

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110521\
 Data File : VD070927.D
 Acq On : 05 Nov 2021 15:20
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Nov 06 23:28:09 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

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	456403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	796135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	703558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	312201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	268970	56.543	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.080%			
35) Dibromofluoromethane	7.914	113	235371	45.584	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.160%			
50) Toluene-d8	10.332	98	917625	47.268	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.540%			
62) 4-Bromofluorobenzene	12.620	95	338637	51.780	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	234507	53.915	ug/l	95
3) Chloromethane	2.209	50	230250	39.966	ug/l	99
4) Vinyl Chloride	2.350	62	232061	36.816	ug/l	100
5) Bromomethane	2.768	94	136601	30.580	ug/l	100
6) Chloroethane	2.921	64	144318	36.963	ug/l	91
7) Trichlorofluoromethane	3.273	101	441163	53.163	ug/l	98
8) Diethyl Ether	3.703	74	125436	54.816	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.097	101	255076	48.352	ug/l	95
10) Methyl Iodide	4.303	142	279368	60.483	ug/l	97
11) Tert butyl alcohol	5.220	59	91471	342.531	ug/l	96
12) 1,1-Dichloroethene	4.068	96	240713	52.218	ug/l #	80
13) Acrolein	3.920	56	28121	140.059	ug/l	97
14) Allyl chloride	4.715	41	518936	68.099	ug/l #	84
15) Acrylonitrile	5.420	53	297362	272.117	ug/l	97
16) Acetone	4.156	43	362193	327.305	ug/l	89
17) Carbon Disulfide	4.409	76	793244	49.300	ug/l	98
18) Methyl Acetate	4.720	43	219839	58.088	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	625290	62.922	ug/l	99
20) Methylene Chloride	4.967	84	279282	38.292	ug/l	90
21) trans-1,2-Dichloroethene	5.473	96	276421	51.023	ug/l	87
22) Diisopropyl ether	6.362	45	945525	61.674	ug/l	95
23) Vinyl Acetate	6.303	43	2329782	329.000	ug/l	96
24) 1,1-Dichloroethane	6.262	63	533135	52.526	ug/l	99
25) 2-Butanone	7.209	43	426454	313.773	ug/l #	88
26) 2,2-Dichloropropane	7.203	77	494499	59.493	ug/l	95
27) cis-1,2-Dichloroethene	7.209	96	308162	52.696	ug/l	90
28) Bromochloromethane	7.544	49	208447	52.566	ug/l	90
29) Tetrahydrofuran	7.561	42	256158	311.640	ug/l	93
30) Chloroform	7.709	83	517555	50.983	ug/l	99
31) Cyclohexane	7.985	56	536639	56.309	ug/l	100
32) 1,1,1-Trichloroethane	7.897	97	475527	54.242	ug/l	95
36) 1,1-Dichloropropene	8.108	75	415567	50.566	ug/l	98
37) Ethyl Acetate	7.291	43	183638	58.515	ug/l #	91
38) Carbon Tetrachloride	8.091	117	406924	49.072	ug/l	99
39) Methylcyclohexane	9.350	83	529677	55.274	ug/l	99
40) Benzene	8.350	78	1097937	46.650	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	106621	61.453	ug/l #	81
42) 1,2-Dichloroethane	8.420	62	346441	55.225	ug/l	94
43) Isopropyl Acetate	8.450	43	372662	62.289	ug/l	91
44) Trichloroethene	9.108	130	297086	48.056	ug/l	96
45) 1,2-Dichloropropane	9.385	63	291519	46.517	ug/l	99
46) Dibromomethane	9.473	93	144820	46.977	ug/l	95
47) Bromodichloromethane	9.655	83	391323	48.573	ug/l	99
48) Methyl methacrylate	9.450	41	194031	67.525	ug/l #	82
49) 1,4-Dioxane	9.455	88	33503	1009.224	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	911756	296.874	ug/l	92
52) Toluene	10.397	92	701414	49.368	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	392412	55.008	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	453228	51.822	ug/l #	80
55) 1,1,2-Trichloroethane	10.791	97	189646	43.743	ug/l	95
56) Ethyl methacrylate	10.655	69	283600	57.525	ug/l #	78
57) 1,3-Dichloropropane	10.938	76	354586	48.104	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	634129	290.159	ug/l	99
59) 2-Hexanone	10.973	43	670467	306.594	ug/l	91
60) Dibromochloromethane	11.132	129	243128	46.393	ug/l	100
61) 1,2-Dibromoethane	11.238	107	191343	47.450	ug/l	99
64) Tetrachloroethene	10.867	164	236506	49.746	ug/l	95
65) Chlorobenzene	11.661	112	713654	50.037	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	258225	48.940	ug/l	99
67) Ethyl Benzene	11.738	91	1357743	54.332	ug/l	100
68) m/p-Xylenes	11.844	106	1003489	104.412	ug/l	92
69) o-Xylene	12.173	106	482723	54.784	ug/l	95
70) Styrene	12.185	104	803529	53.206	ug/l	95
71) Bromoform	12.349	173	133480	48.148	ug/l #	100
73) Isopropylbenzene	12.467	105	1304356	61.344	ug/l	99
74) N-amyl acetate	12.279	43	359870	72.679	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	209545	49.602	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	169974m	54.795	ug/l	
77) Bromobenzene	12.749	156	268922	52.984	ug/l	89
78) n-propylbenzene	12.808	91	1589485	58.762	ug/l	99
79) 2-Chlorotoluene	12.896	91	905705	57.617	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	1068075	59.631	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.514	75	71996	60.152	ug/l #	84
82) 4-Chlorotoluene	12.991	91	932383	57.147	ug/l	98
83) tert-Butylbenzene	13.214	119	926263	61.359	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	1040330	59.086	ug/l	97
85) sec-Butylbenzene	13.391	105	1365417	58.042	ug/l	99
86) p-Isopropyltoluene	13.502	119	1117317	59.029	ug/l	96
87) 1,3-Dichlorobenzene	13.502	146	521335	50.172	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	523335	50.625	ug/l	97
89) n-Butylbenzene	13.826	91	1105617	59.159	ug/l	100
90) Hexachloroethane	14.096	117	219488	51.875	ug/l	93
91) 1,2-Dichlorobenzene	13.873	146	455008	51.171	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	38065	59.438	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	294838	56.139	ug/l	97
94) Hexachlorobutadiene	15.249	225	157230	46.790	ug/l	99
95) Naphthalene	15.379	128	569365	63.167	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	249200	55.265	ug/l	97

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

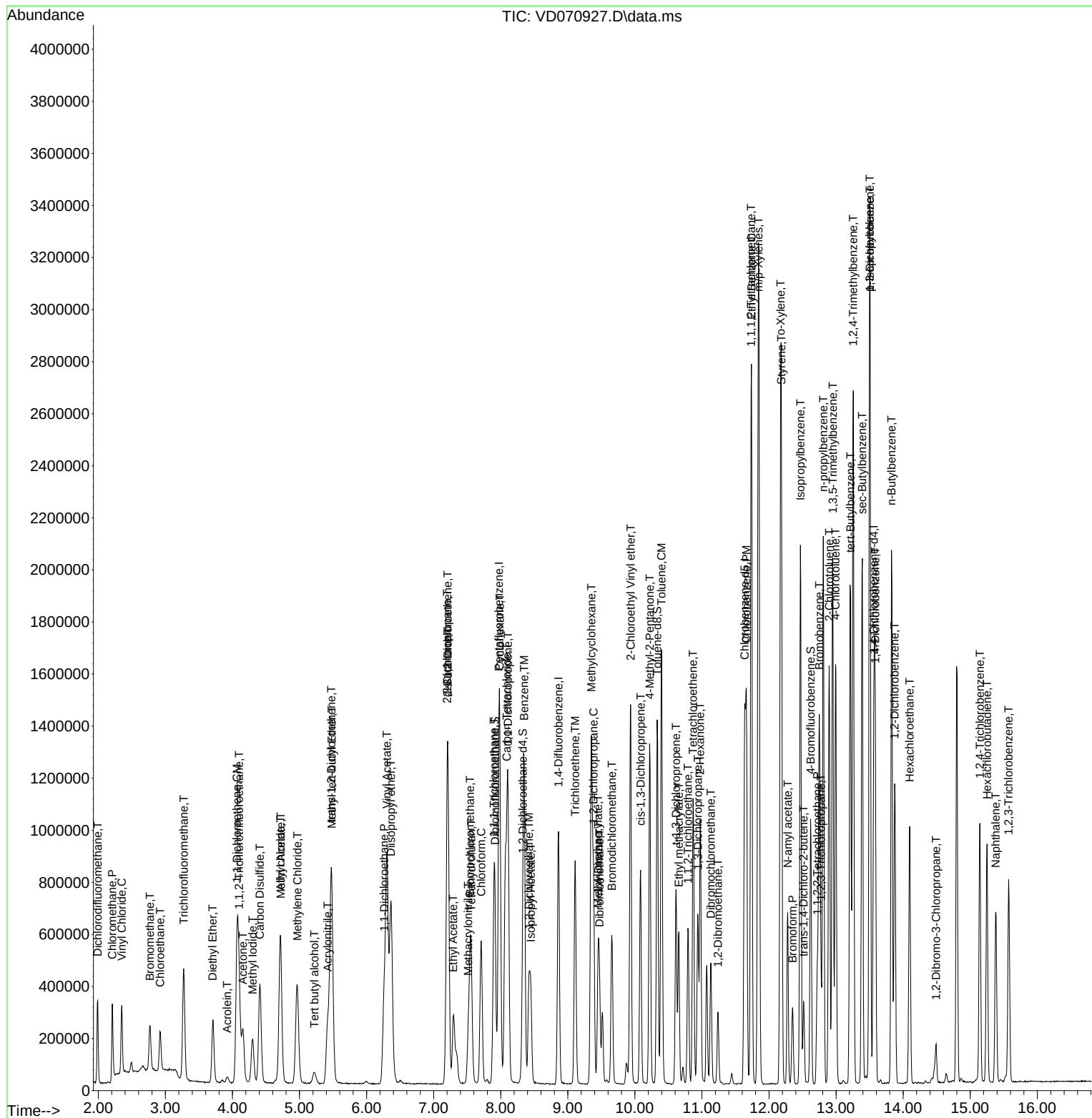
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110521\
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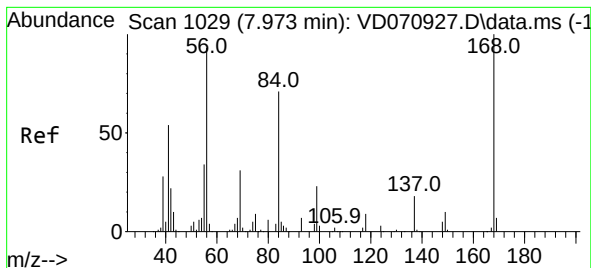
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD070927.D

Acq: 05 Nov 2021 15:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion:168 Resp: 45640

Ion Ratio Lower Upper

168 100

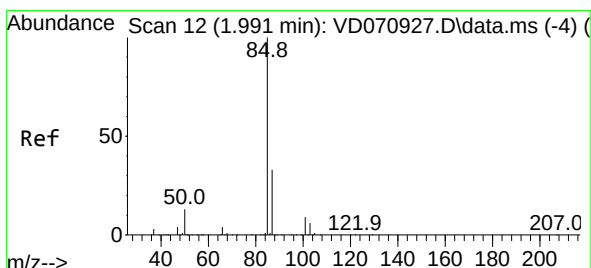
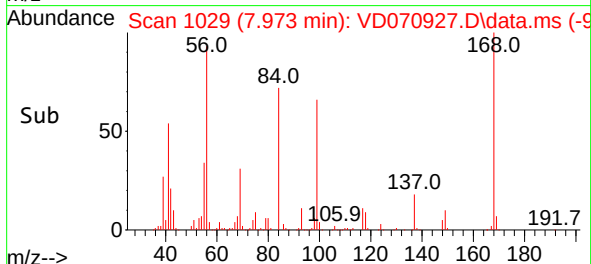
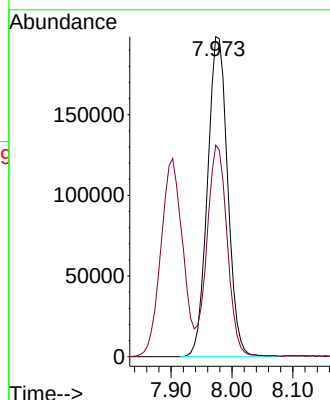
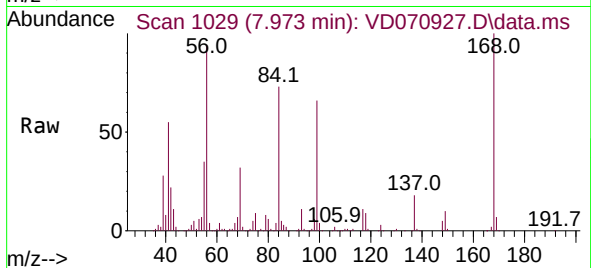
99 65.8 46.6 69.8

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 53.915 ug/l

RT: 1.991 min Scan# 12

Delta R.T. 0.000 min

Lab File: VD070927.D

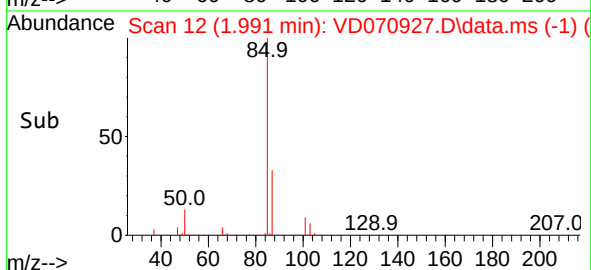
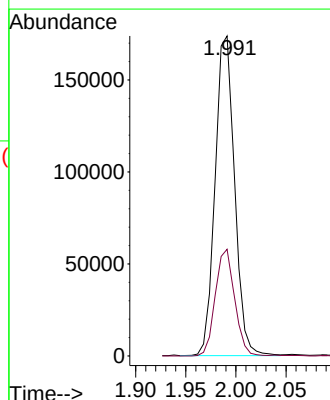
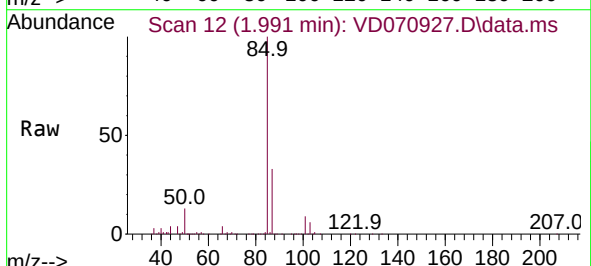
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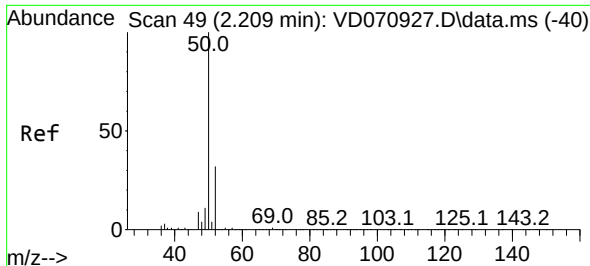
Tgt Ion: 85 Resp: 234507

Ion Ratio Lower Upper

85 100

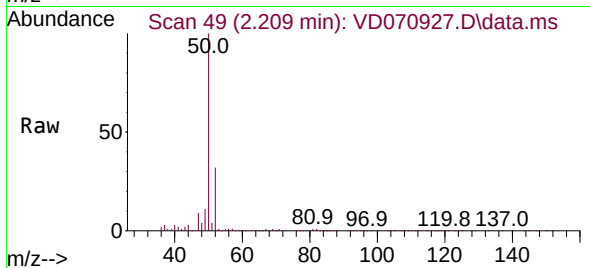
87 33.4 15.2 45.6





#3
Chloromethane
Concen: 39.966 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

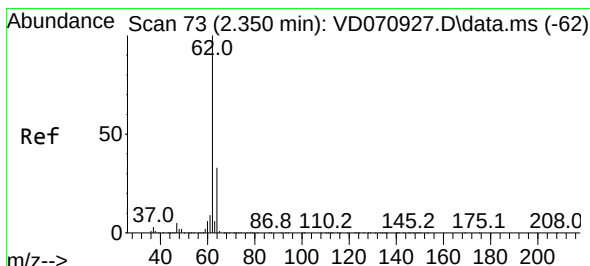
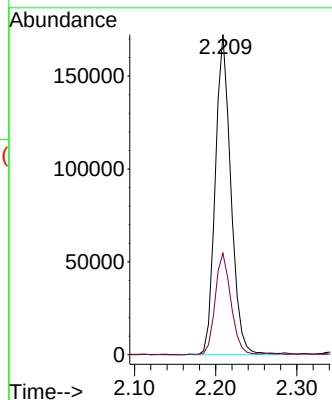
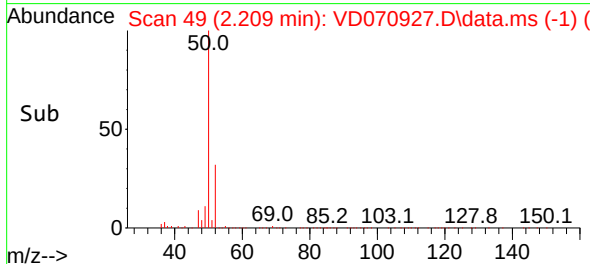
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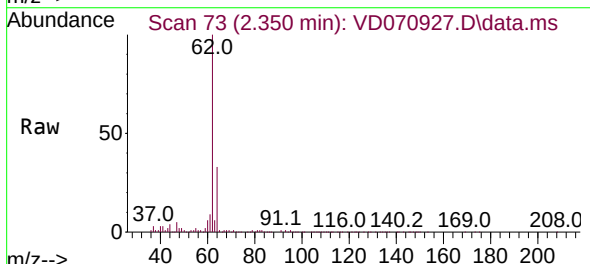
Tgt Ion: 50 Resp: 230250
Ion Ratio Lower Upper
50 100
52 31.7 25.8 38.8

Manual Integrations
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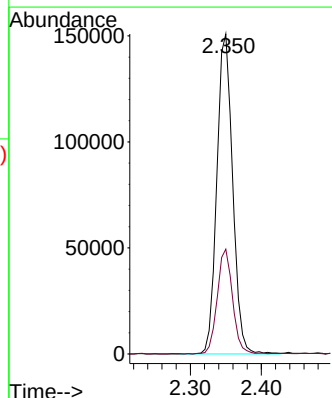
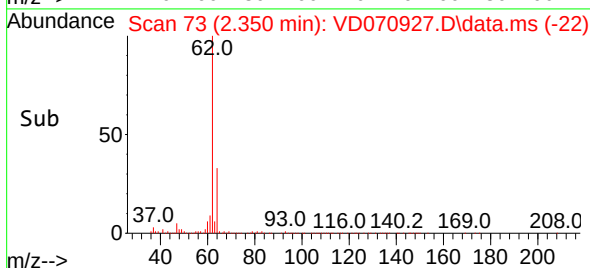
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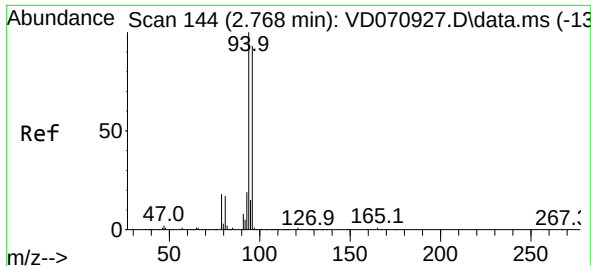


#4
Vinyl Chloride
Concen: 36.816 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20



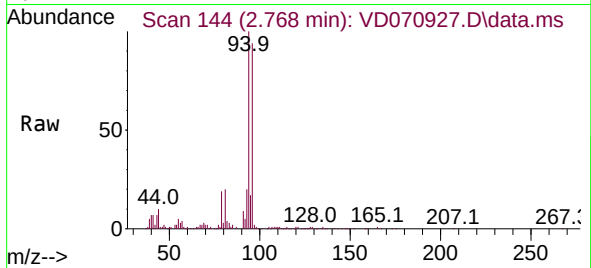
Tgt Ion: 62 Resp: 232061
Ion Ratio Lower Upper
62 100
64 32.7 26.0 39.0





#5
Bromomethane
Concen: 30.580 ug/l
RT: 2.768 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

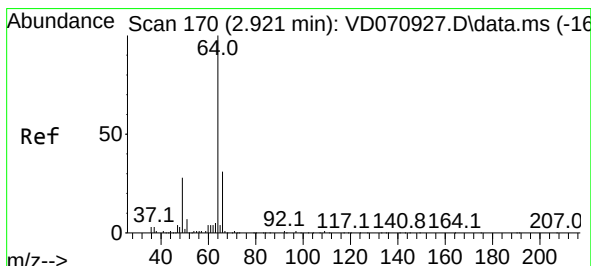
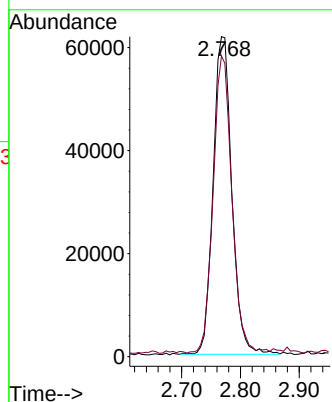
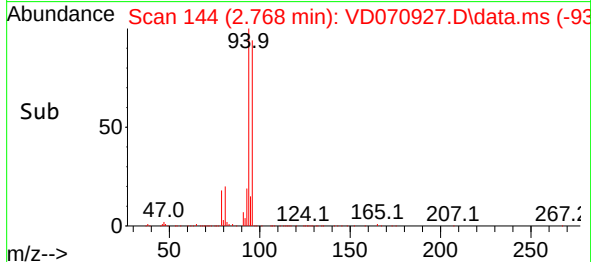
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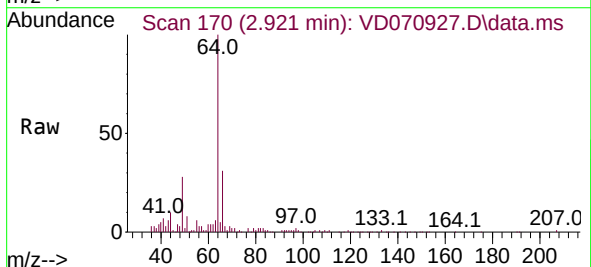
Tgt Ion: 94 Resp: 13660
Ion Ratio Lower Upper
94 100
96 93.0 74.8 112.2

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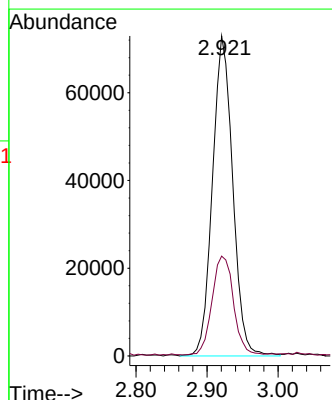
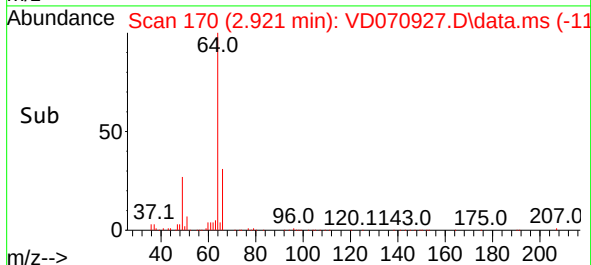
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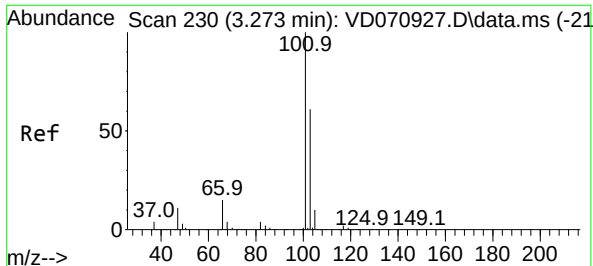


#6
Chloroethane
Concen: 36.963 ug/l
RT: 2.921 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20



Tgt Ion: 64 Resp: 144318
Ion Ratio Lower Upper
64 100
66 30.8 29.0 43.4





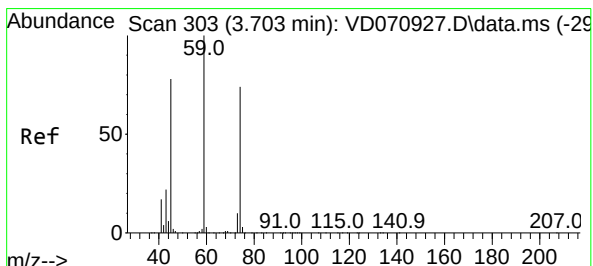
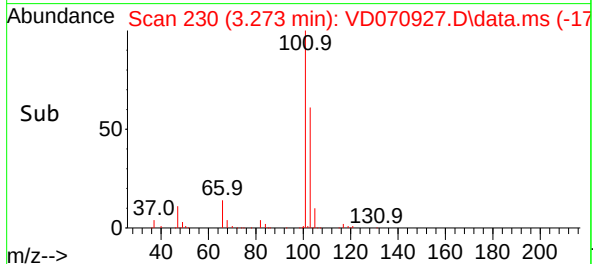
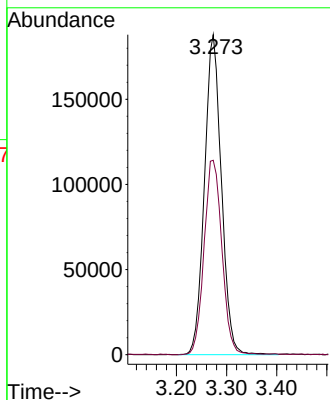
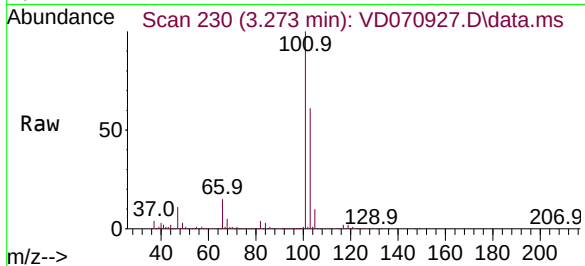
#7
 Trichlorofluoromethane
 Concen: 53.163 ug/l
 RT: 3.273 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD070927.D
 Acq: 05 Nov 2021 15:20

Instrument :
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Tgt Ion:101 Resp: 44116
 Ion Ratio Lower Upper
 101 100
 103 60.8 49.7 74.5

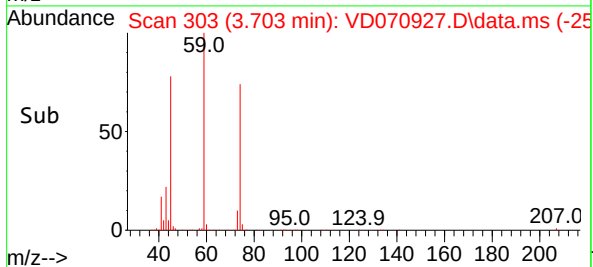
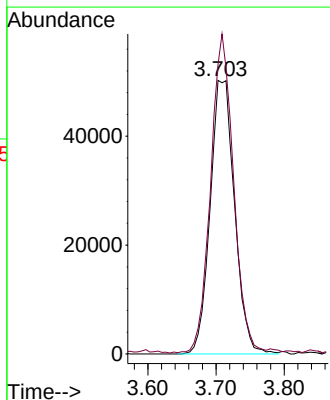
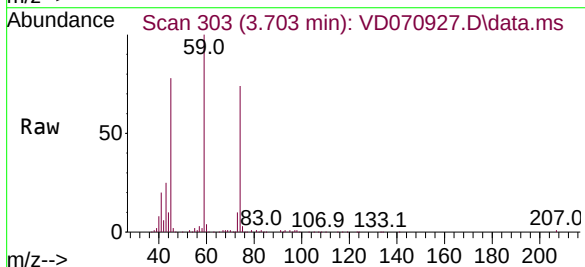
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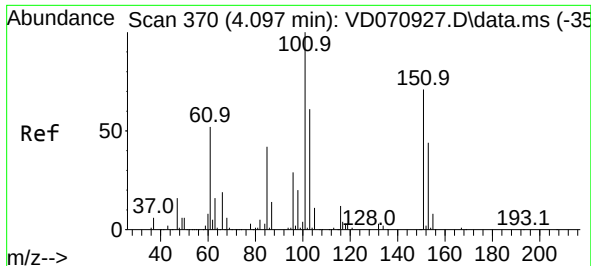
Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#8
 Diethyl Ether
 Concen: 54.816 ug/l
 RT: 3.703 min Scan# 303
 Delta R.T. 0.000 min
 Lab File: VD070927.D
 Acq: 05 Nov 2021 15:20

Tgt Ion: 74 Resp: 125436
 Ion Ratio Lower Upper
 74 100
 45 109.1 49.6 149.0





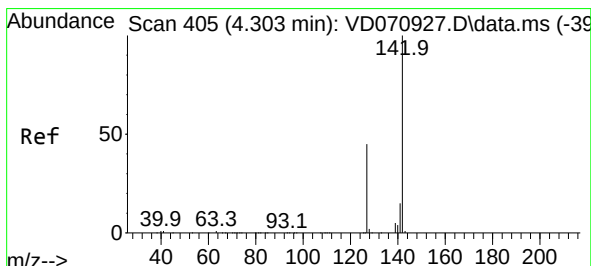
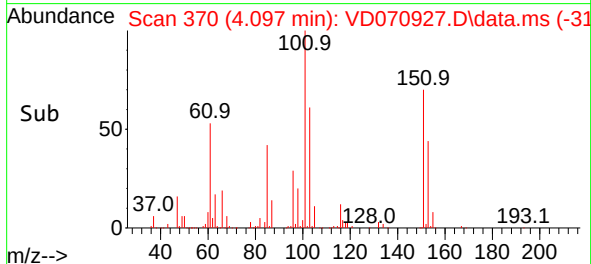
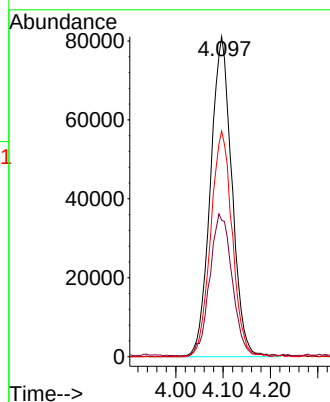
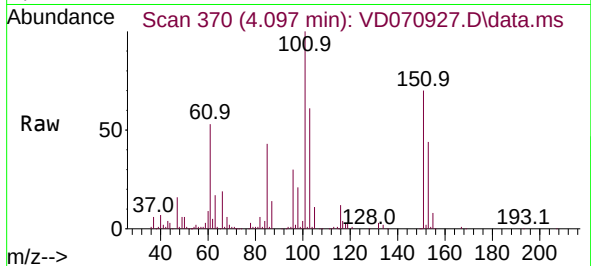
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.352 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 255070
Ion Ratio Lower Upper
101 100
85 46.3 34.8 52.2
151 70.6 60.4 90.6

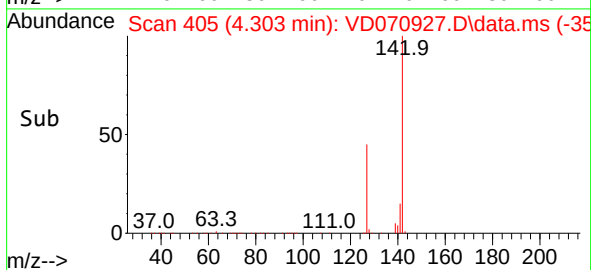
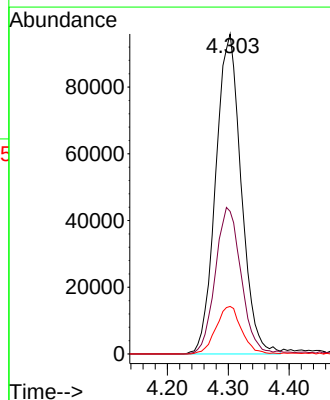
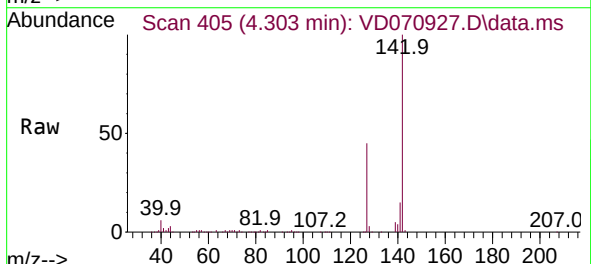
Manual Integrations
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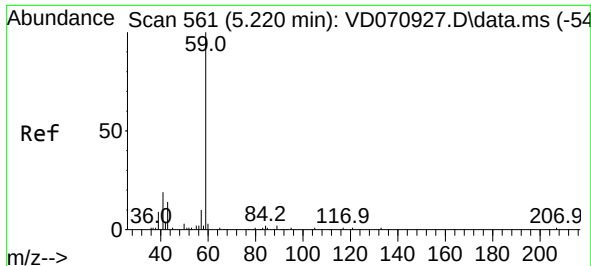
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#10
Methyl Iodide
Concen: 60.483 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

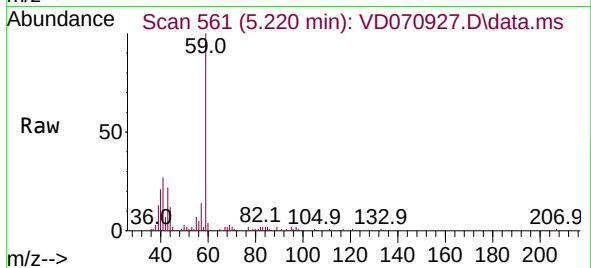
Tgt Ion:142 Resp: 279368
Ion Ratio Lower Upper
142 100
127 46.6 35.0 52.4
141 14.9 12.0 18.0





#11
Tert butyl alcohol
Concen: 342.531 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

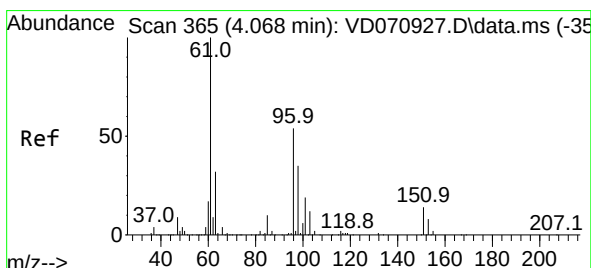
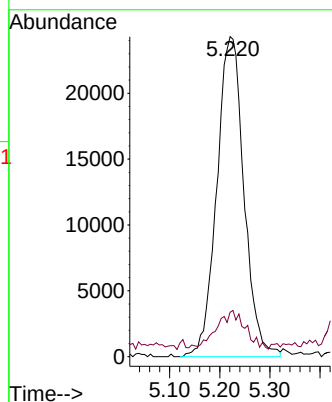
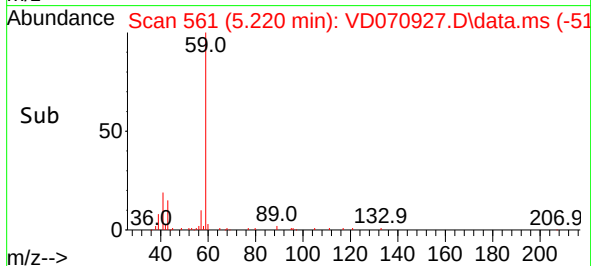
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



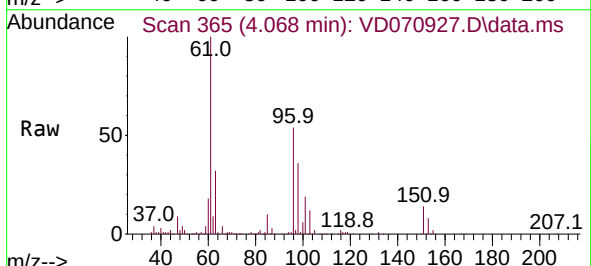
Tgt Ion: 59 Resp: 9147
Ion Ratio Lower Upper
59 100
57 12.8 9.0 13.4

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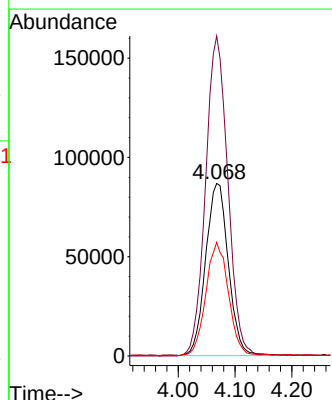
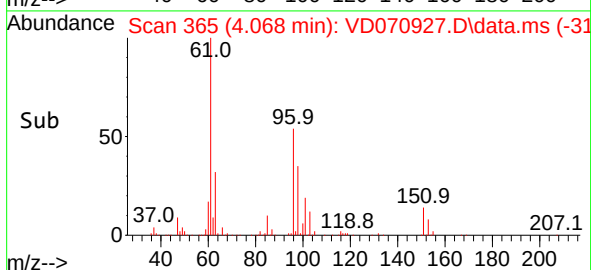
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

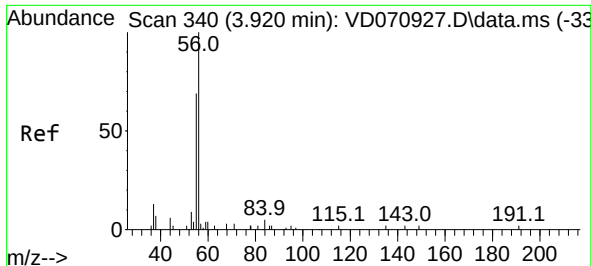


#12
1,1-Dichloroethene
Concen: 52.218 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20



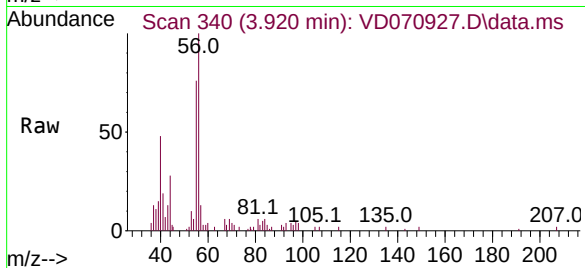
Tgt Ion: 96 Resp: 240713
Ion Ratio Lower Upper
96 100
61 185.6 120.3 180.5#
98 65.6 54.4 81.6





#13
Acrolein
Concen: 140.059 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

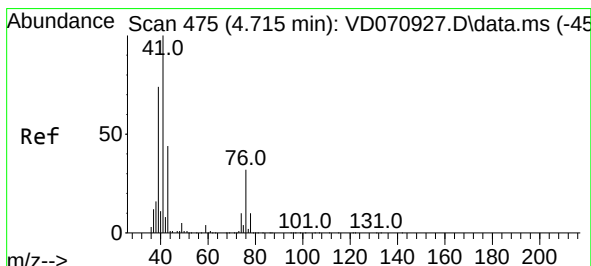
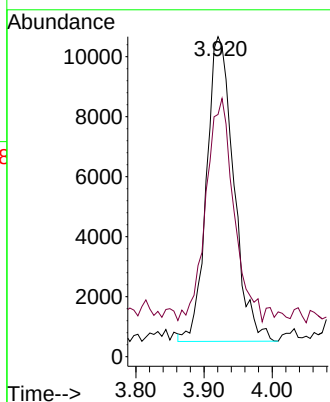
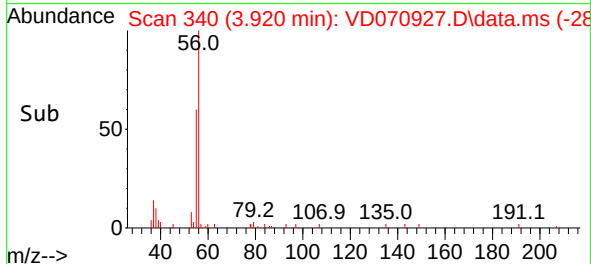
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



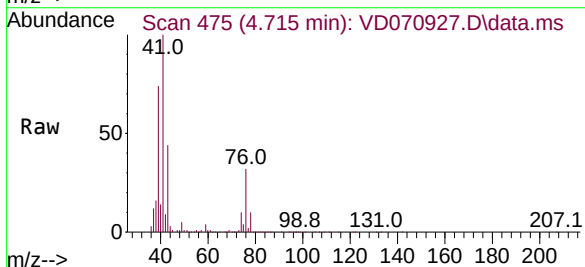
Tgt Ion: 56 Resp: 2812
Ion Ratio Lower Upper
56 100
55 75.8 58.6 87.8

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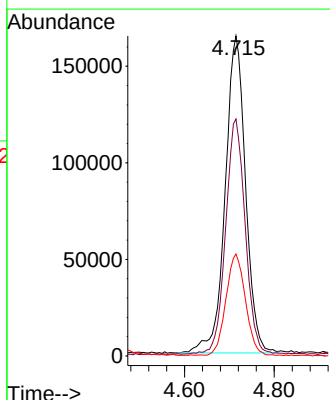
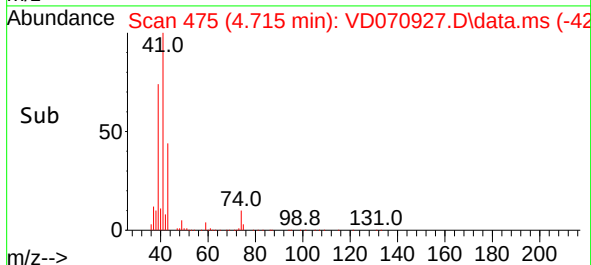
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

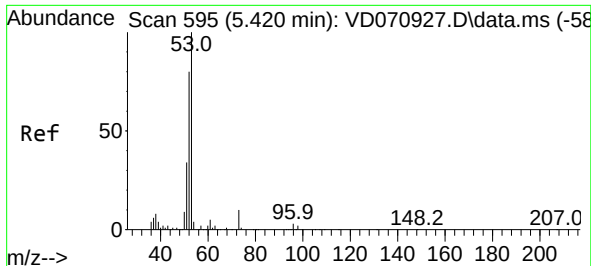


#14
Allyl chloride
Concen: 68.099 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20



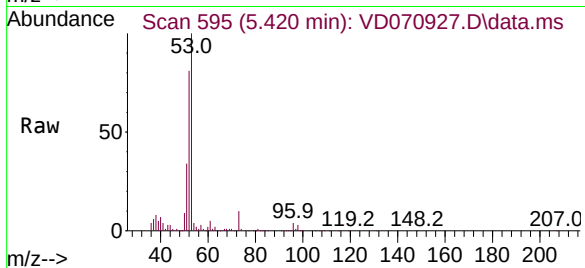
Tgt Ion: 41 Resp: 518936
Ion Ratio Lower Upper
41 100
39 71.2 45.6 68.4#
76 30.6 30.2 45.4





#15
Acrylonitrile
Concen: 272.117 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

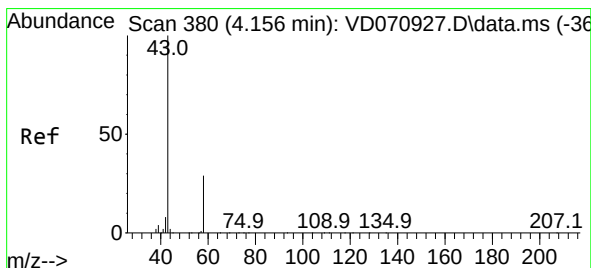
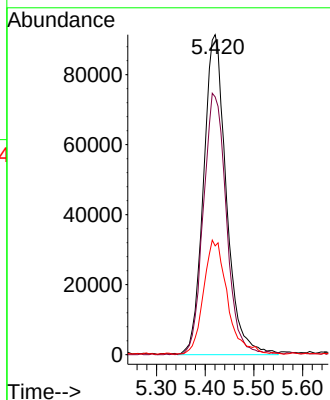
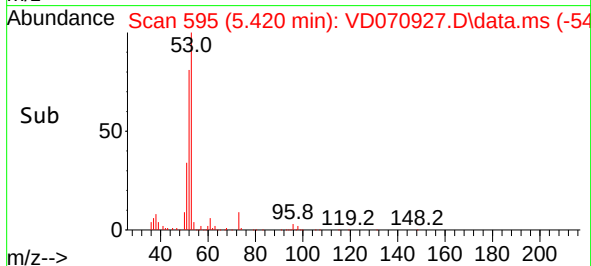
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



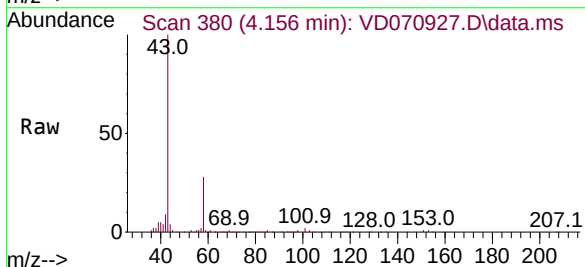
Tgt Ion: 53 Resp: 297362
Ion Ratio Lower Upper
53 100
52 82.4 63.8 95.8
51 36.8 28.5 42.7

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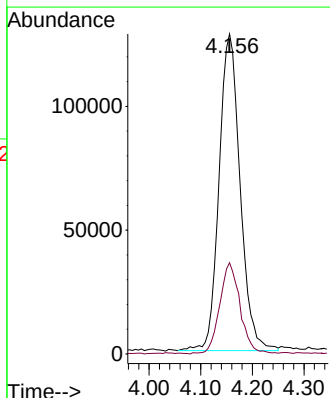
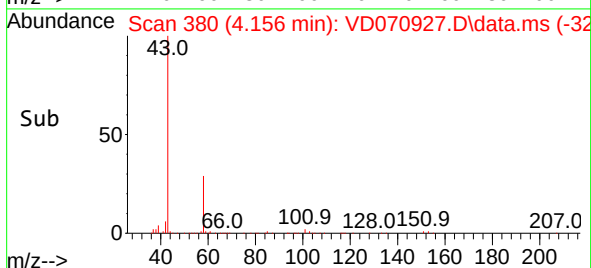
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

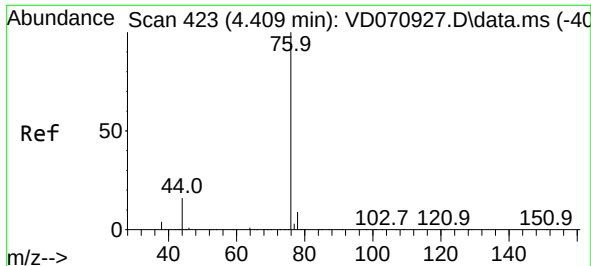


#16
Acetone
Concen: 327.305 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20



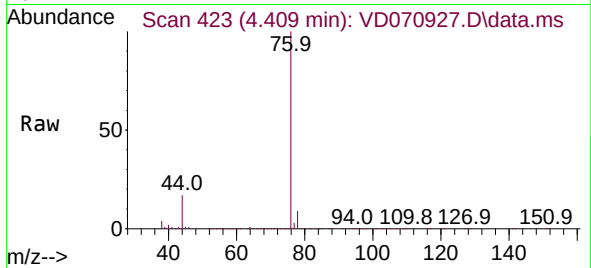
Tgt Ion: 43 Resp: 362193
Ion Ratio Lower Upper
43 100
58 28.6 27.8 41.8





#17
Carbon Disulfide
Concen: 49.300 ug/l
RT: 4.409 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

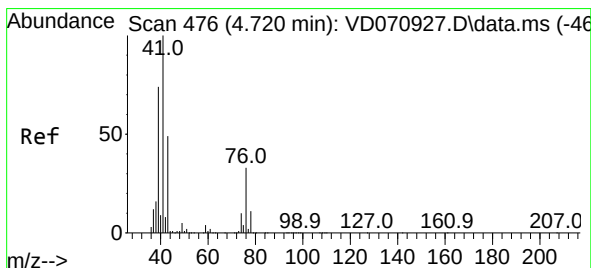
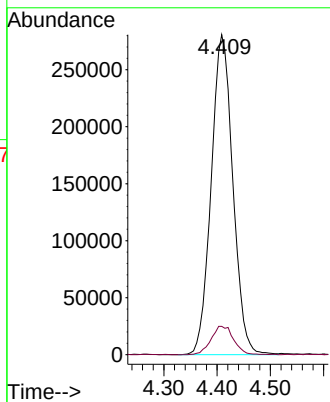
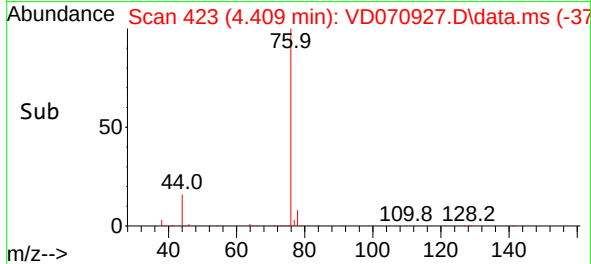
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



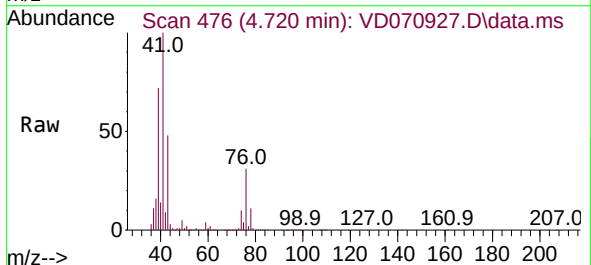
Tgt Ion: 76 Resp: 793244
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.8

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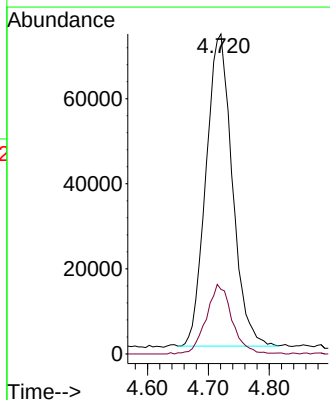
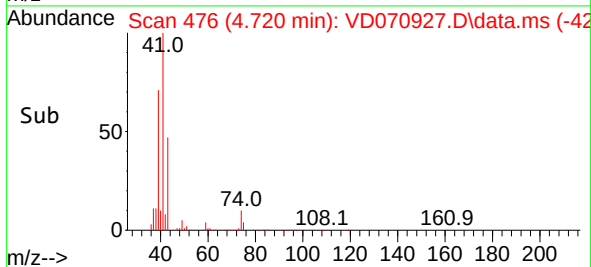
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

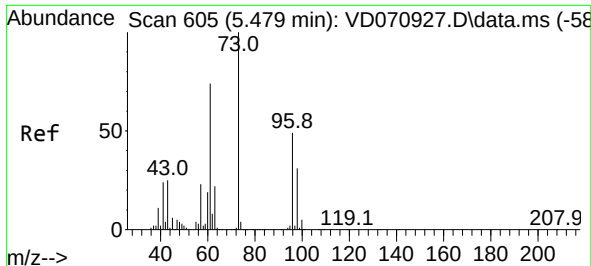


#18
Methyl Acetate
Concen: 58.088 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20



Tgt Ion: 43 Resp: 219839
Ion Ratio Lower Upper
43 100
74 21.7 19.3 28.9





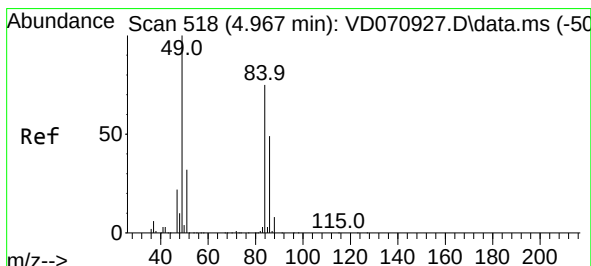
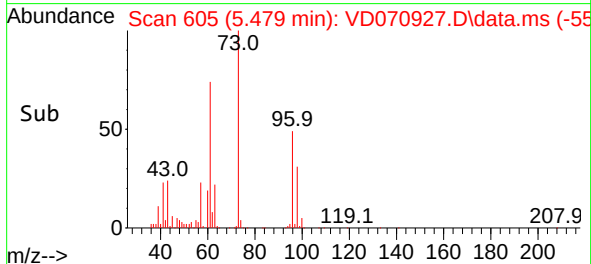
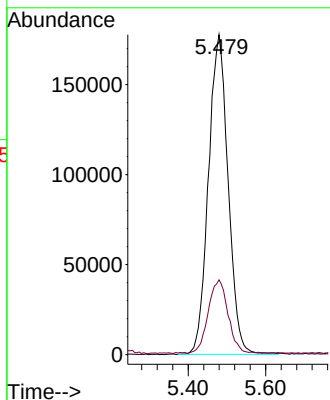
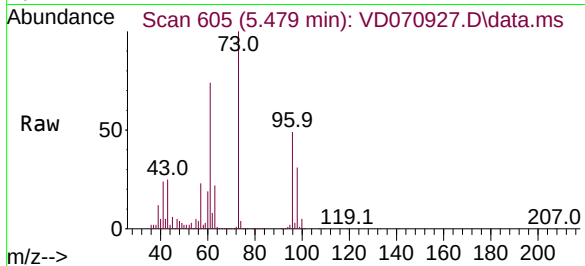
#19
Methyl tert-butyl Ether
Concen: 62.922 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 625290
Ion Ratio Lower Upper
73 100
57 22.9 18.9 28.3

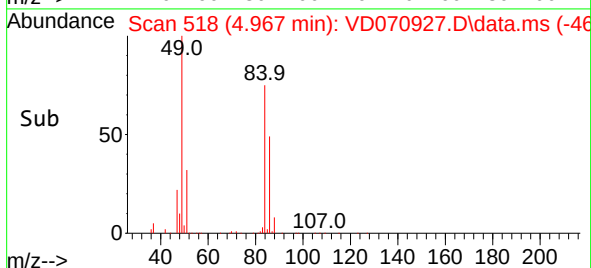
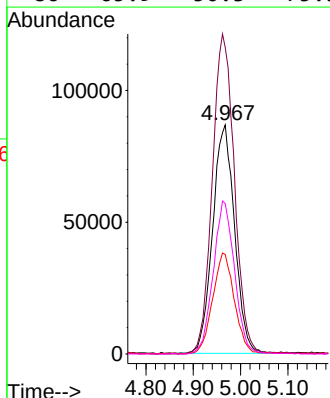
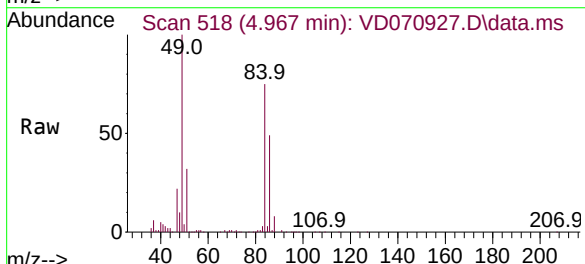
Manual Integrations
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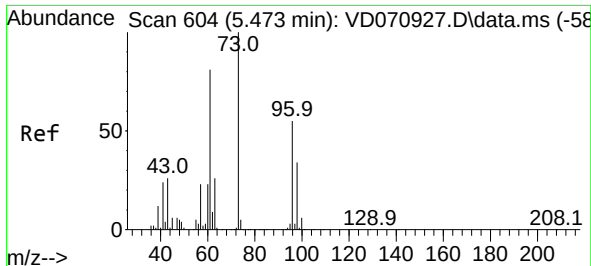
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#20
Methylene Chloride
Concen: 38.292 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

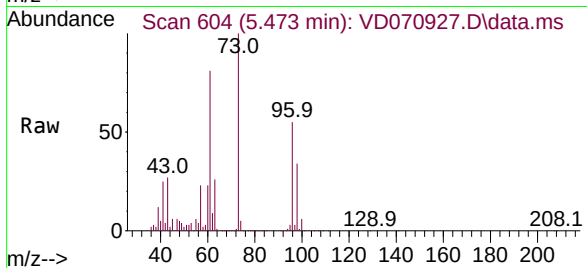
Tgt Ion: 84 Resp: 279282
Ion Ratio Lower Upper
84 100
49 134.1 95.8 143.6
51 43.6 30.9 46.3
86 65.9 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 51.023 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

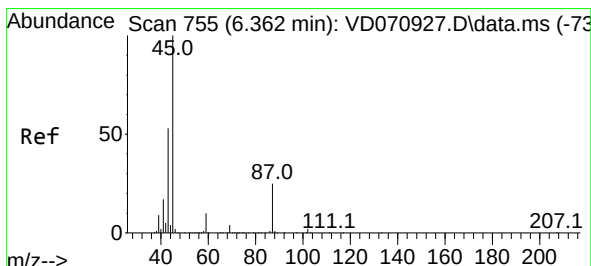
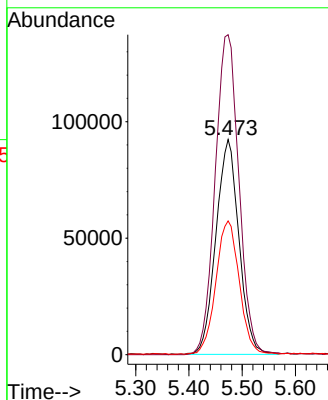
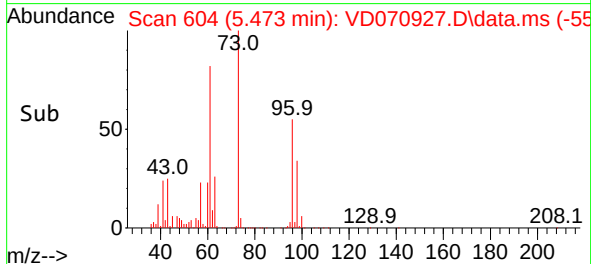
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 27642
Ion Ratio Lower Upper
96 100
61 149.0 102.1 153.1
98 62.0 50.1 75.1

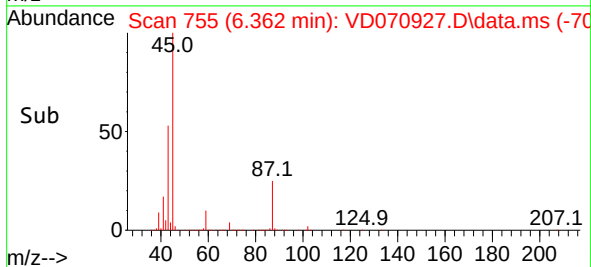
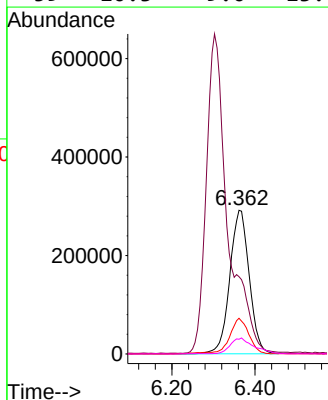
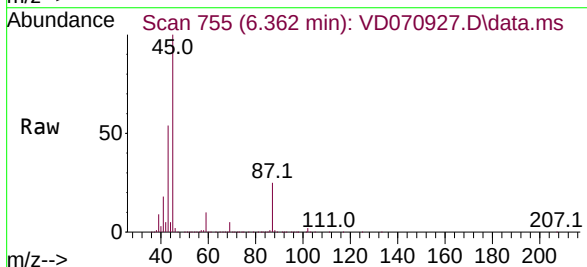
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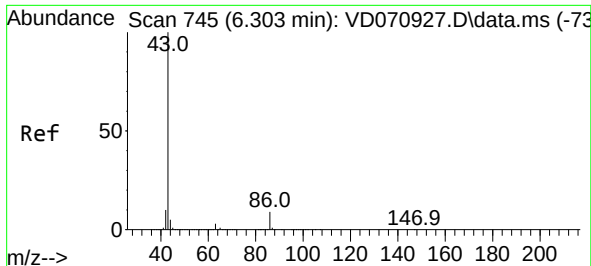
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#22
Diisopropyl ether
Concen: 61.674 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

Tgt Ion: 45 Resp: 945525
Ion Ratio Lower Upper
45 100
43 53.3 39.6 59.4
87 24.7 21.2 31.8
59 10.3 9.0 13.6





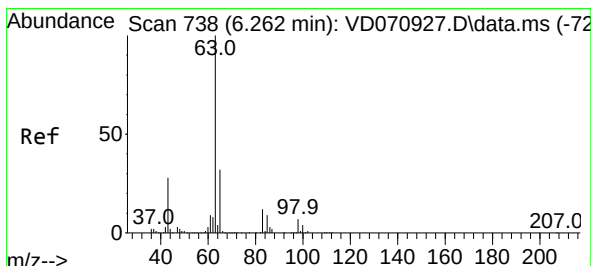
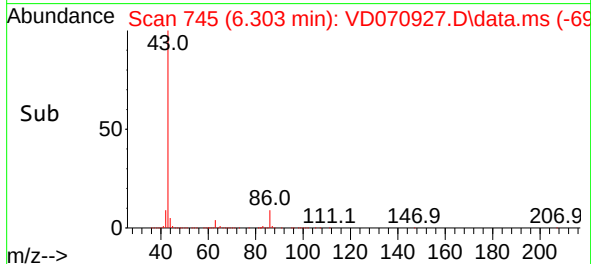
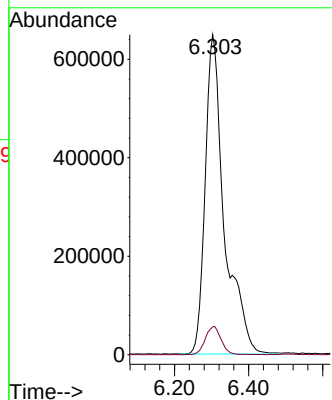
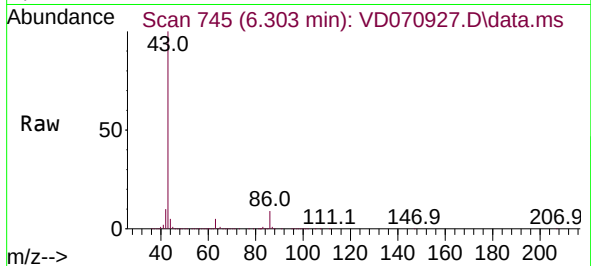
#23
 Vinyl Acetate
 Concen: 329.000 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD070927.D
 Acq: 05 Nov 2021 15:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 232978
 Ion Ratio Lower Upper
 43 100
 86 8.7 8.2 12.4

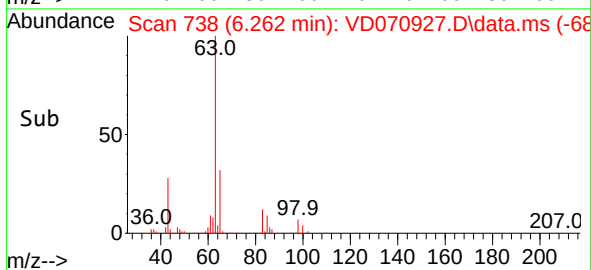
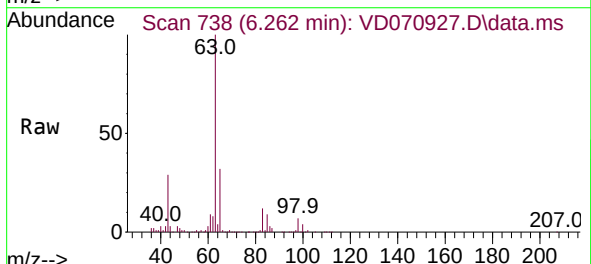
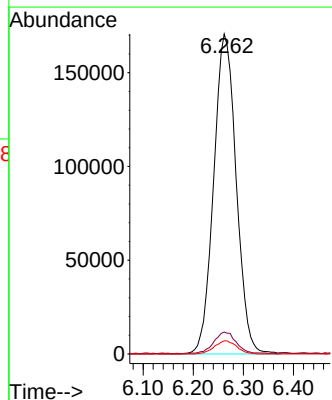
Manual Integrations
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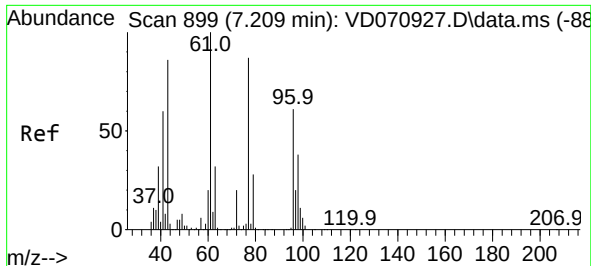
Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#24
 1,1-Dichloroethane
 Concen: 52.526 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD070927.D
 Acq: 05 Nov 2021 15:20

Tgt Ion: 63 Resp: 533135
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.6
 100 4.1 2.1 6.3





#25

2-Butanone

Concen: 313.773 ug/l

RT: 7.209 min Scan# 899

Delta R.T. 0.000 min

Lab File: VD070927.D

Acq: 05 Nov 2021 15:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 426454

Ion Ratio Lower Upper

43 100

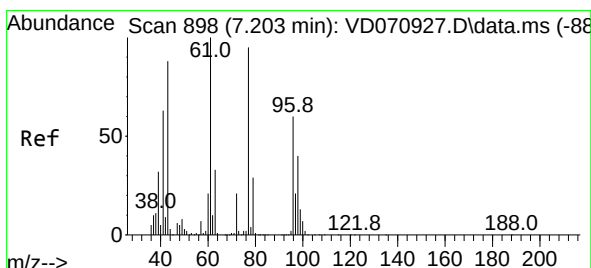
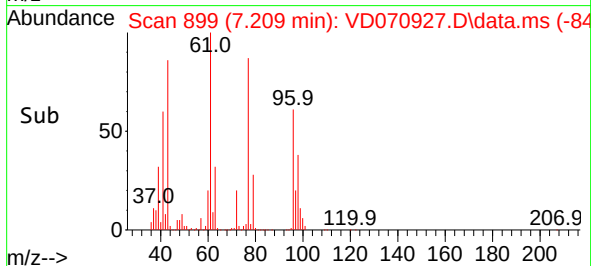
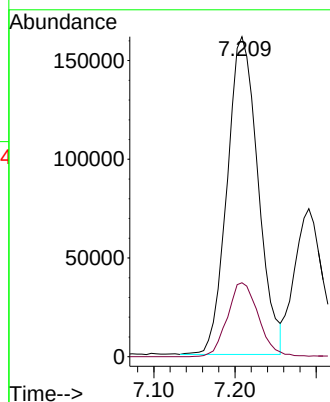
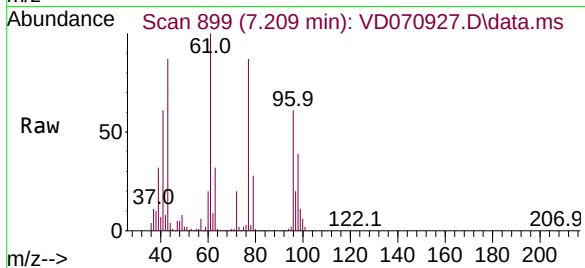
72 23.3 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#26

2,2-Dichloropropane

Concen: 59.493 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.000 min

Lab File: VD070927.D

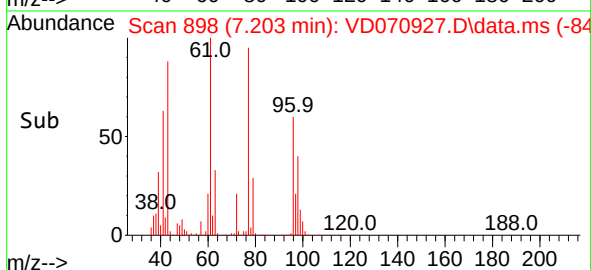
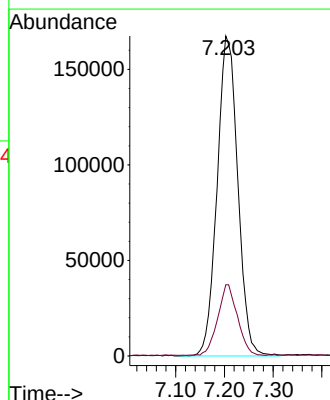
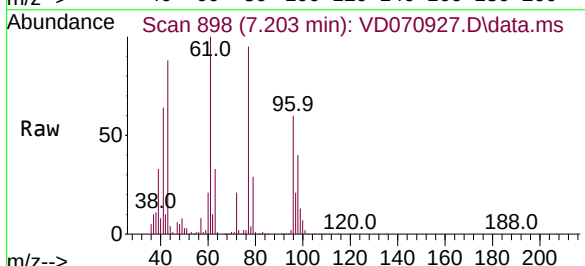
Acq: 05 Nov 2021 15:20

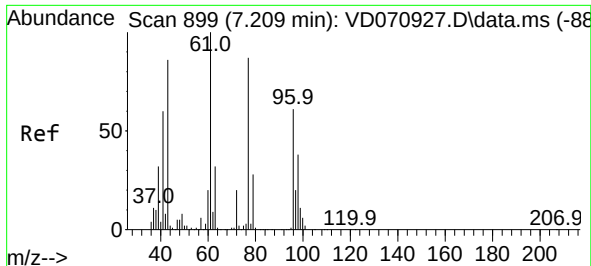
Tgt Ion: 77 Resp: 494499

Ion Ratio Lower Upper

77 100

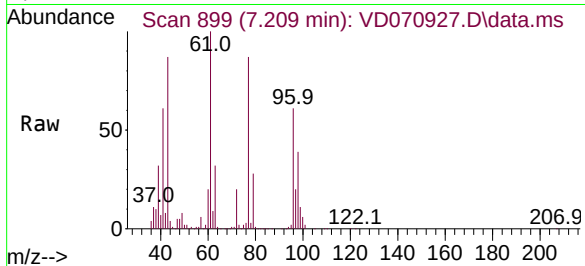
97 21.1 11.9 35.5





#27
 cis-1,2-Dichloroethene
 Concen: 52.696 ug/l
 RT: 7.209 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD070927.D
 Acq: 05 Nov 2021 15:20

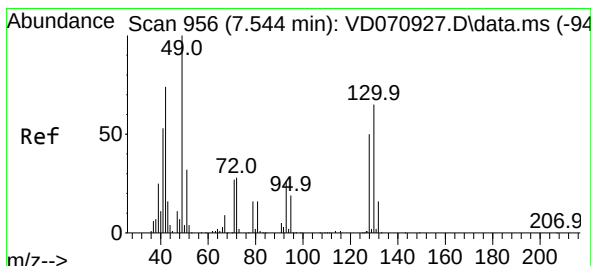
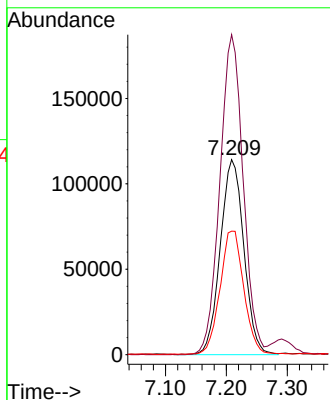
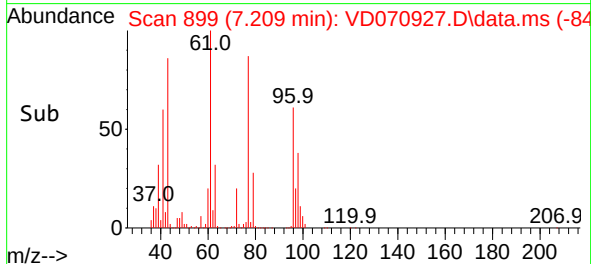
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 308162
 Ion Ratio Lower Upper
 96 100
 61 162.3 0.0 288.6
 98 63.5 0.0 129.2

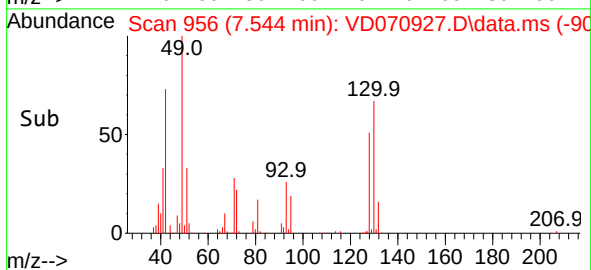
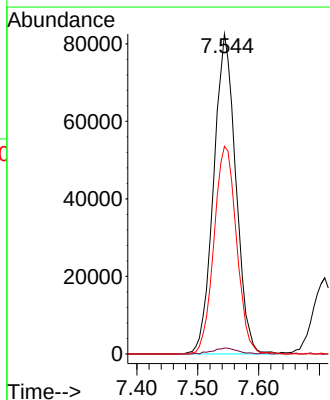
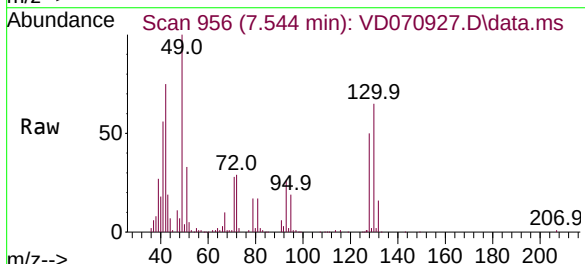
Manual Integrations
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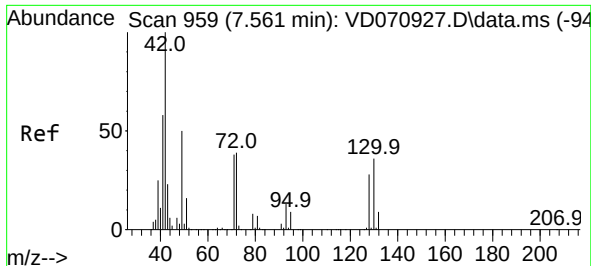
Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#28
 Bromochloromethane
 Concen: 52.566 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. 0.000 min
 Lab File: VD070927.D
 Acq: 05 Nov 2021 15:20

Tgt Ion: 49 Resp: 208447
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 66.2 60.2 90.2





#29

Tetrahydrofuran

Concen: 311.640 ug/l

RT: 7.561 min Scan# 959

Delta R.T. 0.000 min

Lab File: VD070927.D

Acq: 05 Nov 2021 15:20

Instrument :

MSVOA_D

ClientSampleId :

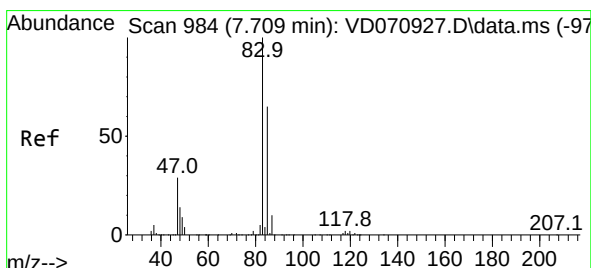
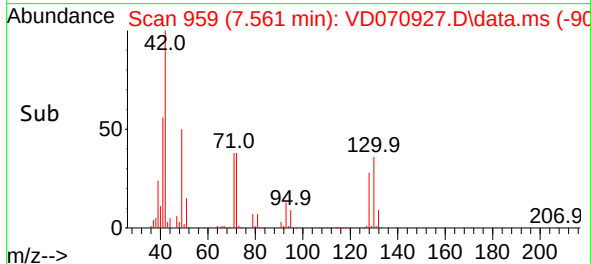
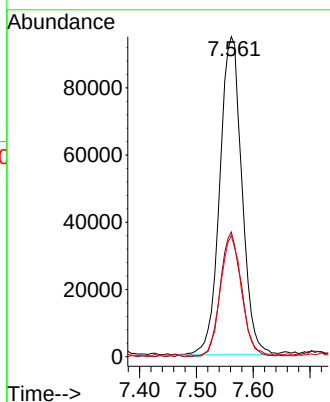
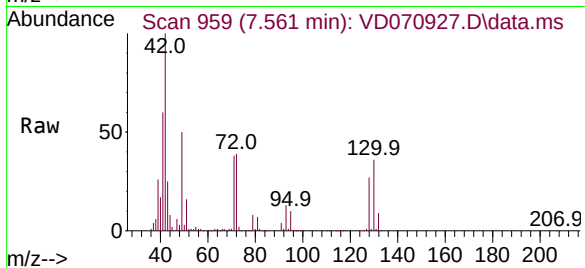
VSTDICCC050

Tgt Ion:	42	Resp:	256158
Ion Ratio	Lower	Upper	
42	100		
72	37.8	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: 50.983 ug/l

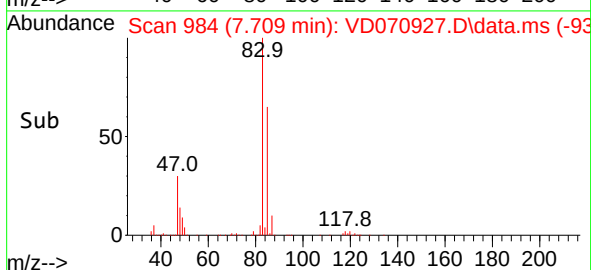
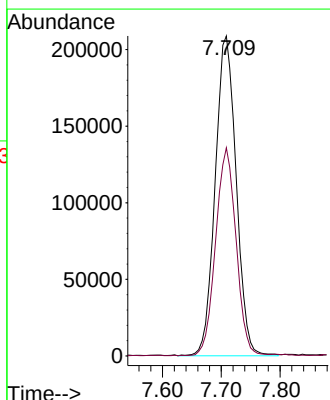
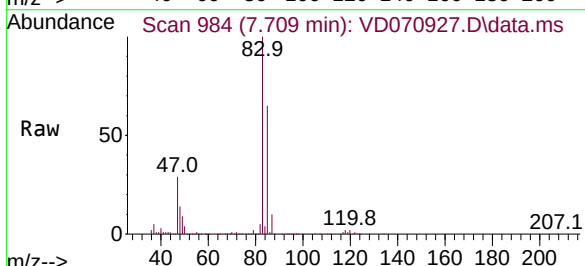
RT: 7.709 min Scan# 984

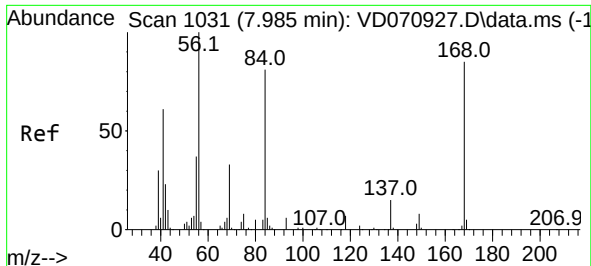
Delta R.T. 0.000 min

Lab File: VD070927.D

Acq: 05 Nov 2021 15:20

Tgt Ion:	83	Resp:	517555
Ion Ratio	Lower	Upper	
83	100		
85	65.0	51.0	76.6





#31

Cyclohexane

Concen: 56.309 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VD070927.D

Acq: 05 Nov 2021 15:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 536639

Ion Ratio Lower Upper

56 100

69 32.8 25.9 38.9

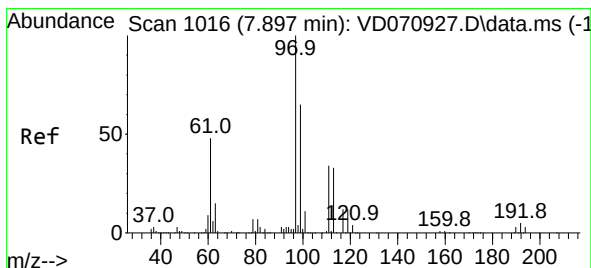
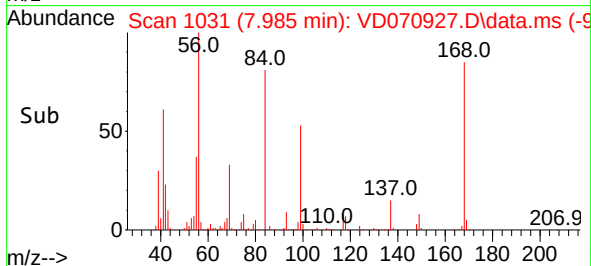
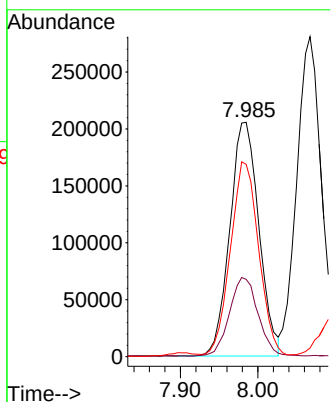
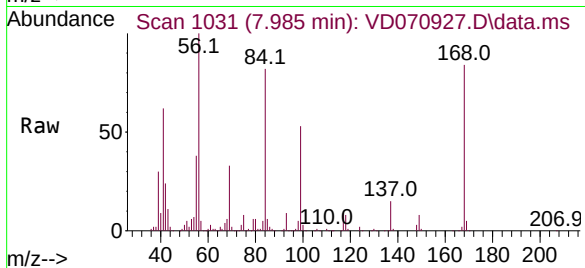
84 80.6 64.3 96.5

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Reviewed By :Vimala Arumugam 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#32

1,1,1-Trichloroethane

Concen: 54.242 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. 0.000 min

Lab File: VD070927.D

Acq: 05 Nov 2021 15:20

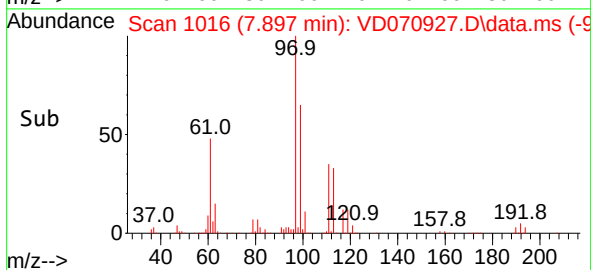
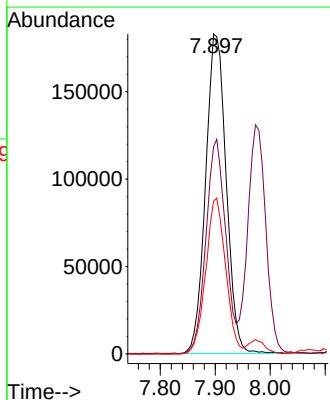
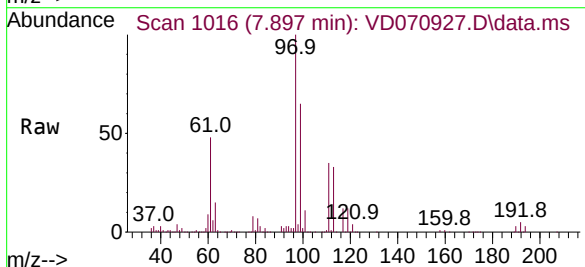
Tgt Ion: 97 Resp: 475527

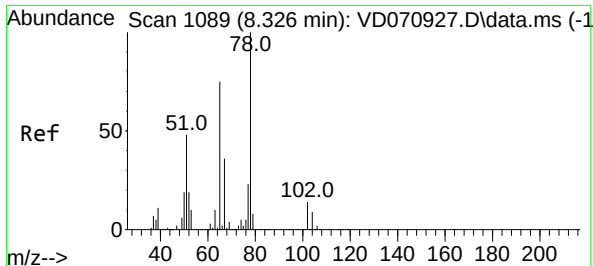
Ion Ratio Lower Upper

97 100

99 64.3 50.3 75.5

61 47.3 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 56.543 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD070927.D

Acq: 05 Nov 2021 15:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 268970

Ion Ratio Lower Upper

65 100

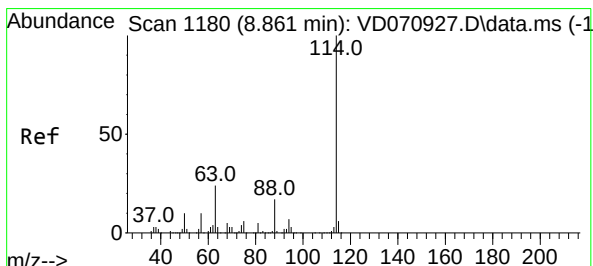
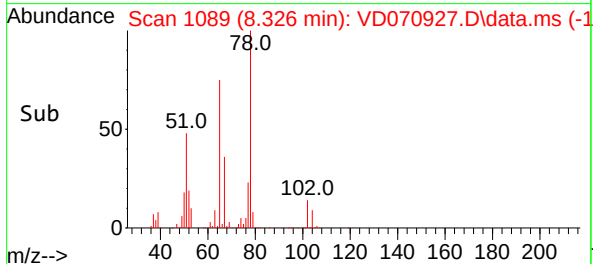
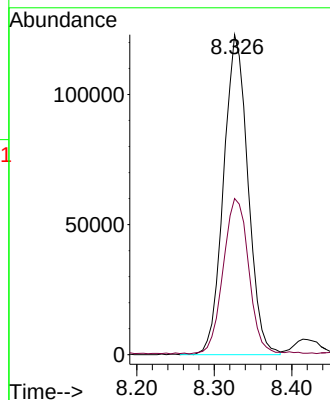
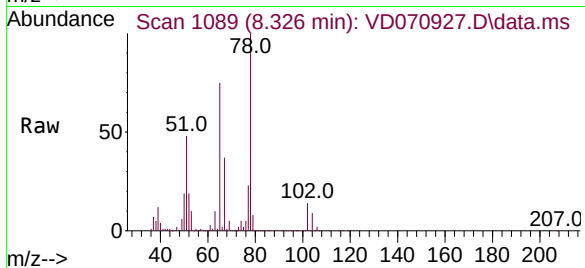
67 50.9 0.0 112.2

Manual Integrations

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Reviewed By :Vimala Arumugam 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070927.D

Acq: 05 Nov 2021 15:20

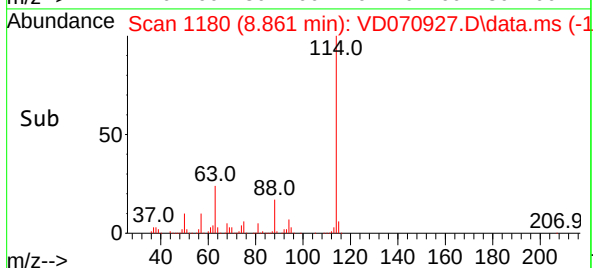
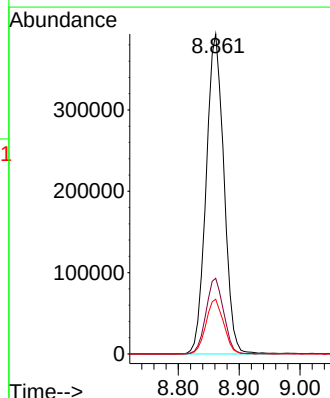
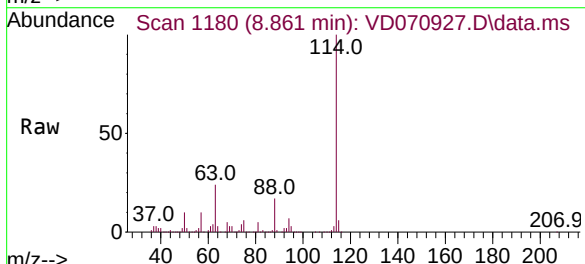
Tgt Ion:114 Resp: 796135

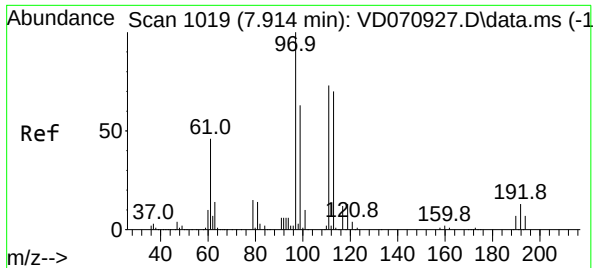
Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.8

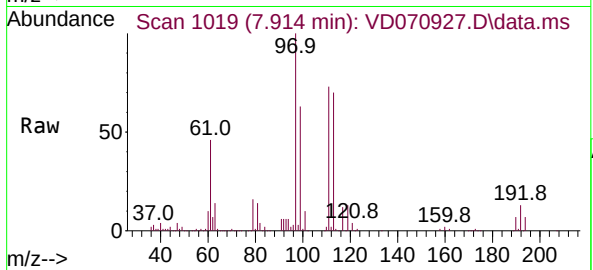
88 17.1 0.0 32.8





#35
Dibromofluoromethane
Concen: 45.584 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

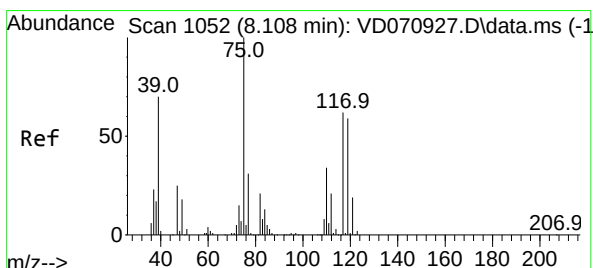
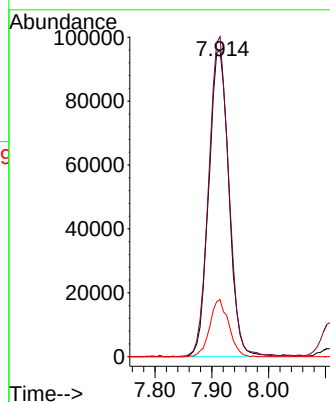
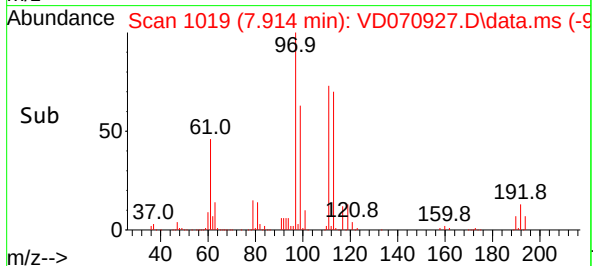
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



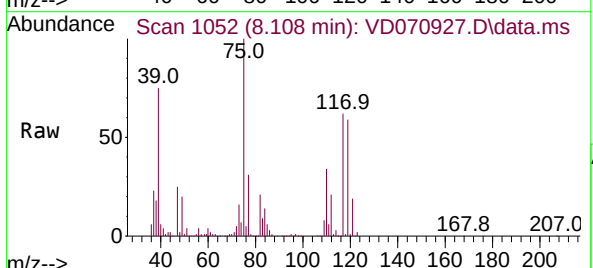
Tgt Ion: 113 Resp: 23537
Ion Ratio Lower Upper
113 100
111 104.4 82.0 123.0
192 17.6 15.2 22.8

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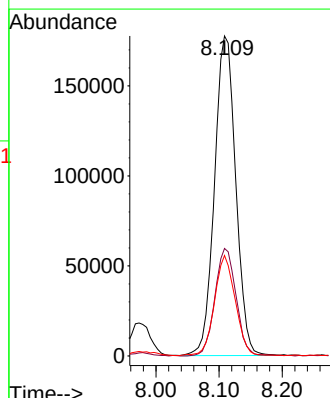
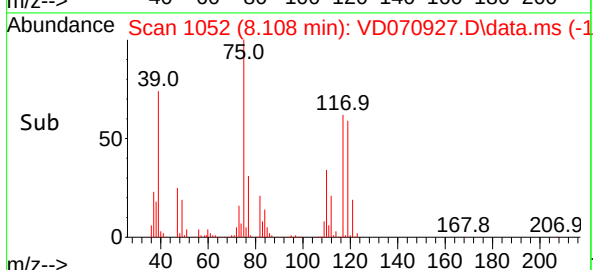
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

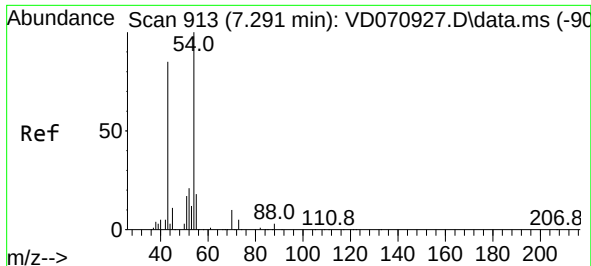


#36
1,1-Dichloropropene
Concen: 50.566 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20



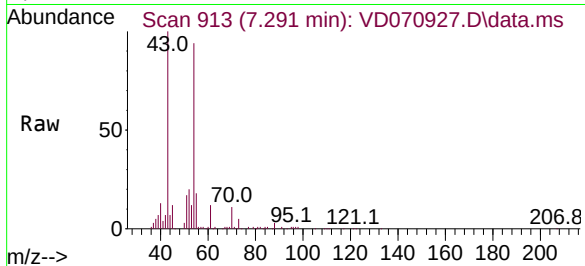
Tgt Ion: 75 Resp: 415567
Ion Ratio Lower Upper
75 100
110 33.6 17.8 53.4
77 30.6 24.8 37.2





#37
Ethyl Acetate
Concen: 58.515 ug/l
RT: 7.291 min Scan# 913
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

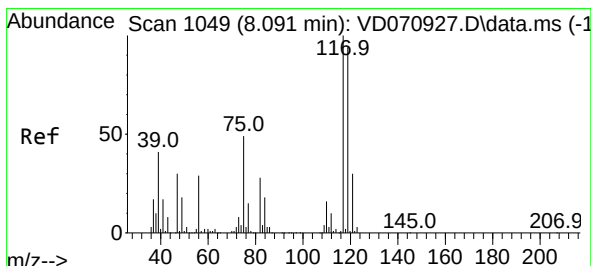
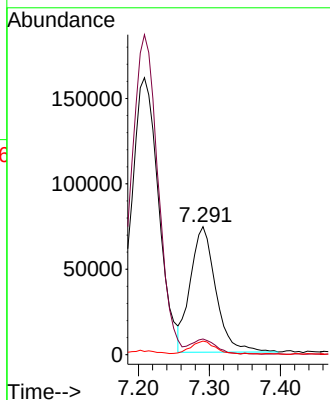
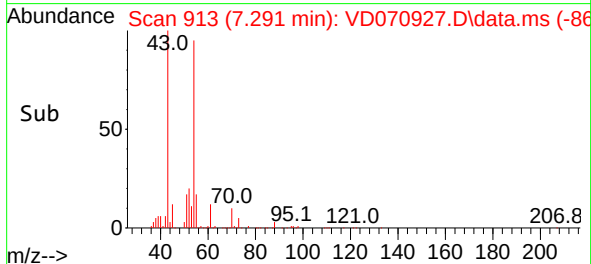
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 183638
Ion Ratio Lower Upper
43 100
61 10.9 13.0 19.6
70 9.7 8.7 13.1

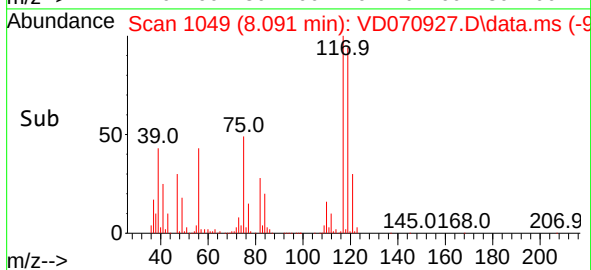
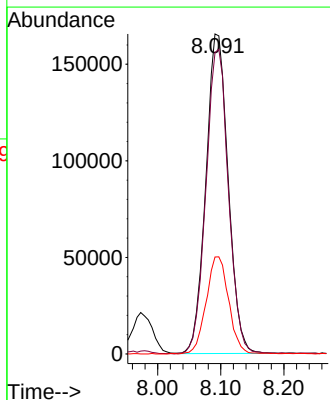
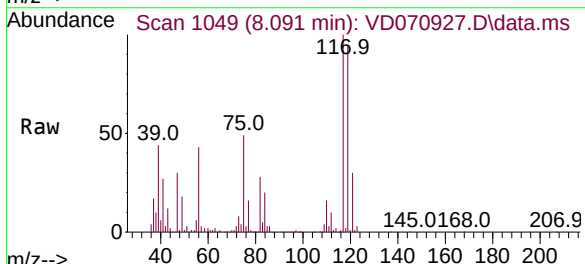
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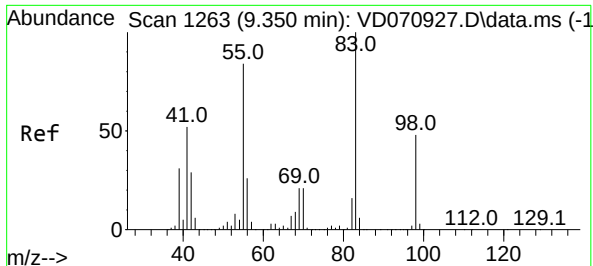
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#38
Carbon Tetrachloride
Concen: 49.072 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

Tgt Ion:117 Resp: 406924
Ion Ratio Lower Upper
117 100
119 94.2 75.8 113.6
121 30.4 23.6 35.4





#39

Methylcyclohexane

Concen: 55.274 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. 0.000 min

Lab File: VD070927.D

Acq: 05 Nov 2021 15:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

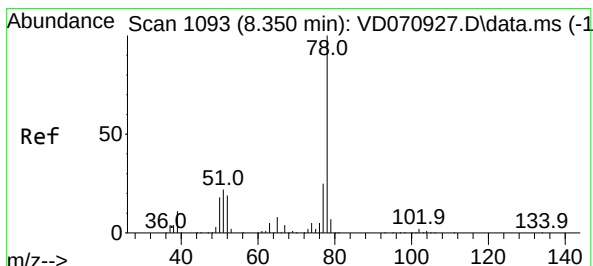
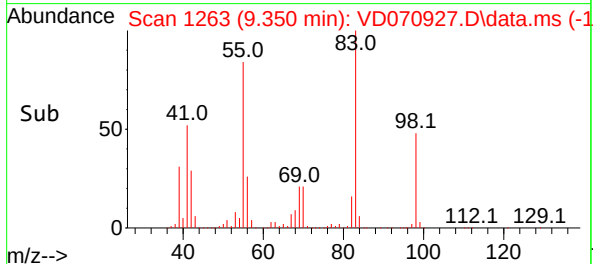
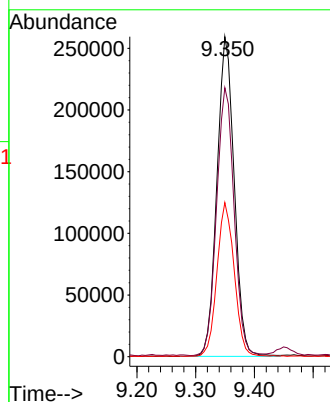
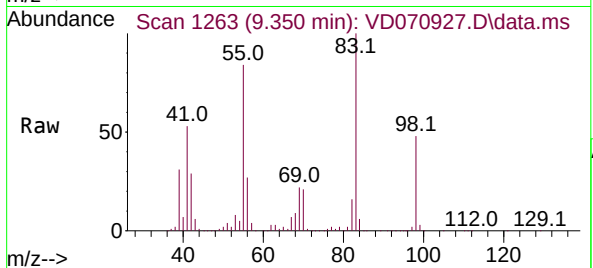
Tgt Ion: 83 Resp: 52967

Ion	Ratio	Lower	Upper
83	100		
55	83.6	65.8	98.8
98	48.0	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: 46.650 ug/l

RT: 8.350 min Scan# 1093

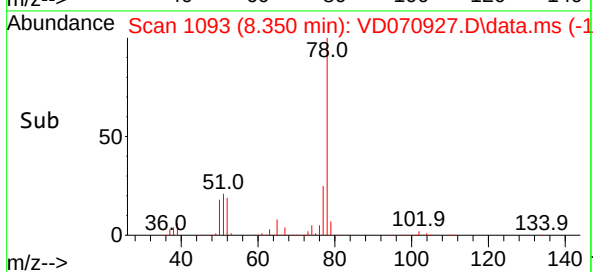
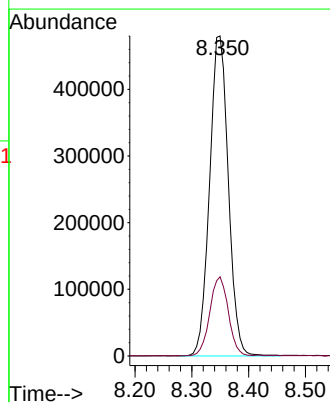
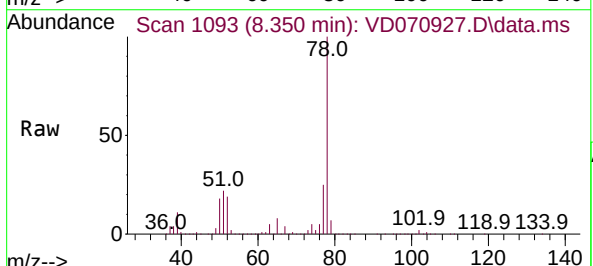
Delta R.T. 0.000 min

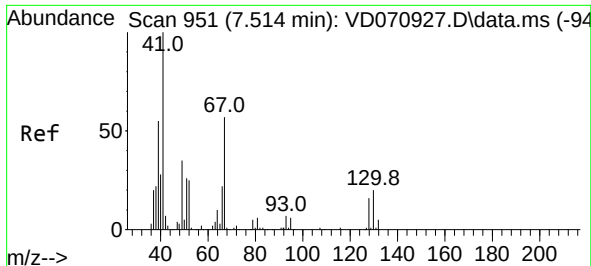
Lab File: VD070927.D

Acq: 05 Nov 2021 15:20

Tgt Ion: 78 Resp: 1097937

Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.1	28.7





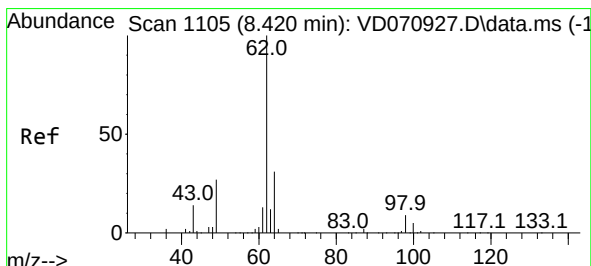
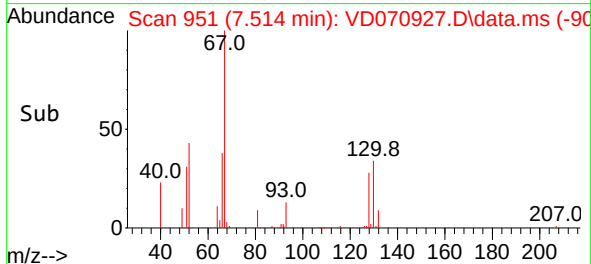
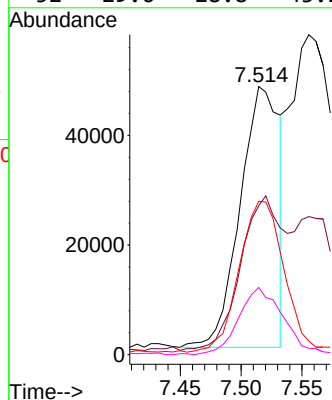
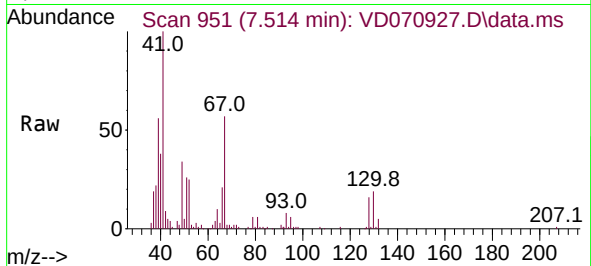
#41
Methacrylonitrile
Concen: 61.453 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 10662
Ion Ratio Lower Upper
41 100
39 64.4 60.2 90.4
67 66.4 74.8 112.2
52 29.6 28.8 43.2

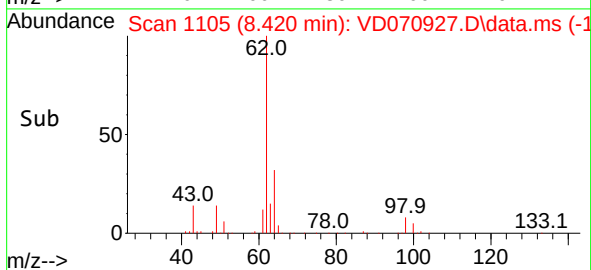
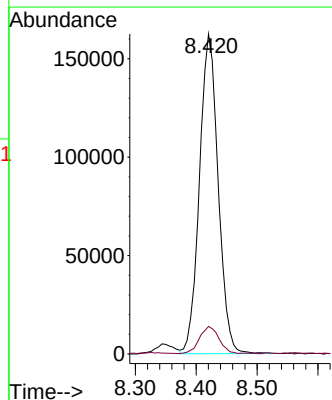
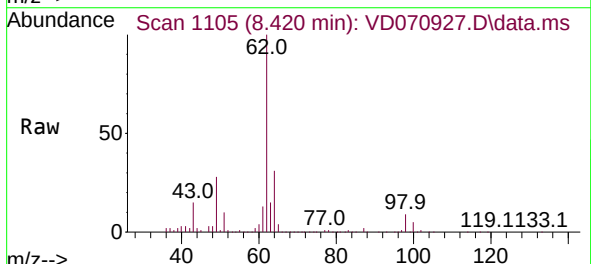
Manual Integrations
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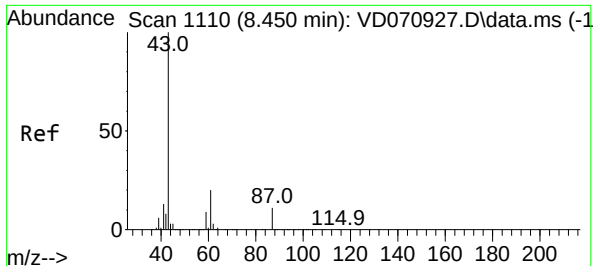
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#42
1,2-Dichloroethane
Concen: 55.225 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

Tgt Ion: 62 Resp: 346441
Ion Ratio Lower Upper
62 100
98 8.7 0.0 21.8





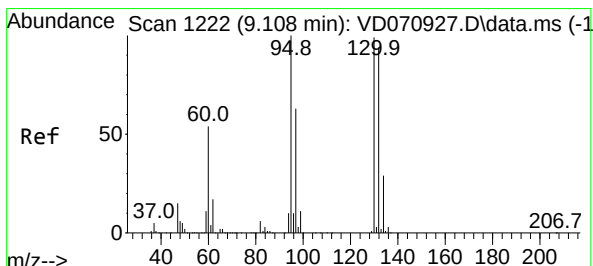
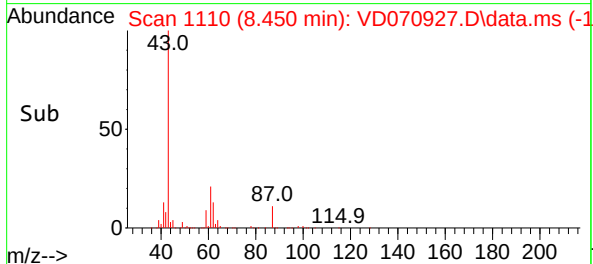
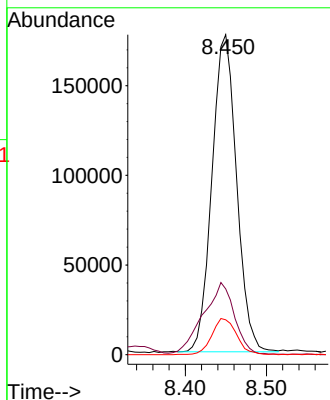
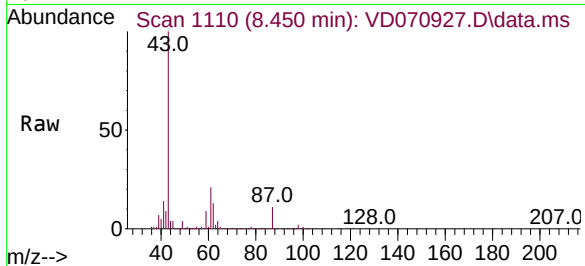
#43
Isopropyl Acetate
Concen: 62.289 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 372662
Ion Ratio Lower Upper
43 100
61 28.8 28.2 42.4
87 11.6 10.7 16.1

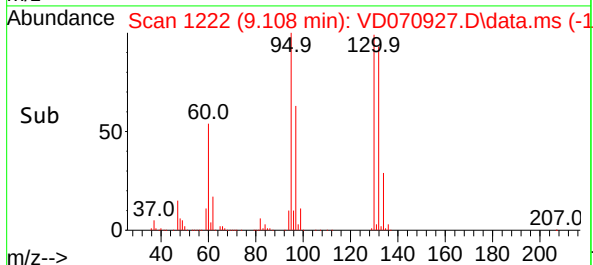
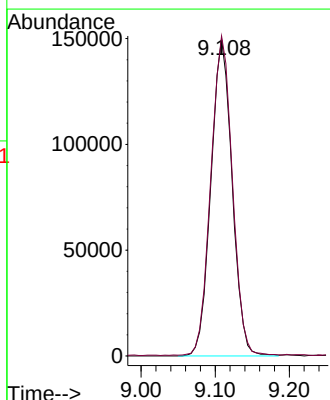
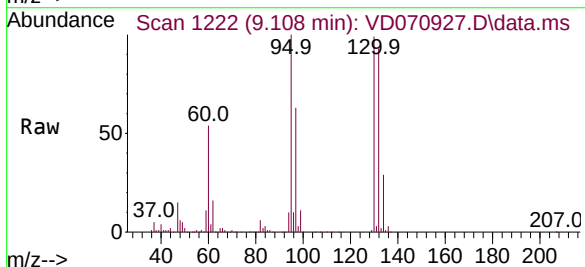
Manual Integrations
APPROVED

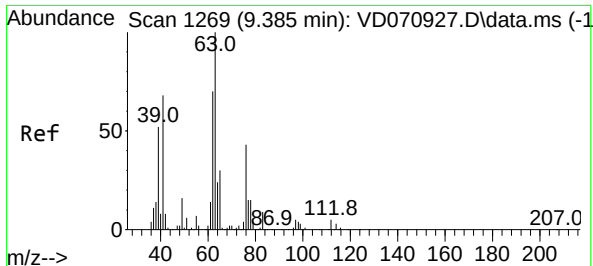
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#44
Trichloroethene
Concen: 48.056 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

Tgt Ion:130 Resp: 297086
Ion Ratio Lower Upper
130 100
95 100.6 0.0 193.2





#45

1,2-Dichloropropane

Concen: 46.517 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VD070927.D

Acq: 05 Nov 2021 15:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 291519

Ion Ratio Lower Upper

63 100

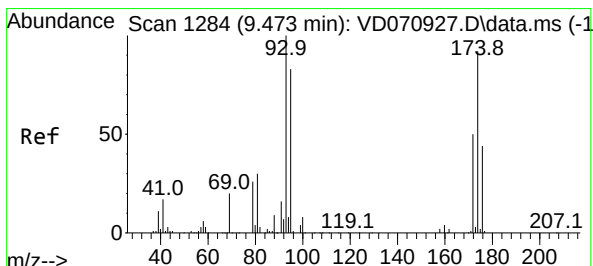
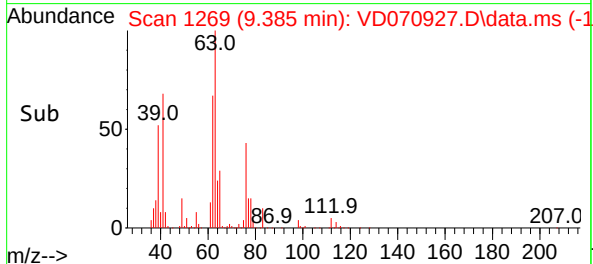
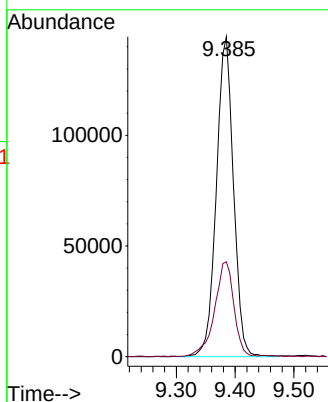
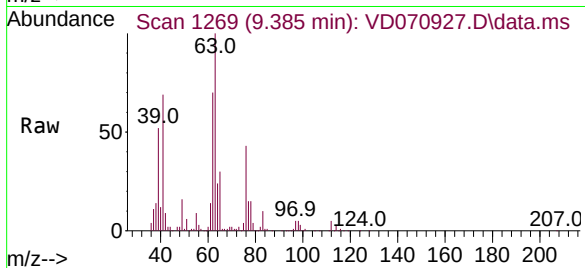
65 29.6 24.2 36.2

Manual Integrations

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Reviewed By :Vimala Arumugam 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#46

Dibromomethane

Concen: 46.977 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD070927.D

Acq: 05 Nov 2021 15:20

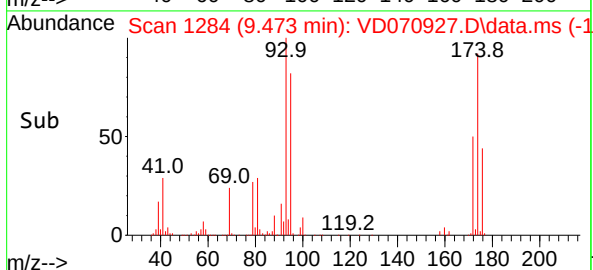
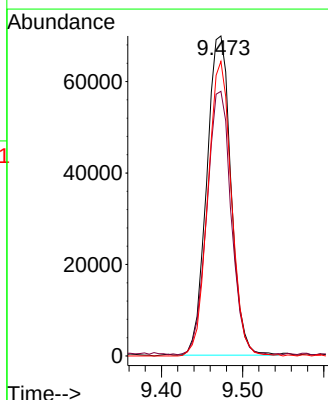
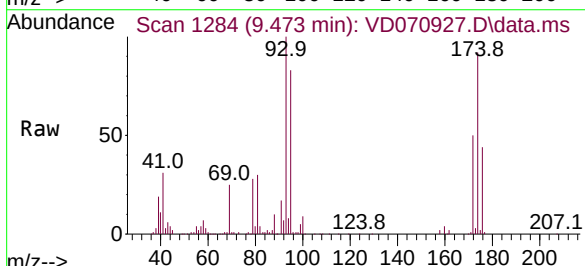
Tgt Ion: 93 Resp: 144820

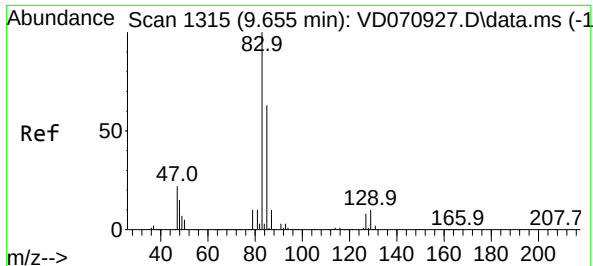
Ion Ratio Lower Upper

93 100

95 82.6 66.1 99.1

174 89.5 78.6 117.8





#47

Bromodichloromethane

Concen: 48.573 ug/l

RT: 9.655 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VD070927.D

Acq: 05 Nov 2021 15:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 39132

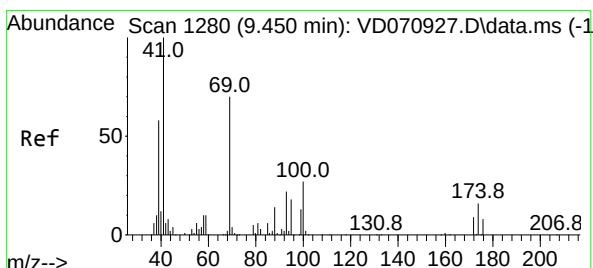
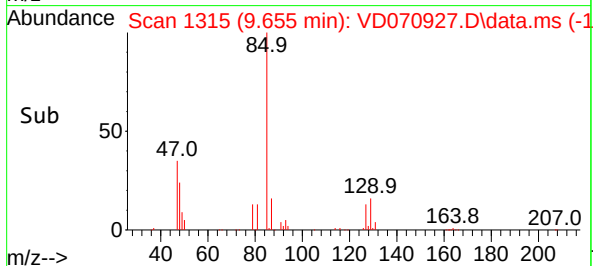
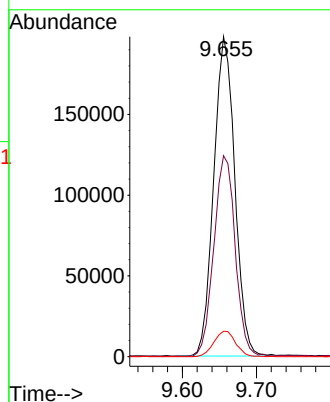
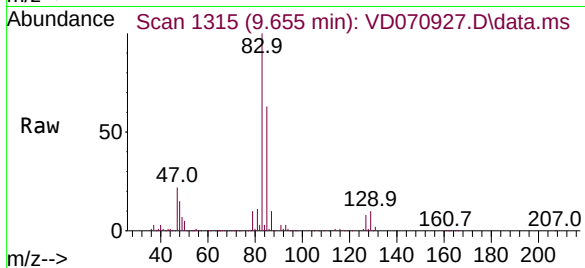
Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.0	75.0
127	8.0	7.3	10.9

Manual Integrations

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Reviewed By :Vimala Arumugam 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#48

Methyl methacrylate

Concen: 67.525 ug/l

RT: 9.450 min Scan# 1280

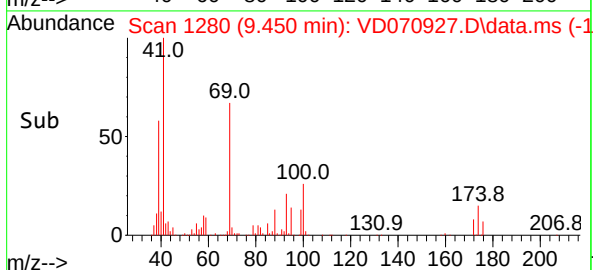
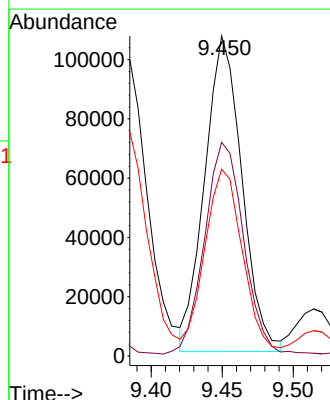
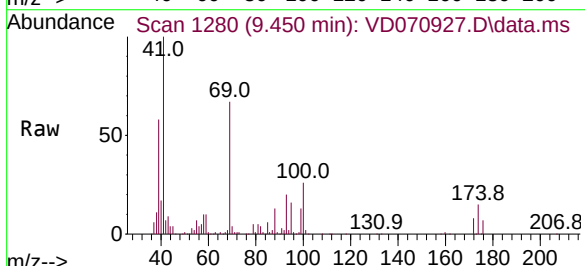
Delta R.T. 0.000 min

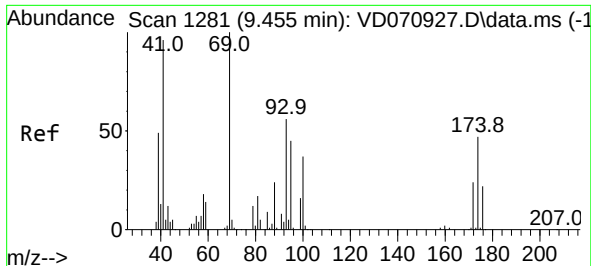
Lab File: VD070927.D

Acq: 05 Nov 2021 15:20

Tgt Ion: 41 Resp: 194031

Ion	Ratio	Lower	Upper
41	100		
69	70.4	69.8	104.6
39	55.3	35.6	53.4





#49

1,4-Dioxane

Concen: 1009.224 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD070927.D

Acq: 05 Nov 2021 15:20

Instrument :

MSVOA_D

ClientSampleId :

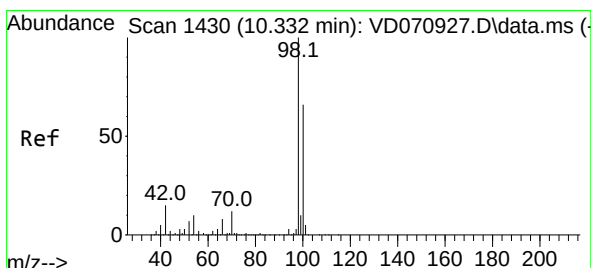
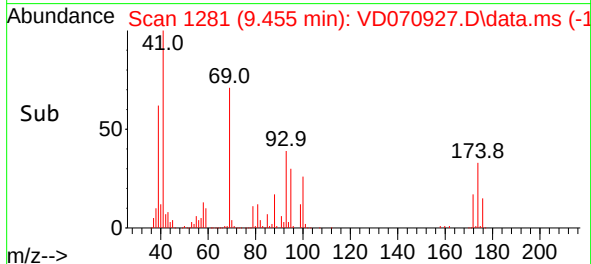
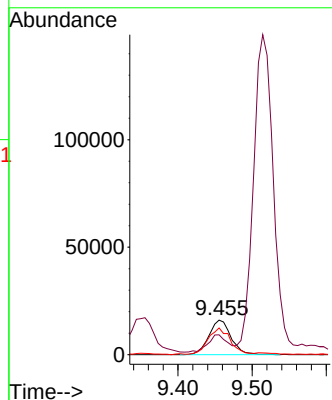
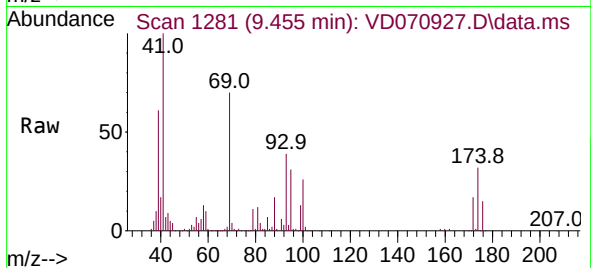
VSTDICCC050

Tgt Ion:	88	Resp:	3350
Ion Ratio	Lower	Upper	
88	100		
43	42.3	28.9	43.3
58	76.1	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: 47.268 ug/l

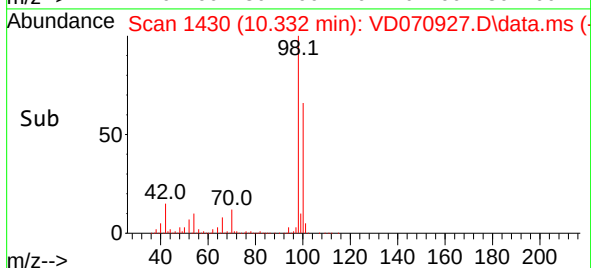
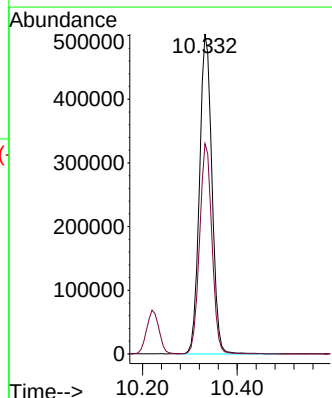
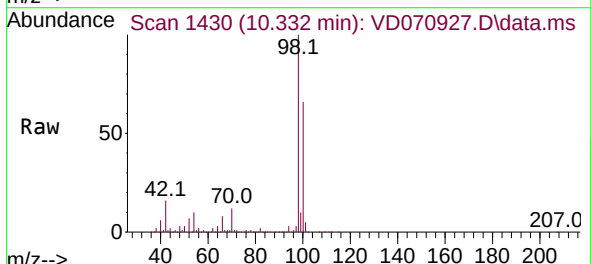
RT: 10.332 min Scan# 1430

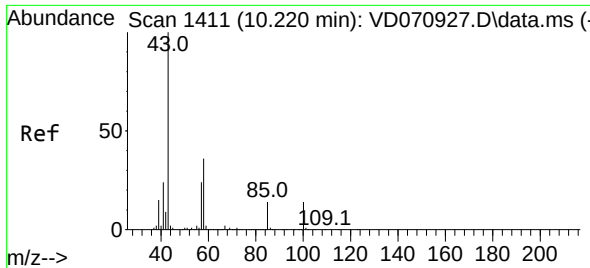
Delta R.T. 0.000 min

Lab File: VD070927.D

Acq: 05 Nov 2021 15:20

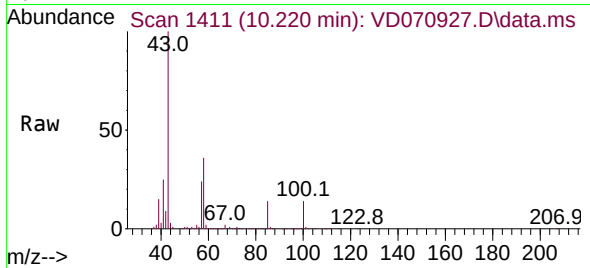
Tgt Ion:	98	Resp:	917625
Ion Ratio	Lower	Upper	
98	100		
100	65.1	51.8	77.6





#51
4-Methyl-2-Pentanone
Concen: 296.874 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

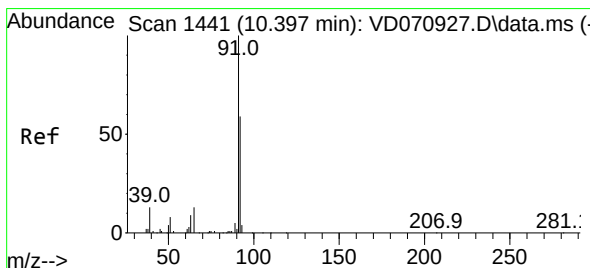
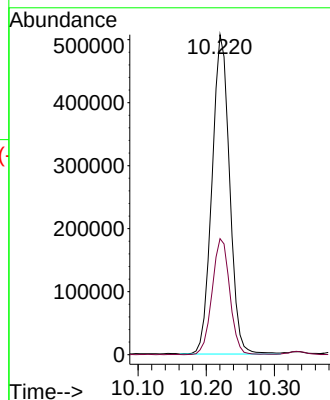
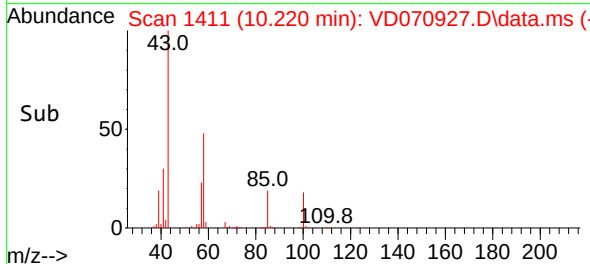
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 911750
Ion Ratio Lower Upper
43 100
58 36.5 33.1 49.7

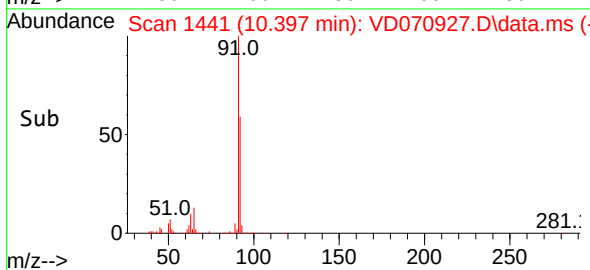
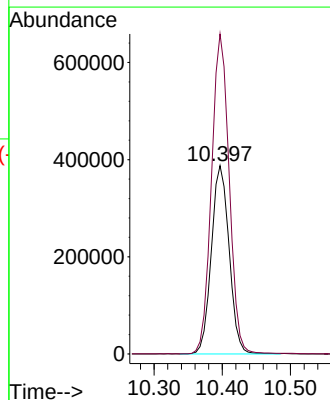
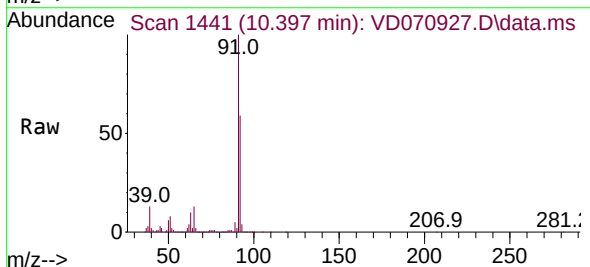
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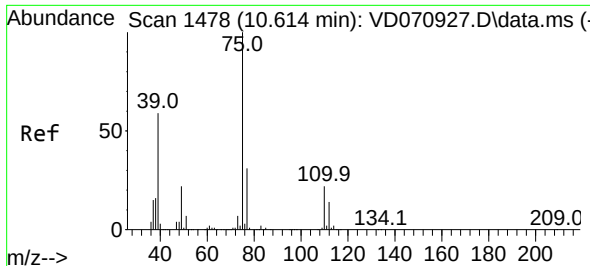
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#52
Toluene
Concen: 49.368 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

Tgt Ion: 92 Resp: 701414
Ion Ratio Lower Upper
92 100
91 170.1 140.7 211.1





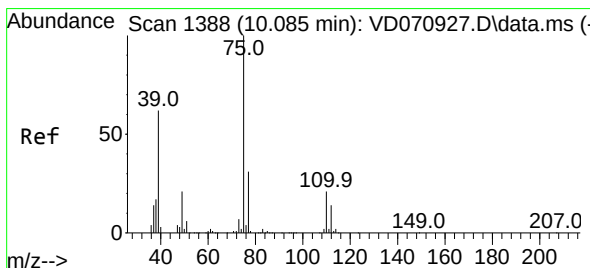
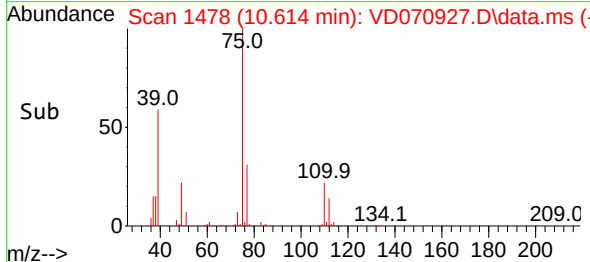
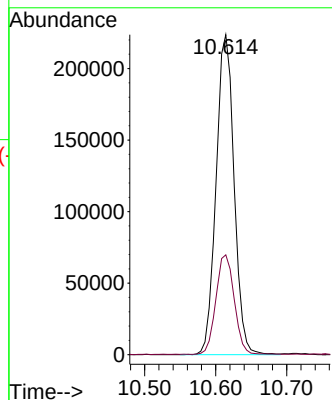
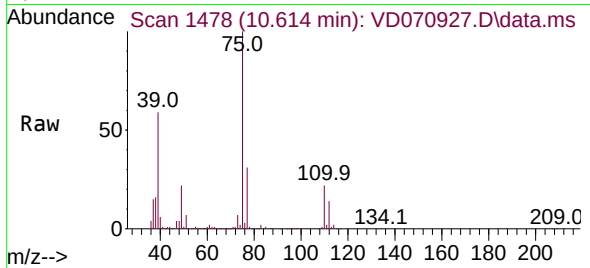
#53
 t-1,3-Dichloropropene
 Concen: 55.008 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD070927.D
 Acq: 05 Nov 2021 15:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 75 Resp: 392412
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.5 36.7

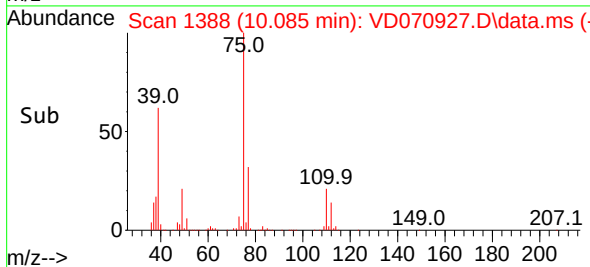
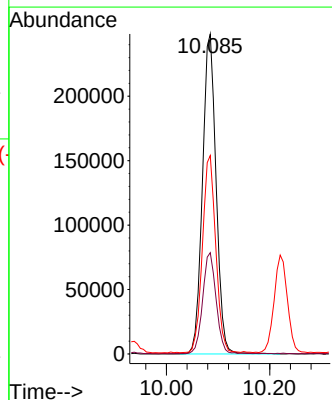
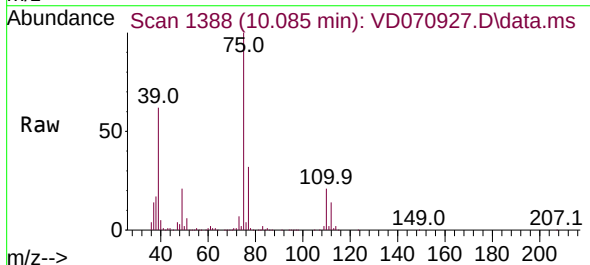
Manual Integrations
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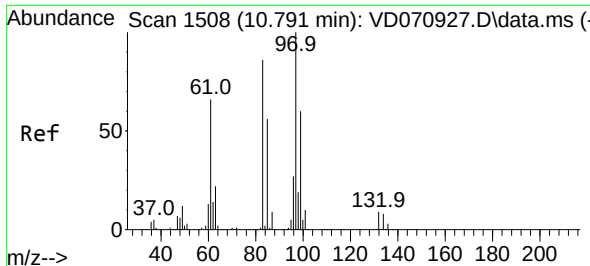
Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#54
 cis-1,3-Dichloropropene
 Concen: 51.822 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. 0.000 min
 Lab File: VD070927.D
 Acq: 05 Nov 2021 15:20

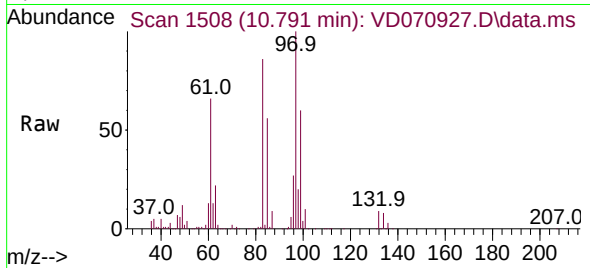
Tgt Ion: 75 Resp: 453228
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.6
 39 61.6 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 43.743 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

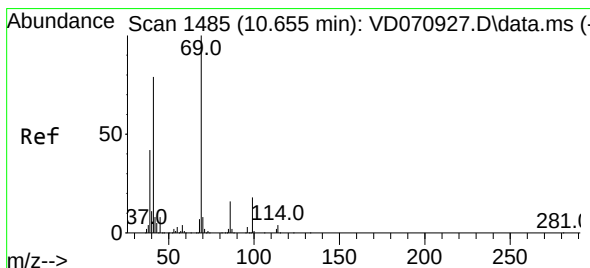
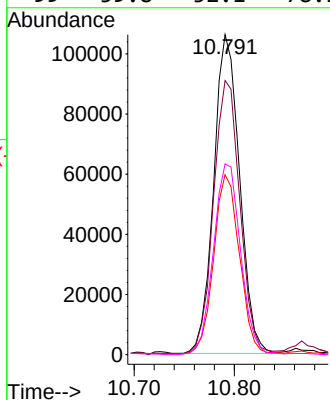
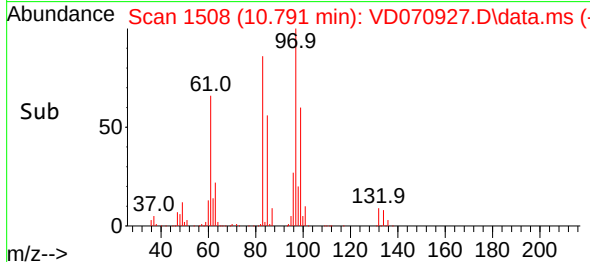
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



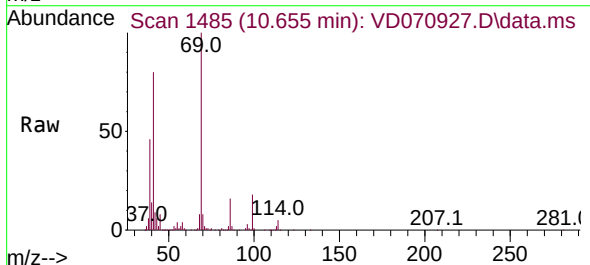
Tgt Ion: 97 Resp: 189640
Ion Ratio Lower Upper
97 100
83 85.6 65.2 97.8
85 56.2 43.4 65.0
99 59.8 52.1 78.1

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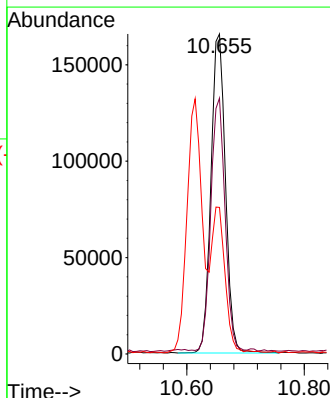
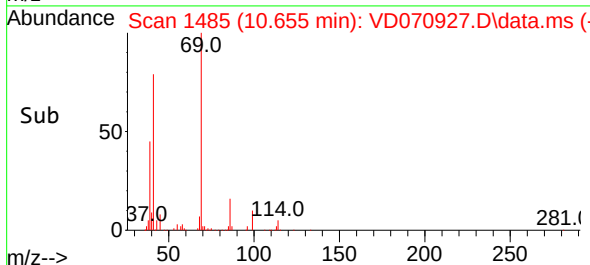
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

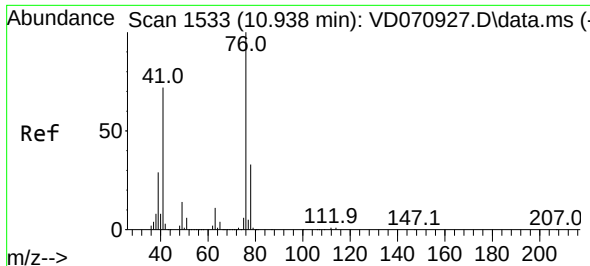


#56
Ethyl methacrylate
Concen: 57.525 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20



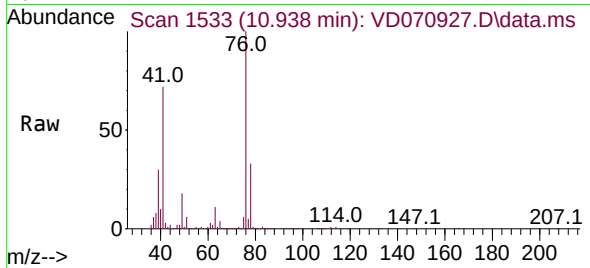
Tgt Ion: 69 Resp: 283600
Ion Ratio Lower Upper
69 100
41 77.3 50.2 75.2#
39 40.4 19.8 29.8#





#57
1,3-Dichloropropane
Concen: 48.104 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

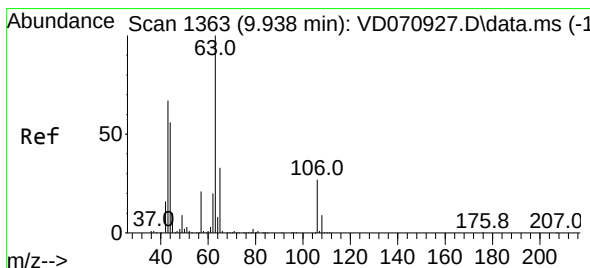
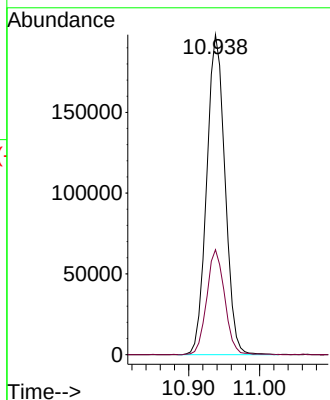
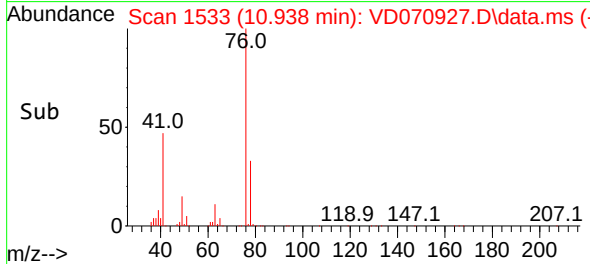
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 354580
Ion Ratio Lower Upper
76 100
78 32.2 25.8 38.6

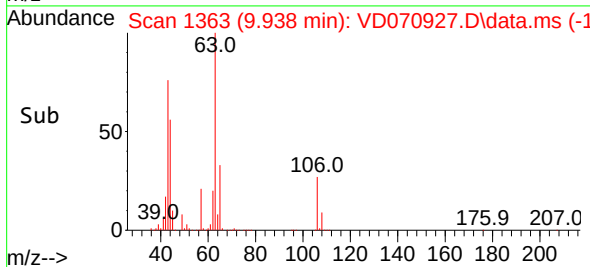
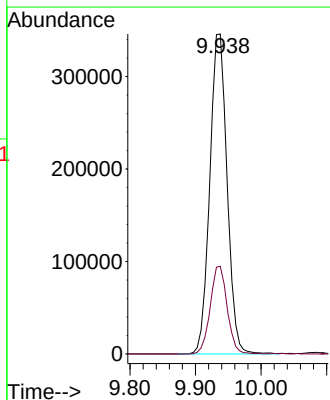
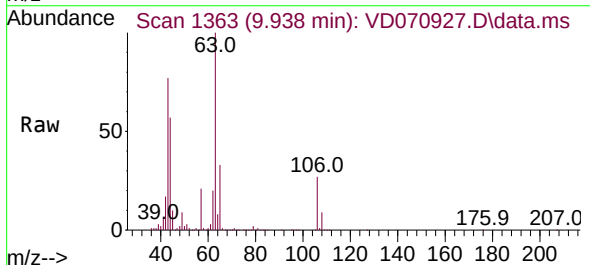
Manual Integrations
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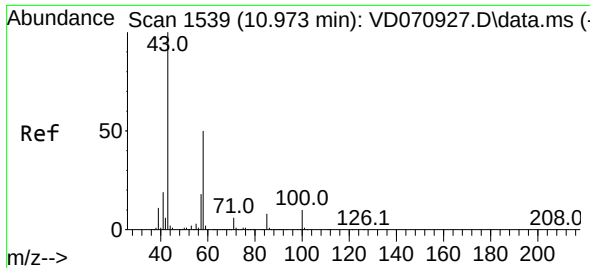
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#58
2-Chloroethyl Vinyl ether
Concen: 290.159 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

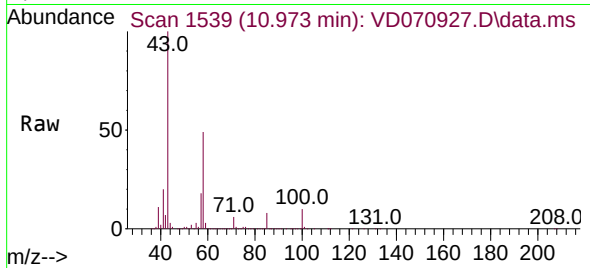
Tgt Ion: 63 Resp: 634129
Ion Ratio Lower Upper
63 100
106 26.8 21.0 31.4





#59
2-Hexanone
Concen: 306.594 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

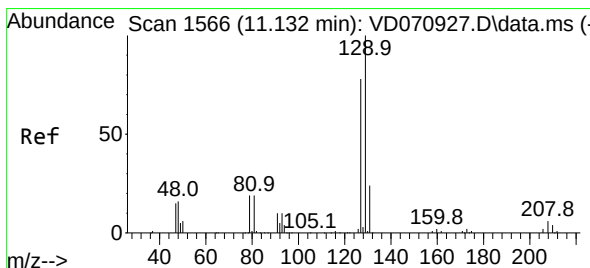
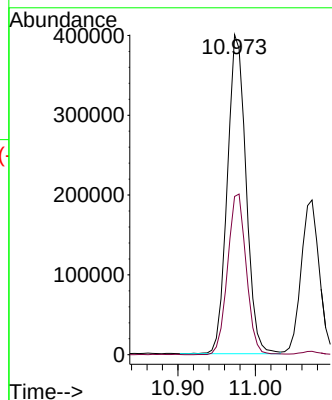
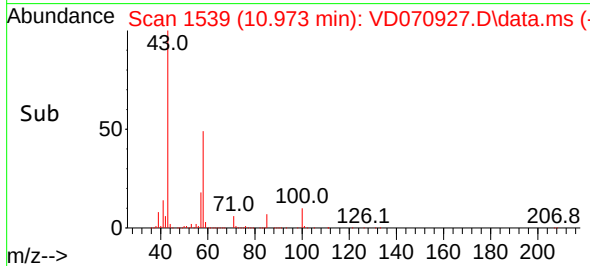
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 67046
Ion Ratio Lower Upper
43 100
58 50.4 28.7 86.1

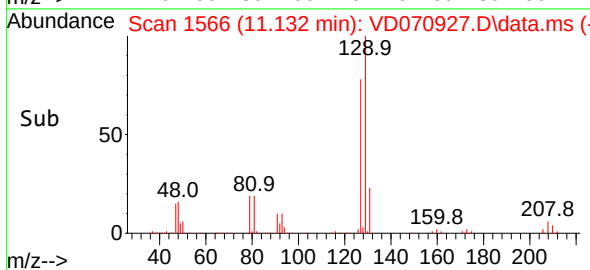
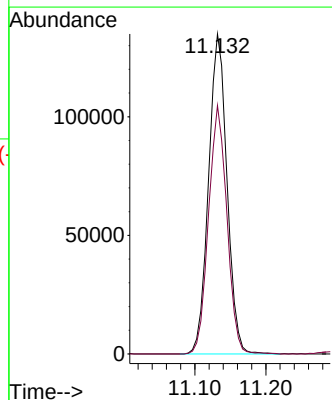
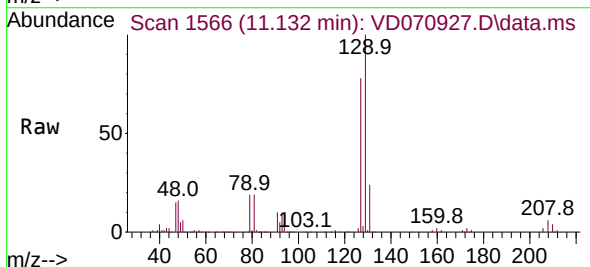
Manual Integrations
APPROVED

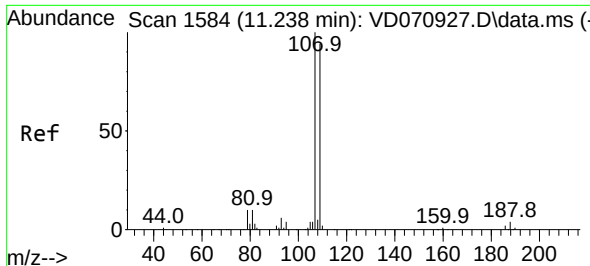
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#60
Dibromochloromethane
Concen: 46.393 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

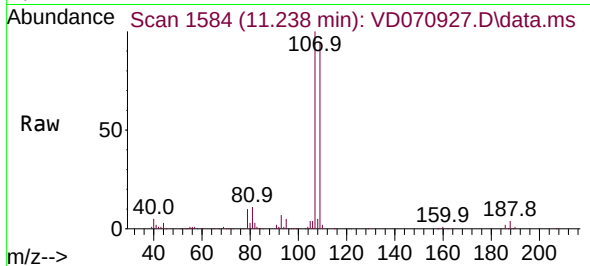
Tgt Ion:129 Resp: 243128
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.6





#61
1,2-Dibromoethane
Concen: 47.450 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

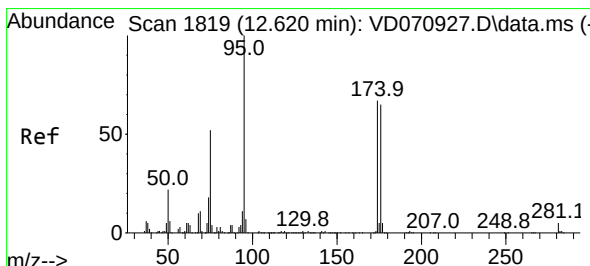
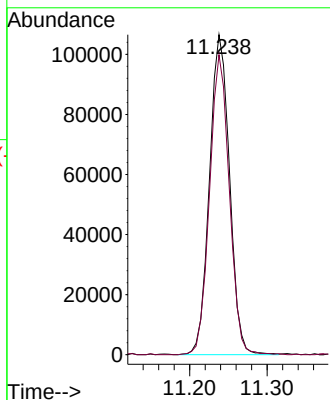
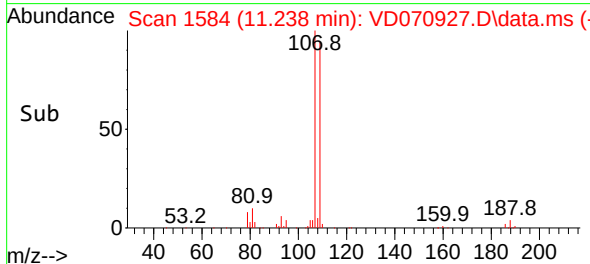
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 19134
Ion Ratio Lower Upper
107 100
109 92.2 74.6 112.0

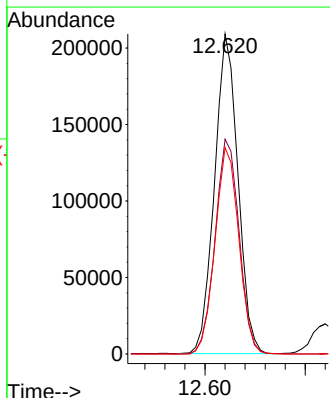
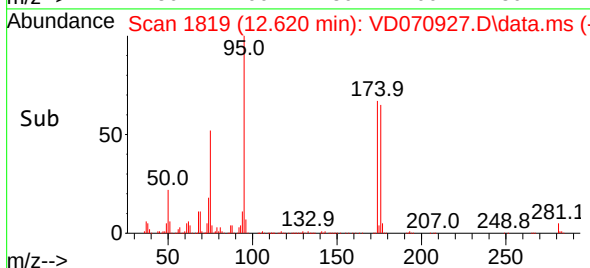
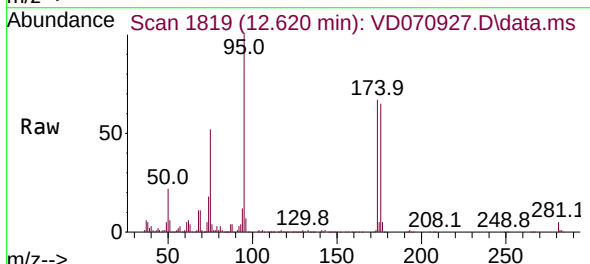
Manual Integrations
APPROVED

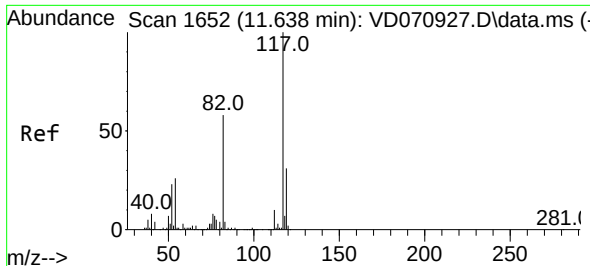
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#62
4-Bromofluorobenzene
Concen: 51.780 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

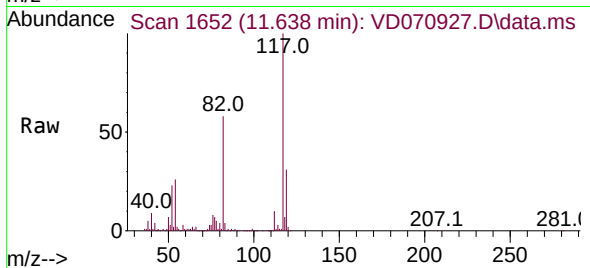
Tgt Ion: 95 Resp: 338637
Ion Ratio Lower Upper
95 100
174 68.7 0.0 159.4
176 65.8 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

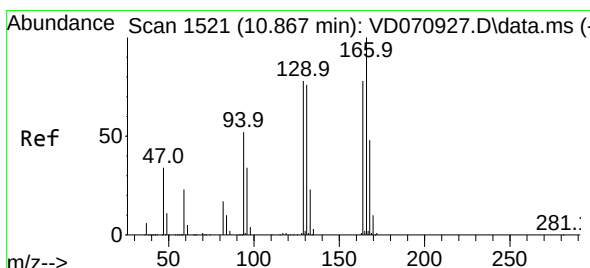
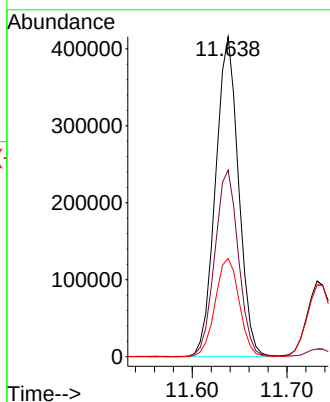
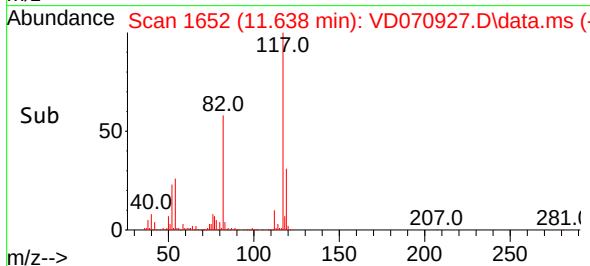
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



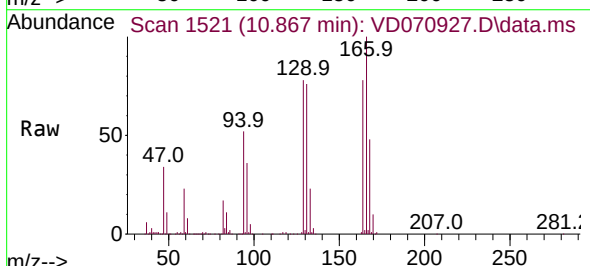
Tgt Ion:117 Resp: 703558
Ion Ratio Lower Upper
117 100
82 58.2 44.7 67.1
119 30.7 26.2 39.4

Manual Integrations
APPROVED

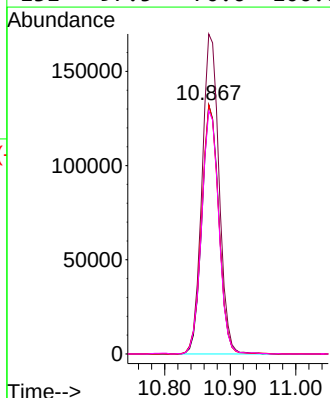
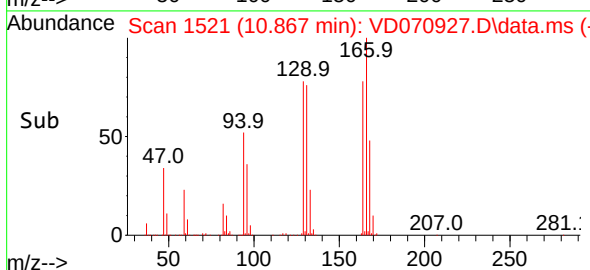
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

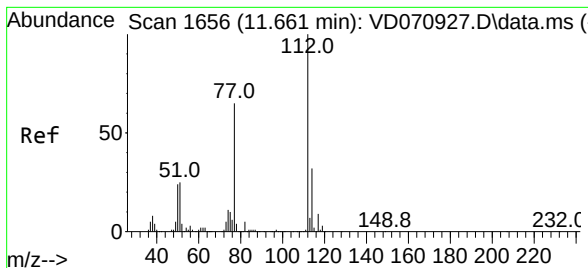


#64
Tetrachloroethene
Concen: 49.746 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20



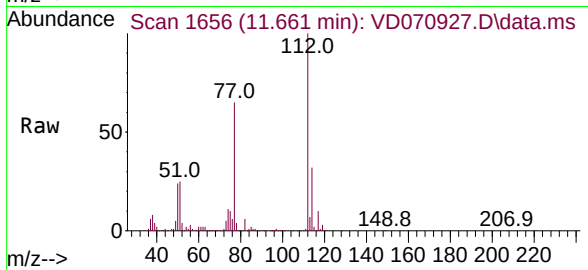
Tgt Ion:164 Resp: 236506
Ion Ratio Lower Upper
164 100
166 128.5 102.6 153.8
129 100.0 75.4 113.0
131 97.5 70.6 106.0





#65
Chlorobenzene
Concen: 50.037 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

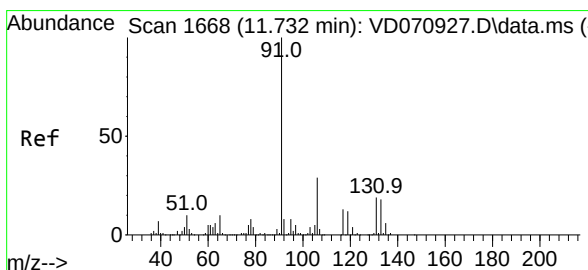
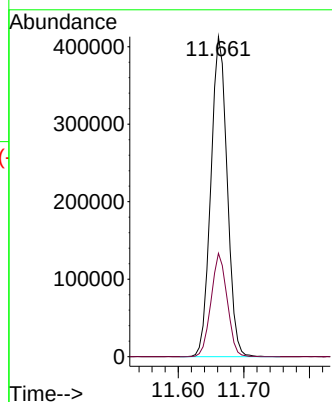
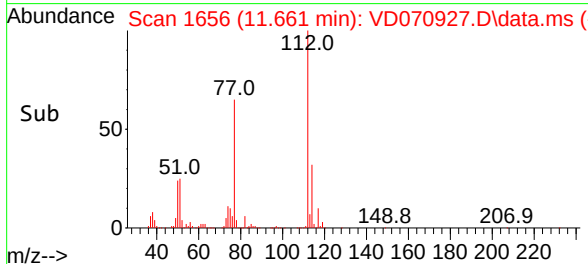
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



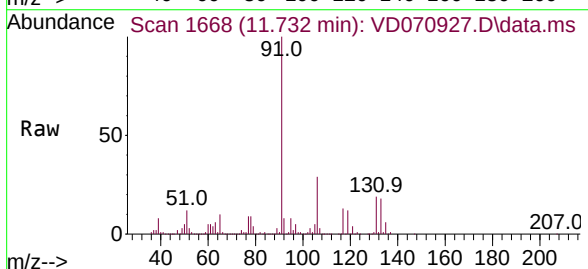
Tgt Ion:112 Resp: 713654
Ion Ratio Lower Upper
112 100
114 32.3 26.0 39.0

Manual Integrations
APPROVED

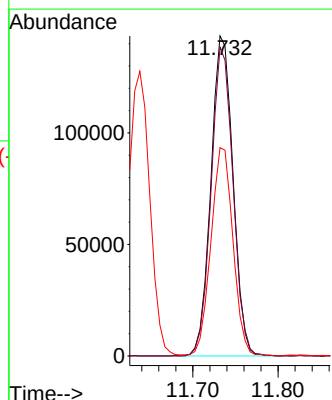
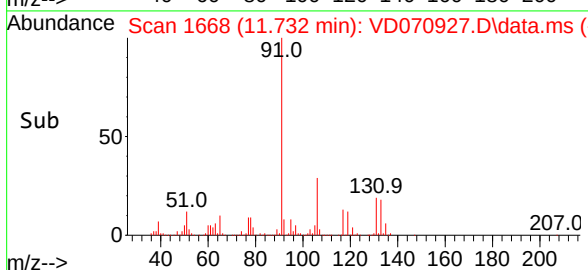
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

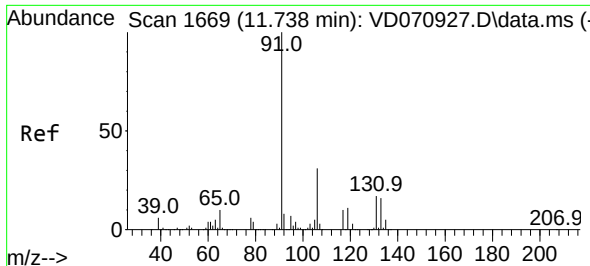


#66
1,1,1,2-Tetrachloroethane
Concen: 48.940 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20



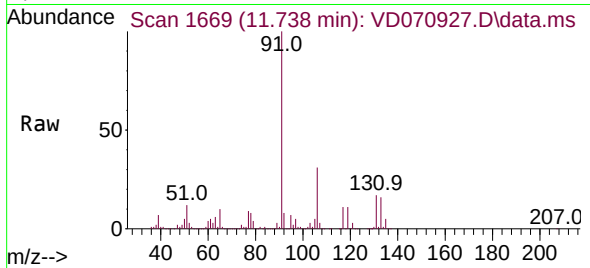
Tgt Ion:131 Resp: 258225
Ion Ratio Lower Upper
131 100
133 95.5 48.0 144.0
119 65.1 33.5 100.4





#67
Ethyl Benzene
Concen: 54.332 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

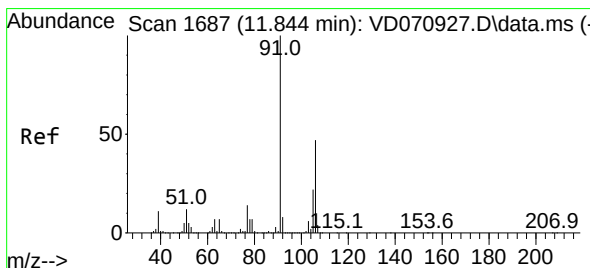
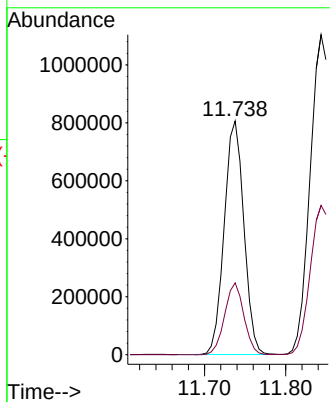
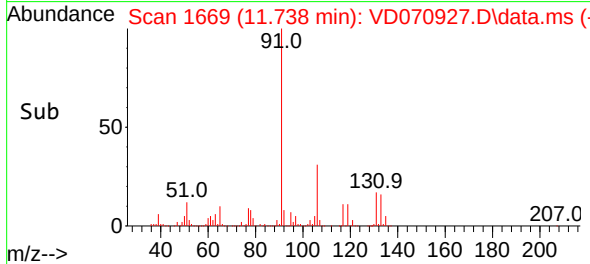
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



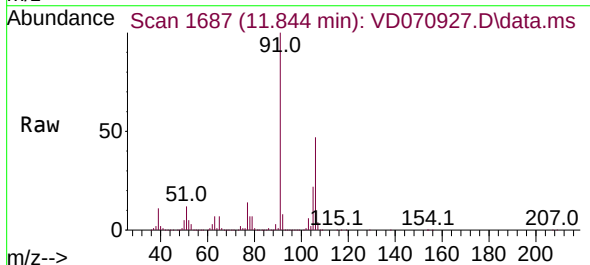
Tgt Ion: 91 Resp: 135774
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8

Manual Integrations
APPROVED

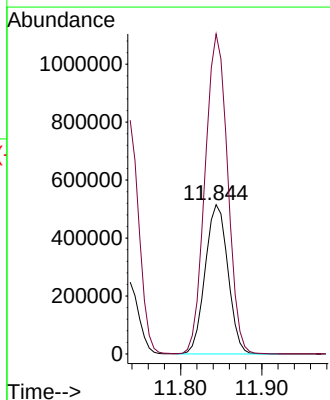
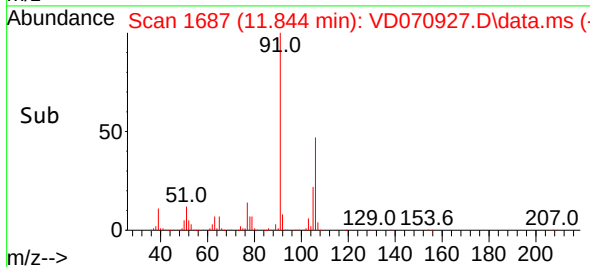
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

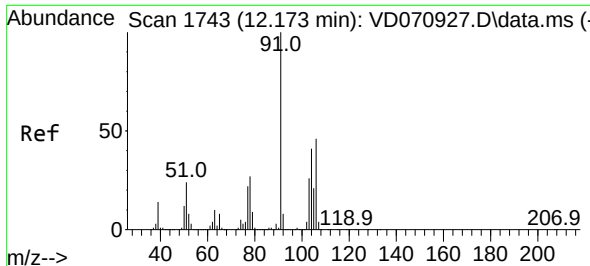


#68
m/p-Xylenes
Concen: 104.412 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20



Tgt Ion:106 Resp: 1003489
Ion Ratio Lower Upper
106 100
91 212.6 160.1 240.1





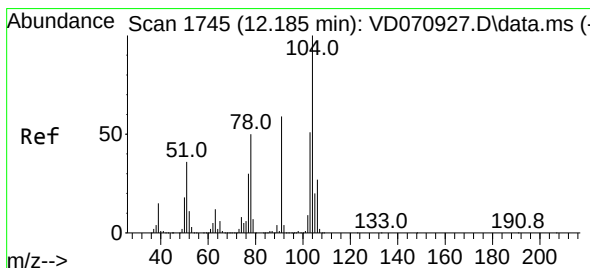
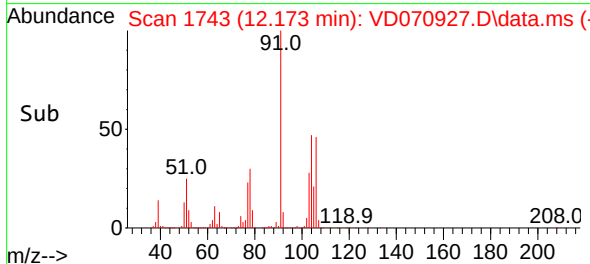
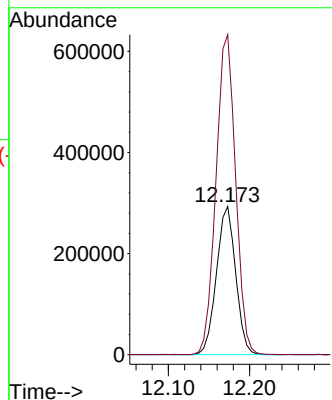
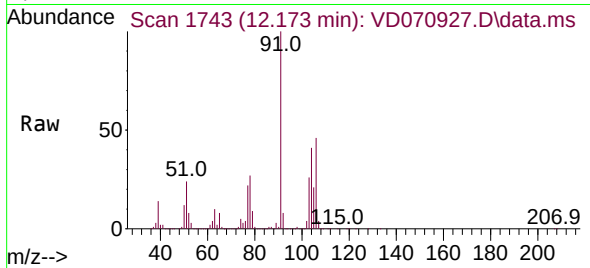
#69
o-Xylene
Concen: 54.784 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 482723
Ion Ratio Lower Upper
106 100
91 220.1 106.3 319.0

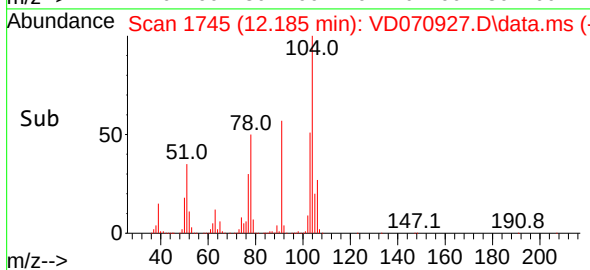
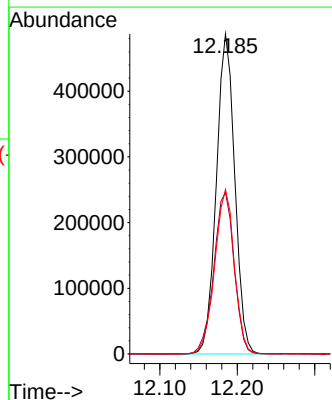
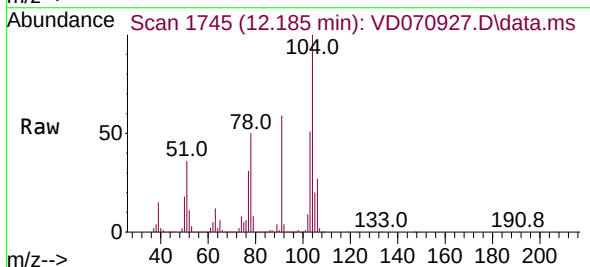
Manual Integrations
APPROVED

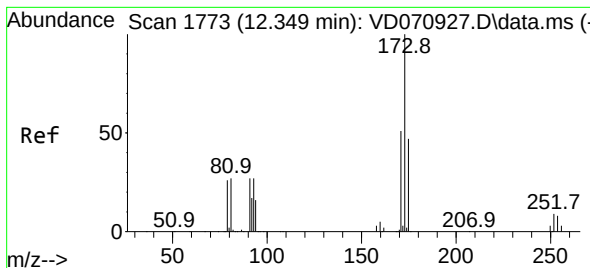
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#70
Styrene
Concen: 53.206 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

Tgt Ion:104 Resp: 803529
Ion Ratio Lower Upper
104 100
78 55.5 39.4 59.0
103 54.9 43.4 65.0





#71

Bromoform

Concen: 48.148 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD070927.D

Acq: 05 Nov 2021 15:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion:173 Resp: 133480

Ion Ratio Lower Upper

173 100

175 47.8 24.1 72.2

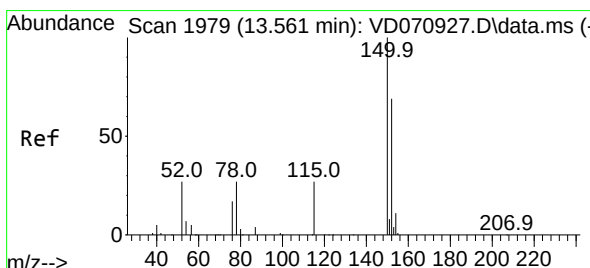
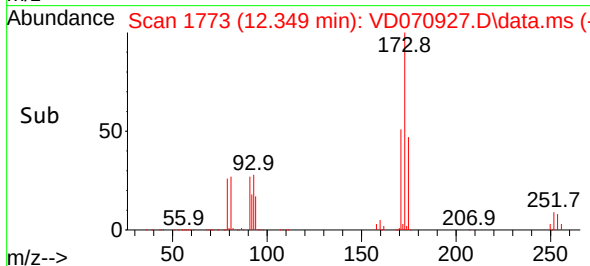
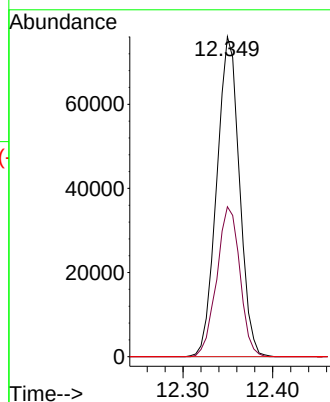
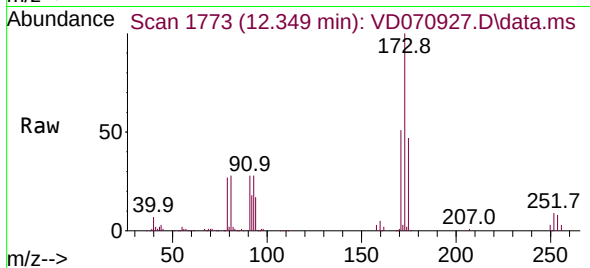
254 0.0 0.1 0.1

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: VD070927.D

Acq: 05 Nov 2021 15:20

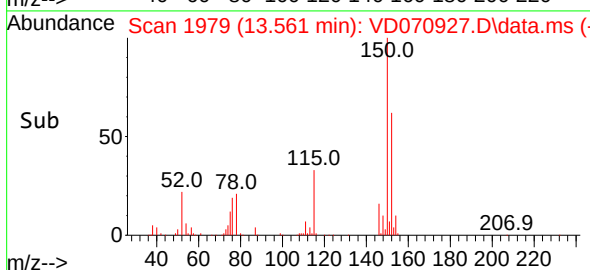
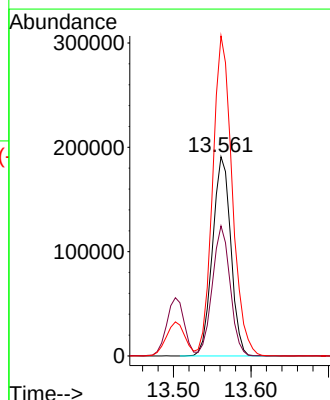
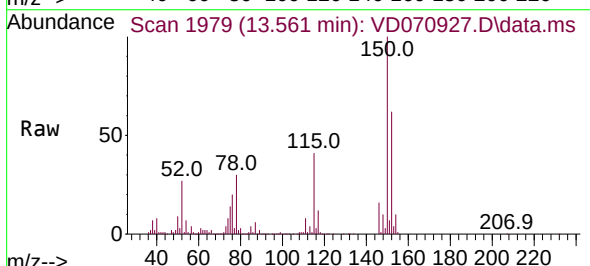
Tgt Ion:152 Resp: 312201

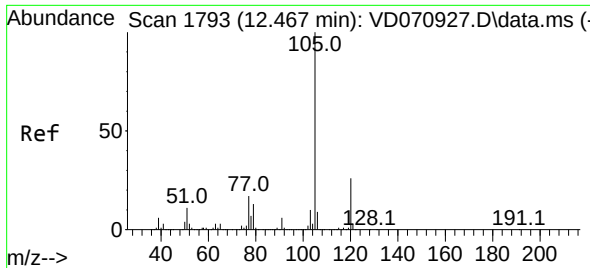
Ion Ratio Lower Upper

152 100

115 63.4 29.8 89.3

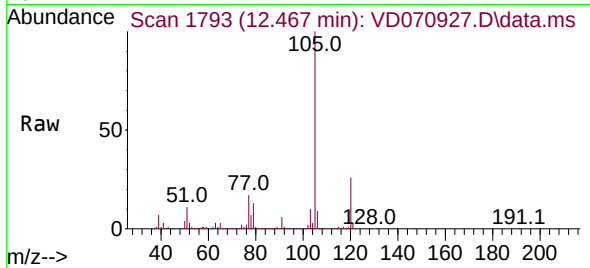
150 171.9 0.0 349.2





#73
Isopropylbenzene
Concen: 61.344 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

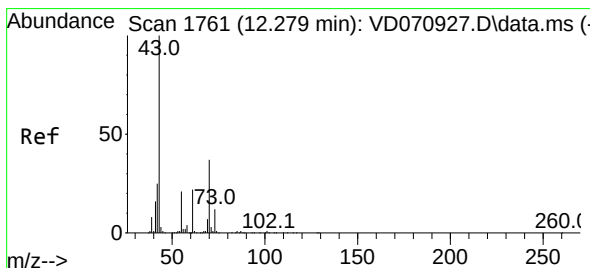
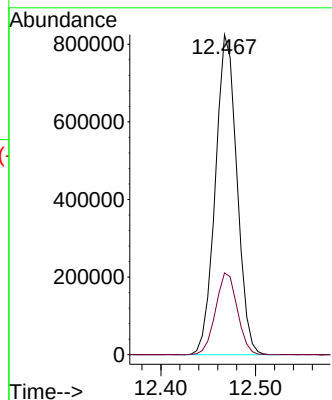
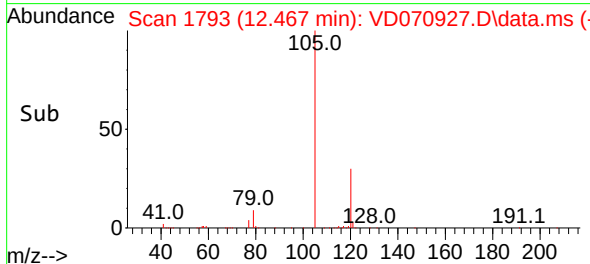
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



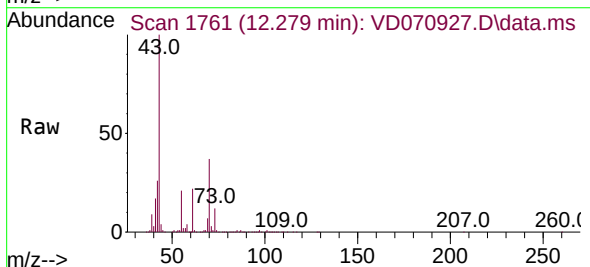
Tgt Ion:105 Resp: 1304350
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.5

Manual Integrations
APPROVED

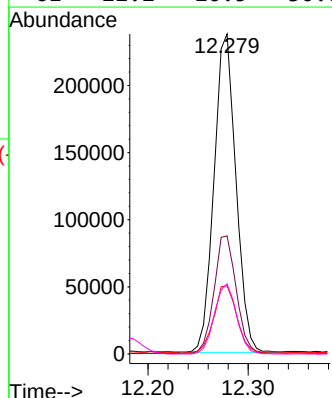
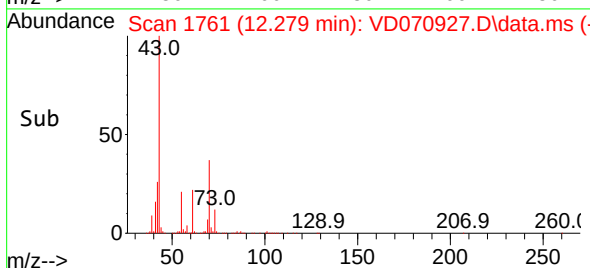
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

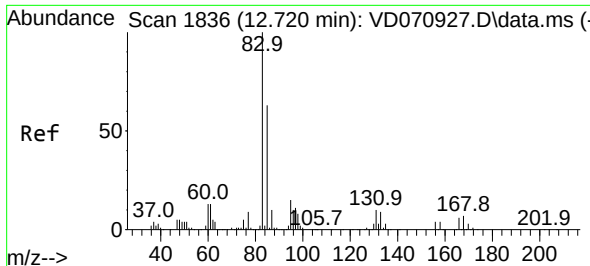


#74
N-ethyl acetate
Concen: 72.679 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20



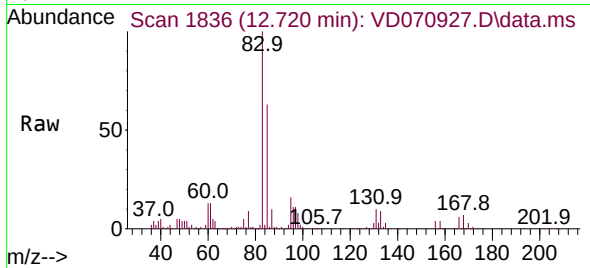
Tgt Ion: 43 Resp: 359870
Ion Ratio Lower Upper
43 100
70 37.4 36.6 55.0
55 21.9 22.5 33.7#
61 22.2 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 49.602 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

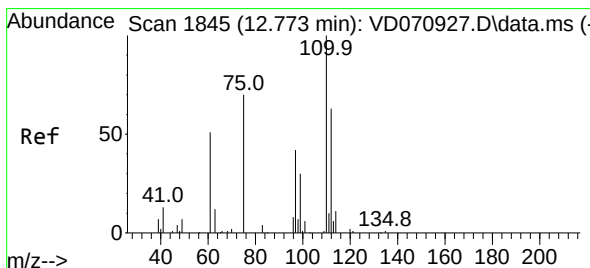
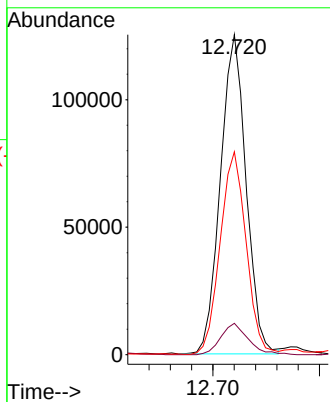
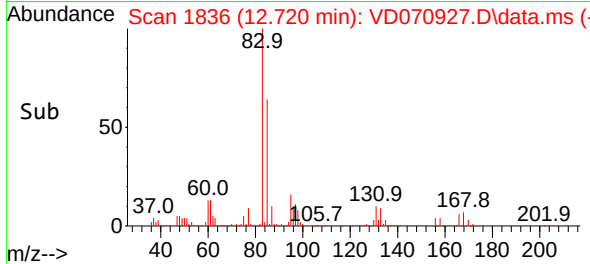
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 209549
Ion Ratio Lower Upper
83 100
131 10.5 4.9 14.7
85 64.0 32.0 96.2

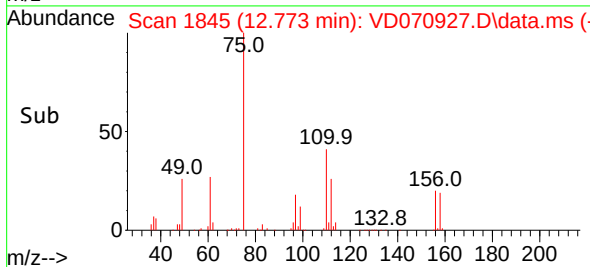
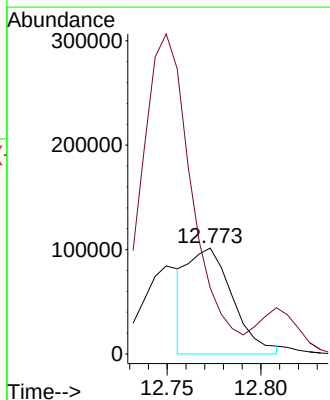
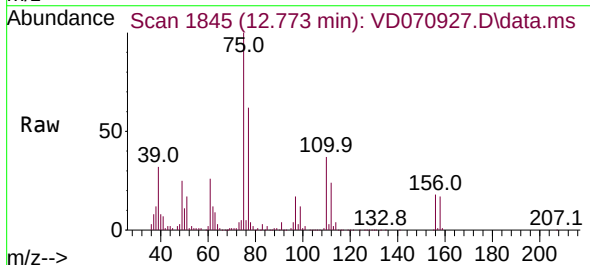
Manual Integrations
APPROVED

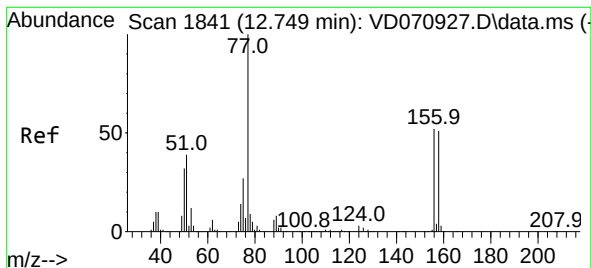
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#76
1,2,3-Trichloropropane
Concen: 54.795 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

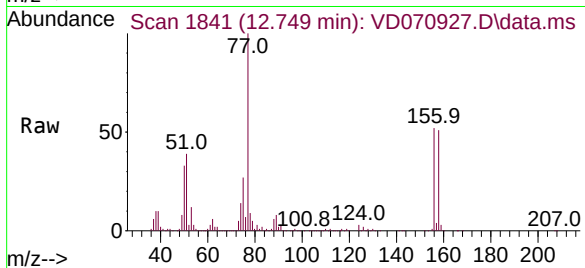
Tgt Ion: 75 Resp: 169974
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#





#77
Bromobenzene
Concen: 52.984 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

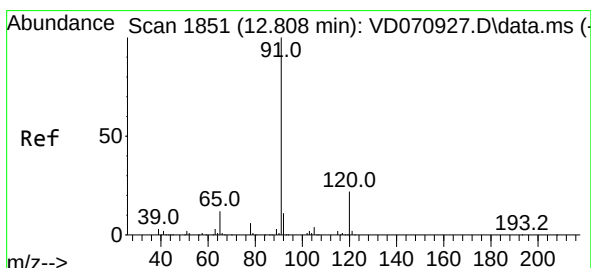
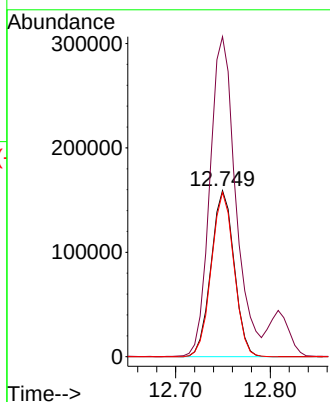
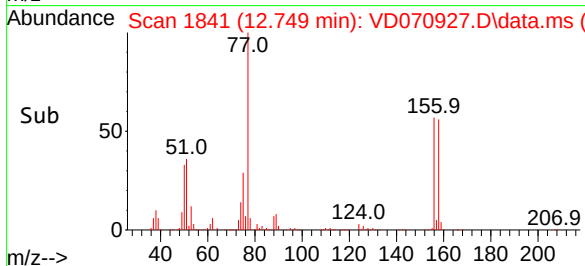
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



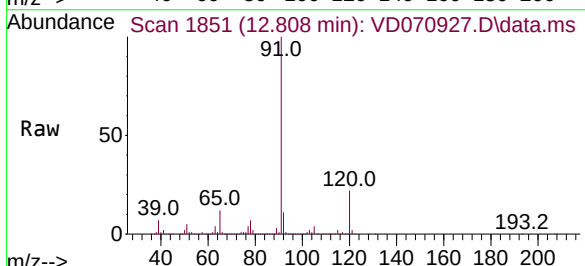
Tgt Ion:156 Resp: 26892
Ion Ratio Lower Upper
156 100
77 215.8 96.6 289.8
158 97.0 49.1 147.4

Manual Integrations
APPROVED

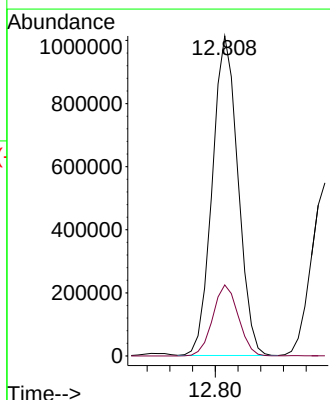
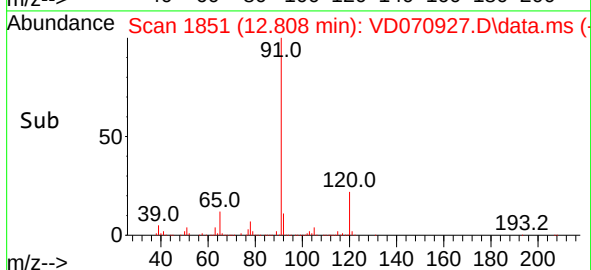
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

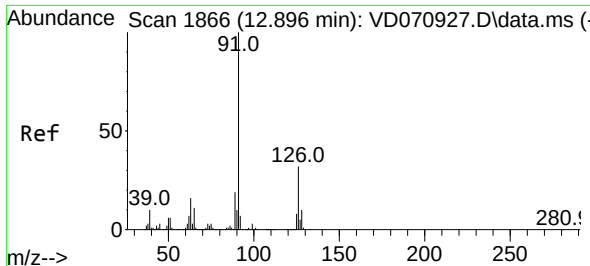


#78
n-propylbenzene
Concen: 58.762 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20



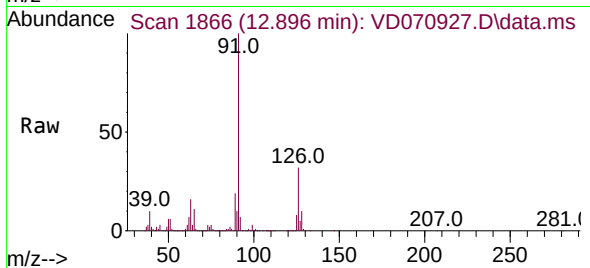
Tgt Ion: 91 Resp: 1589485
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.9





#79
2-Chlorotoluene
Concen: 57.617 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

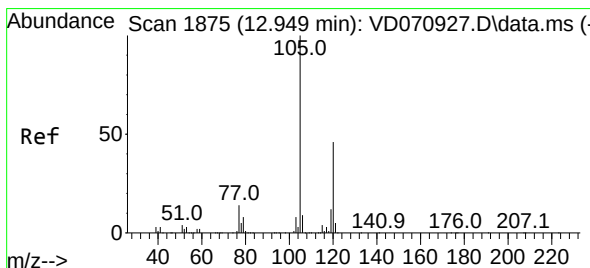
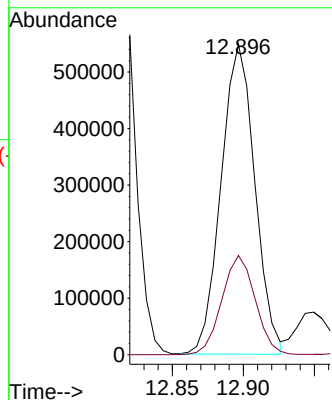
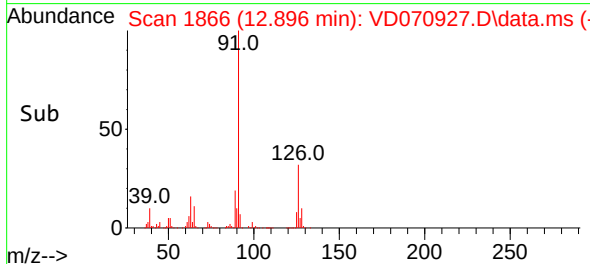
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



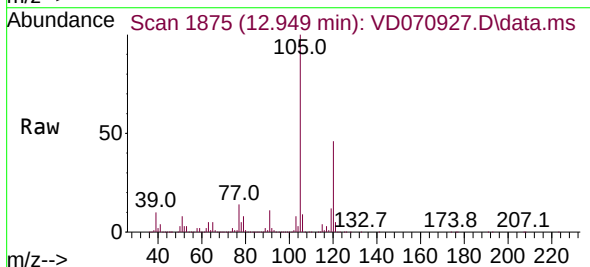
Tgt Ion: 91 Resp: 905708
Ion Ratio Lower Upper
91 100
126 31.6 16.6 49.7

Manual Integrations
APPROVED

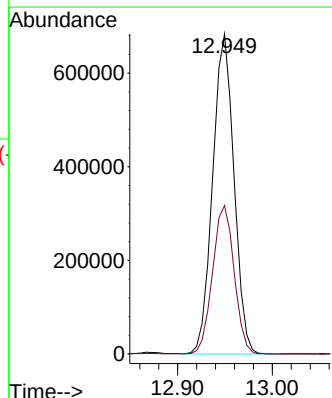
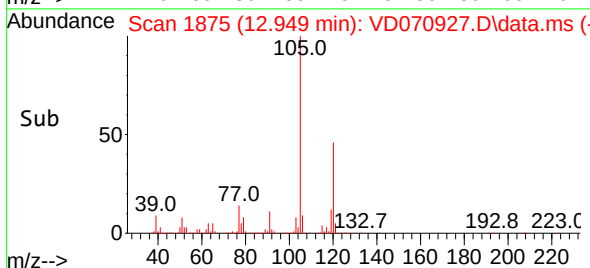
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

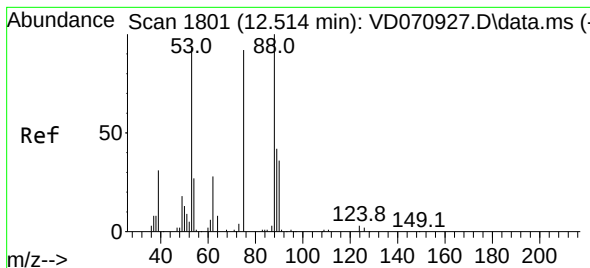


#80
1,3,5-Trimethylbenzene
Concen: 59.631 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20



Tgt Ion:105 Resp: 1068075
Ion Ratio Lower Upper
105 100
120 47.1 24.6 73.8





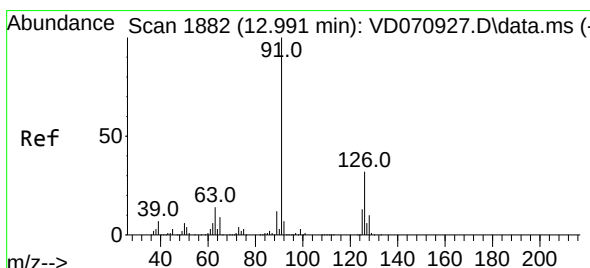
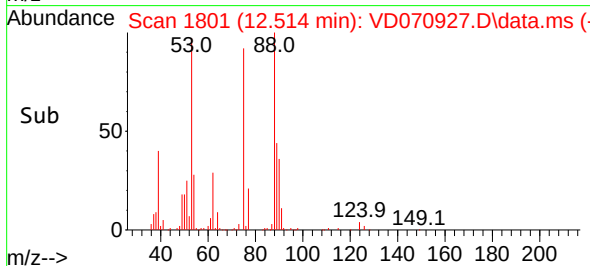
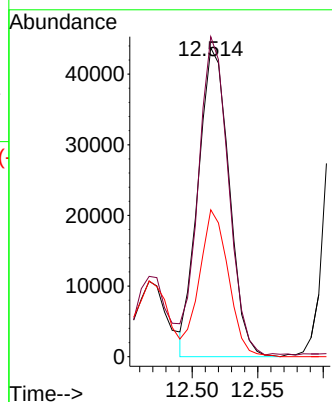
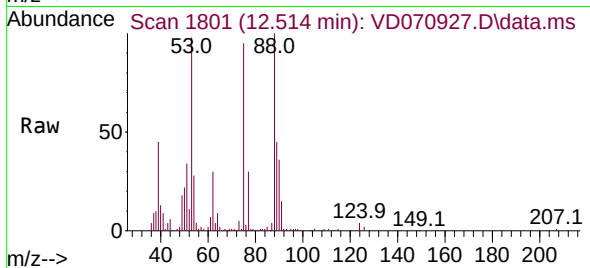
#81
trans-1,4-Dichloro-2-butene
Concen: 60.152 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 71990
Ion Ratio Lower Upper
75 100
53 99.4 62.6 94.0
89 44.7 34.5 51.7

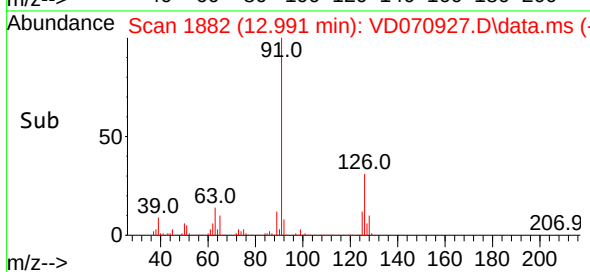
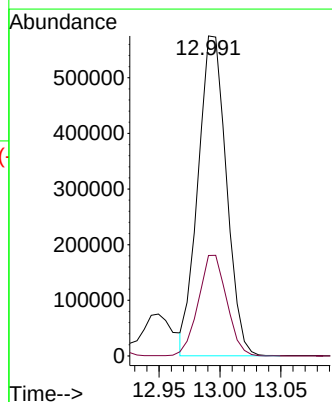
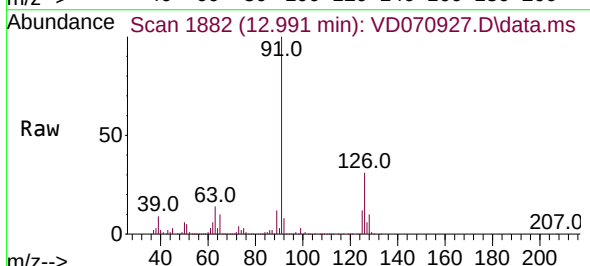
Manual Integrations
APPROVED

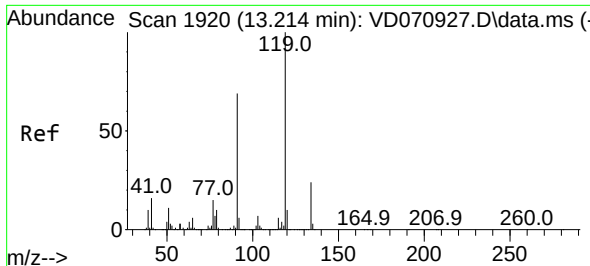
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#82
4-Chlorotoluene
Concen: 57.147 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

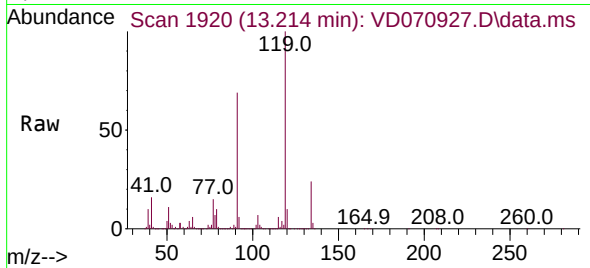
Tgt Ion: 91 Resp: 932383
Ion Ratio Lower Upper
91 100
126 31.6 16.4 49.1





#83
tert-Butylbenzene
Concen: 61.359 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

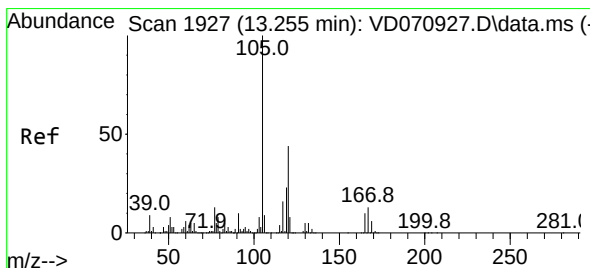
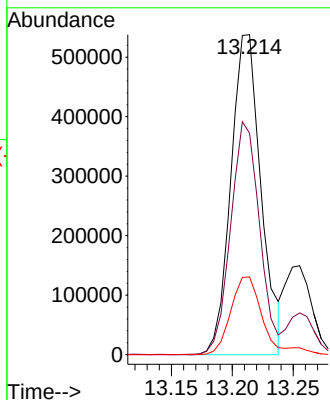
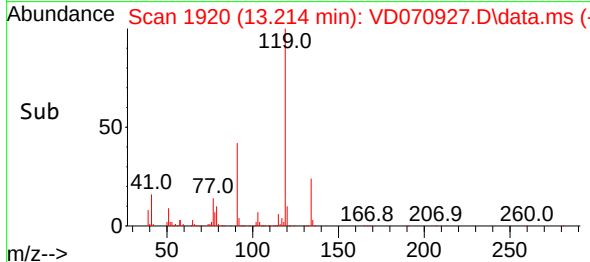
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



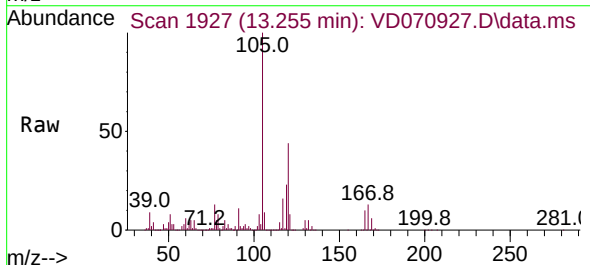
Tgt Ion:119 Resp: 92626
Ion Ratio Lower Upper
119 100
91 69.9 32.5 97.5
134 26.0 13.2 39.6

Manual Integrations
APPROVED

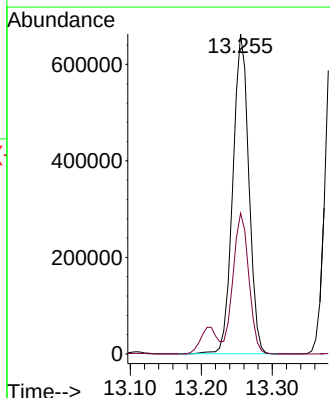
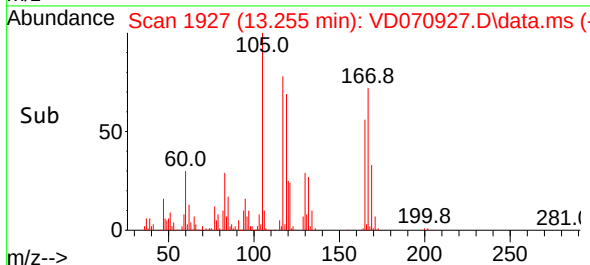
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

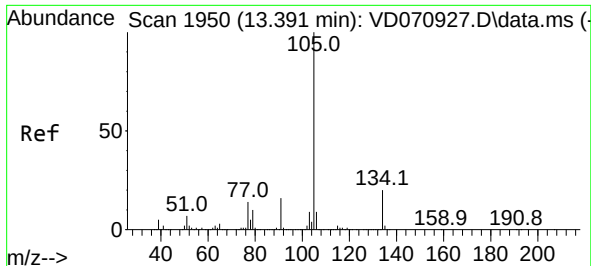


#84
1,2,4-Trimethylbenzene
Concen: 59.086 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20



Tgt Ion:105 Resp: 1040330
Ion Ratio Lower Upper
105 100
120 43.8 22.9 68.7





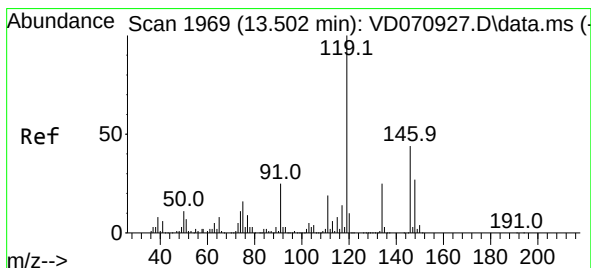
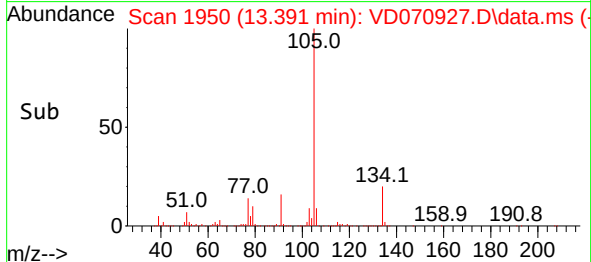
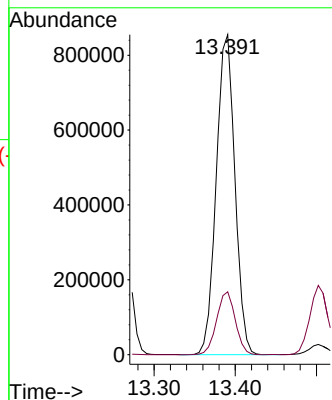
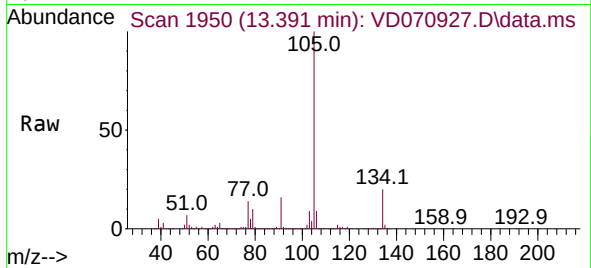
#85
 sec-Butylbenzene
 Concen: 58.042 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD070927.D
 Acq: 05 Nov 2021 15:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 136541
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 28.9

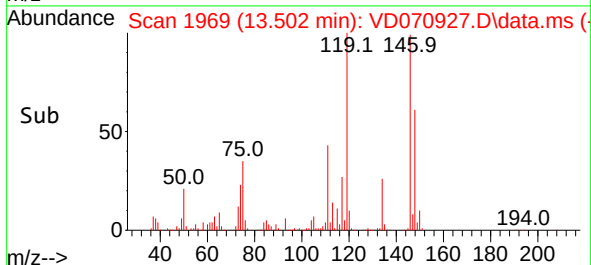
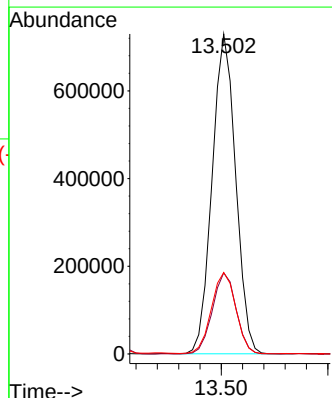
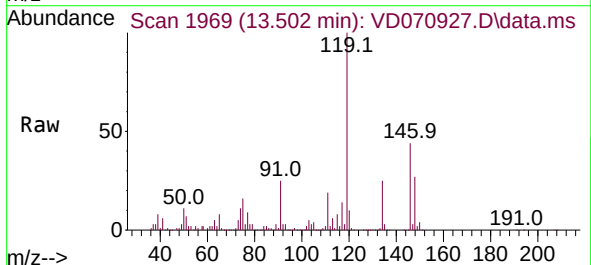
Manual Integrations
 APPROVED

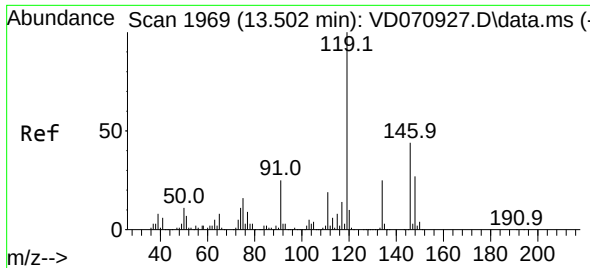
Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#86
 p-Isopropyltoluene
 Concen: 59.029 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD070927.D
 Acq: 05 Nov 2021 15:20

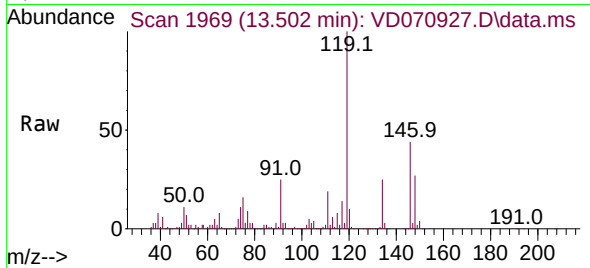
Tgt Ion:119 Resp: 1117317
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 38.9
 91 26.3 11.4 34.2





#87
1,3-Dichlorobenzene
Concen: 50.172 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

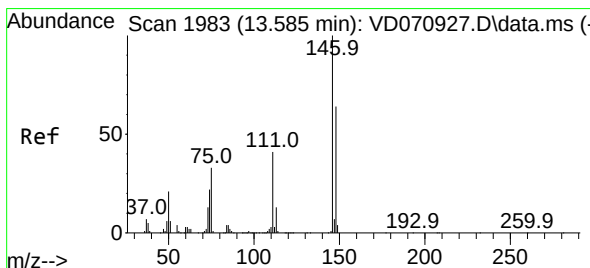
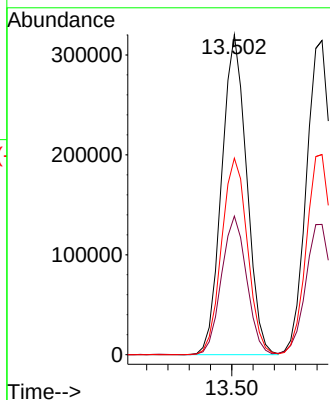
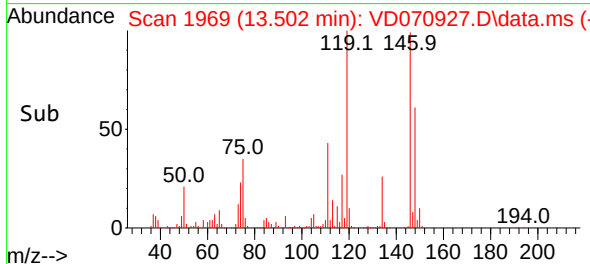
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



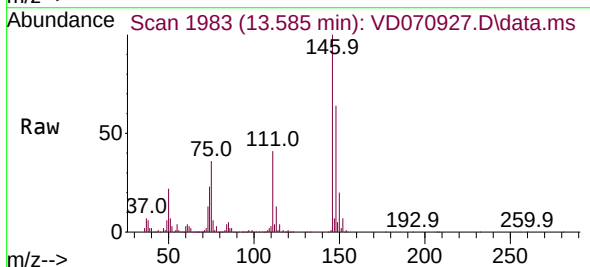
Tgt Ion:146 Resp: 521335
Ion Ratio Lower Upper
146 100
111 43.5 19.8 59.4
148 63.5 32.1 96.3

Manual Integrations
APPROVED

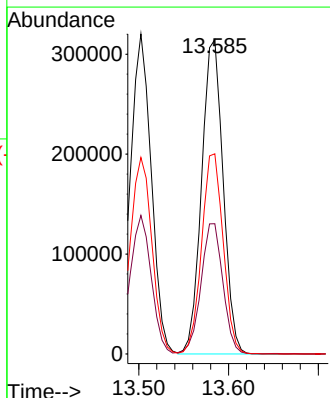
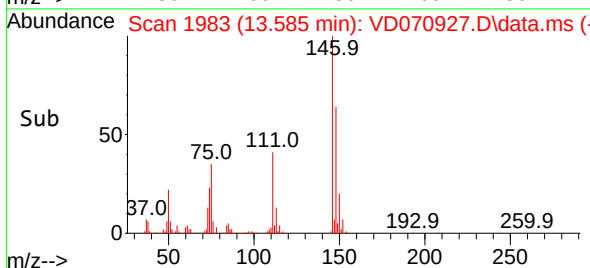
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

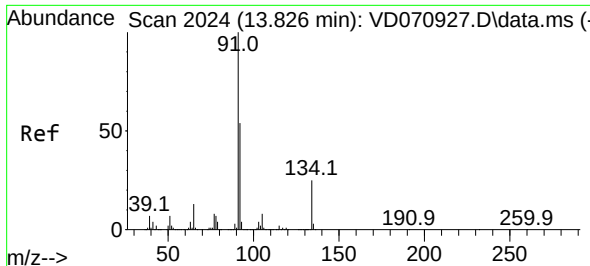


#88
1,4-Dichlorobenzene
Concen: 50.625 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20



Tgt Ion:146 Resp: 523335
Ion Ratio Lower Upper
146 100
111 42.2 19.6 58.8
148 63.9 31.5 94.5





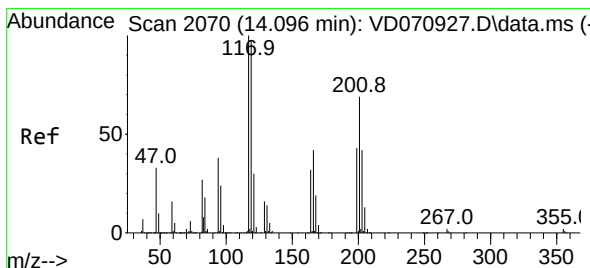
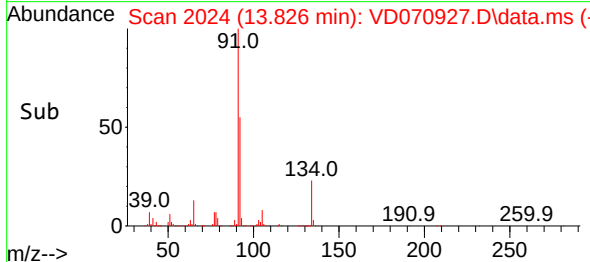
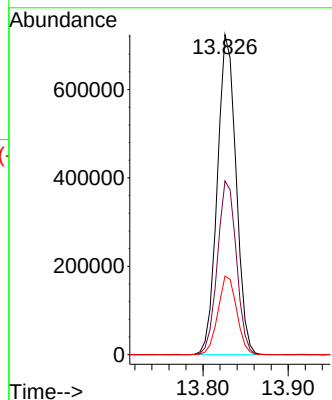
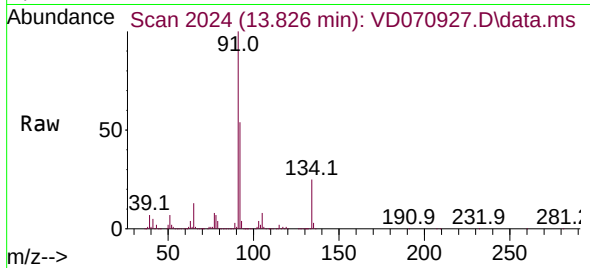
#89
n-Butylbenzene
Concen: 59.159 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 110561
Ion Ratio Lower Upper
91 100
92 55.0 27.3 81.9
134 24.7 12.3 36.9

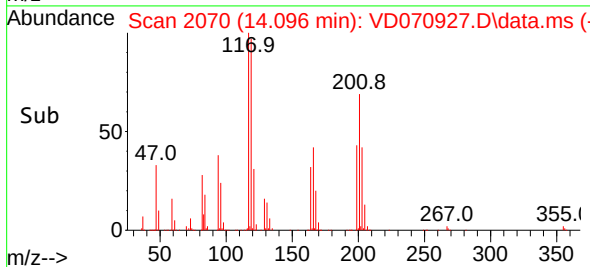
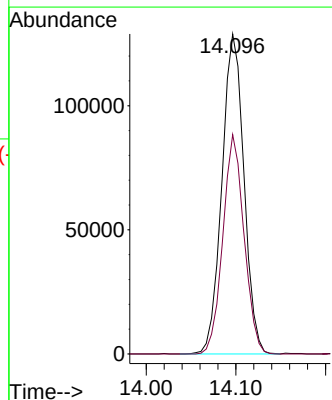
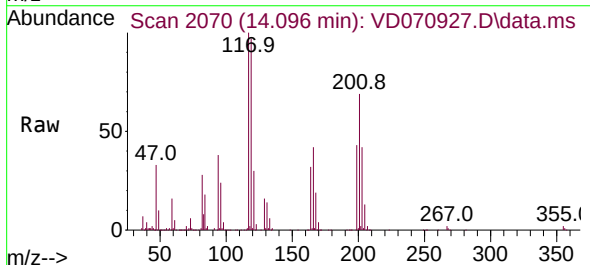
Manual Integrations
APPROVED

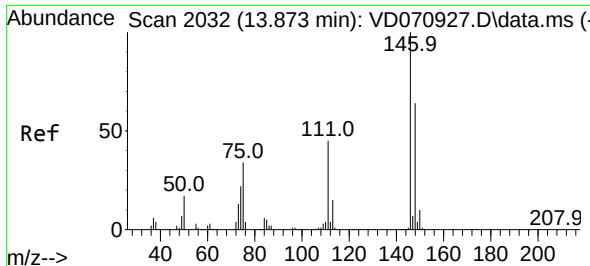
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#90
Hexachloroethane
Concen: 51.875 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

Tgt Ion:117 Resp: 219488
Ion Ratio Lower Upper
117 100
201 65.9 36.0 108.1





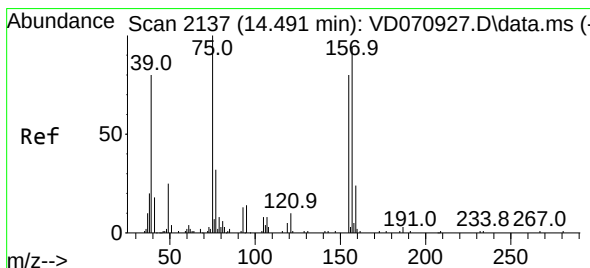
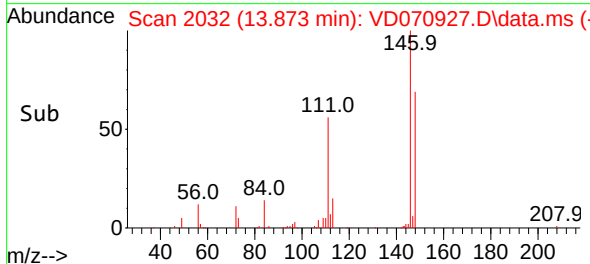
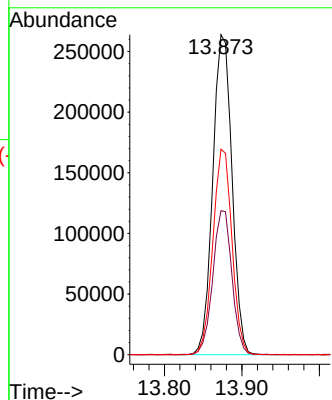
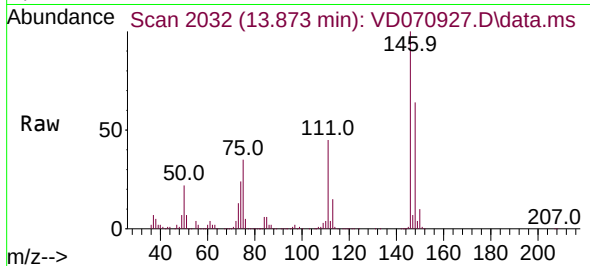
#91
1,2-Dichlorobenzene
Concen: 51.171 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 455008
Ion Ratio Lower Upper
146 100
111 44.8 20.8 62.2
148 63.6 31.7 95.1

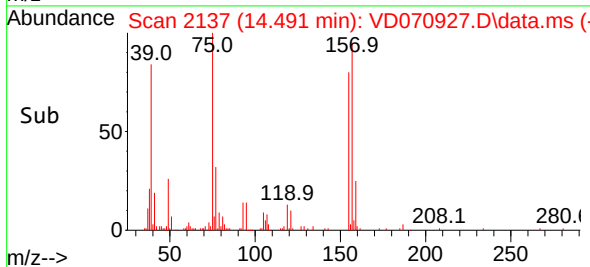
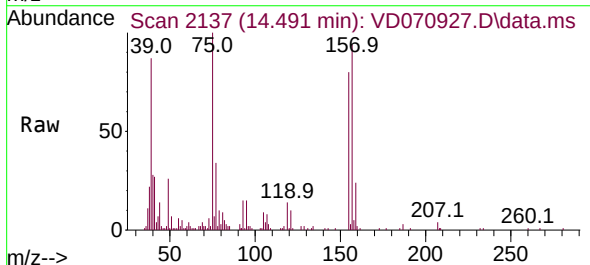
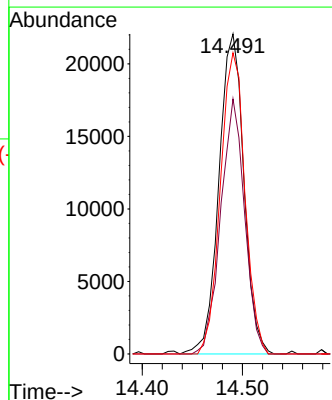
Manual Integrations
APPROVED

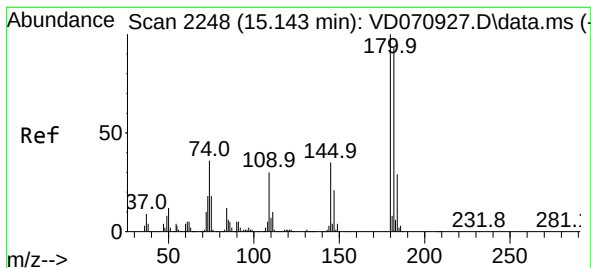
Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 59.438 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

Tgt Ion: 75 Resp: 38065
Ion Ratio Lower Upper
75 100
155 76.0 40.0 120.0
157 92.3 49.8 149.3





#93

1,2,4-Trichlorobenzene

Concen: 56.139 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. 0.000 min

Lab File: VD070927.D

Acq: 05 Nov 2021 15:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 294838

Ion Ratio Lower Upper

180 100

182 94.3 48.2 144.6

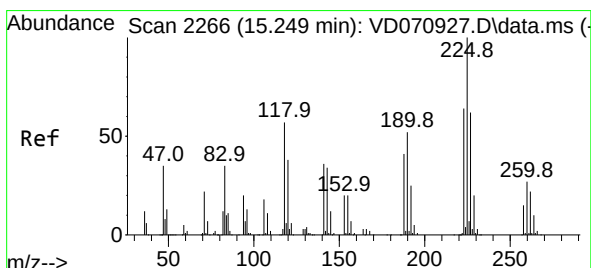
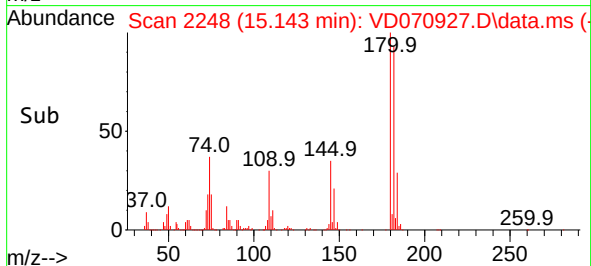
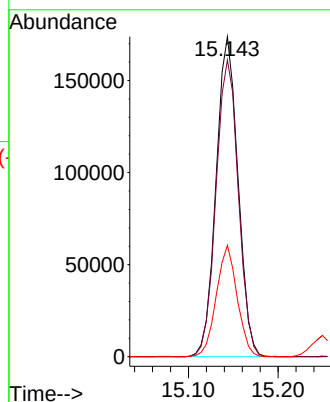
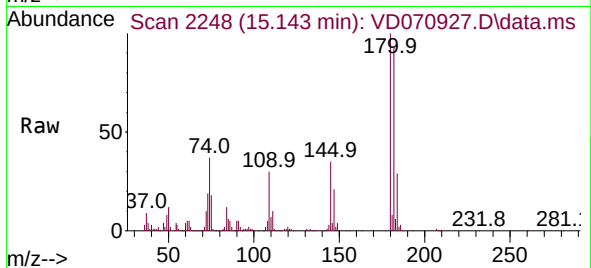
145 33.0 15.4 46.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#94

Hexachlorobutadiene

Concen: 46.790 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD070927.D

Acq: 05 Nov 2021 15:20

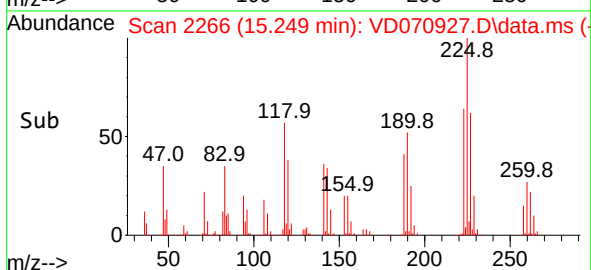
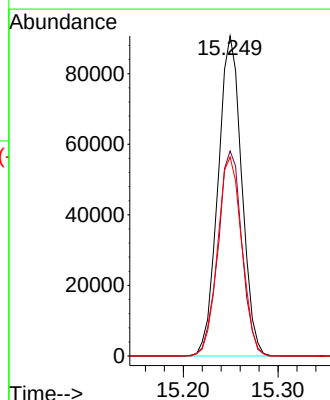
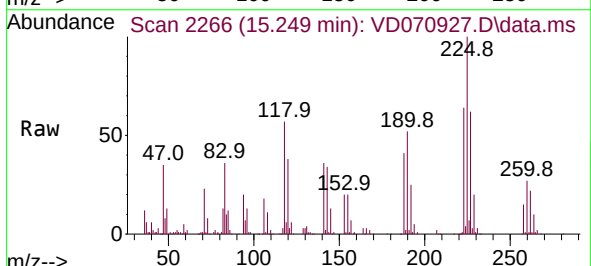
Tgt Ion:225 Resp: 157230

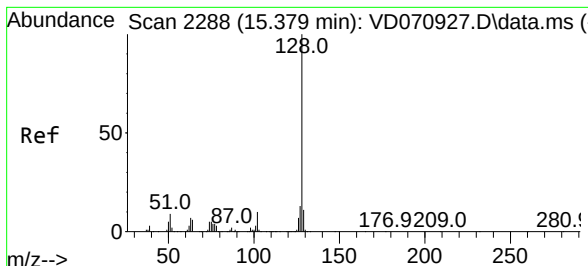
Ion Ratio Lower Upper

225 100

223 64.4 31.8 95.3

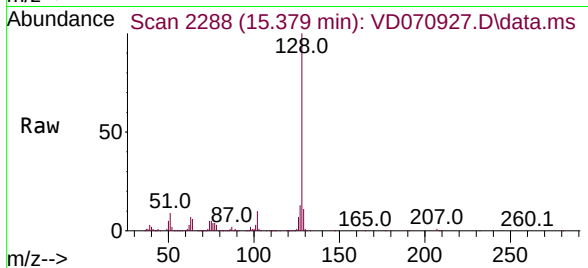
227 63.5 31.6 94.8





#95
Naphthalene
Concen: 63.167 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20

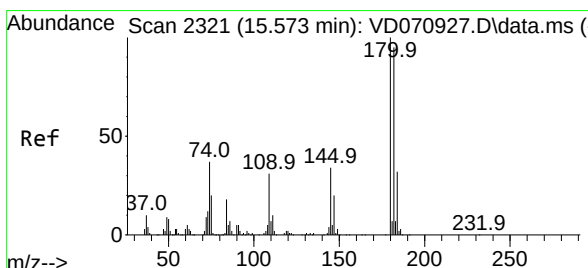
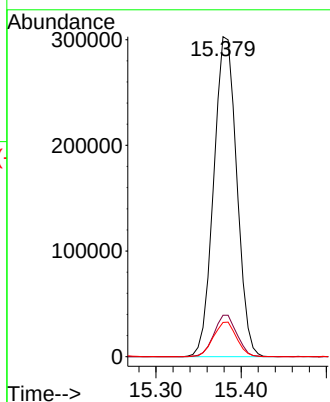
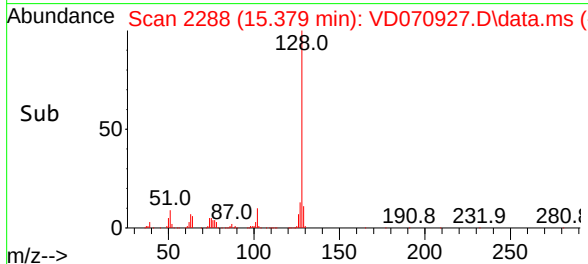
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



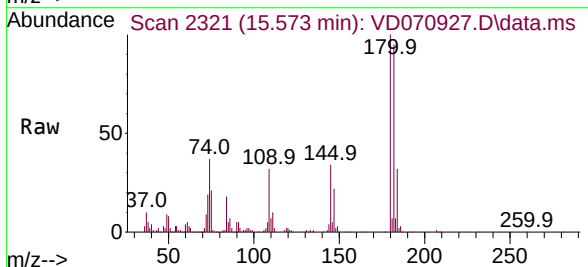
Tgt Ion:128 Resp: 56936
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.9 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 55.265 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VD070927.D
Acq: 05 Nov 2021 15:20



Tgt Ion:180 Resp: 249200
Ion Ratio Lower Upper
180 100
182 94.8 46.7 140.1
145 35.0 15.9 47.6

