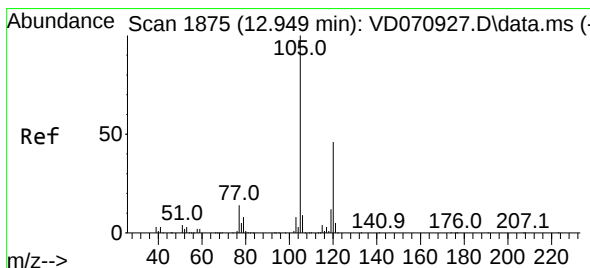
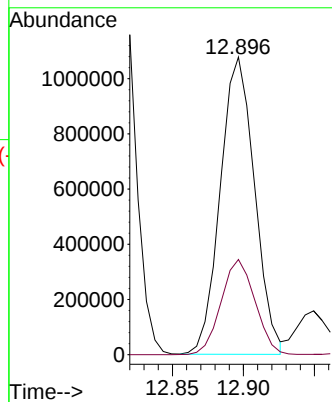
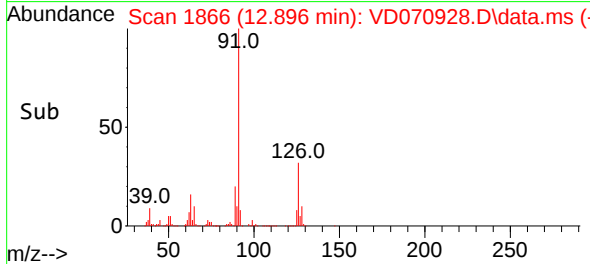
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 180819
Ion Ratio Lower Upper
91 100
126 31.7 16.6 49.7

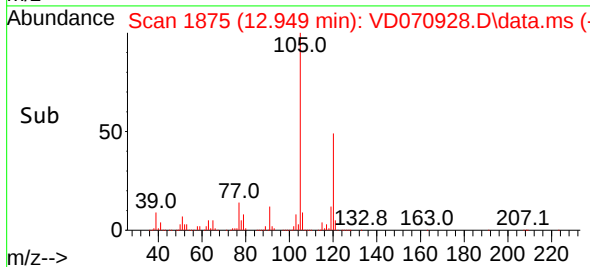
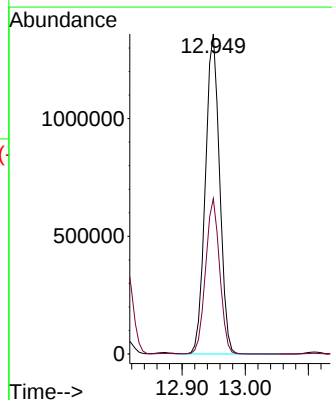
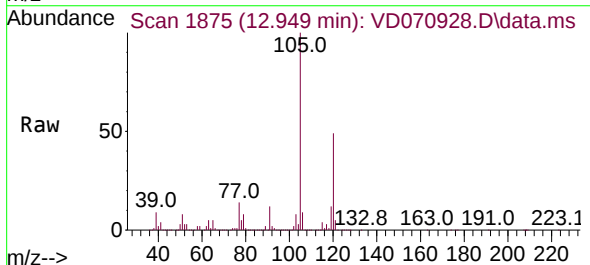
Manual Integrations
APPROVED

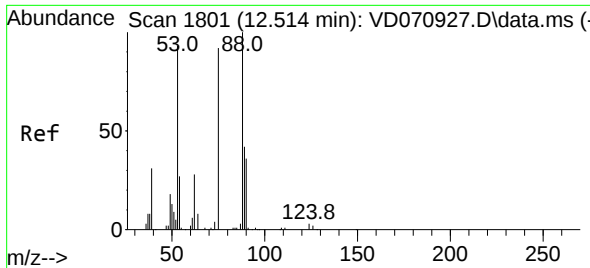
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#80
1,3,5-Trimethylbenzene
Concen: 132.346 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

Tgt Ion:105 Resp: 2122277
Ion Ratio Lower Upper
105 100
120 48.0 24.6 73.8





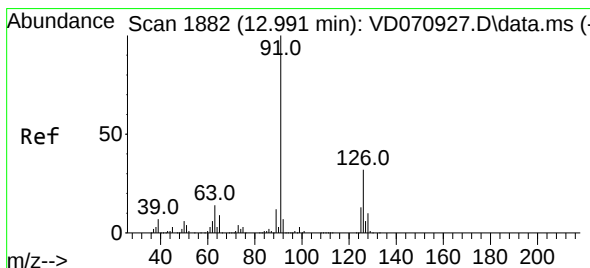
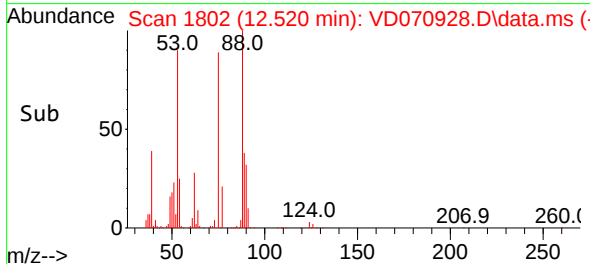
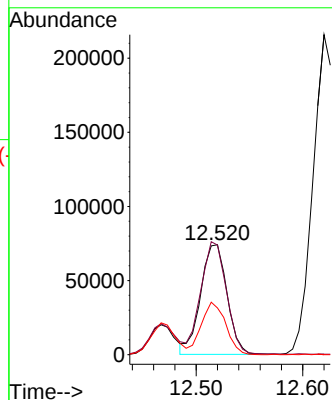
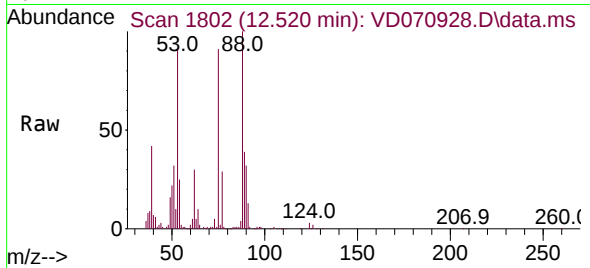
#81
trans-1,4-Dichloro-2-butene
Concen: 119.066 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 12758
Ion Ratio Lower Upper
75 100
53 99.3 62.6 94.0
89 44.4 34.5 51.7

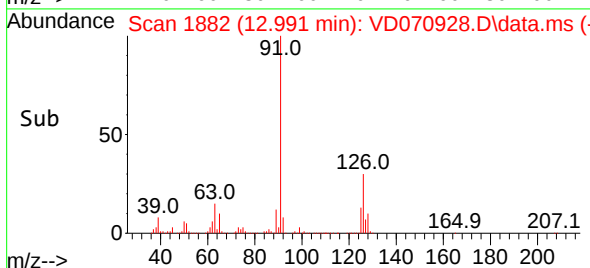
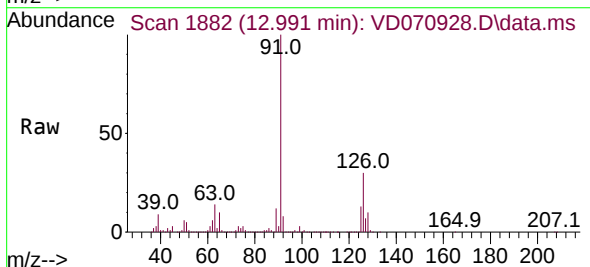
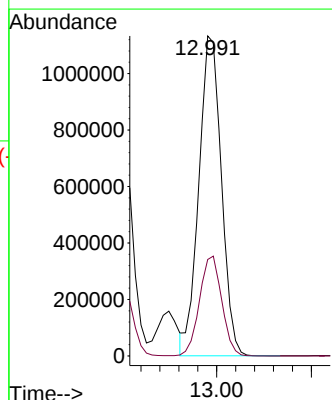
Manual Integrations
APPROVED

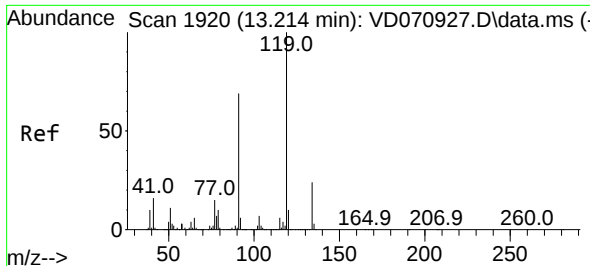
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#82
4-Chlorotoluene
Concen: 128.339 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

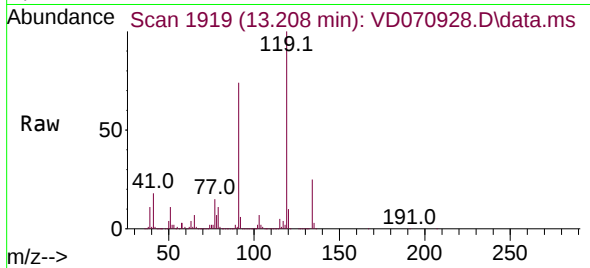
Tgt Ion: 91 Resp: 1874658
Ion Ratio Lower Upper
91 100
126 30.9 16.4 49.1





#83
tert-Butylbenzene
Concen: 134.665 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

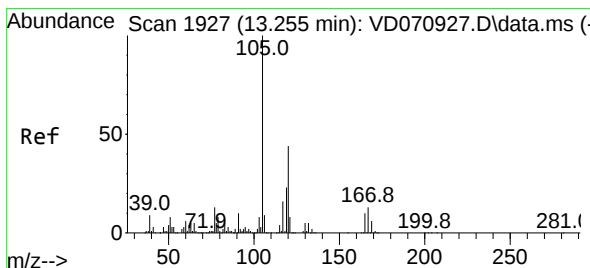
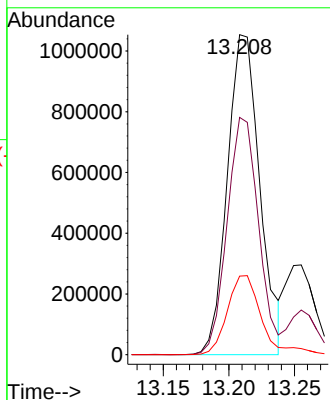
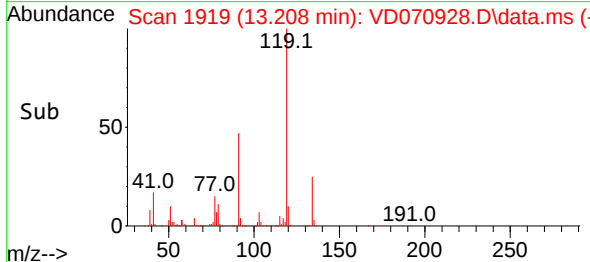
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



Tgt Ion:119 Resp: 182000
Ion Ratio Lower Upper
119 100
91 71.5 32.5 97.5
134 26.0 13.2 39.6

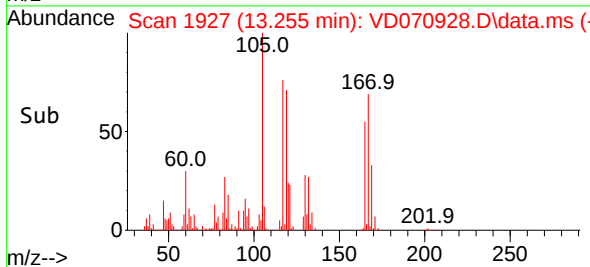
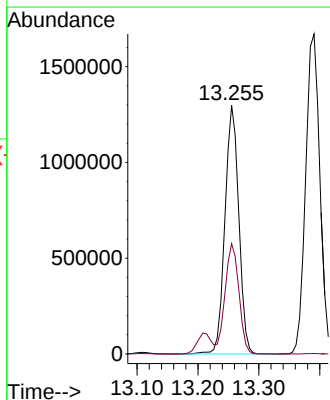
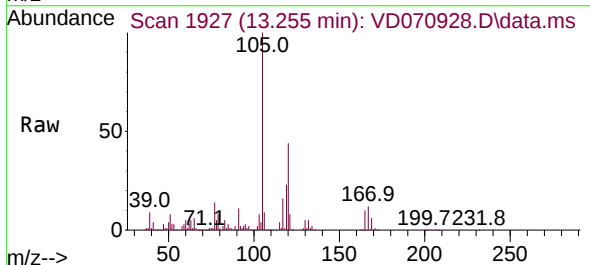
Manual Integrations
APPROVED

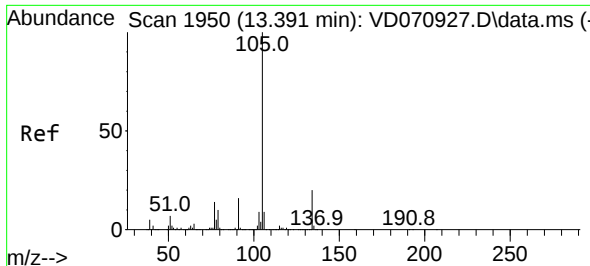
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#84
1,2,4-Trimethylbenzene
Concen: 130.061 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

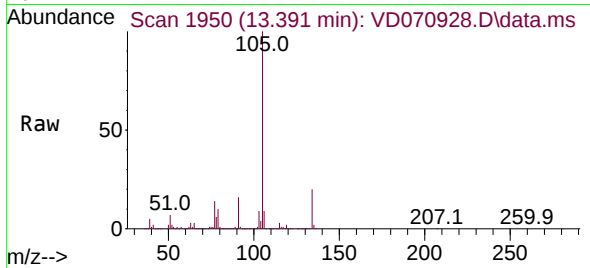
Tgt Ion:105 Resp: 2050182
Ion Ratio Lower Upper
105 100
120 44.6 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 128.366 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD070928.D
 Acq: 05 Nov 2021 16:20

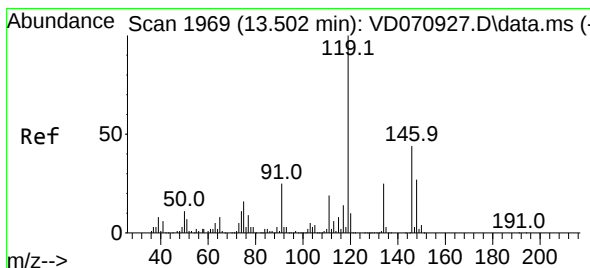
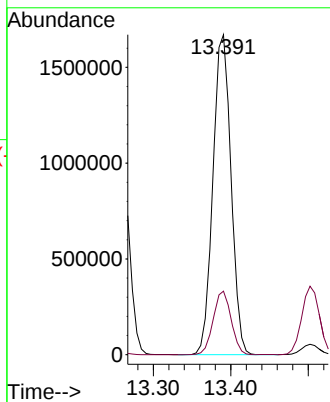
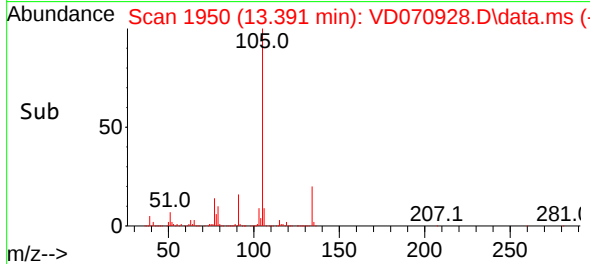
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100



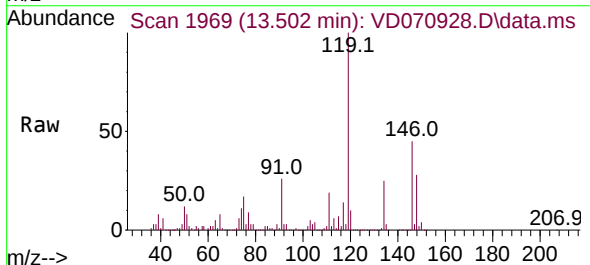
Tgt Ion:105 Resp: 2703548
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 28.9

Manual Integrations
 APPROVED

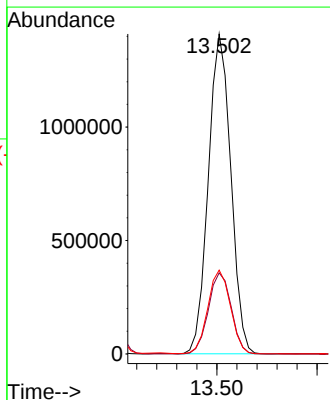
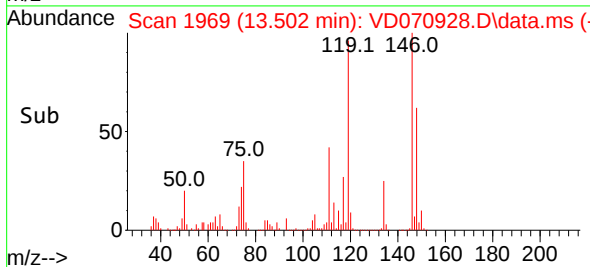
Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021

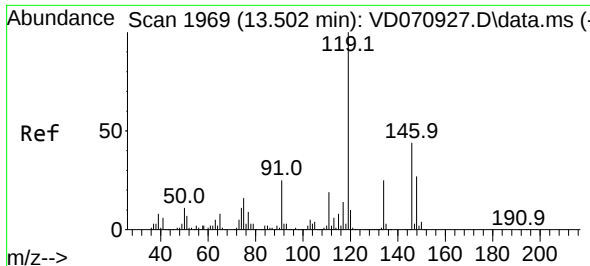


#86
 p-Isopropyltoluene
 Concen: 129.761 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD070928.D
 Acq: 05 Nov 2021 16:20



Tgt Ion:119 Resp: 2198926
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 26.2 11.4 34.2





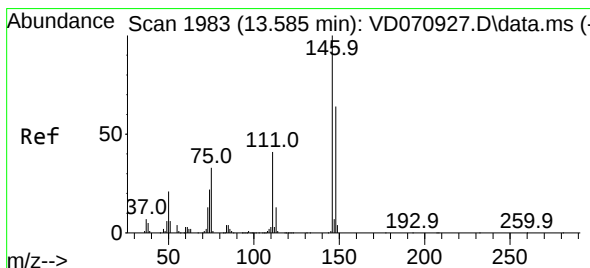
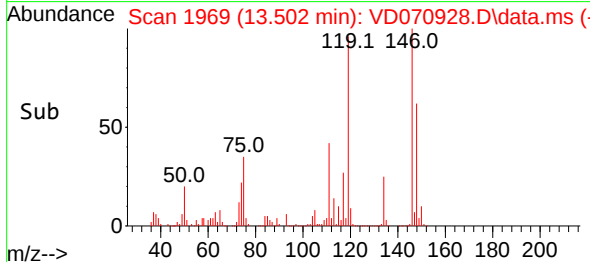
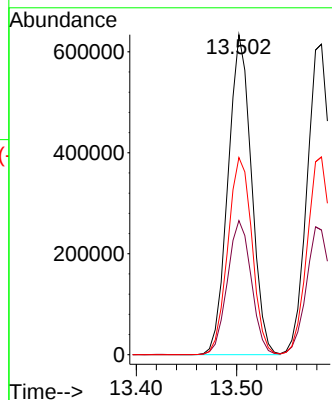
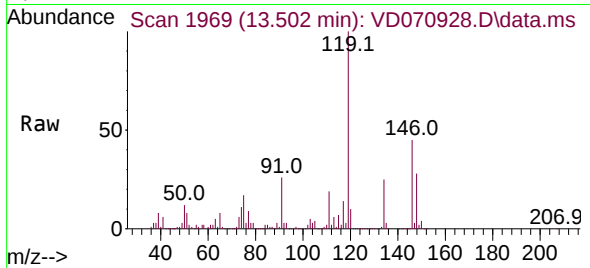
#87
1,3-Dichlorobenzene
Concen: 110.575 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 102866
Ion Ratio Lower Upper
146 100
111 42.6 19.8 59.4
148 63.5 32.1 96.3

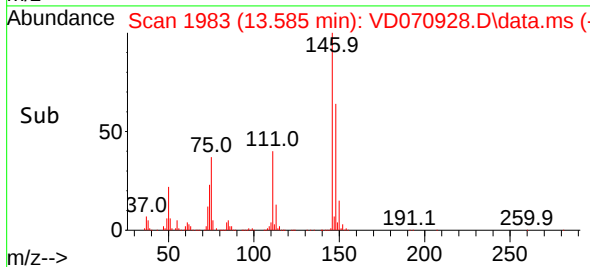
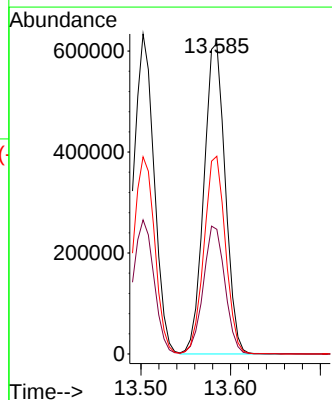
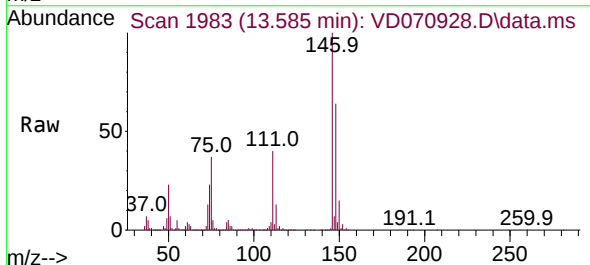
Manual Integrations
APPROVED

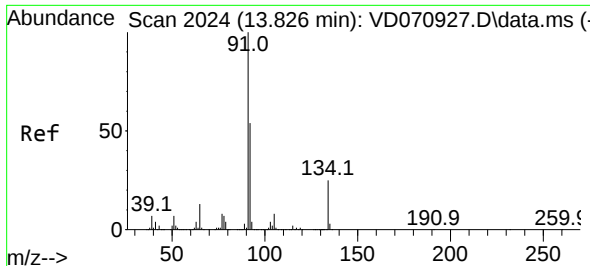
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#88
1,4-Dichlorobenzene
Concen: 110.026 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

Tgt Ion:146 Resp: 1018285
Ion Ratio Lower Upper
146 100
111 41.5 19.6 58.8
148 64.0 31.5 94.5





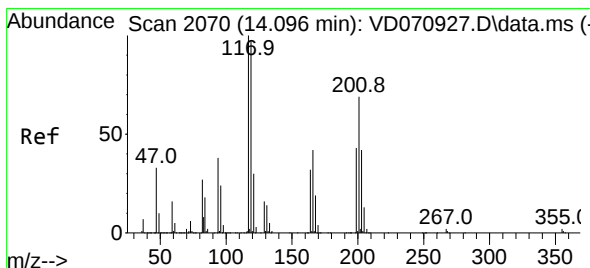
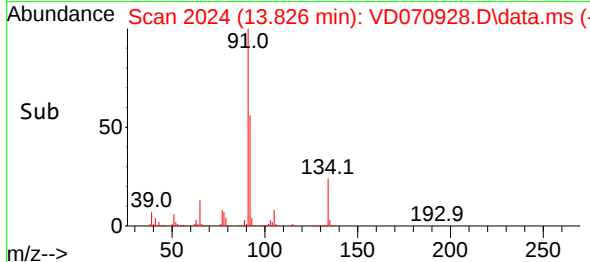
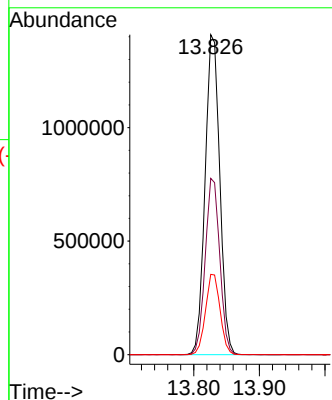
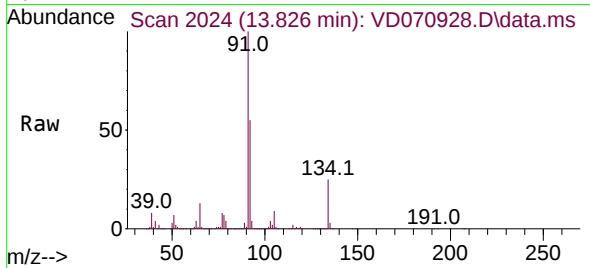
#89
n-Butylbenzene
Concen: 131.259 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 219620
Ion Ratio Lower Upper
91 100
92 54.7 27.3 81.9
134 25.0 12.3 36.9

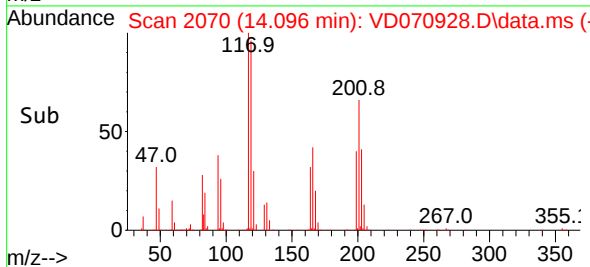
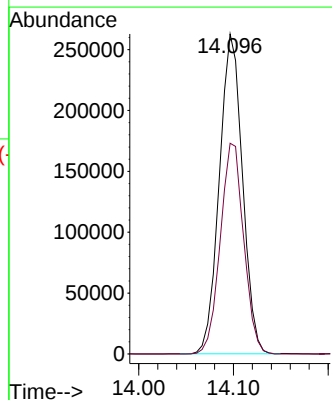
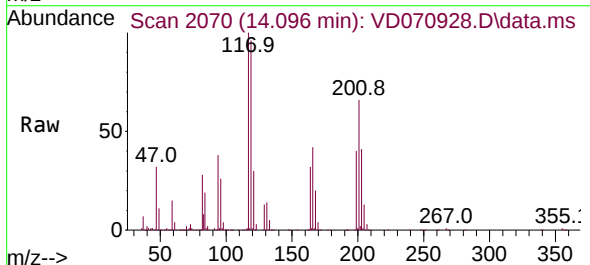
Manual Integrations
APPROVED

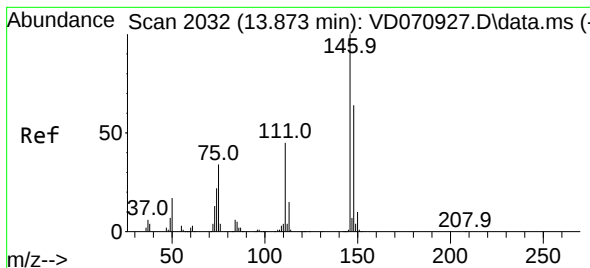
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#90
Hexachloroethane
Concen: 117.529 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD070928.D
Acq: 05 Nov 2021 16:20

Tgt Ion:117 Resp: 445196
Ion Ratio Lower Upper
117 100
201 66.7 36.0 108.1





#91

1,2-Dichlorobenzene

Concen: 110.840 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD070928.D

Acq: 05 Nov 2021 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion:146 Resp: 88236

Ion Ratio Lower Upper

146 100

111 44.6 20.8 62.2

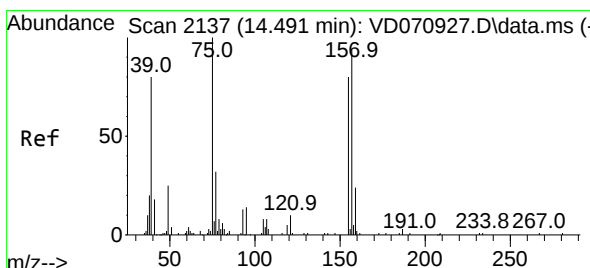
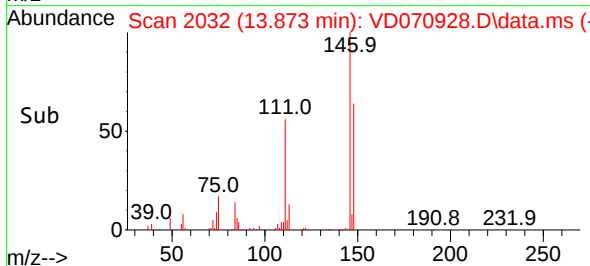
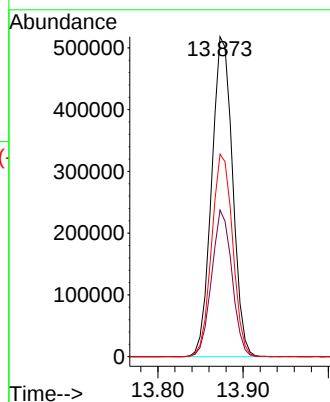
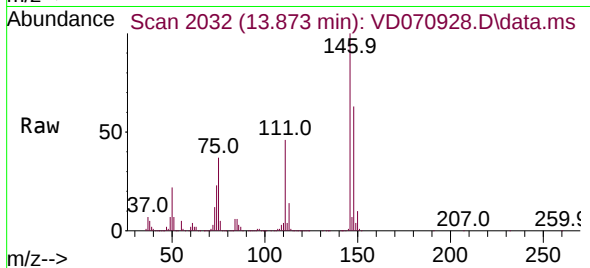
148 63.7 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#92

1,2-Dibromo-3-Chloropropane

Concen: 112.955 ug/l

RT: 14.490 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VD070928.D

Acq: 05 Nov 2021 16:20

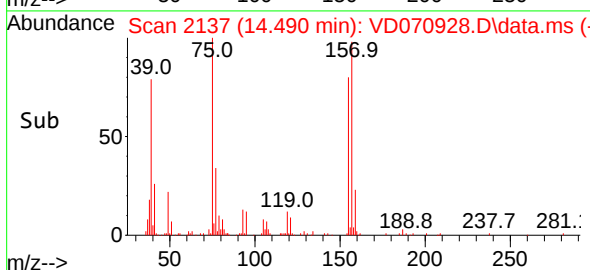
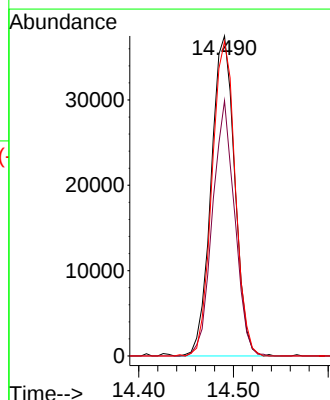
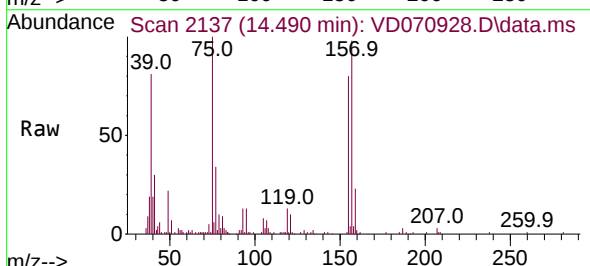
Tgt Ion: 75 Resp: 64763

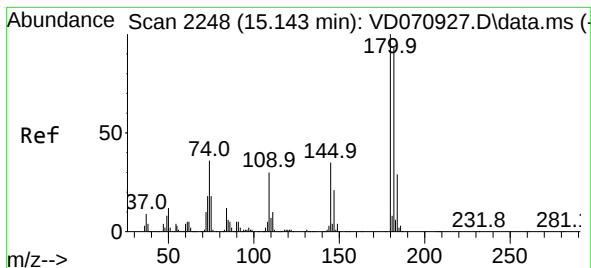
Ion Ratio Lower Upper

75 100

155 74.8 40.0 120.0

157 96.6 49.8 149.3





#93

1,2,4-Trichlorobenzene

Concen: 121.173 ug/l

RT: 15.143 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD070928.D

Acq: 05 Nov 2021 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 56974

Ion Ratio Lower Upper

180 100

182 94.6 48.2 144.6

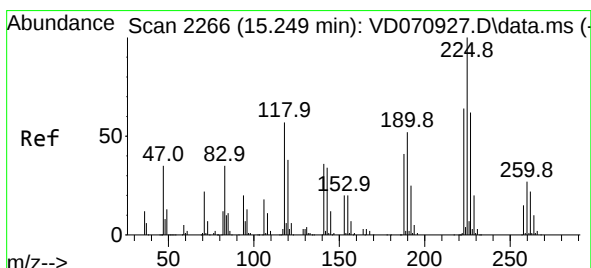
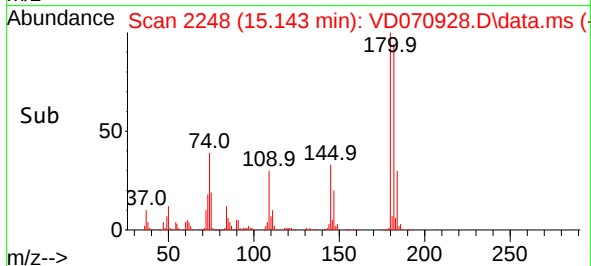
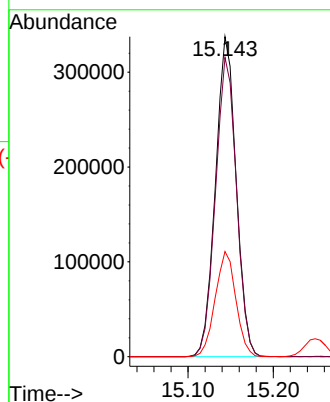
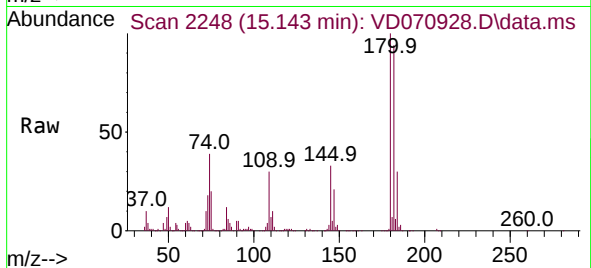
145 32.8 15.4 46.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#94

Hexachlorobutadiene

Concen: 103.020 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. -0.000 min

Lab File: VD070928.D

Acq: 05 Nov 2021 16:20

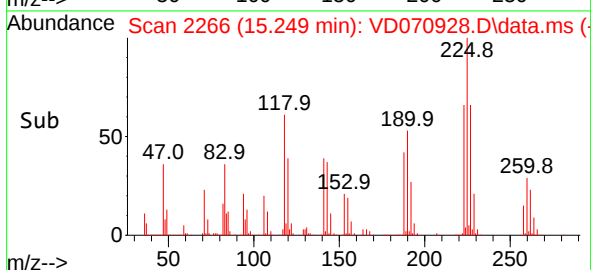
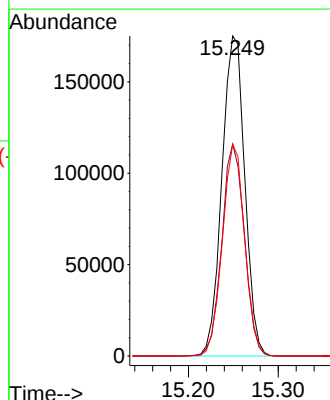
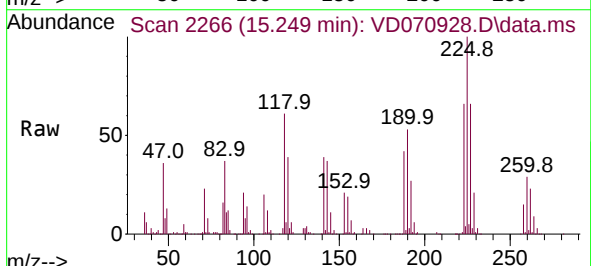
Tgt Ion:225 Resp: 309928

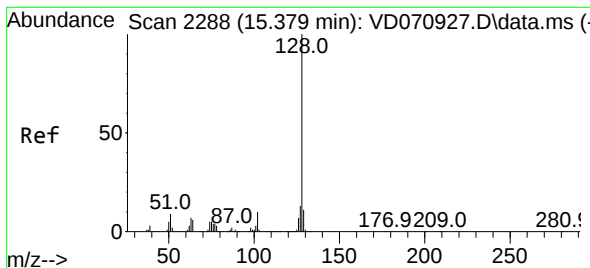
Ion Ratio Lower Upper

225 100

223 65.0 31.8 95.3

227 64.4 31.6 94.8





#95

Naphthalene

Concen: 126.173 ug/l

RT: 15.385 min Scan# 2288

Delta R.T. 0.006 min

Lab File: VD070928.D

Acq: 05 Nov 2021 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion:128 Resp: 101818

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

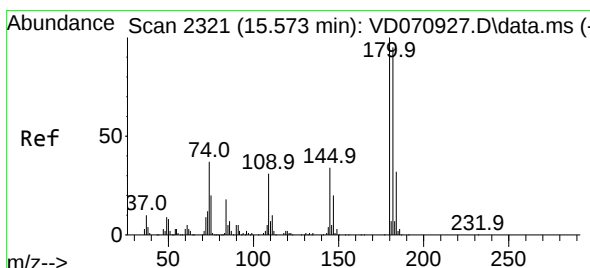
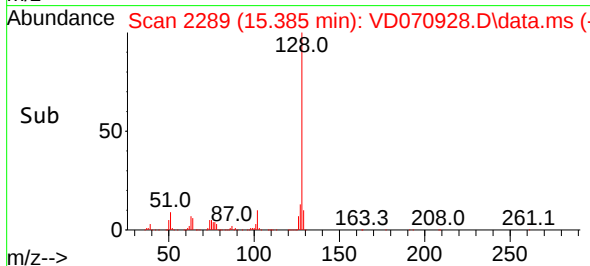
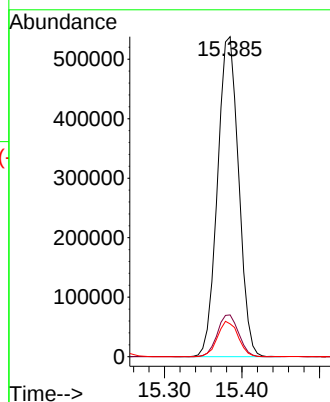
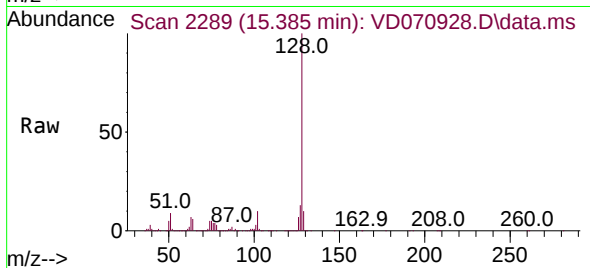
129 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#96

1,2,3-Trichlorobenzene

Concen: 118.175 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD070928.D

Acq: 05 Nov 2021 16:20

Tgt Ion:180 Resp: 477072

Ion Ratio Lower Upper

180 100

182 95.3 46.7 140.1

145 35.8 15.9 47.6

