

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110921\
 Data File : VD070944.D
 Acq On : 09 Nov 2021 10:04
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Nov 10 03:41:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:40:32 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	429181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	747559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	668105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	299616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	22011	4.817	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	9.640%#		
35) Dibromofluoromethane	7.909	113	20975	4.972	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	9.940%#		
50) Toluene-d8	10.332	98	83873	5.077	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	10.160%#		
62) 4-Bromofluorobenzene	12.620	95	31407	5.280	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	10.560%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	20452	5.578	ug/l	96
3) Chloromethane	2.209	50	24258	5.560	ug/l	99
4) Vinyl Chloride	2.350	62	21884	5.215	ug/l	90
5) Bromomethane	2.768	94	18199	6.363	ug/l	84
6) Chloroethane	2.927	64	14572	5.407	ug/l #	83
7) Trichlorofluoromethane	3.268	101	36465	5.399	ug/l	92
8) Diethyl Ether	3.721	74	11919	5.333	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.097	101	22873	5.494	ug/l	96
10) Methyl Iodide	4.297	142	15317	3.750	ug/l	98
11) Tert butyl alcohol	5.215	59	10722	32.106	ug/l	100
12) 1,1-Dichloroethene	4.068	96	21938	5.383	ug/l #	80
13) Acrolein	3.921	56	3788	32.985	ug/l	99
14) Allyl chloride	4.715	41	43741	5.153	ug/l #	82
15) Acrylonitrile	5.415	53	27715	25.914	ug/l	98
16) Acetone	4.156	43	35744	31.206	ug/l #	86
17) Carbon Disulfide	4.403	76	69756	5.301	ug/l	100
18) Methyl Acetate	4.715	43	20671	5.273	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	54953	5.223	ug/l	94
20) Methylene Chloride	4.962	84	41527	7.273	ug/l	93
21) trans-1,2-Dichloroethene	5.479	96	25430	5.444	ug/l	99
22) Diisopropyl ether	6.362	45	89256	5.289	ug/l	94
23) Vinyl Acetate	6.309	43	197356	24.354	ug/l #	93
24) 1,1-Dichloroethane	6.268	63	48845	5.419	ug/l	95
25) 2-Butanone	7.209	43	39307	27.097	ug/l #	84
26) 2,2-Dichloropropane	7.209	77	41423	5.445	ug/l	99
27) cis-1,2-Dichloroethene	7.215	96	29551	5.534	ug/l	96
28) Bromochloromethane	7.544	49	16404	4.291	ug/l	90
29) Tetrahydrofuran	7.567	42	24939	26.861	ug/l	90
30) Chloroform	7.703	83	45573	5.318	ug/l	97
31) Cyclohexane	7.979	56	59641	6.347	ug/l #	84
32) 1,1,1-Trichloroethane	7.897	97	39917	5.423	ug/l	95
36) 1,1-Dichloropropene	8.109	75	36415	5.456	ug/l	97
37) Ethyl Acetate	7.291	43	12624	4.146	ug/l #	95
38) Carbon Tetrachloride	8.097	117	32847	5.344	ug/l	95
39) Methylcyclohexane	9.350	83	48825	5.664	ug/l	94
40) Benzene	8.350	78	103152	5.488	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110921\
 Data File : VD070944.D
 Acq On : 09 Nov 2021 10:04
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021

Quant Time: Nov 10 03:41:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:40:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.515	41	12327	8.199	ug/l #	63
42) 1,2-Dichloroethane	8.420	62	27001	5.071	ug/l	97
43) Isopropyl Acetate	8.450	43	33150	5.144	ug/l	93
44) Trichloroethene	9.109	130	27087	5.591	ug/l	98
45) 1,2-Dichloropropane	9.385	63	27784	5.466	ug/l	98
46) Dibromomethane	9.467	93	11801	4.877	ug/l	94
47) Bromodichloromethane	9.656	83	33924	5.301	ug/l	91
48) Methyl methacrylate	9.456	41	16051	5.077	ug/l #	88
49) 1,4-Dioxane	9.456	88	2638	94.097	ug/l #	82
51) 4-Methyl-2-Pentanone	10.220	43	79512	25.448	ug/l	92
52) Toluene	10.397	92	65592	5.536	ug/l	95
53) t-1,3-Dichloropropene	10.614	75	34688	5.375	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	40951	5.381	ug/l #	83
55) 1,1,2-Trichloroethane	10.797	97	17698	5.322	ug/l	93
56) Ethyl methacrylate	10.656	69	23530	5.001	ug/l #	74
57) 1,3-Dichloropropane	10.938	76	32327	5.353	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	59163	24.186	ug/l	100
59) 2-Hexanone	10.979	43	62865	27.628	ug/l	90
60) Dibromochloromethane	11.132	129	20510	5.141	ug/l	96
61) 1,2-Dibromoethane	11.238	107	17698	5.471	ug/l	95
64) Tetrachloroethene	10.873	164	22418	5.754	ug/l	97
65) Chlorobenzene	11.661	112	64549	5.415	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	22828	5.395	ug/l	99
67) Ethyl Benzene	11.738	91	124843	5.530	ug/l	99
68) m/p-Xylenes	11.850	106	95110	11.273	ug/l	98
69) o-Xylene	12.173	106	43209	5.384	ug/l	91
70) Styrene	12.185	104	75769	5.576	ug/l	98
71) Bromoform	12.350	173	12039	5.456	ug/l #	100
73) Isopropylbenzene	12.467	105	117382	5.438	ug/l	99
74) N-amyl acetate	12.279	43	31910	5.175	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.714	83	19375	5.215	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	14689m	16.205	ug/l	
77) Bromobenzene	12.750	156	25376	5.502	ug/l	94
78) n-propylbenzene	12.808	91	148621	5.557	ug/l	100
79) 2-Chlorotoluene	12.897	91	84482	5.540	ug/l	99
80) 1,3,5-Trimethylbenzene	12.950	105	97059	5.461	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	6538	5.354	ug/l	89
82) 4-Chlorotoluene	12.991	91	85855	5.455	ug/l	97
83) tert-Butylbenzene	13.214	119	83647	5.464	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	94360	5.421	ug/l	98
85) sec-Butylbenzene	13.391	105	128498	5.583	ug/l	99
86) p-Isopropyltoluene	13.502	119	102237	5.532	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	49548	5.495	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	49945	5.532	ug/l	94
89) n-Butylbenzene	13.832	91	101215	5.450	ug/l	99
90) Hexachloroethane	14.097	117	19886	5.438	ug/l	89
91) 1,2-Dichlorobenzene	13.879	146	42285	5.412	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	3039	4.987	ug/l	96
93) 1,2,4-Trichlorobenzene	15.144	180	27887	5.578	ug/l	95
94) Hexachlorobutadiene	15.249	225	13614	5.400	ug/l	98
95) Naphthalene	15.379	128	50620	5.303	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	21976	5.228	ug/l	94

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 Acq On : 09 Nov 2021 10:04
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
ClientSampleId :
 VSTDICC005

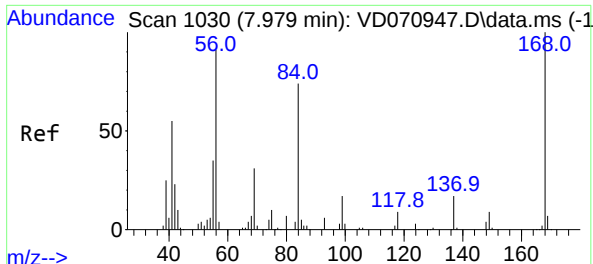
Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021

Quant Time: Nov 10 03:41:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:40:32 2021
 Response via : Initial Calibration

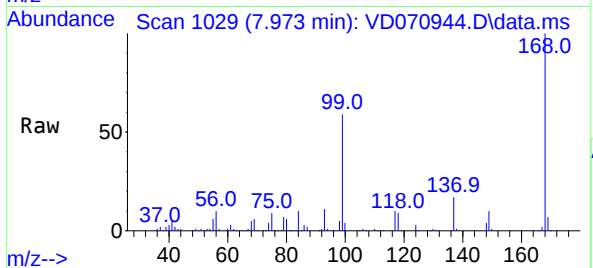
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

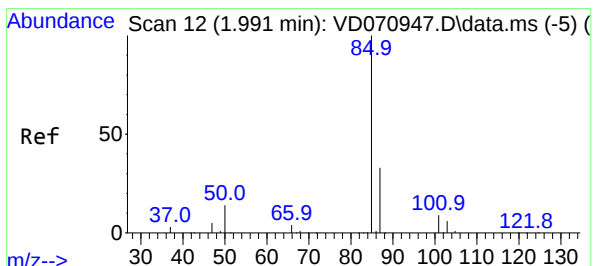
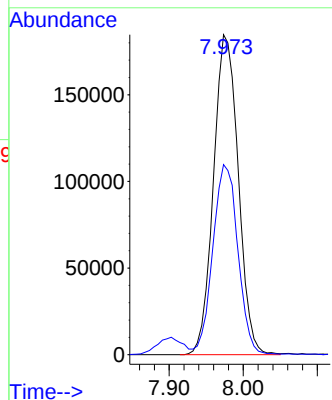
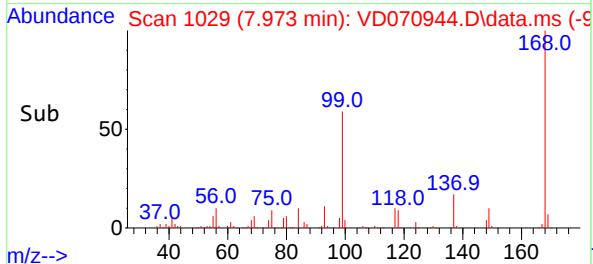
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion:168 Resp: 42918
Ion Ratio Lower Upper
168 100
99 59.2 46.6 69.8

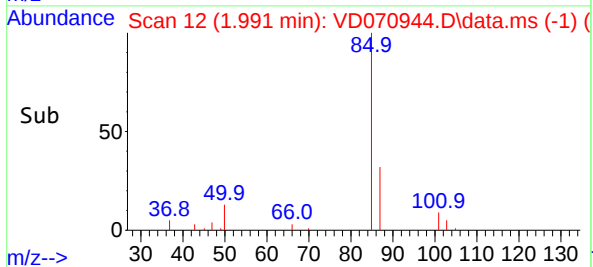
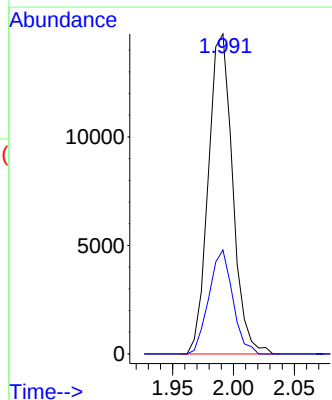
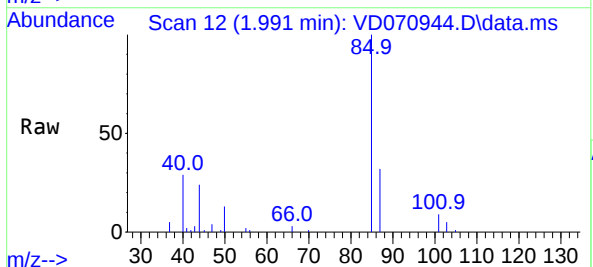
Manual Integrations
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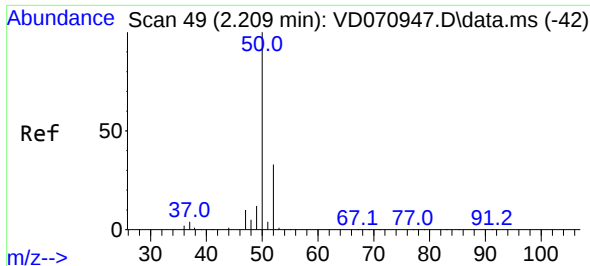
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#2
Dichlorodifluoromethane
Concen: 5.578 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

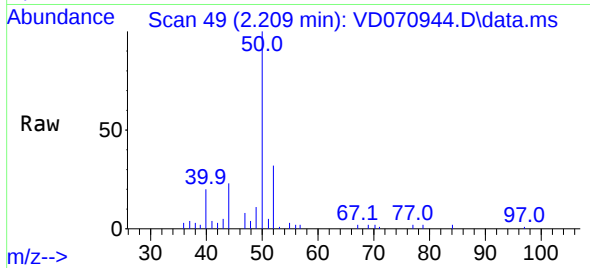
Tgt Ion: 85 Resp: 20452
Ion Ratio Lower Upper
85 100
87 32.5 15.2 45.6





#3
Chloromethane
Concen: 5.560 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

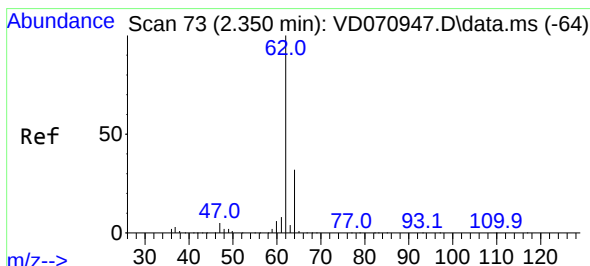
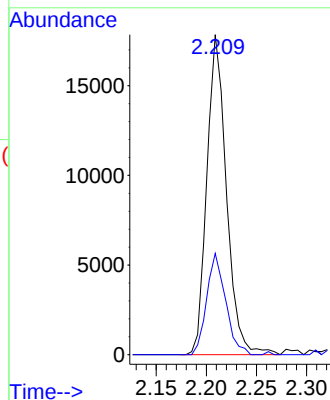
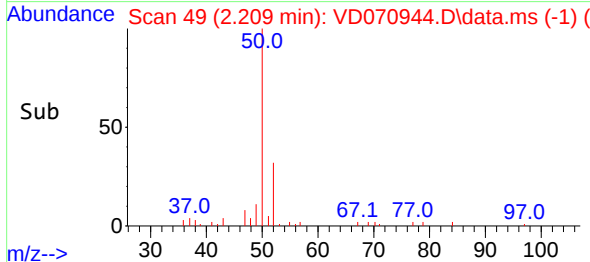
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



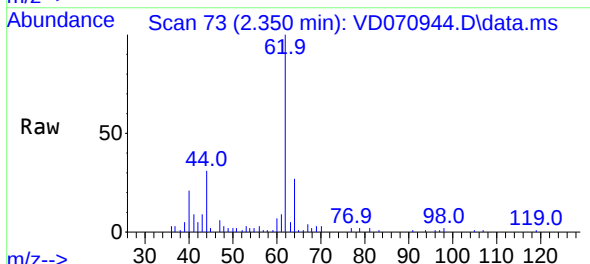
Tgt Ion: 50 Resp: 24258
Ion Ratio Lower Upper
50 100
52 31.7 25.8 38.8

Manual Integrations
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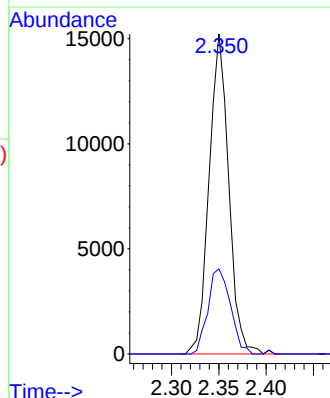
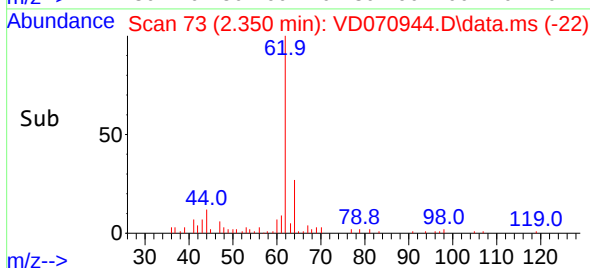
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

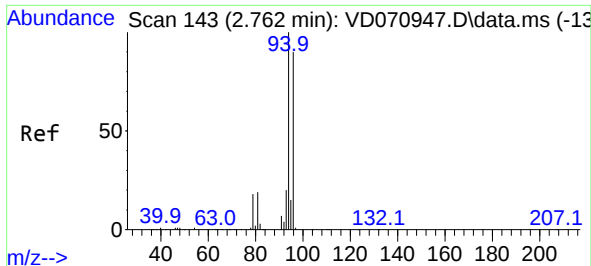


#4
Vinyl Chloride
Concen: 5.215 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04



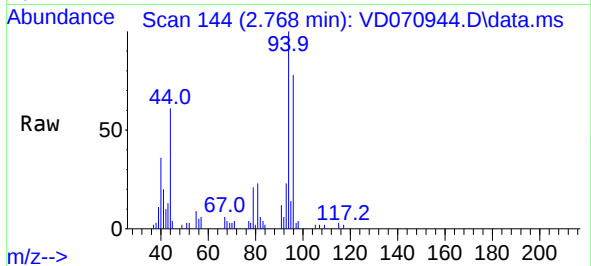
Tgt Ion: 62 Resp: 21884
Ion Ratio Lower Upper
62 100
64 26.6 26.0 39.0





#5
Bromomethane
Concen: 6.363 ug/l
RT: 2.768 min Scan# 143
Delta R.T. 0.006 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

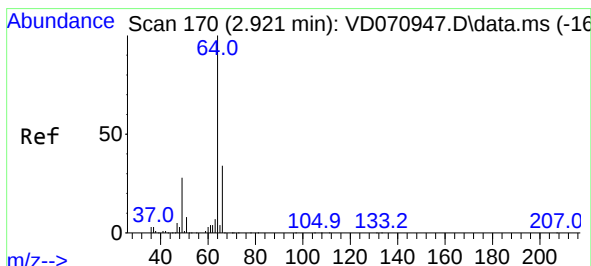
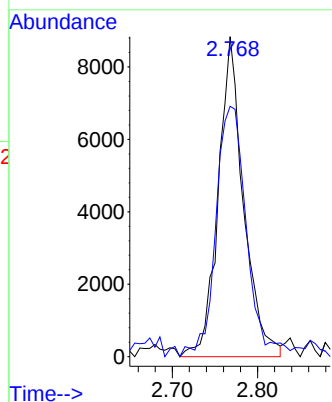
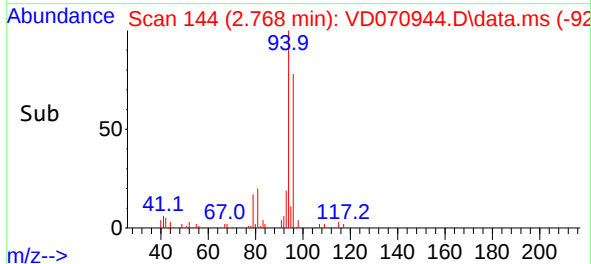
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion: 94 Resp: 18199
Ion Ratio Lower Upper
94 100
96 78.2 74.8 112.2

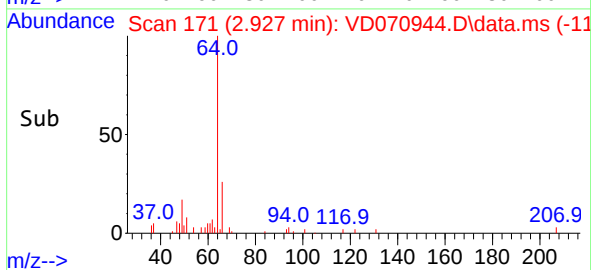
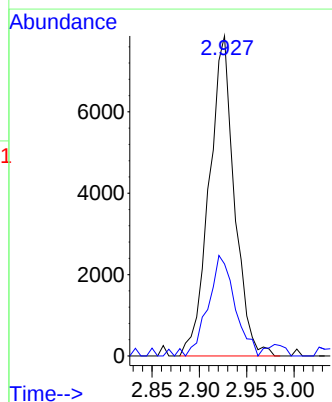
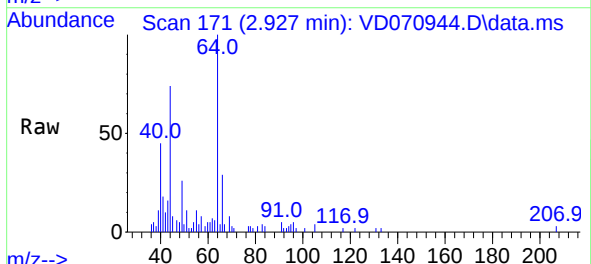
Manual Integrations
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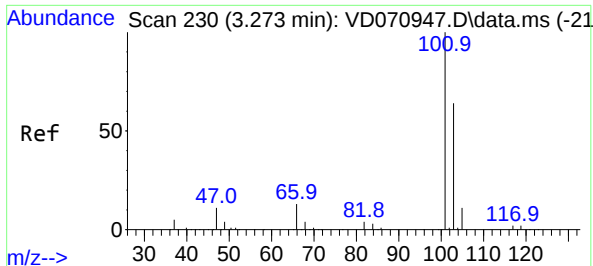
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#6
Chloroethane
Concen: 5.407 ug/l
RT: 2.927 min Scan# 171
Delta R.T. 0.006 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Tgt Ion: 64 Resp: 14572
Ion Ratio Lower Upper
64 100
66 26.4 29.0 43.4#





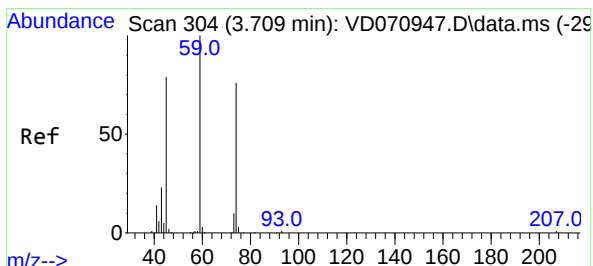
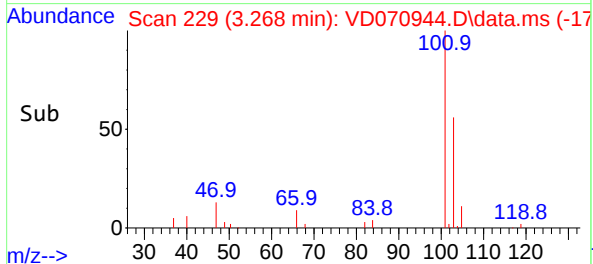
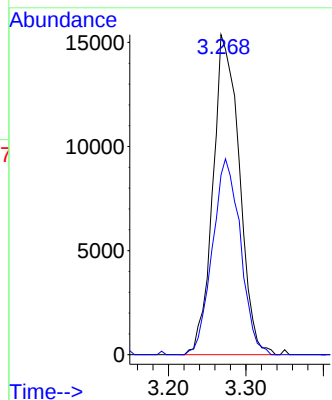
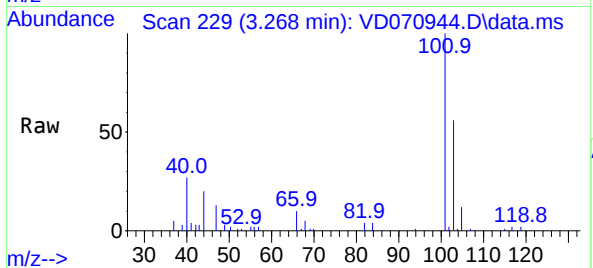
#7
Trichlorofluoromethane
Concen: 5.399 ug/l
RT: 3.268 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 3646
Ion Ratio Lower Upper
101 100
103 56.2 49.7 74.5

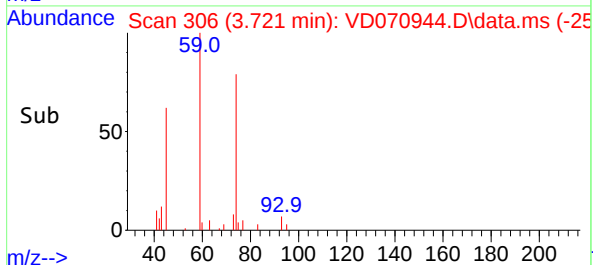
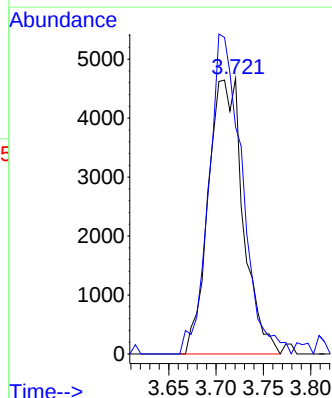
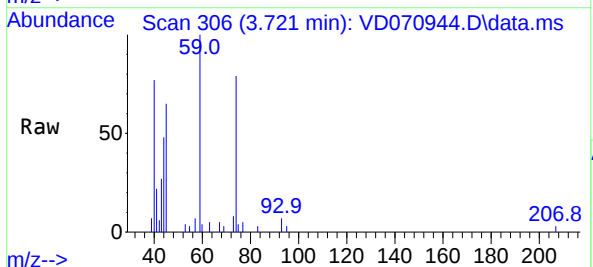
Manual Integrations
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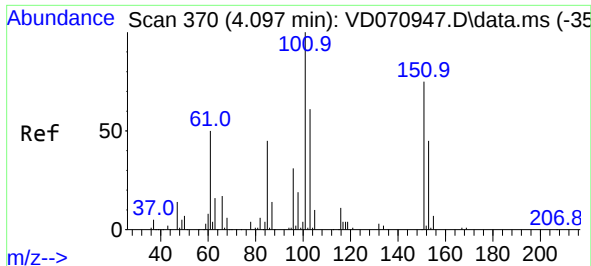
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#8
Diethyl Ether
Concen: 5.333 ug/l
RT: 3.721 min Scan# 306
Delta R.T. 0.012 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Tgt Ion: 74 Resp: 11919
Ion Ratio Lower Upper
74 100
45 110.9 49.6 149.0





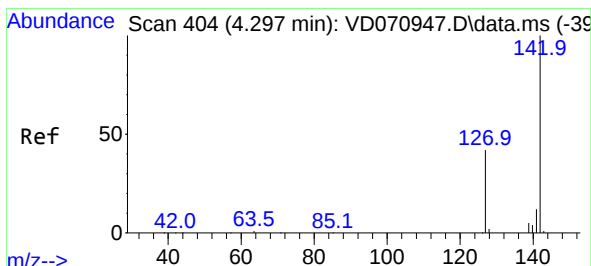
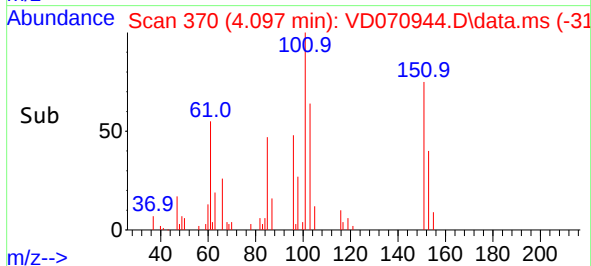
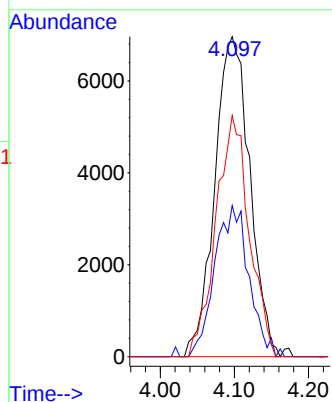
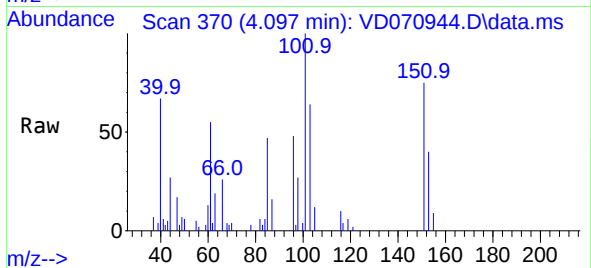
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.494 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 2287
Ion Ratio Lower Upper
101 100
85 46.0 34.8 52.2
151 71.4 60.4 90.6

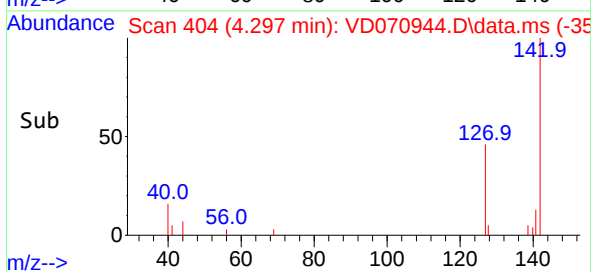
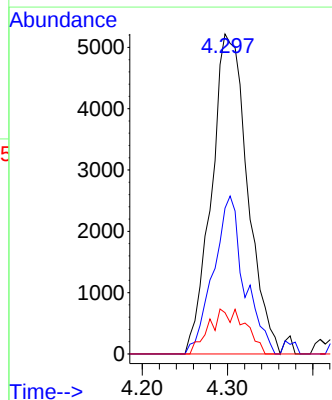
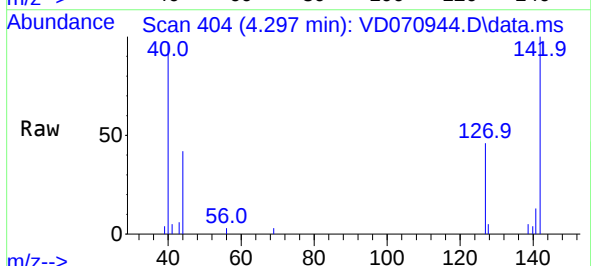
Manual Integrations
APPROVED

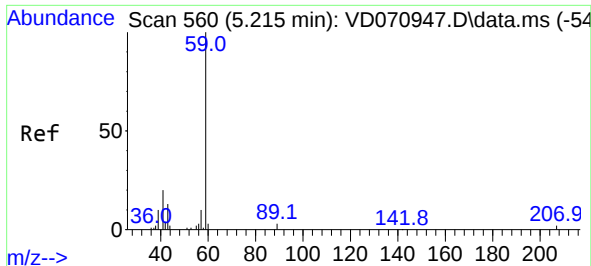
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#10
Methyl Iodide
Concen: 3.750 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

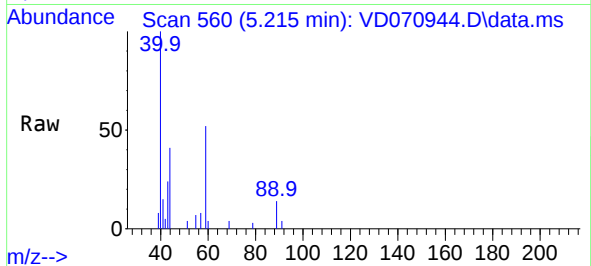
Tgt Ion:142 Resp: 15317
Ion Ratio Lower Upper
142 100
127 42.6 35.0 52.4
141 14.1 12.0 18.0





#11
Tert butyl alcohol
Concen: 32.106 ug/l
RT: 5.215 min Scan# 560
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

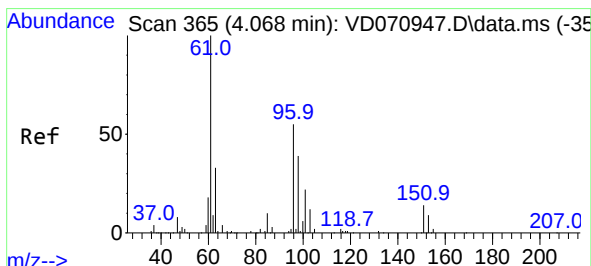
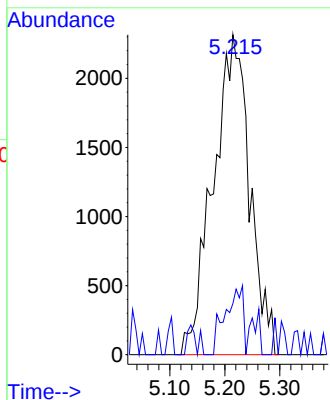
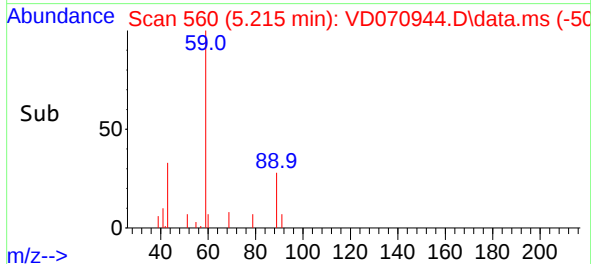
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



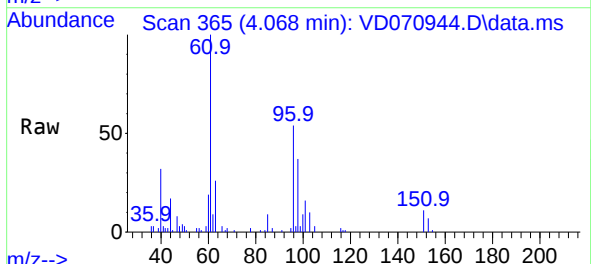
Tgt Ion: 59 Resp: 1072
Ion Ratio Lower Upper
59 100
57 11.0 9.0 13.4

Manual Integrations
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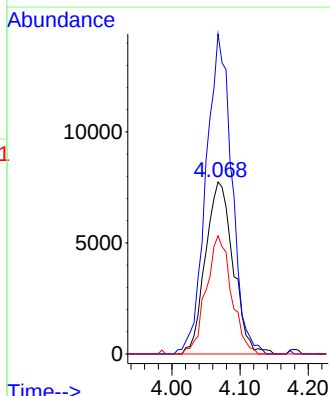
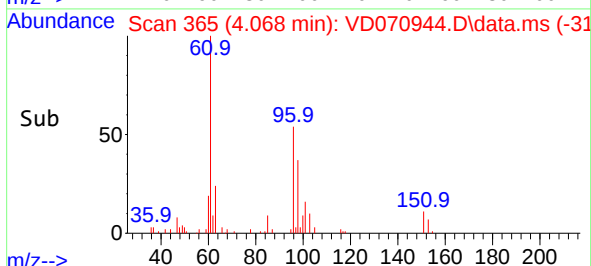
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

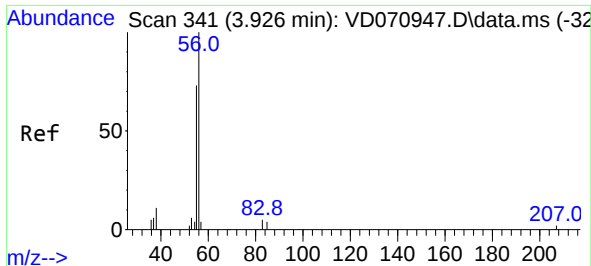


#12
1,1-Dichloroethene
Concen: 5.383 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04



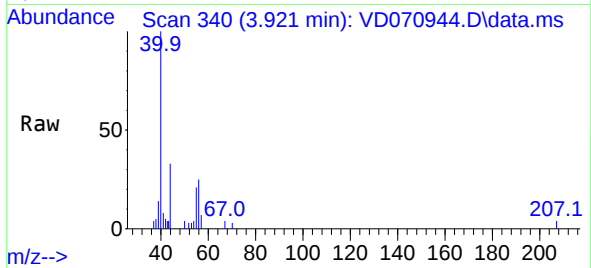
Tgt Ion: 96 Resp: 21938
Ion Ratio Lower Upper
96 100
61 186.1 120.3 180.5#
98 68.7 54.4 81.6





#13
Acrolein
Concen: 32.985 ug/l
RT: 3.921 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

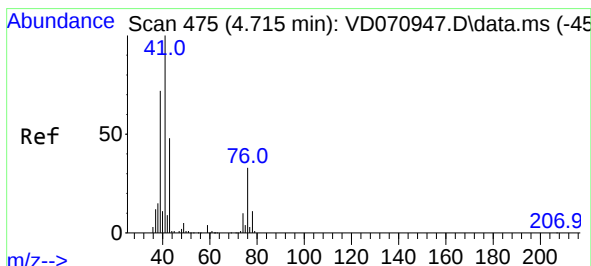
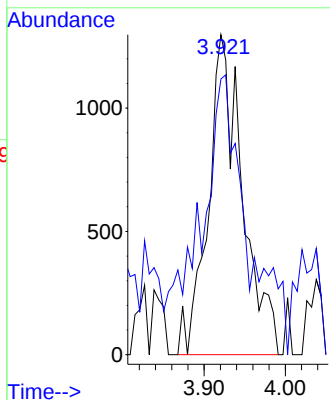
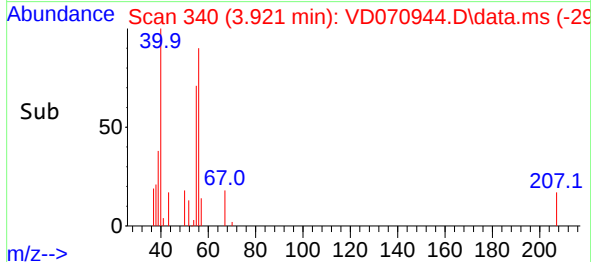
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 3788
Ion Ratio Lower Upper
56 100
55 72.0 58.6 87.8

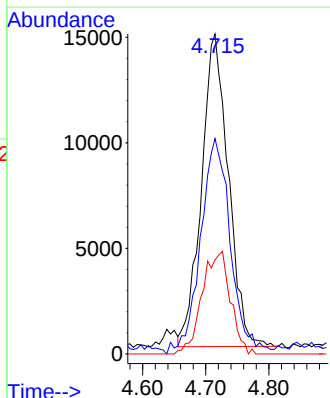
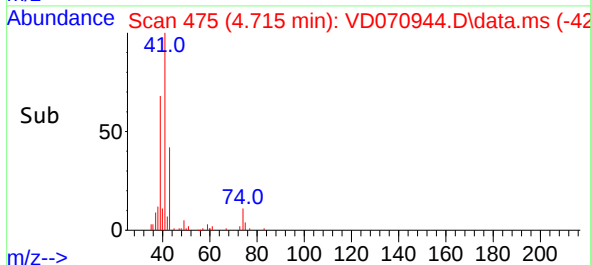
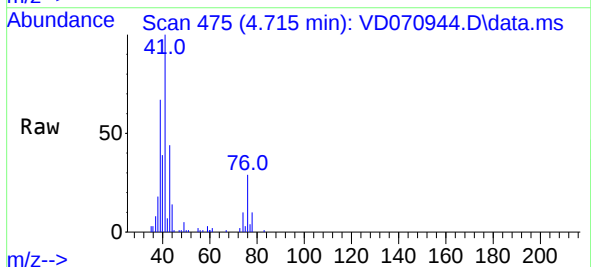
Manual Integrations
APPROVED

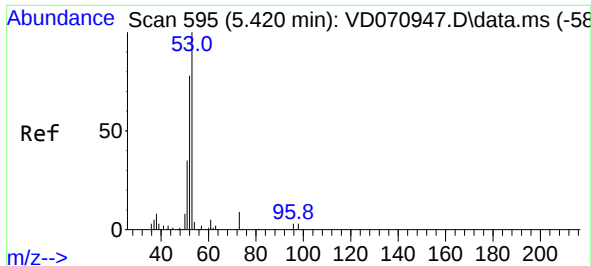
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#14
Allyl chloride
Concen: 5.153 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

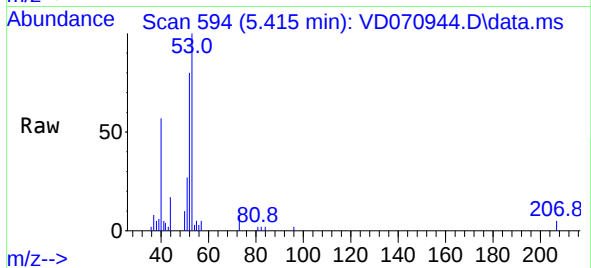
Tgt Ion: 41 Resp: 43741
Ion Ratio Lower Upper
41 100
39 76.8 45.6 68.4#
76 34.5 30.2 45.4





#15
Acrylonitrile
Concen: 25.914 ug/l
RT: 5.415 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

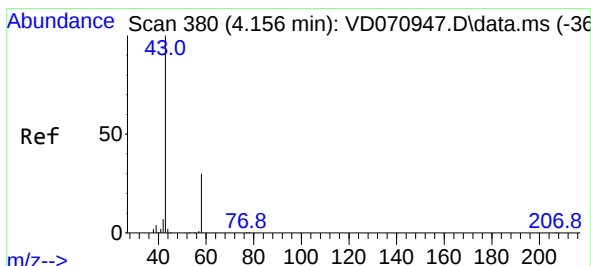
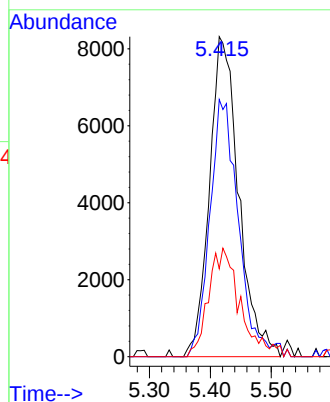
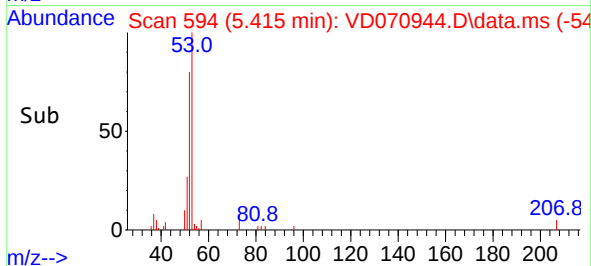
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 27715
Ion Ratio Lower Upper
53 100
52 77.5 63.8 95.8
51 35.8 28.5 42.7

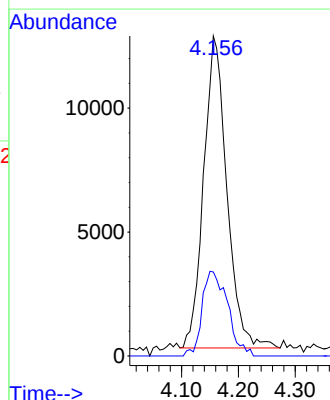
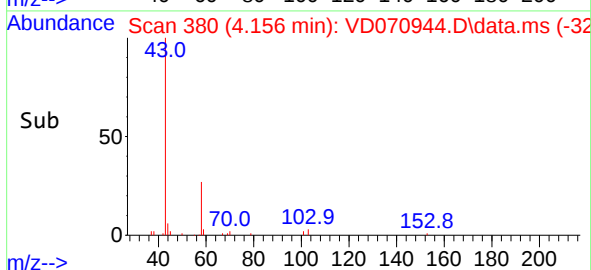
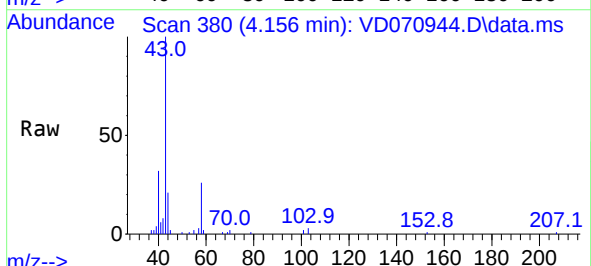
Manual Integrations
APPROVED

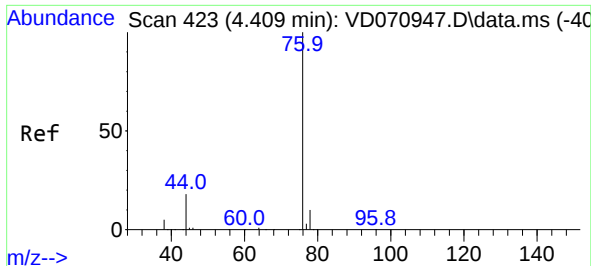
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#16
Acetone
Concen: 31.206 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Tgt Ion: 43 Resp: 35744
Ion Ratio Lower Upper
43 100
58 26.9 27.8 41.8#





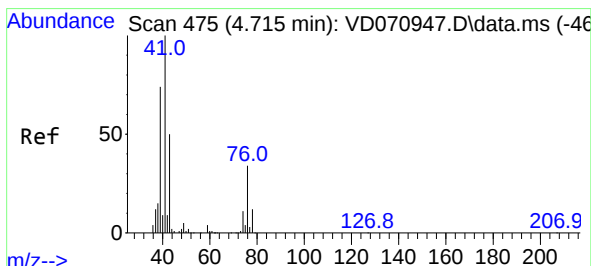
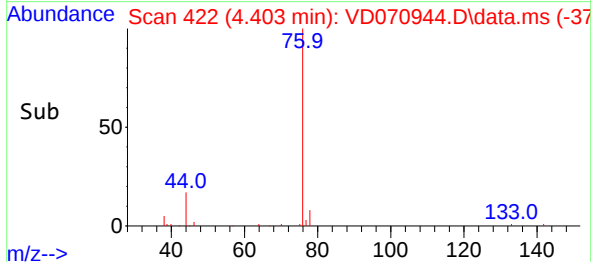
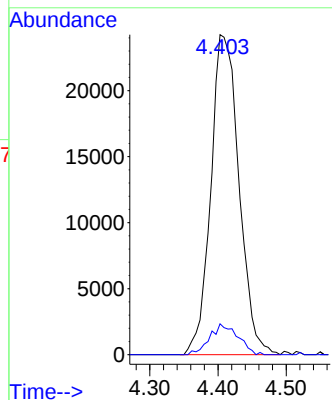
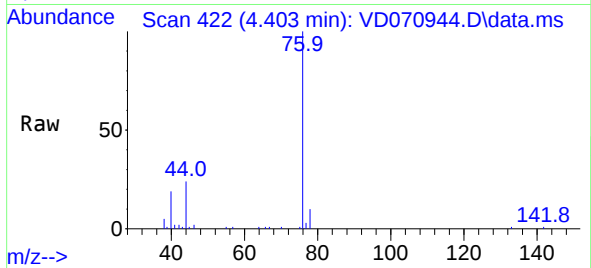
#17
Carbon Disulfide
Concen: 5.301 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 6975
Ion Ratio Lower Upper
76 100
78 9.7 7.8 11.8

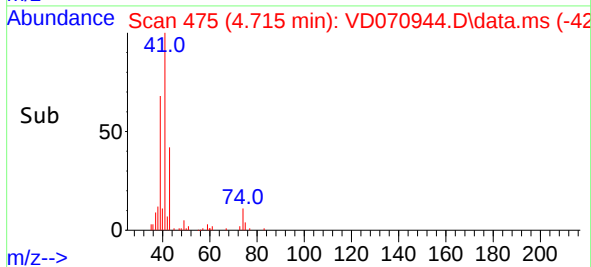
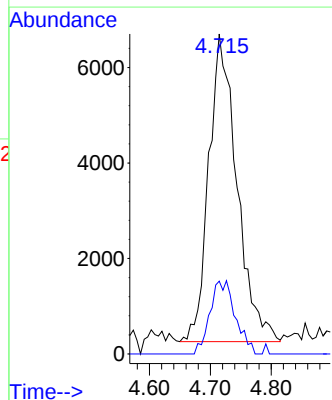
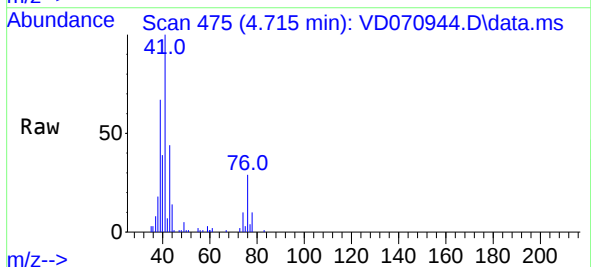
Manual Integrations
APPROVED

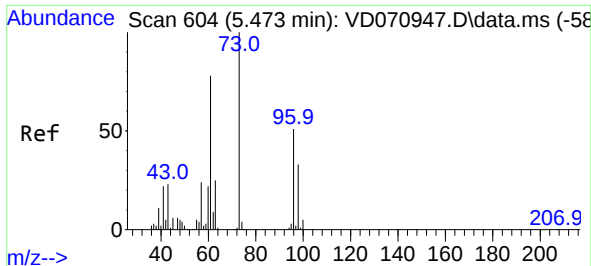
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#18
Methyl Acetate
Concen: 5.273 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

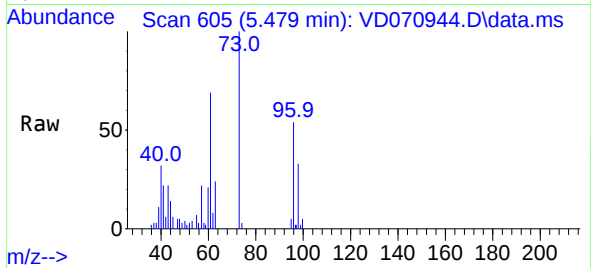
Tgt Ion: 43 Resp: 20671
Ion Ratio Lower Upper
43 100
74 21.4 19.3 28.9





#19
Methyl tert-butyl Ether
Concen: 5.223 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

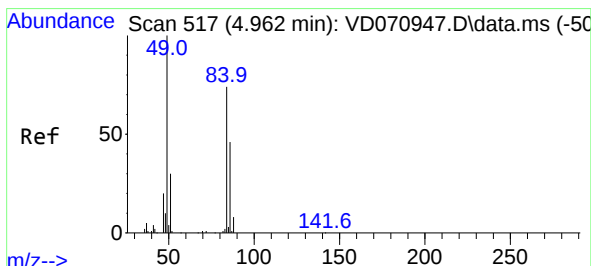
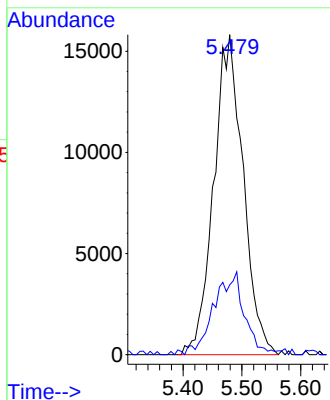
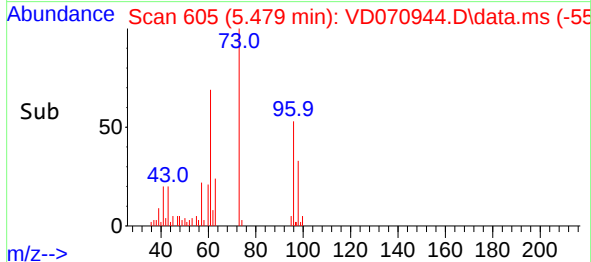
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 73 Resp: 5495
Ion Ratio Lower Upper
73 100
57 20.6 18.9 28.3

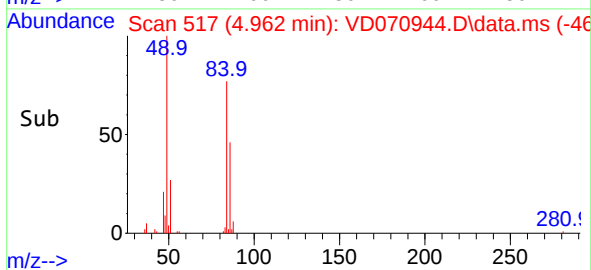
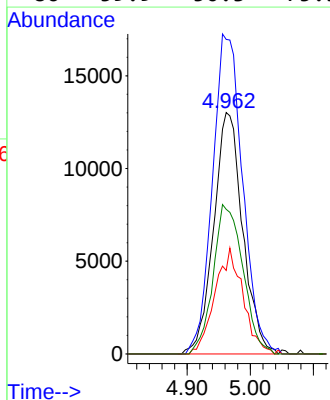
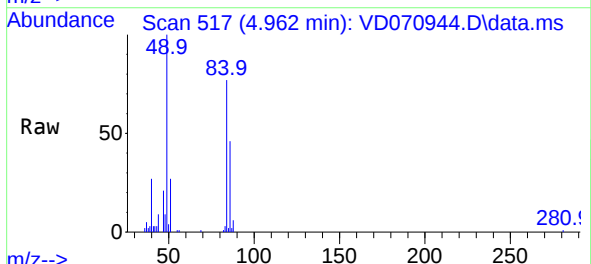
Manual Integrations
APPROVED

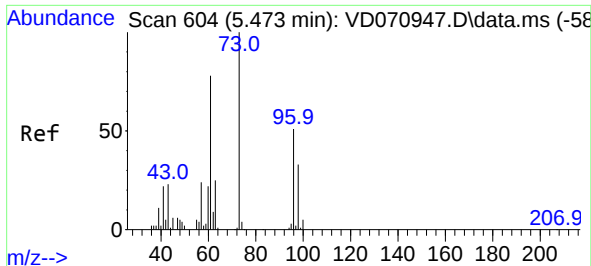
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#20
Methylene Chloride
Concen: 7.273 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Tgt Ion: 84 Resp: 41527
Ion Ratio Lower Upper
84 100
49 130.2 95.8 143.6
51 34.6 30.9 46.3
86 59.9 50.3 75.5





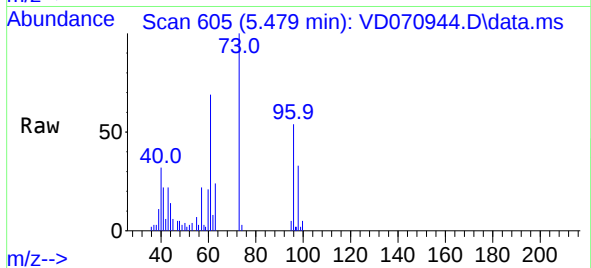
#21
trans-1,2-Dichloroethene
Concen: 5.444 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

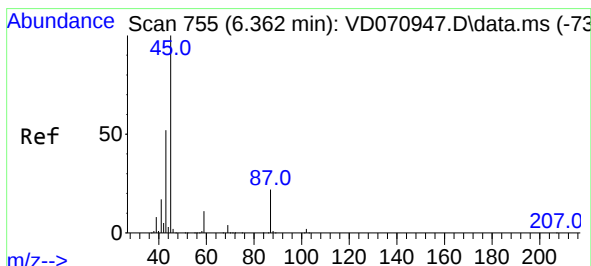
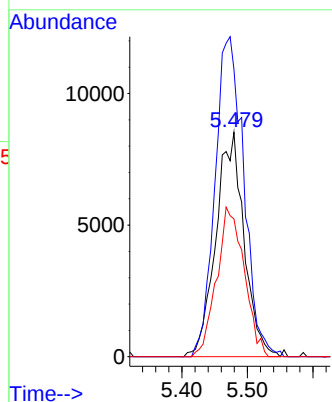
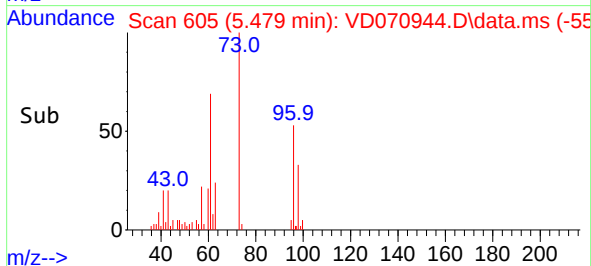


Tgt Ion: 96 Resp: 25430
Ion Ratio Lower Upper
96 100
61 128.0 102.1 153.1
98 61.4 50.1 75.1

Manual Integrations

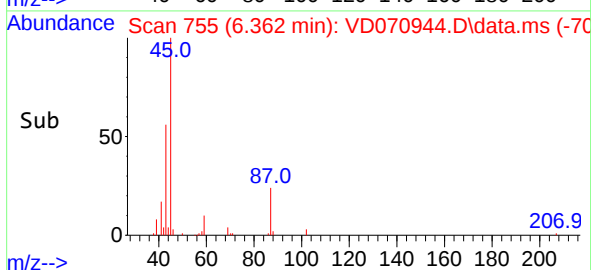
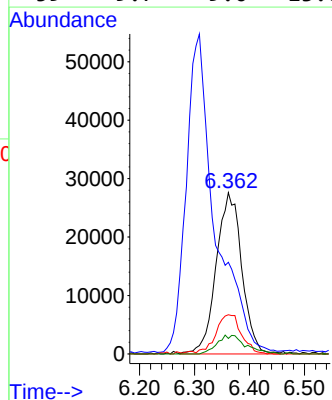
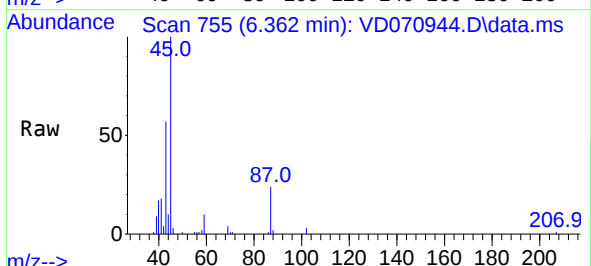
APPROVED

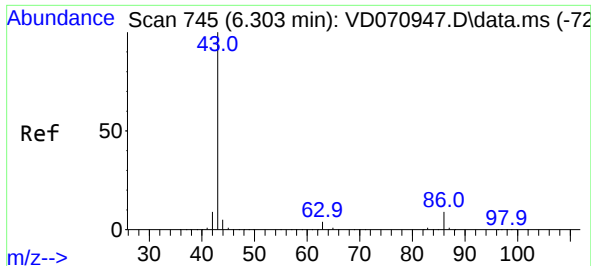
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#22
Diisopropyl ether
Concen: 5.289 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

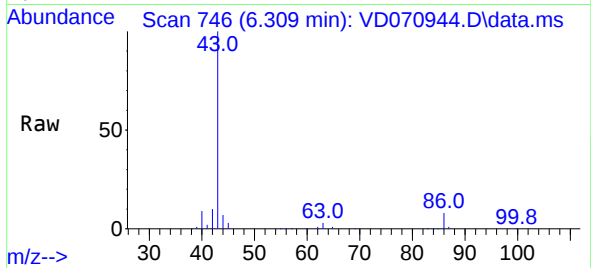
Tgt Ion: 45 Resp: 89256
Ion Ratio Lower Upper
45 100
43 55.0 39.6 59.4
87 24.3 21.2 31.8
59 9.7 9.0 13.6





#23
 Vinyl Acetate
 Concen: 24.354 ug/l
 RT: 6.309 min Scan# 745
 Delta R.T. 0.006 min
 Lab File: VD070944.D
 Acq: 09 Nov 2021 10:04

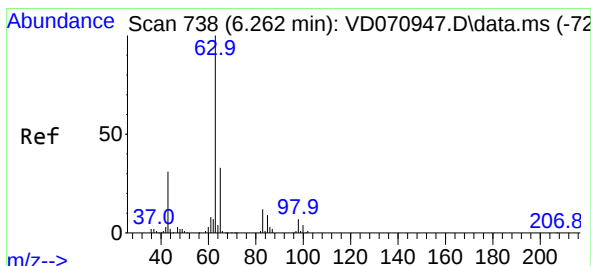
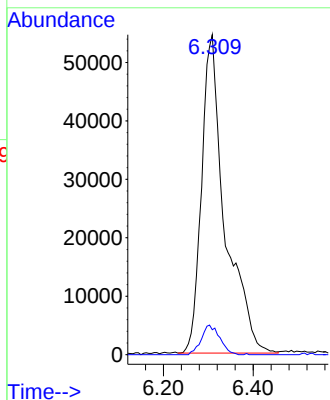
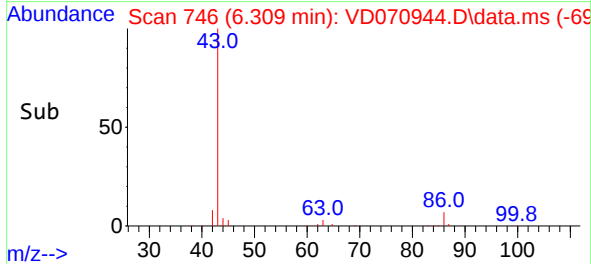
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005



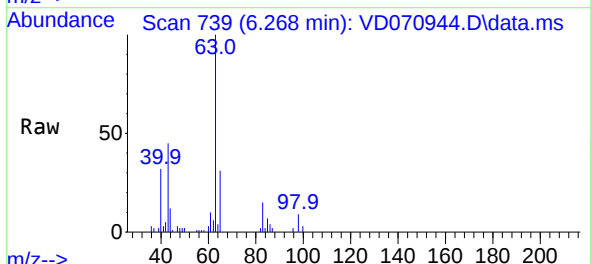
Tgt Ion: 43 Resp: 197350
 Ion Ratio Lower Upper
 43 100
 86 7.9 8.2 12.4

Manual Integrations
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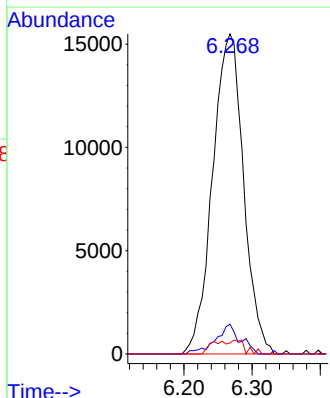
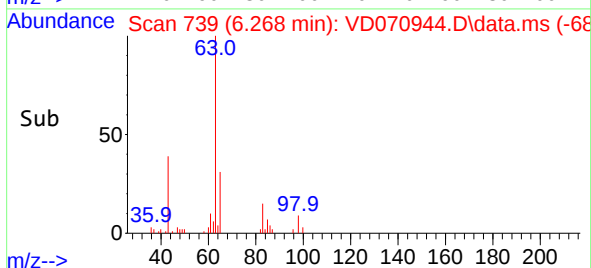
Reviewed By :Vimala Arumugam 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021

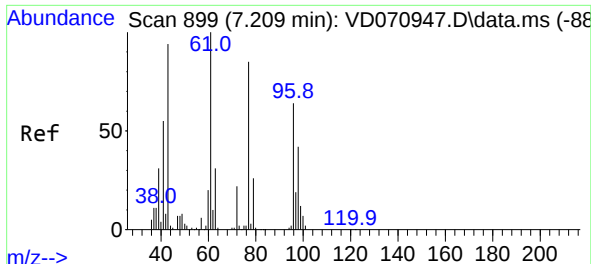


#24
 1,1-Dichloroethane
 Concen: 5.419 ug/l
 RT: 6.268 min Scan# 739
 Delta R.T. 0.006 min
 Lab File: VD070944.D
 Acq: 09 Nov 2021 10:04



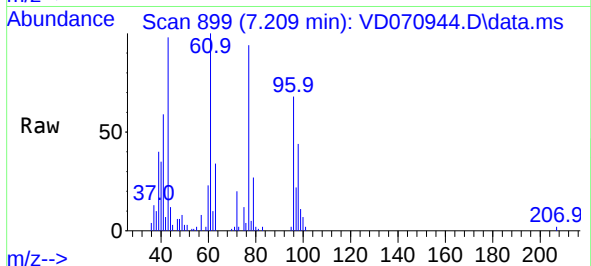
Tgt Ion: 63 Resp: 48845
 Ion Ratio Lower Upper
 63 100
 98 9.3 3.5 10.6
 100 3.5 2.1 6.3





#25
2-Butanone
Concen: 27.097 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

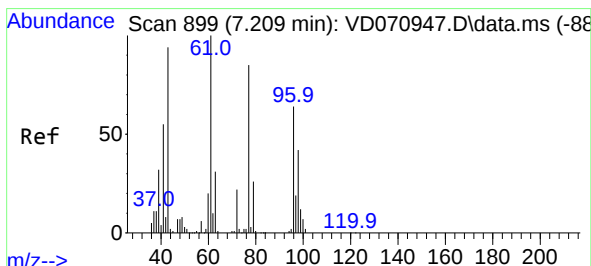
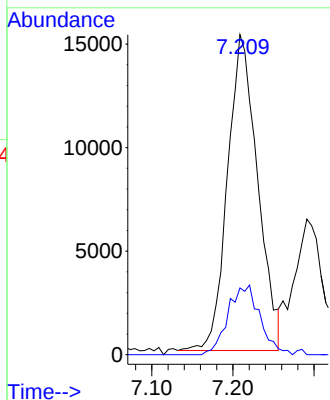
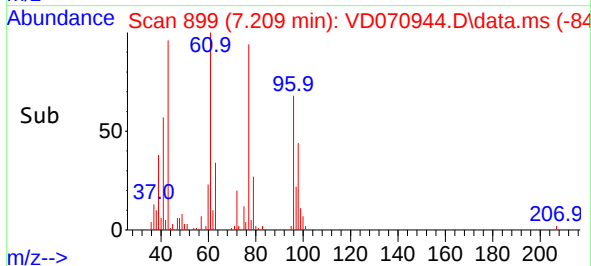
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



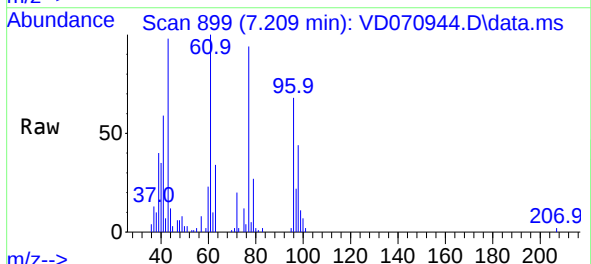
Tgt Ion: 43 Resp: 3930
Ion Ratio Lower Upper
43 100
72 21.1 23.8 35.6

Manual Integrations
APPROVED

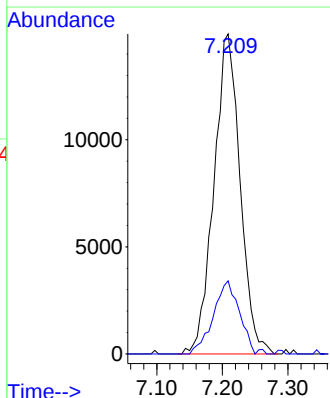
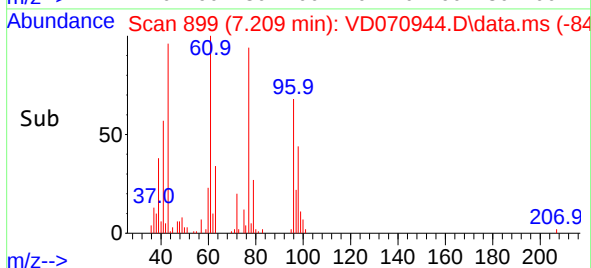
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

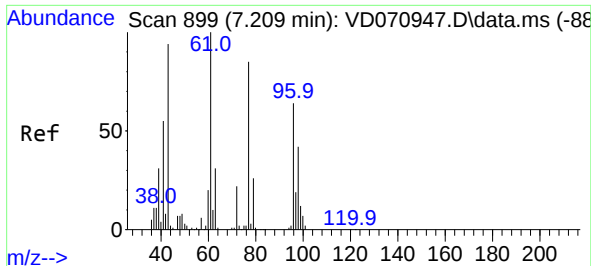


#26
2,2-Dichloropropane
Concen: 5.445 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04



Tgt Ion: 77 Resp: 41423
Ion Ratio Lower Upper
77 100
97 23.0 11.9 35.5





#27
cis-1,2-Dichloroethene
Concen: 5.534 ug/l
RT: 7.215 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Instrument :

MSVOA_D

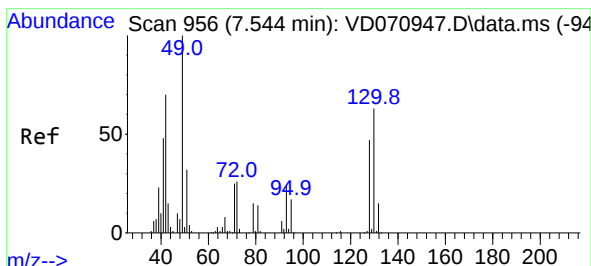
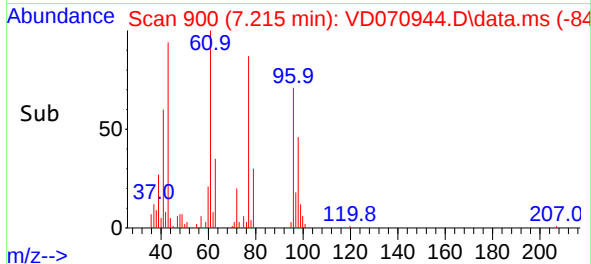
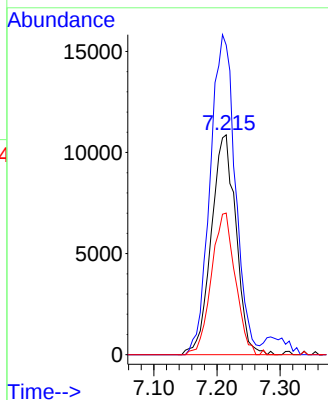
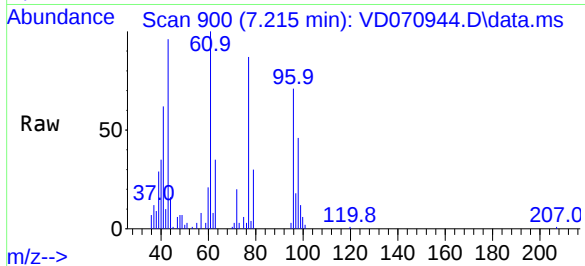
ClientSampleId :

VSTDICC005

Tgt Ion: 96 Resp: 2955
Ion Ratio Lower Upper
96 100
61 149.1 0.0 288.6
98 62.2 0.0 129.2

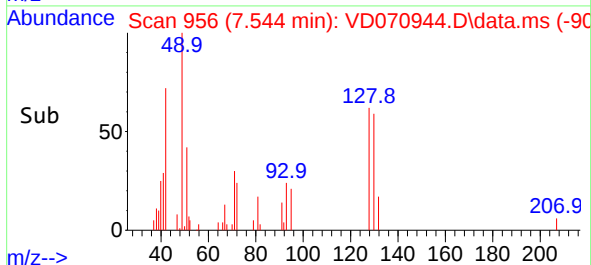
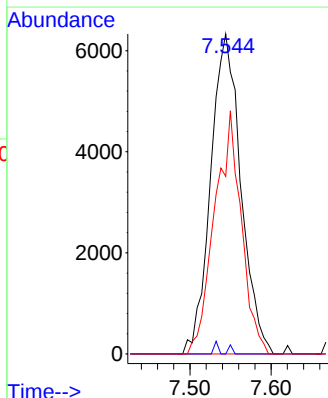
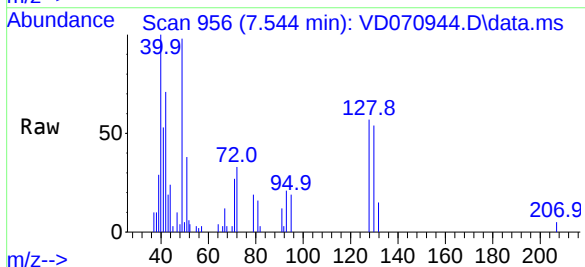
Manual Integrations
APPROVED

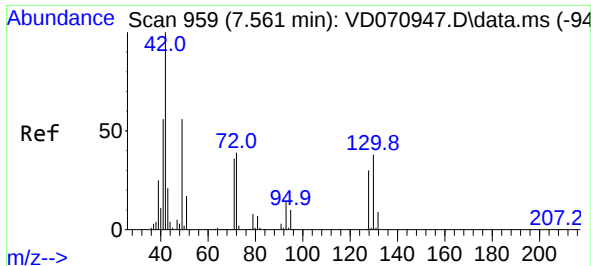
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#28
Bromochloromethane
Concen: 4.291 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Tgt Ion: 49 Resp: 16404
Ion Ratio Lower Upper
49 100
129 0.4 0.0 4.0
130 66.9 60.2 90.2





#29

Tetrahydrofuran

Concen: 26.861 ug/l

RT: 7.567 min Scan# 90

Delta R.T. 0.006 min

Lab File: VD070944.D

Acq: 09 Nov 2021 10:04

Instrument :

MSVOA_D

ClientSampleId :

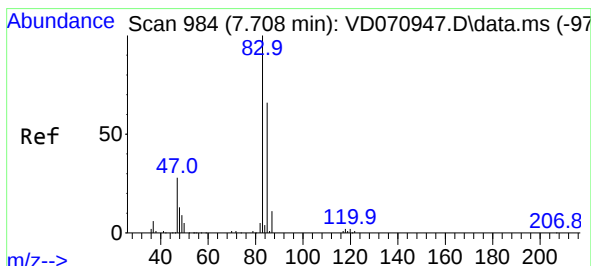
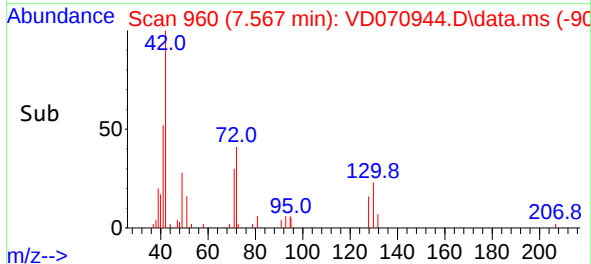
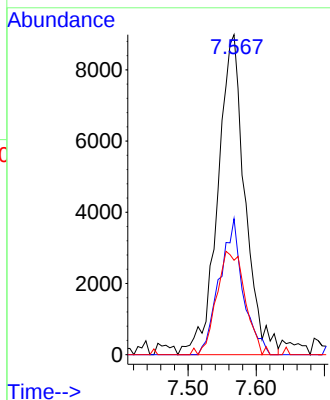
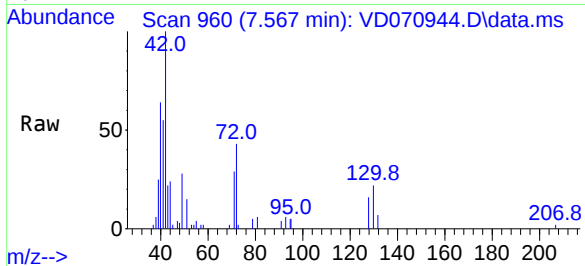
VSTDICC005

Tgt Ion:	42	Resp:	24939
Ion	Ratio	Lower	Upper
42	100		
72	36.9	33.7	50.5
71	33.9	32.7	49.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#30

Chloroform

Concen: 5.318 ug/l

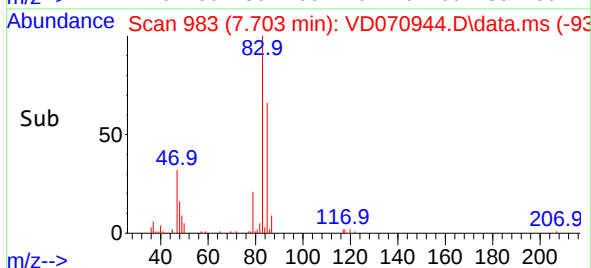
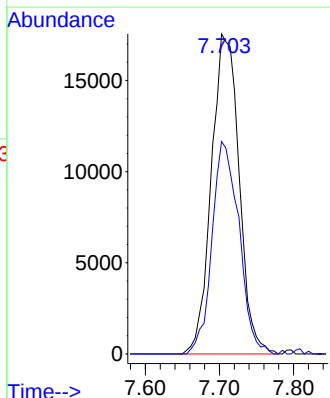
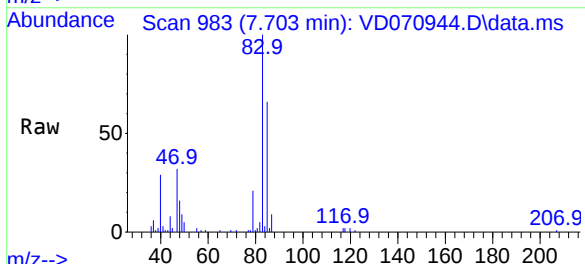
RT: 7.703 min Scan# 983

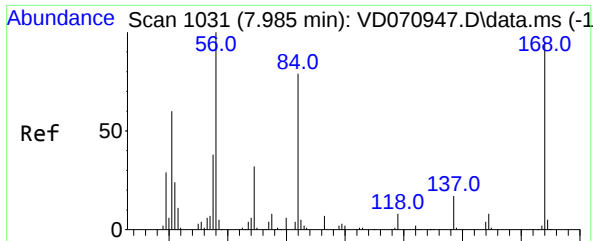
Delta R.T. -0.006 min

Lab File: VD070944.D

Acq: 09 Nov 2021 10:04

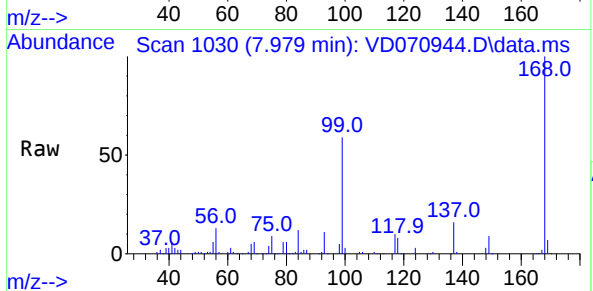
Tgt Ion:	83	Resp:	45573
Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.0	76.6





#31
Cyclohexane
Concen: 6.347 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

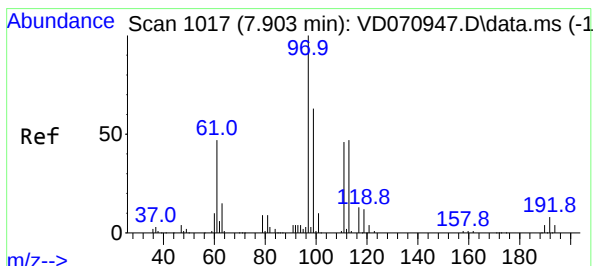
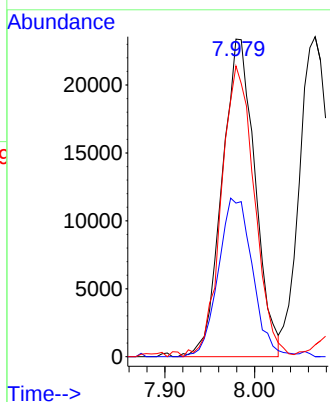
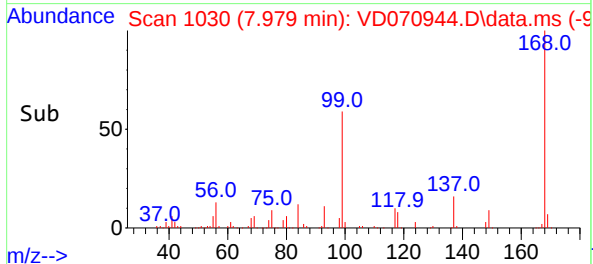
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



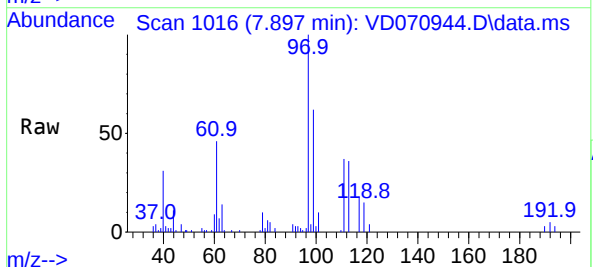
Tgt Ion: 56 Resp: 5964
Ion Ratio Lower Upper
56 100
69 48.3 25.9 38.9
84 90.1 64.3 96.5

Manual Integrations
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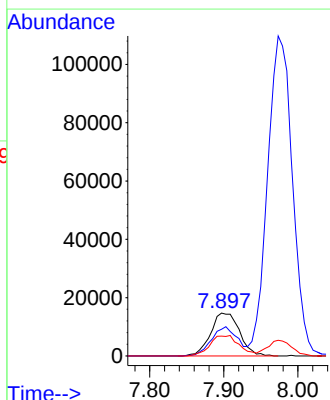
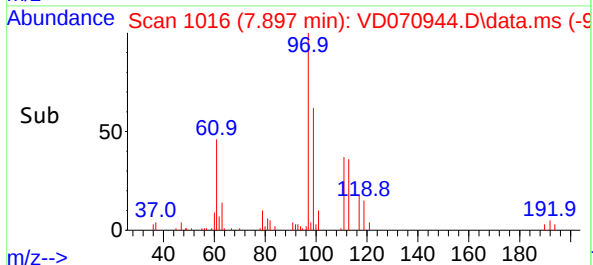
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

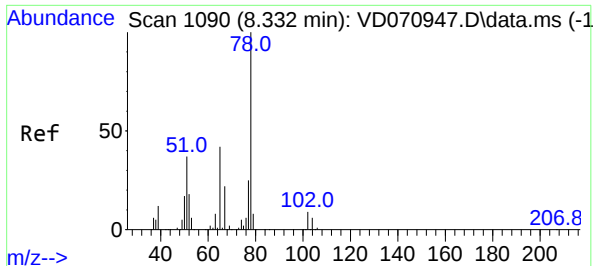


#32
1,1,1-Trichloroethane
Concen: 5.423 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04



Tgt Ion: 97 Resp: 39917
Ion Ratio Lower Upper
97 100
99 62.5 50.3 75.5
61 48.3 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 4.817 ug/l

RT: 8.326 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD070944.D

Acq: 09 Nov 2021 10:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 2201

Ion Ratio Lower Upper

65 100

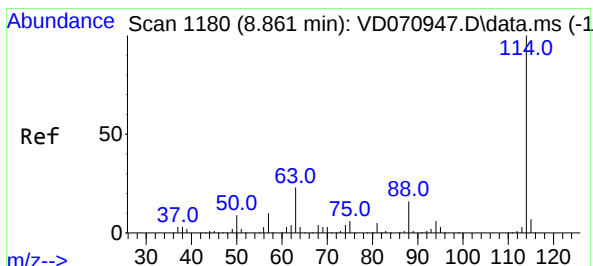
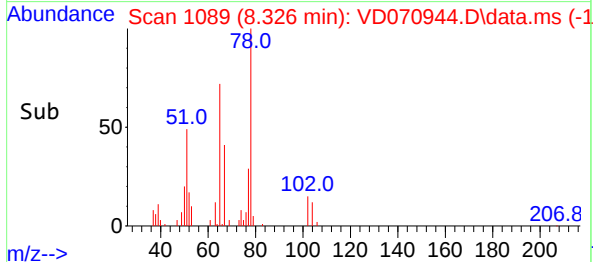
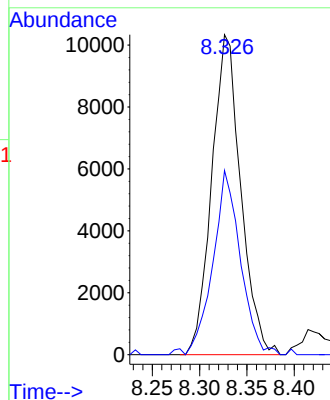
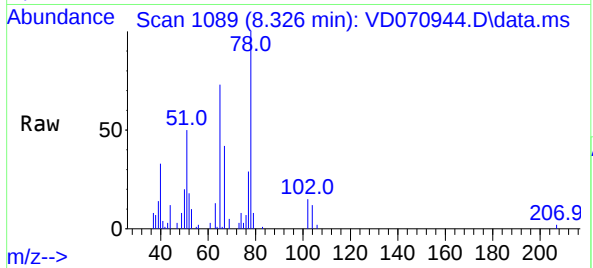
67 54.8 0.0 112.2

Manual Integrations

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Reviewed By :Vimala Arumugam 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070944.D

Acq: 09 Nov 2021 10:04

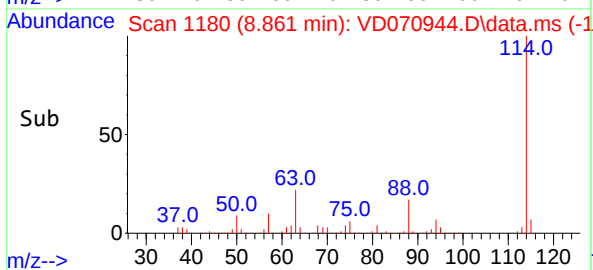
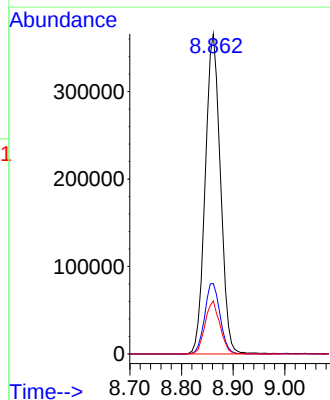
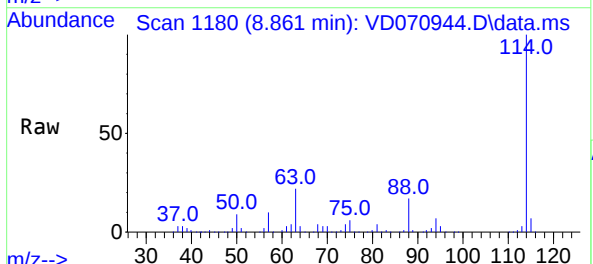
Tgt Ion:114 Resp: 747559

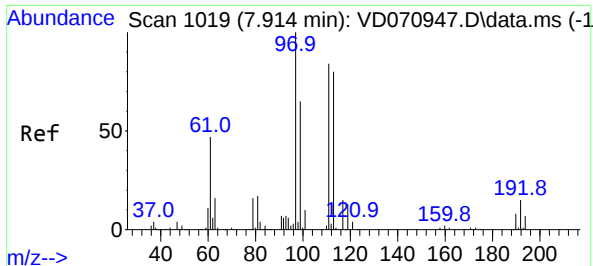
Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.8

88 16.6 0.0 32.8





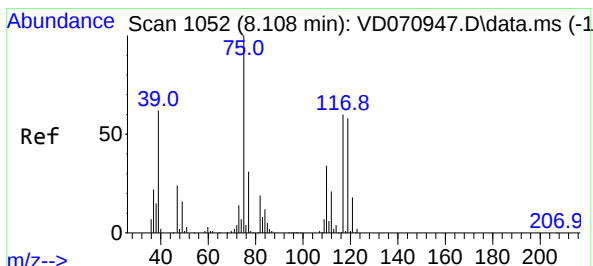
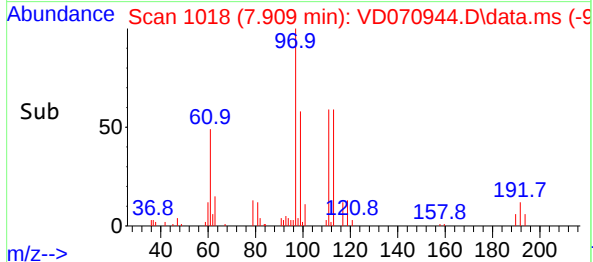
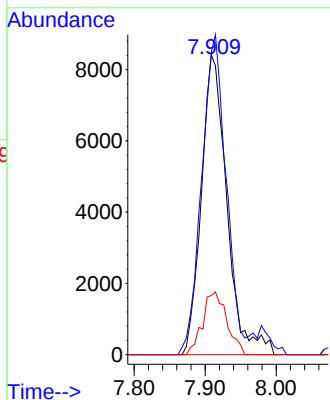
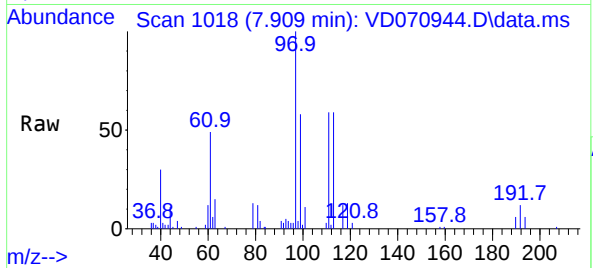
#35
Dibromofluoromethane
Concen: 4.972 ug/l
RT: 7.909 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 113 Resp: 20975
Ion Ratio Lower Upper
113 100
111 103.1 82.0 123.0
192 19.9 15.2 22.8

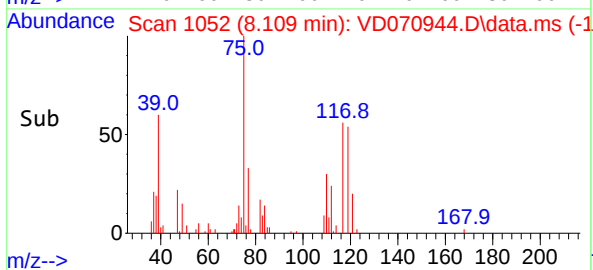
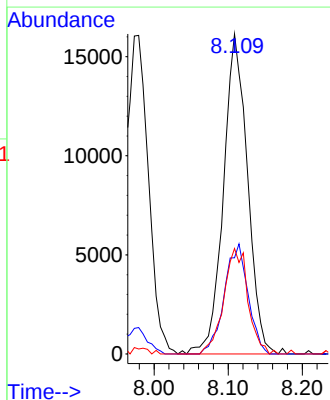
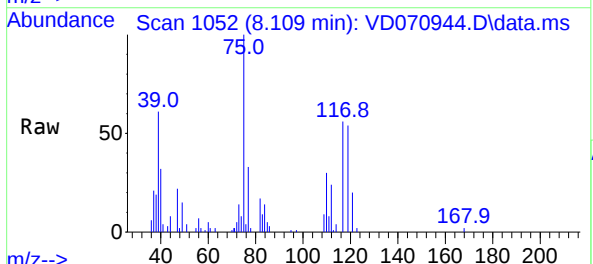
Manual Integrations
APPROVED

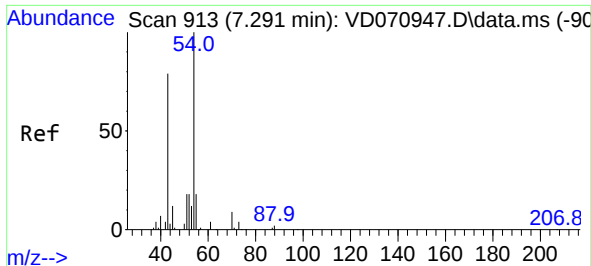
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#36
1,1-Dichloropropene
Concen: 5.456 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Tgt Ion: 75 Resp: 36415
Ion Ratio Lower Upper
75 100
110 34.0 17.8 53.4
77 33.3 24.8 37.2





#37

Ethyl Acetate

Concen: 4.146 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.000 min

Lab File: VD070944.D

Acq: 09 Nov 2021 10:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

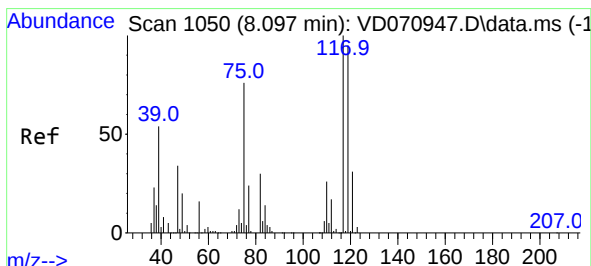
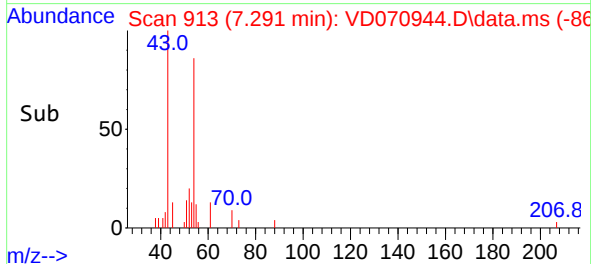
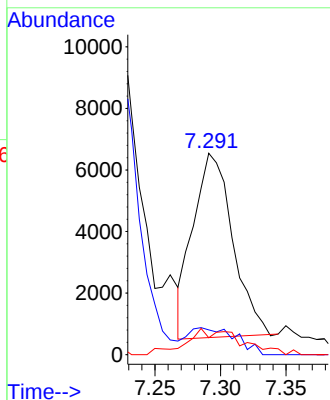
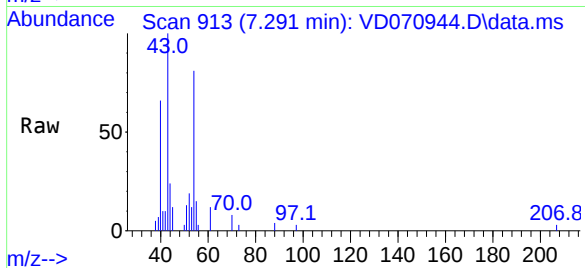
Tgt Ion: 43 Resp: 12624

Ion	Ratio	Lower	Upper
43	100		
61	17.8	13.0	19.6
70	8.6	8.7	13.1

Manual Integrations

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Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#38

Carbon Tetrachloride

Concen: 5.344 ug/l

RT: 8.097 min Scan# 1050

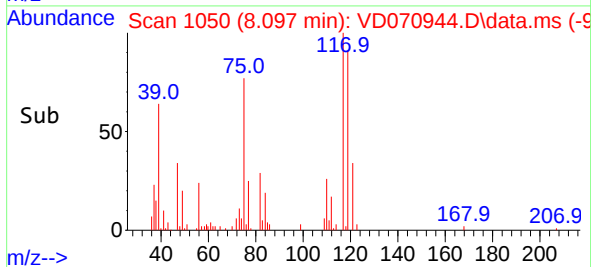
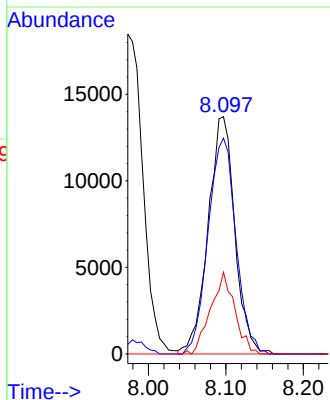
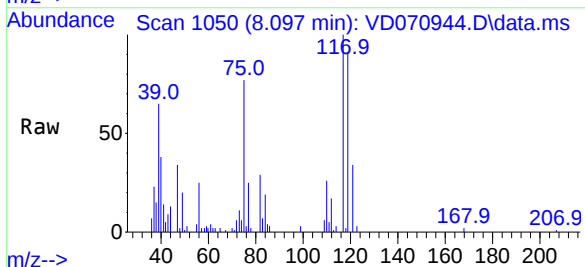
Delta R.T. 0.000 min

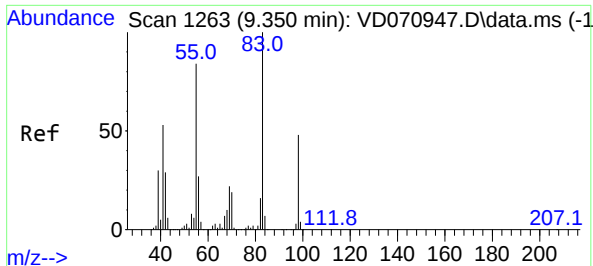
Lab File: VD070944.D

Acq: 09 Nov 2021 10:04

Tgt Ion:117 Resp: 32847

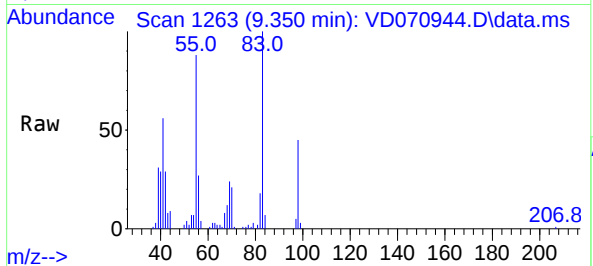
Ion	Ratio	Lower	Upper
117	100		
119	91.0	75.8	113.6
121	34.4	23.6	35.4





#39
Methylcyclohexane
Concen: 5.664 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

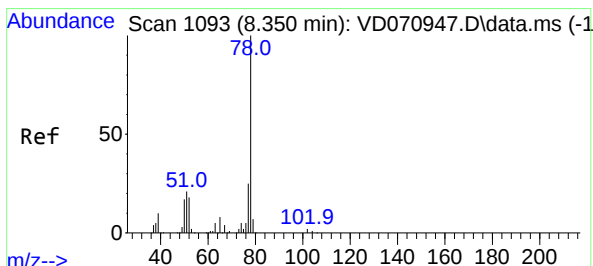
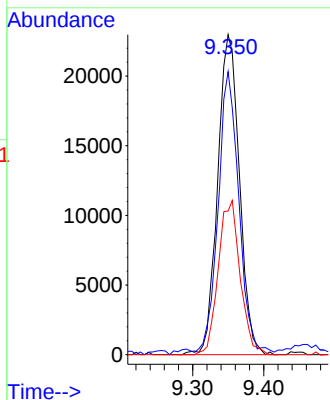
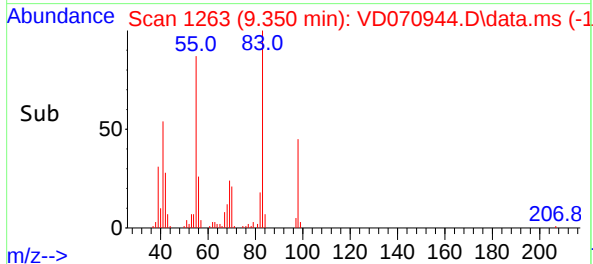
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 4882
Ion Ratio Lower Upper
83 100
55 87.5 65.8 98.8
98 44.9 38.7 58.1

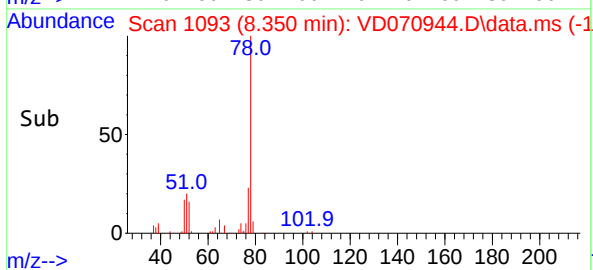
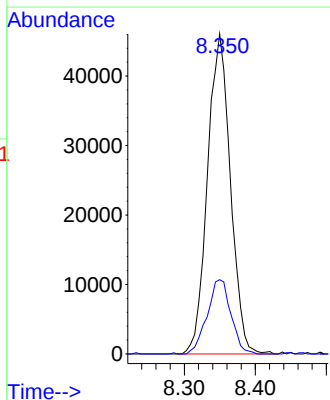
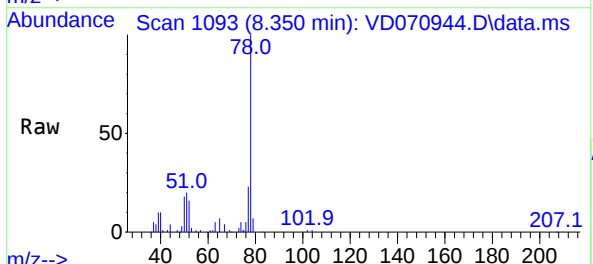
Manual Integrations
APPROVED

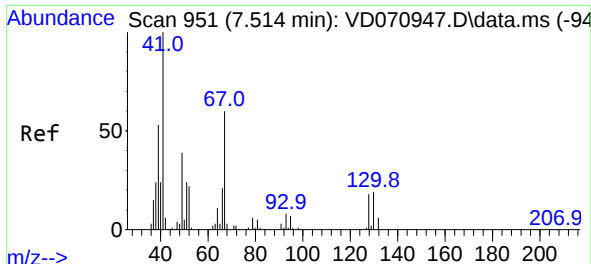
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#40
Benzene
Concen: 5.488 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

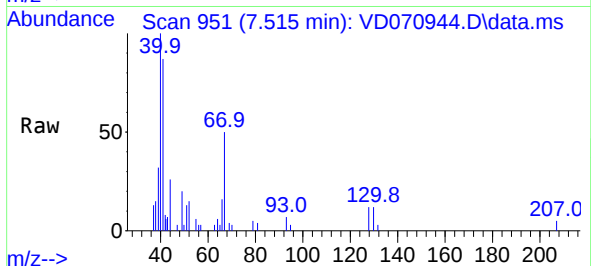
Tgt Ion: 78 Resp: 103152
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7





#41
Methacrylonitrile
Concen: 8.199 ug/l
RT: 7.515 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

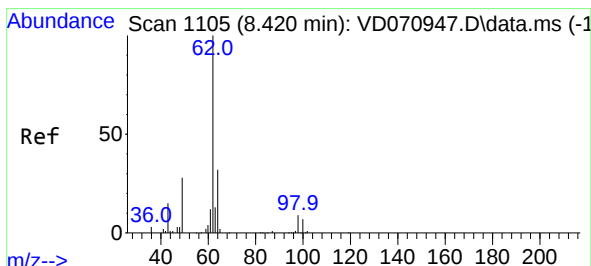
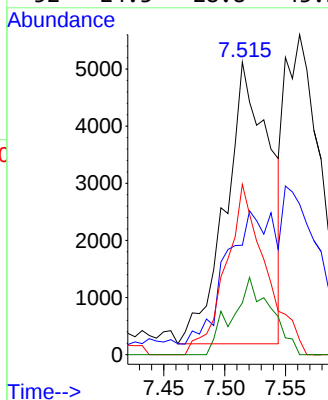
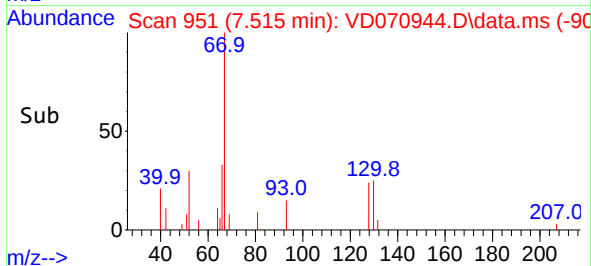
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion: 41 Resp: 1232
Ion Ratio Lower Upper
41 100
39 40.5 60.2 90.4
67 55.3 74.8 112.2
52 24.3 28.8 43.2

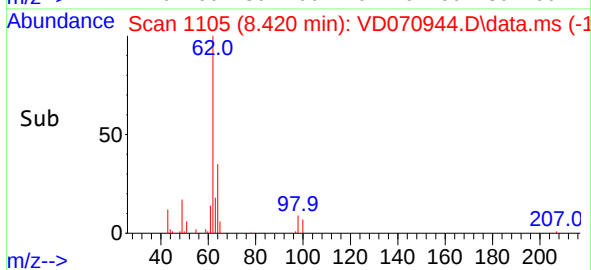
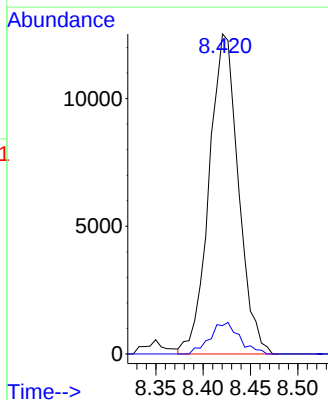
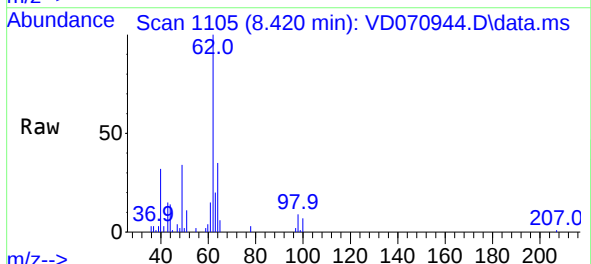
Manual Integrations
APPROVED

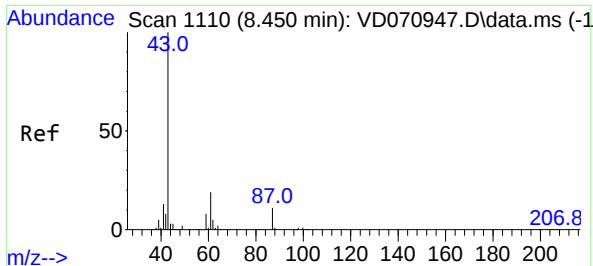
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#42
1,2-Dichloroethane
Concen: 5.071 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

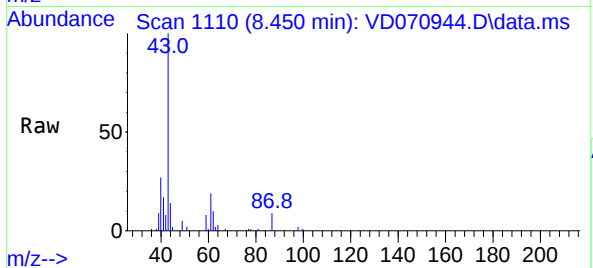
Tgt Ion: 62 Resp: 27001
Ion Ratio Lower Upper
62 100
98 9.9 0.0 21.8





#43
Isopropyl Acetate
Concen: 5.144 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

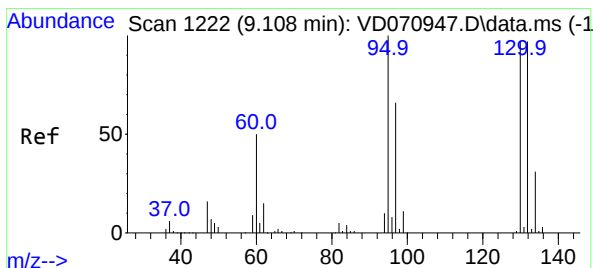
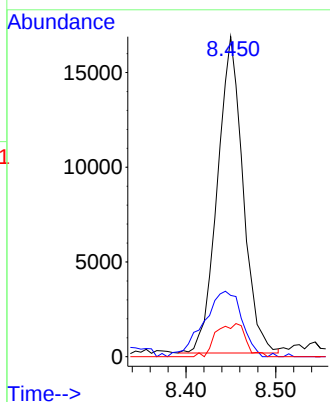
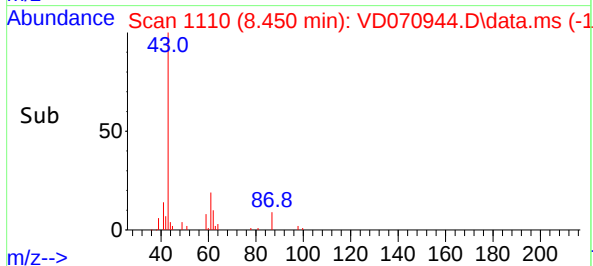
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 33150
Ion Ratio Lower Upper
43 100
61 30.5 28.2 42.4
87 12.1 10.7 16.1

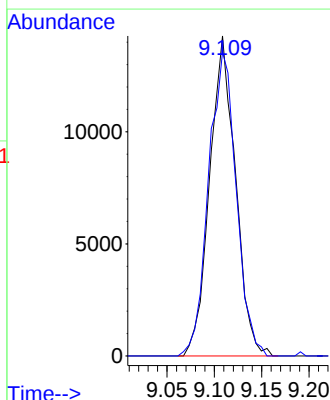
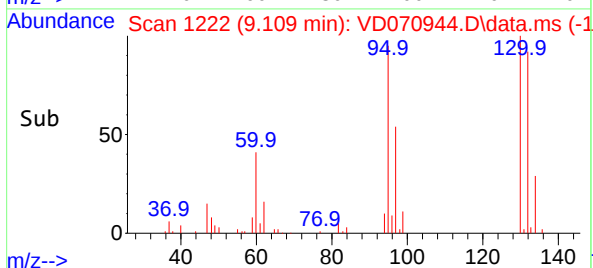
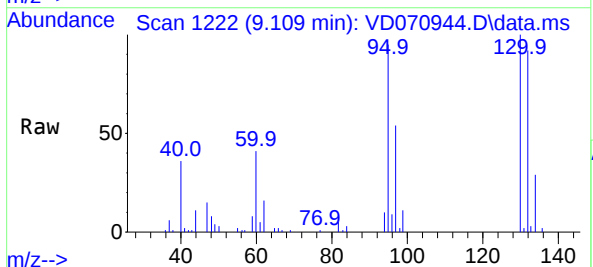
Manual Integrations
APPROVED

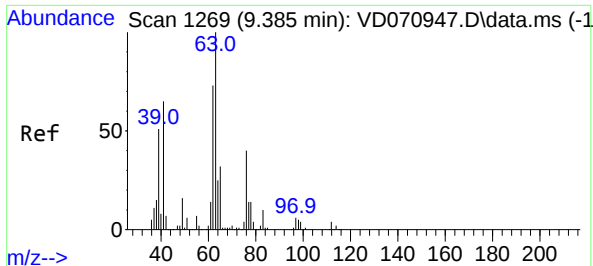
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#44
Trichloroethene
Concen: 5.591 ug/l
RT: 9.109 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Tgt Ion:130 Resp: 27087
Ion Ratio Lower Upper
130 100
95 95.0 0.0 193.2





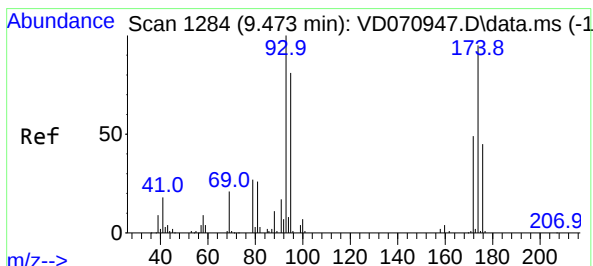
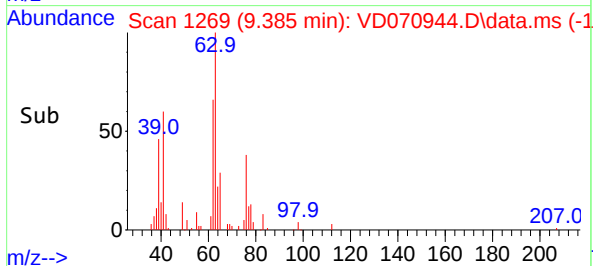
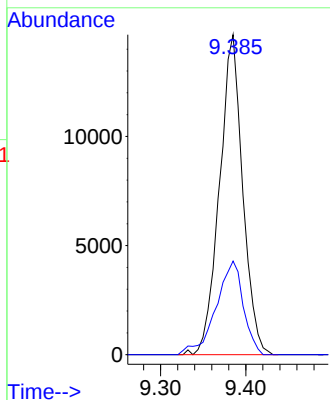
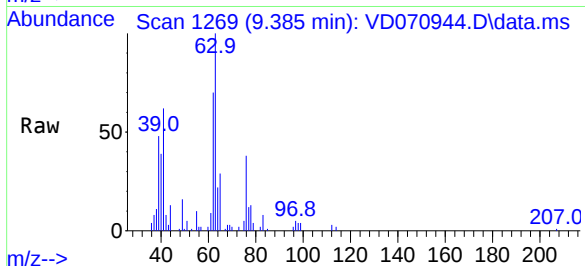
#45
1,2-Dichloropropane
Concen: 5.466 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 27784
Ion Ratio Lower Upper
63 100
65 29.3 24.2 36.2

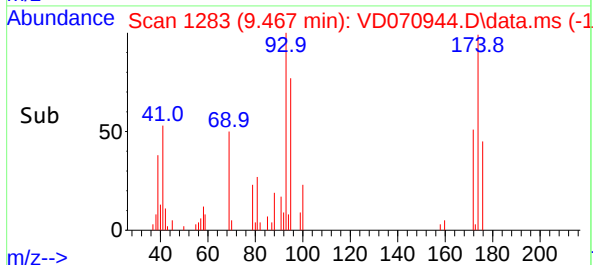
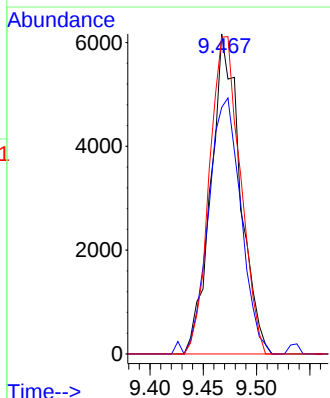
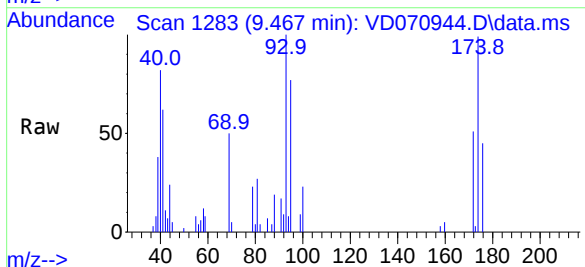
Manual Integrations
APPROVED

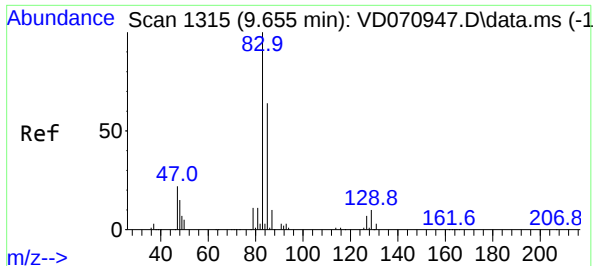
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#46
Dibromomethane
Concen: 4.877 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Tgt Ion: 93 Resp: 11801
Ion Ratio Lower Upper
93 100
95 88.6 66.1 99.1
174 104.4 78.6 117.8





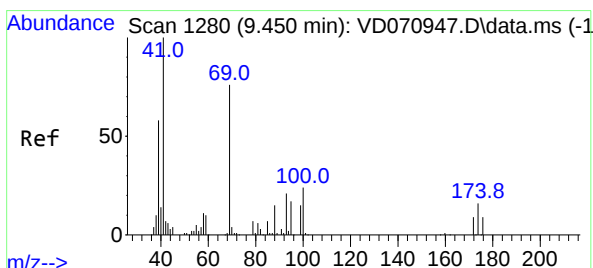
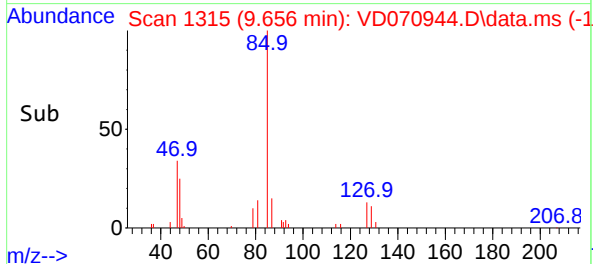
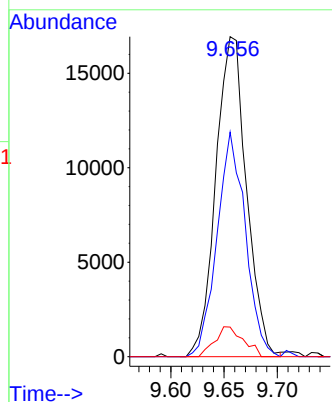
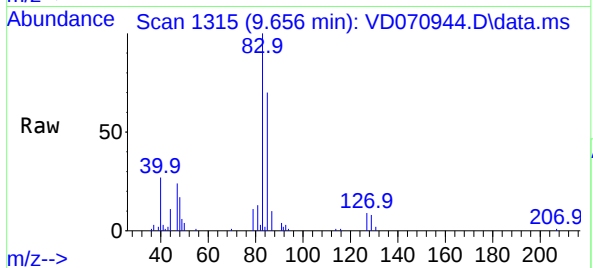
#47
Bromodichloromethane
Concen: 5.301 ug/l
RT: 9.656 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 33924
Ion Ratio Lower Upper
83 100
85 70.2 50.0 75.0
127 9.2 7.3 10.9

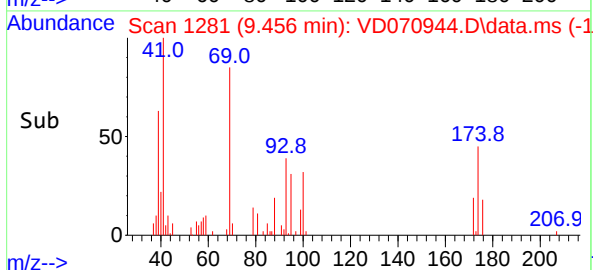
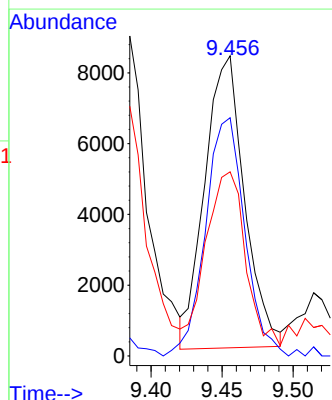
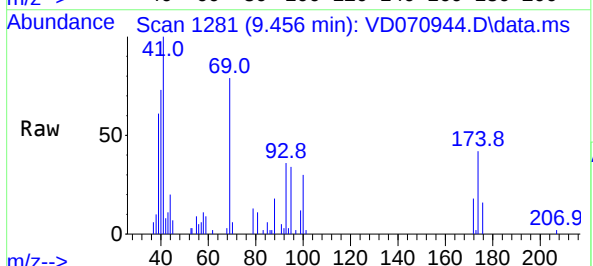
Manual Integrations
APPROVED

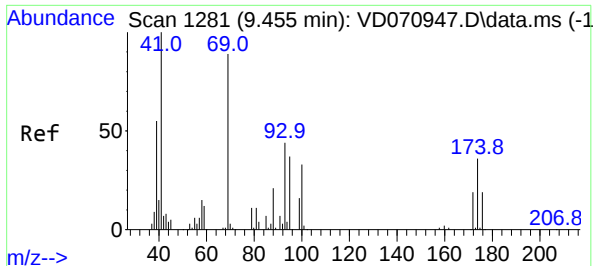
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#48
Methyl methacrylate
Concen: 5.077 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

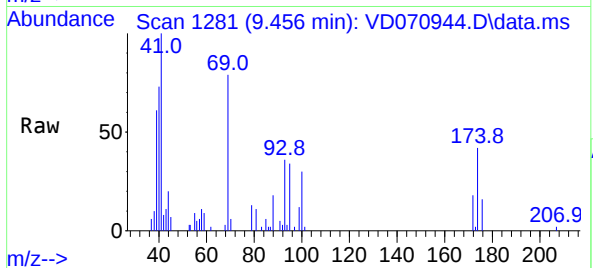
Tgt Ion: 41 Resp: 16051
Ion Ratio Lower Upper
41 100
69 80.6 69.8 104.6
39 58.2 35.6 53.4





#49
1,4-Dioxane
Concen: 94.097 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

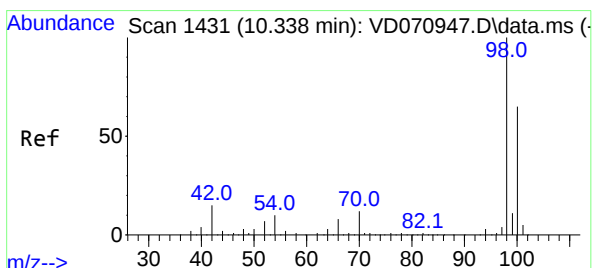
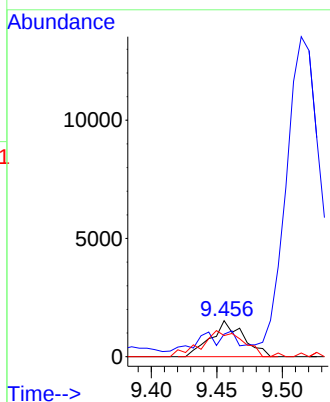
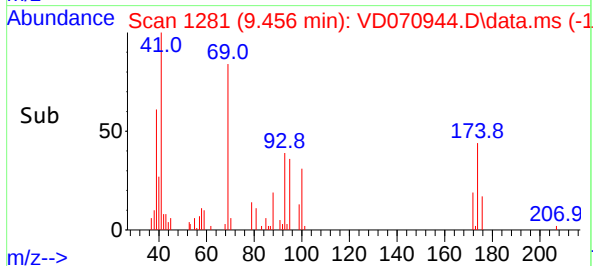
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



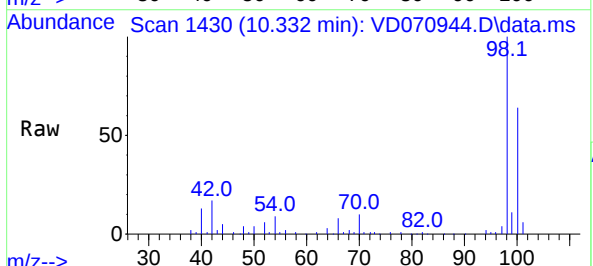
Tgt Ion: 88 Resp: 2638
Ion Ratio Lower Upper
88 100
43 31.5 28.9 43.3
58 90.0 56.3 84.5

Manual Integrations
APPROVED

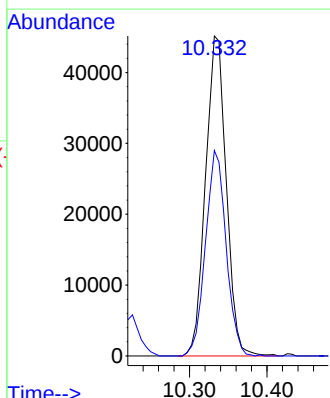
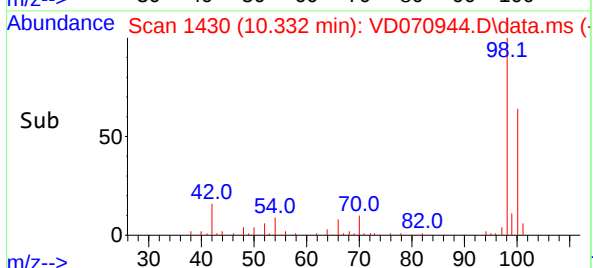
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

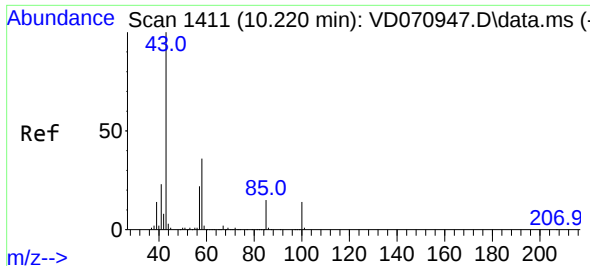


#50
Toluene-d8
Concen: 5.077 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04



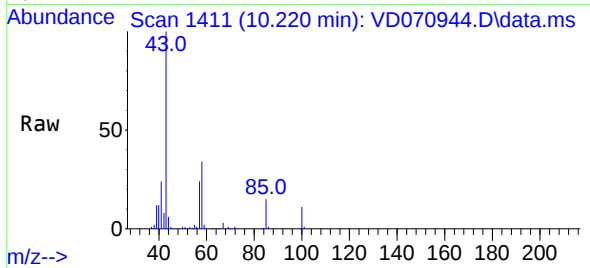
Tgt Ion: 98 Resp: 83873
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 25.448 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

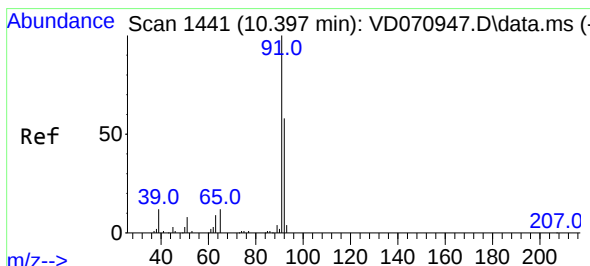
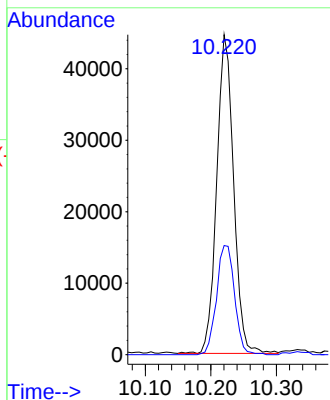
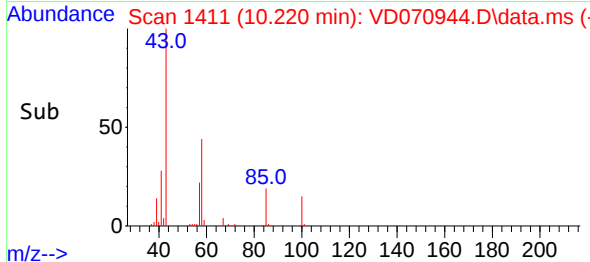
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



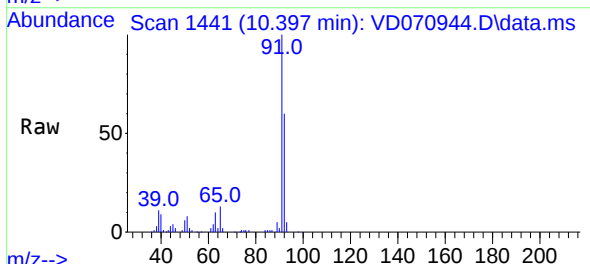
Tgt Ion: 43 Resp: 79512
Ion Ratio Lower Upper
43 100
58 36.6 33.1 49.7

Manual Integrations
APPROVED

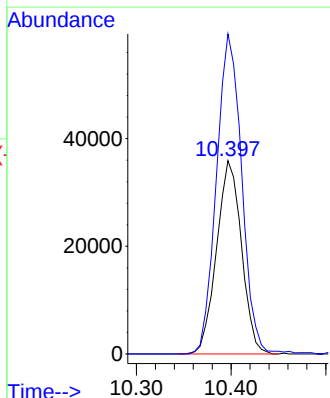
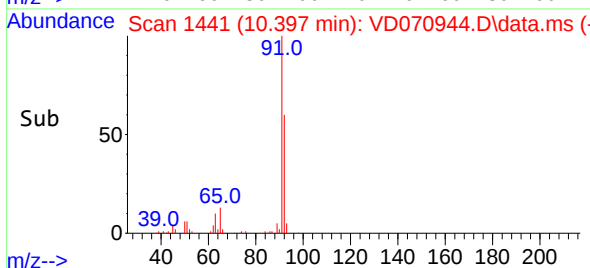
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

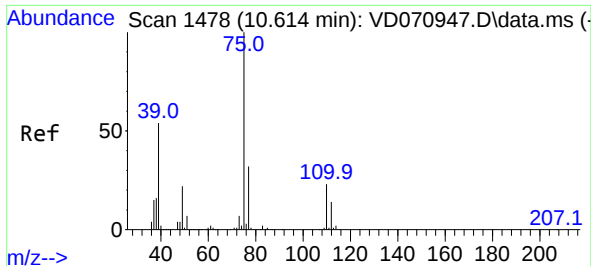


#52
Toluene
Concen: 5.536 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04



Tgt Ion: 92 Resp: 65592
Ion Ratio Lower Upper
92 100
91 168.6 140.7 211.1





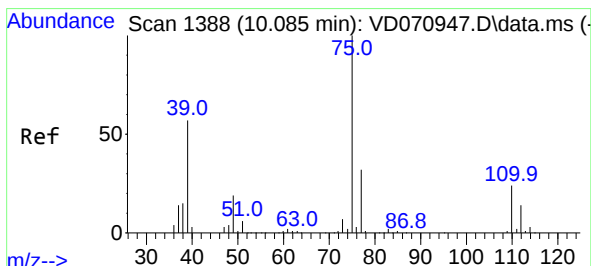
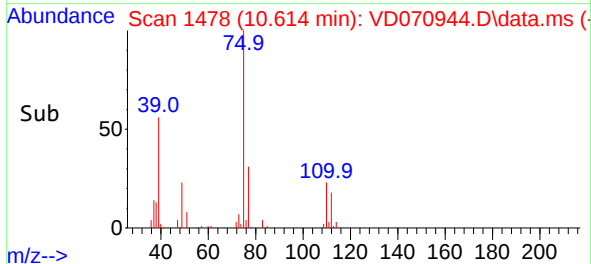
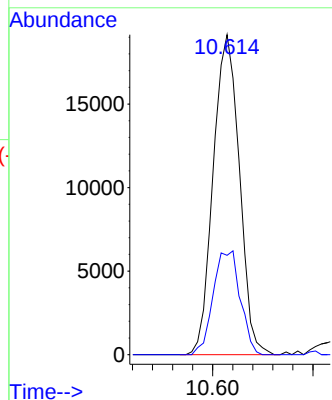
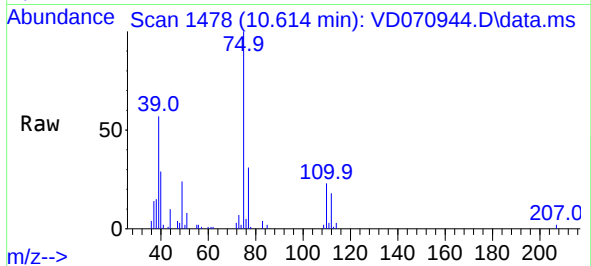
#53
 t-1,3-Dichloropropene
 Concen: 5.375 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD070944.D
 Acq: 09 Nov 2021 10:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion: 75 Resp: 3468
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.5 36.7

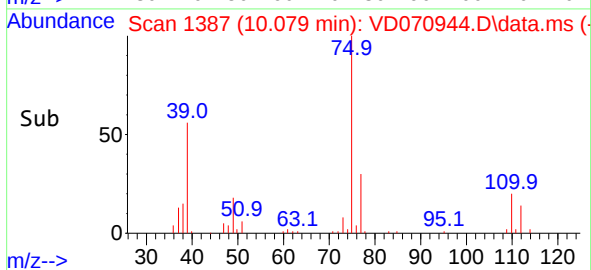
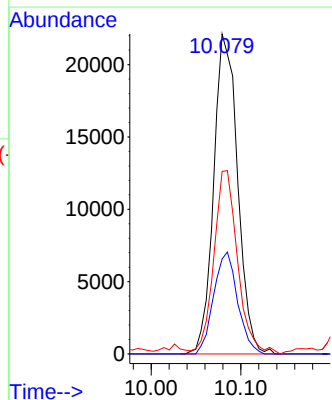
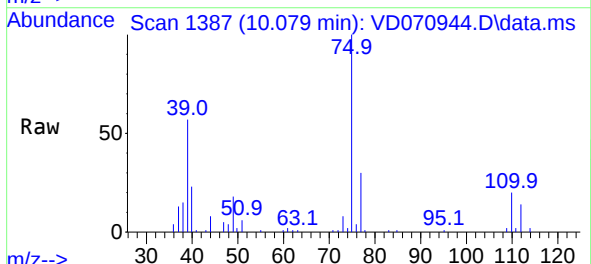
Manual Integrations
 APPROVED

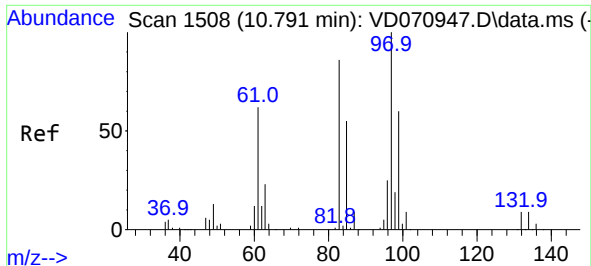
Reviewed By :Vimala Arumugam 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021



#54
 cis-1,3-Dichloropropene
 Concen: 5.381 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. -0.006 min
 Lab File: VD070944.D
 Acq: 09 Nov 2021 10:04

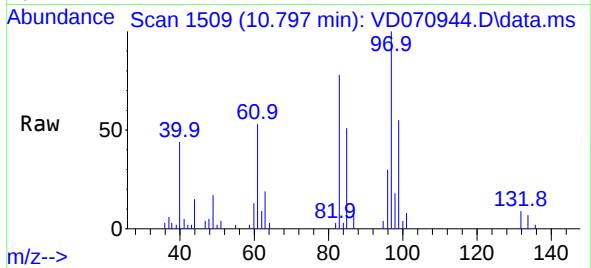
Tgt Ion: 75 Resp: 40951
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.0 37.6
 39 57.1 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 5.322 ug/l
RT: 10.797 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

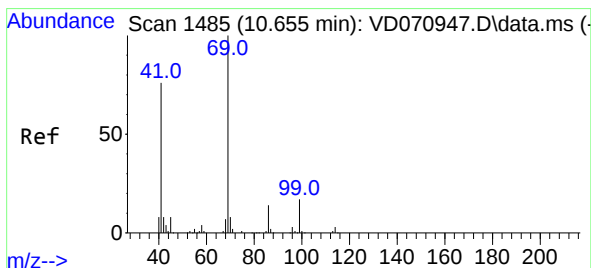
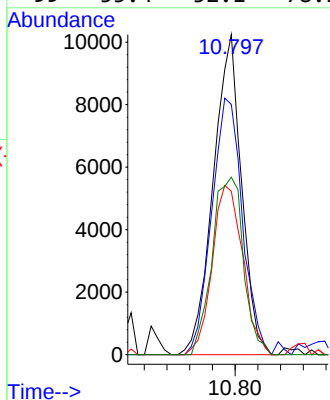
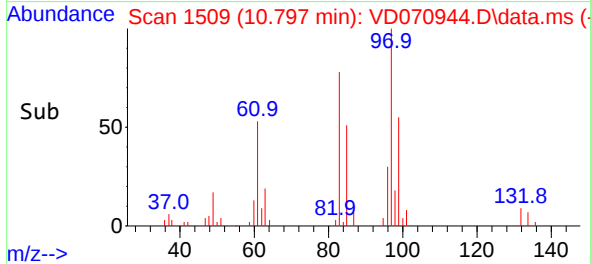
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



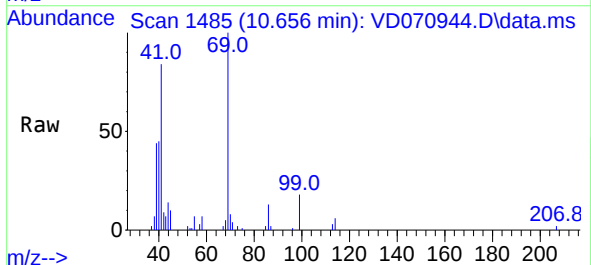
Tgt Ion: 97 Resp: 17698
Ion Ratio Lower Upper
97 100
83 78.2 65.2 97.8
85 51.0 43.4 65.0
99 55.4 52.1 78.1

Manual Integrations
APPROVED

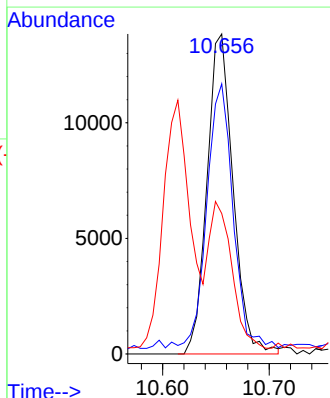
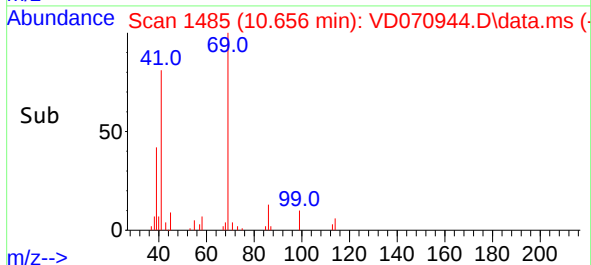
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

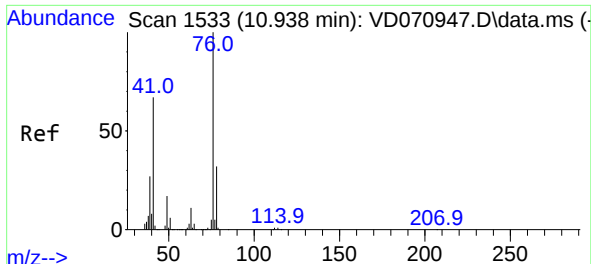


#56
Ethyl methacrylate
Concen: 5.001 ug/l
RT: 10.656 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04



Tgt Ion: 69 Resp: 23530
Ion Ratio Lower Upper
69 100
41 81.7 50.2 75.2#
39 40.3 19.8 29.8#





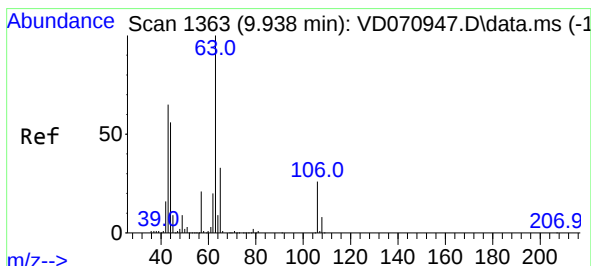
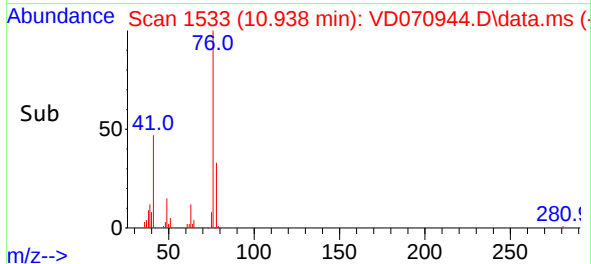
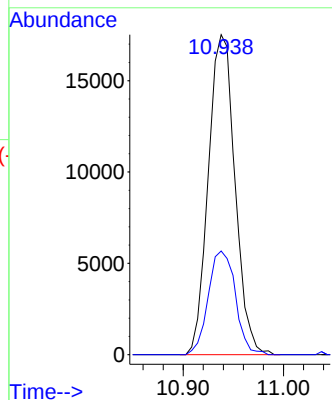
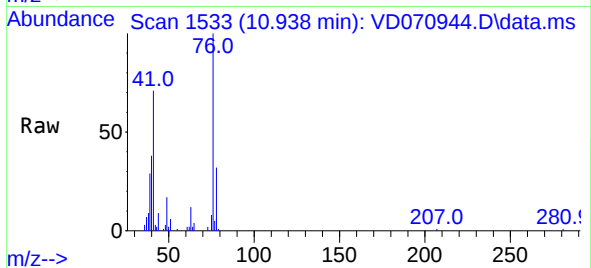
#57
1,3-Dichloropropane
Concen: 5.353 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 3232
Ion Ratio Lower Upper
76 100
78 33.0 25.8 38.6

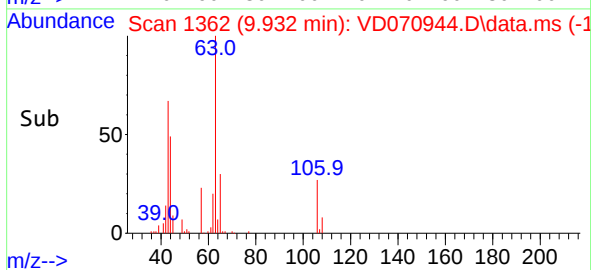
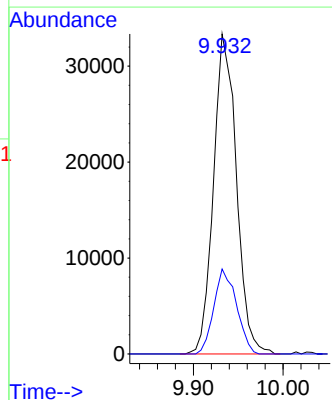
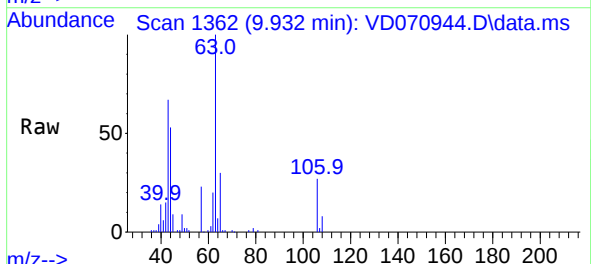
Manual Integrations
APPROVED

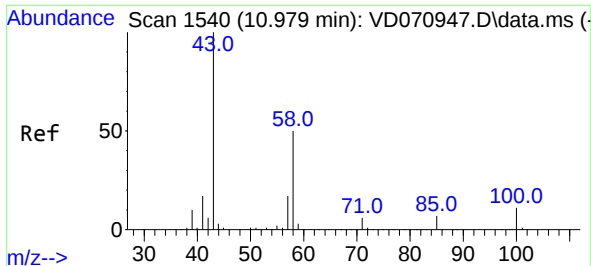
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#58
2-Chloroethyl Vinyl ether
Concen: 24.186 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Tgt Ion: 63 Resp: 59163
Ion Ratio Lower Upper
63 100
106 26.2 21.0 31.4





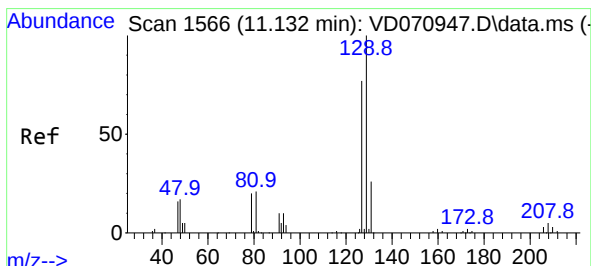
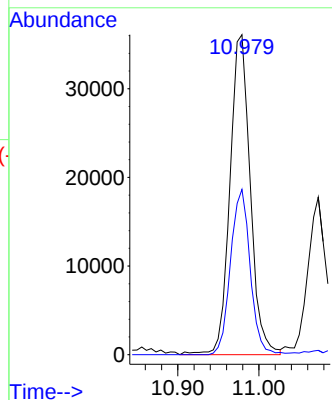
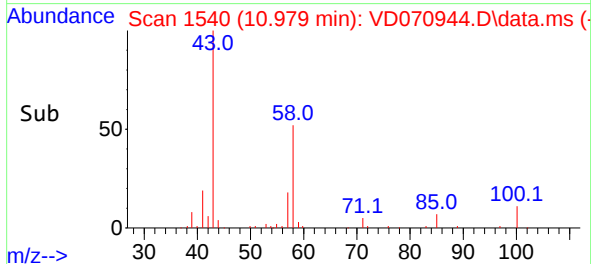
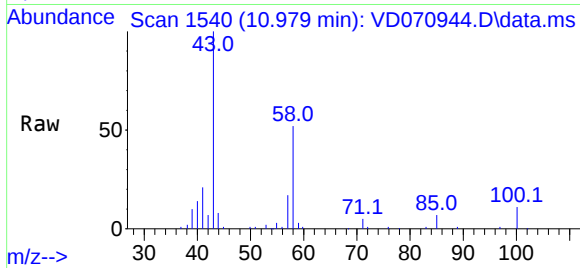
#59
2-Hexanone
Concen: 27.628 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 6286
Ion Ratio Lower Upper
43 100
58 49.8 28.7 86.1

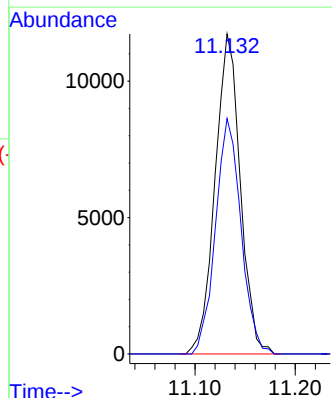
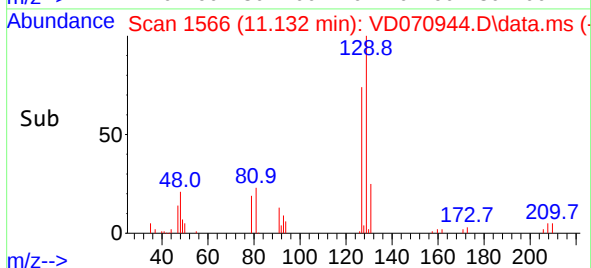
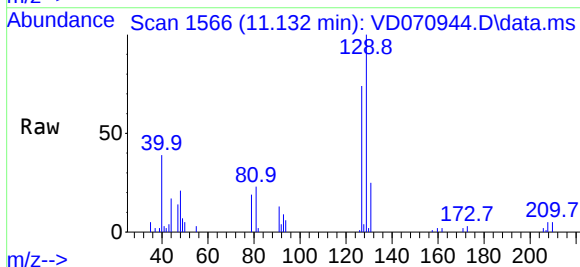
Manual Integrations
APPROVED

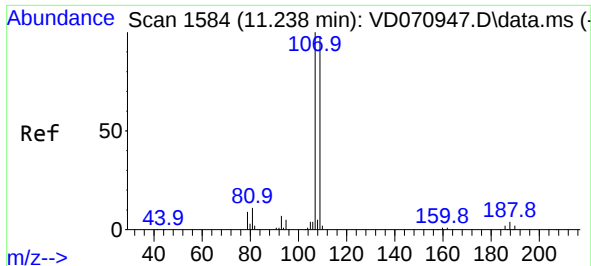
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#60
Dibromochloromethane
Concen: 5.141 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

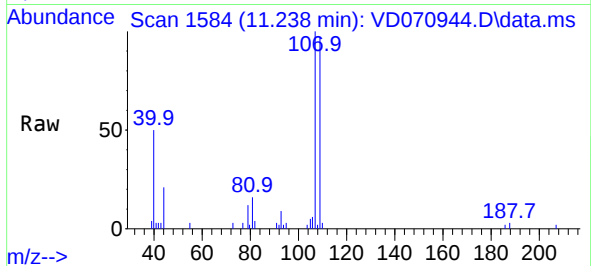
Tgt Ion:129 Resp: 20510
Ion Ratio Lower Upper
129 100
127 74.3 38.9 116.6





#61
1,2-Dibromoethane
Concen: 5.471 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

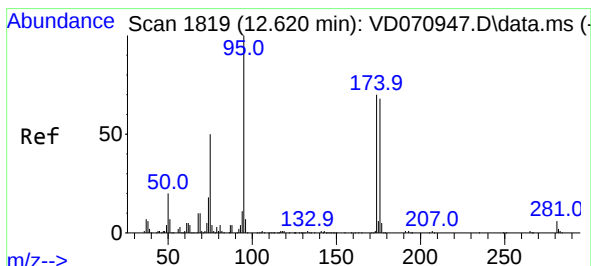
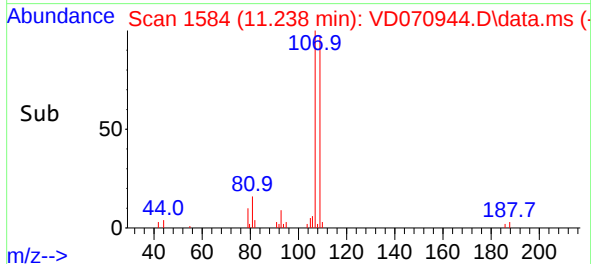
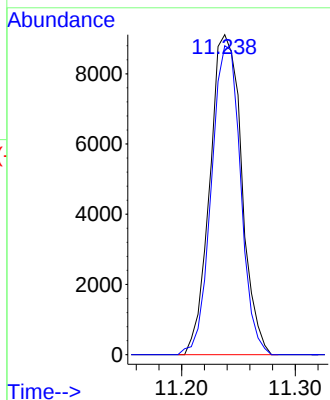
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion:107 Resp: 17698
Ion Ratio Lower Upper
107 100
109 88.7 74.6 112.0

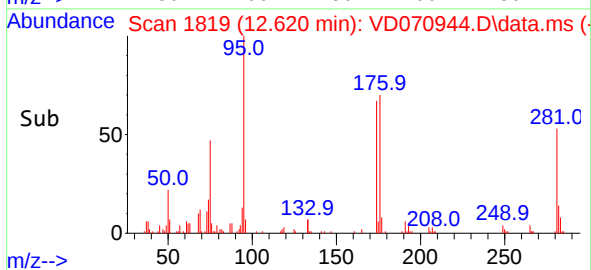
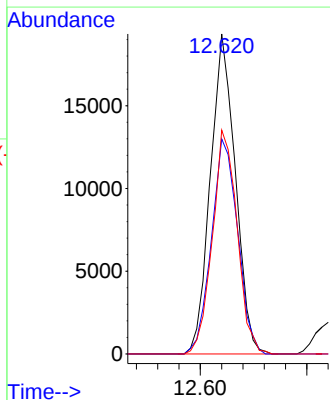
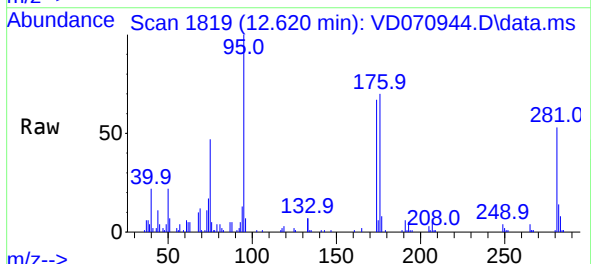
Manual Integrations
APPROVED

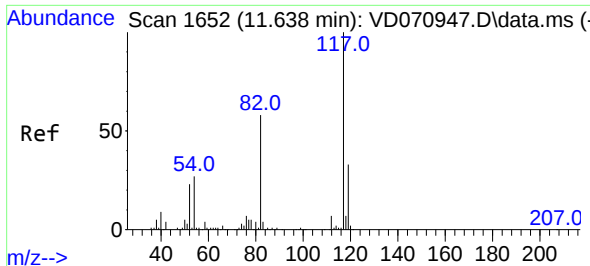
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#62
4-Bromofluorobenzene
Concen: 5.280 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

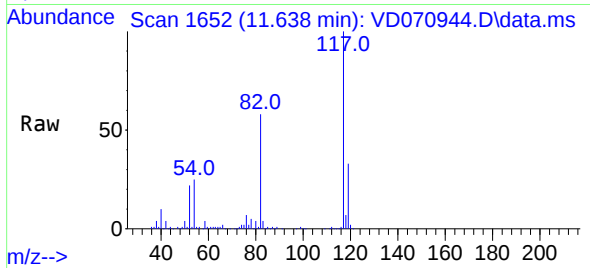
Tgt Ion: 95 Resp: 31407
Ion Ratio Lower Upper
95 100
174 70.6 0.0 159.4
176 69.3 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

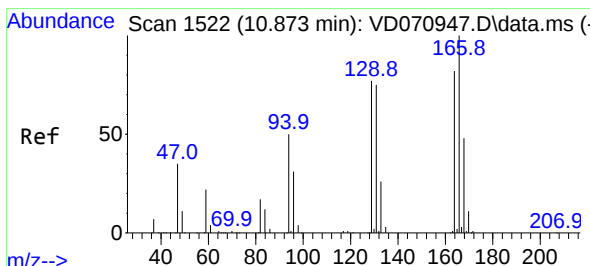
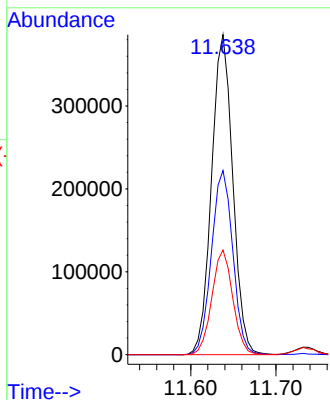
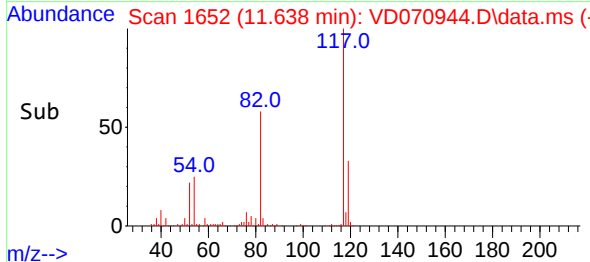
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



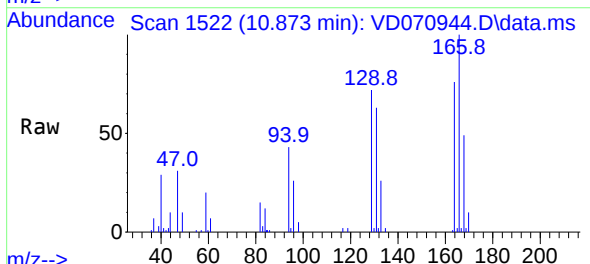
Tgt Ion:117 Resp: 66810
Ion Ratio Lower Upper
117 100
82 57.6 44.7 67.1
119 32.7 26.2 39.4

Manual Integrations
APPROVED

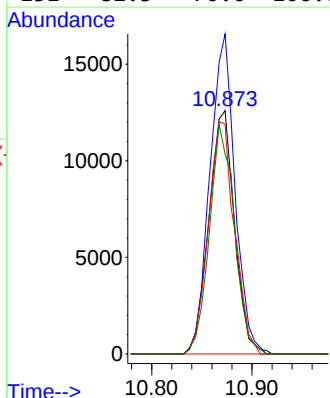
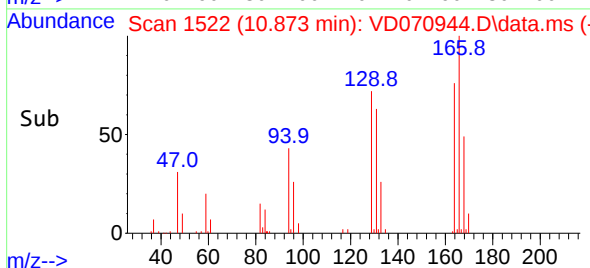
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

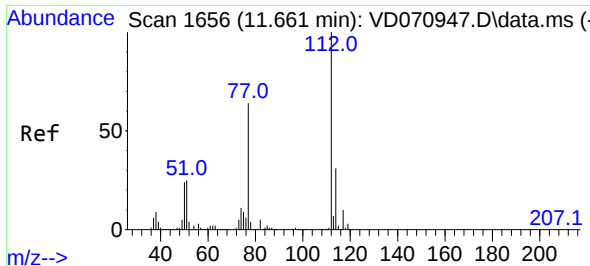


#64
Tetrachloroethene
Concen: 5.754 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04



Tgt Ion:164 Resp: 22418
Ion Ratio Lower Upper
164 100
166 131.5 102.6 153.8
129 94.4 75.4 113.0
131 82.3 70.6 106.0





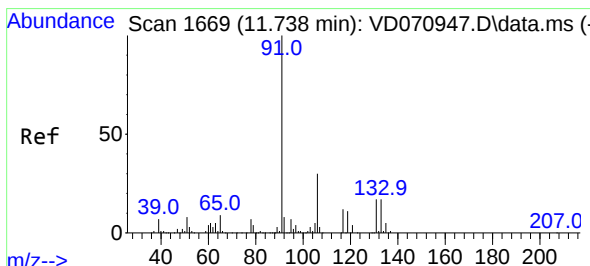
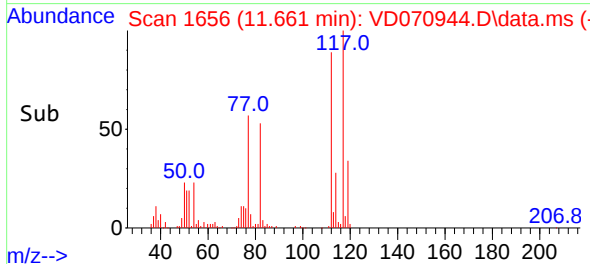
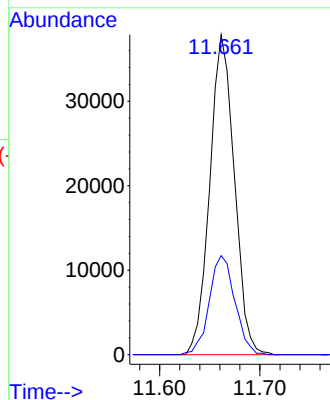
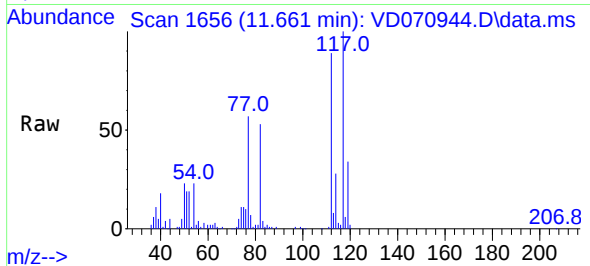
#65
Chlorobenzene
Concen: 5.415 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 64549
Ion Ratio Lower Upper
112 100
114 31.0 26.0 39.0

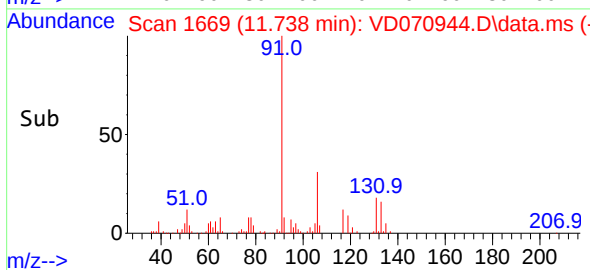
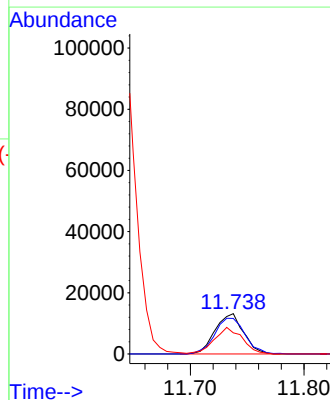
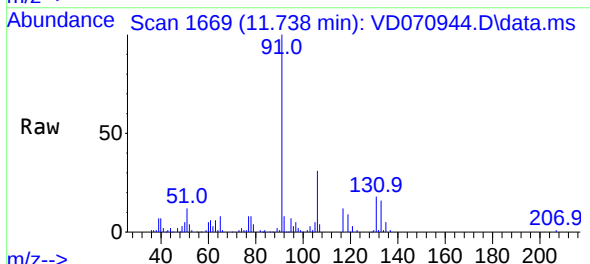
Manual Integrations
APPROVED

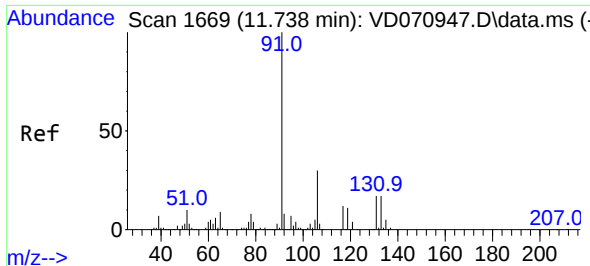
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 5.395 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Tgt Ion:131 Resp: 22828
Ion Ratio Lower Upper
131 100
133 95.6 48.0 144.0
119 64.8 33.5 100.4





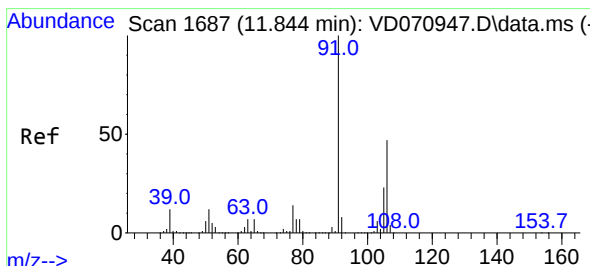
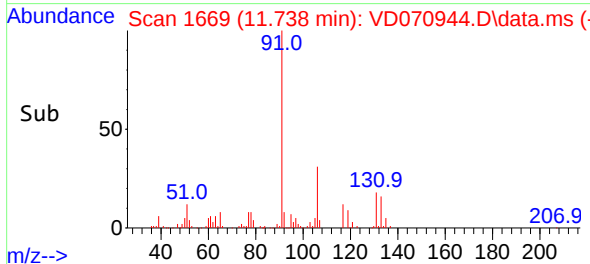
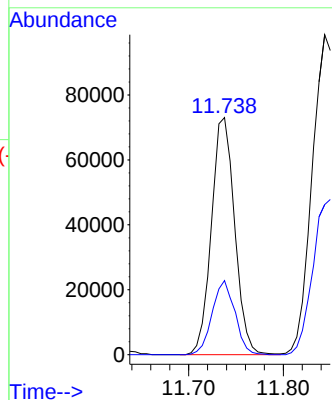
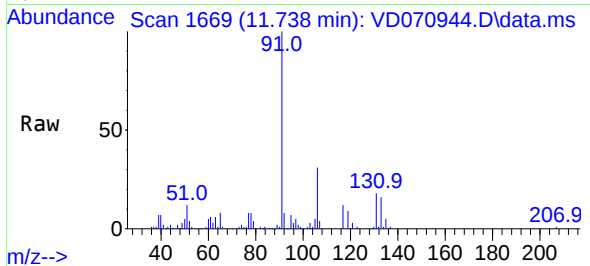
#67
Ethyl Benzene
Concen: 5.530 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 12484
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8

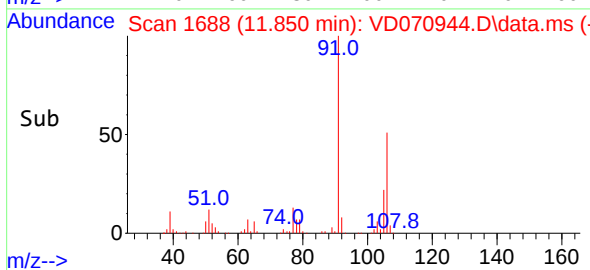
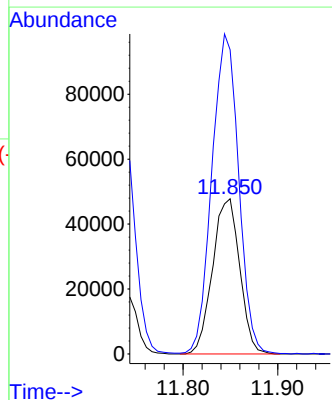
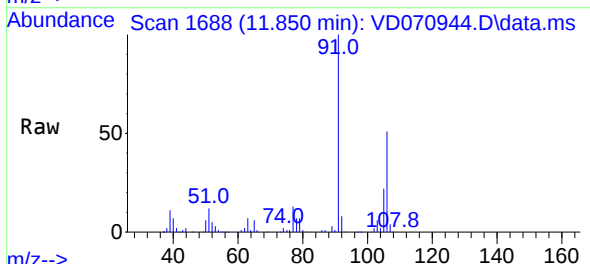
Manual Integrations
APPROVED

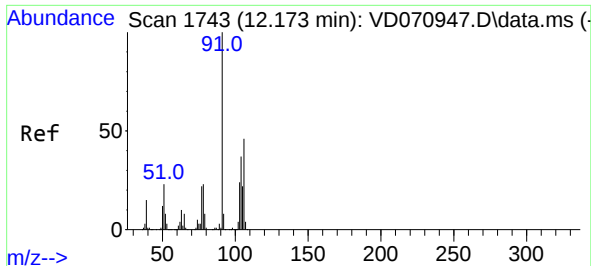
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#68
m/p-Xylenes
Concen: 11.273 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Tgt Ion:106 Resp: 95110
Ion Ratio Lower Upper
106 100
91 203.7 160.1 240.1





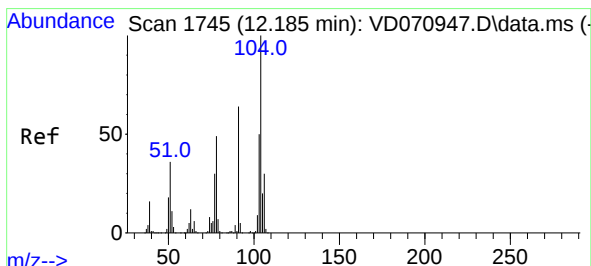
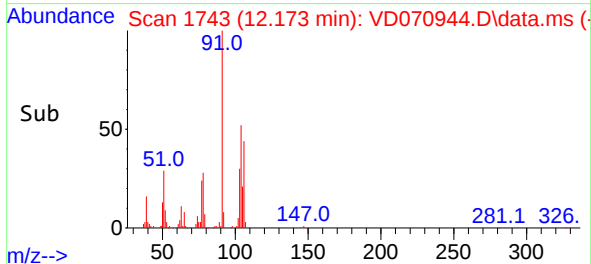
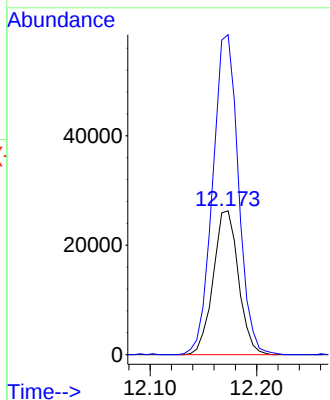
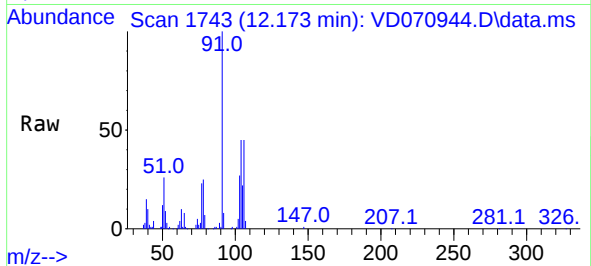
#69
o-Xylene
Concen: 5.384 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 43209
Ion Ratio Lower Upper
106 100
91 226.7 106.3 319.0

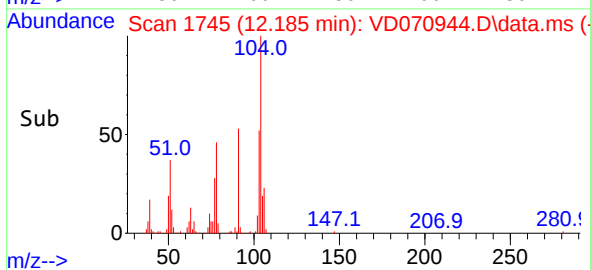
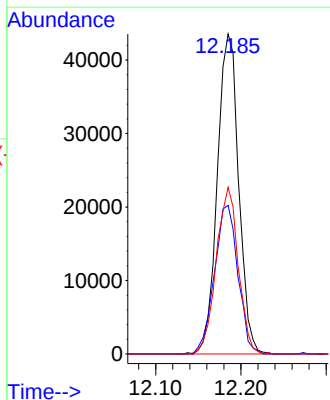
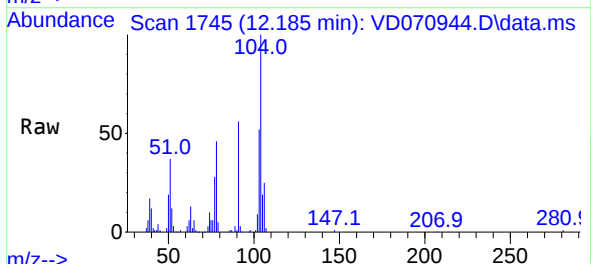
Manual Integrations
APPROVED

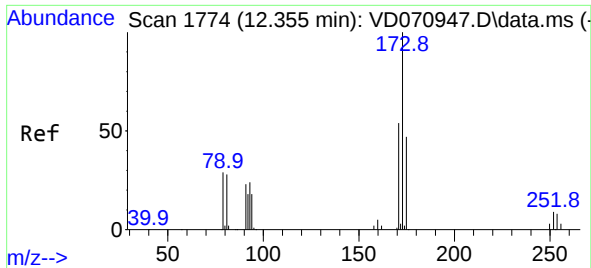
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#70
Styrene
Concen: 5.576 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

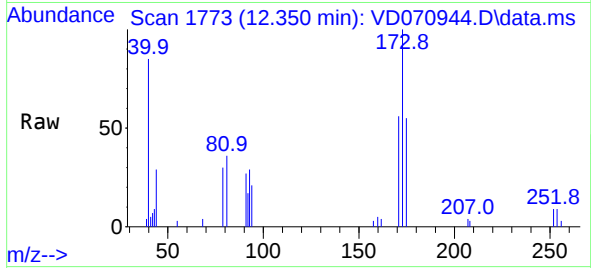
Tgt Ion:104 Resp: 75769
Ion Ratio Lower Upper
104 100
78 51.0 39.4 59.0
103 53.8 43.4 65.0





#71
Bromoform
Concen: 5.456 ug/l
RT: 12.350 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

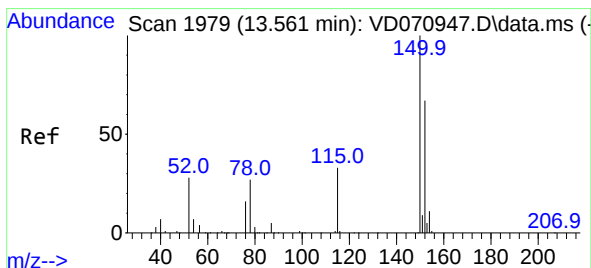
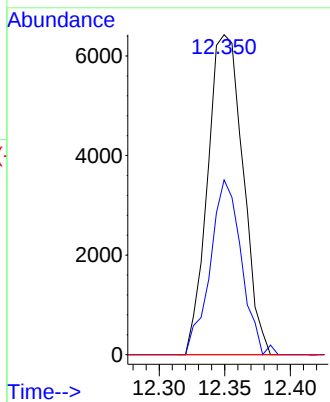
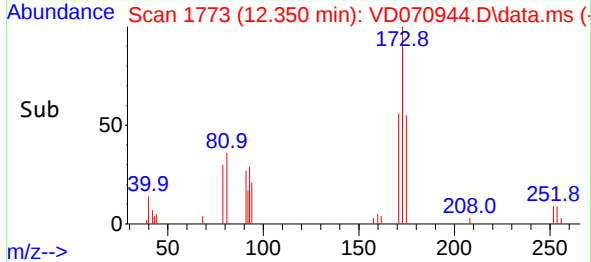
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



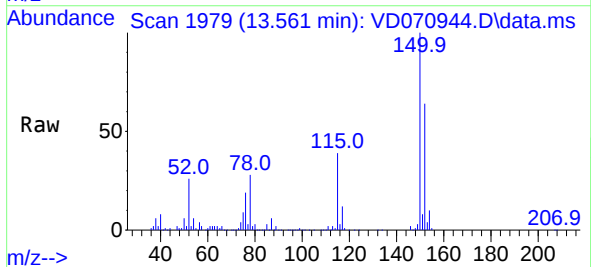
Tgt Ion:173 Resp: 12039
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

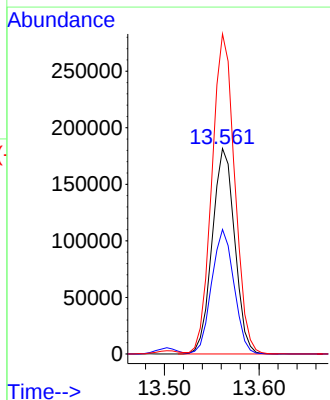
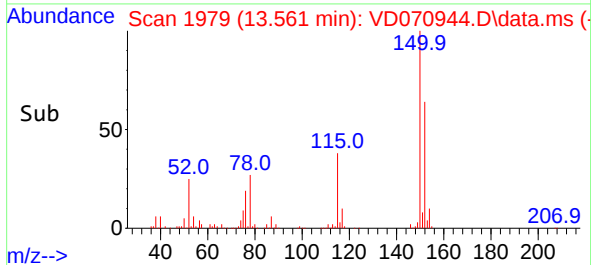
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

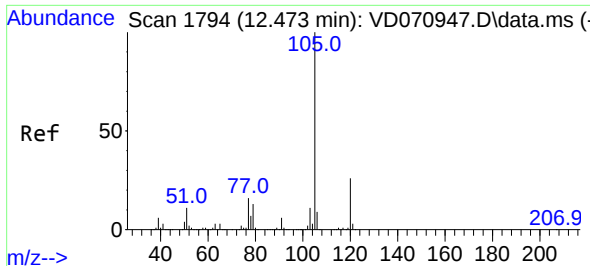


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04



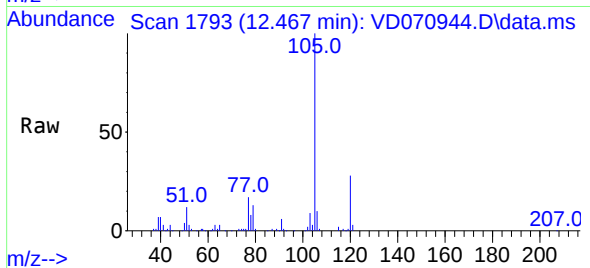
Tgt Ion:152 Resp: 299616
Ion Ratio Lower Upper
152 100
115 60.3 29.8 89.3
150 158.2 0.0 349.2





#73
Isopropylbenzene
Concen: 5.438 ug/l
RT: 12.467 min Scan# 11738
Delta R.T. -0.006 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

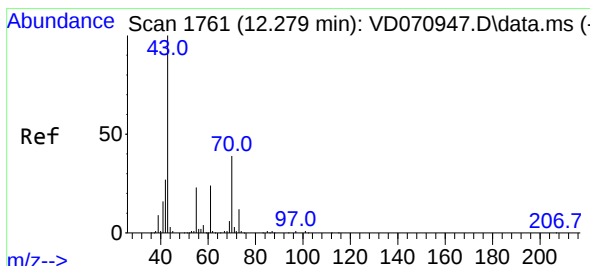
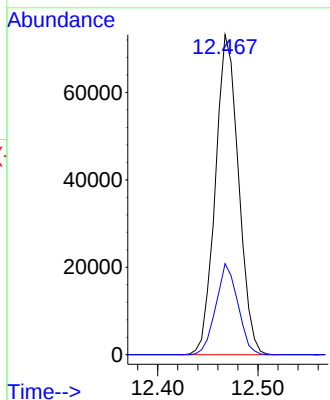
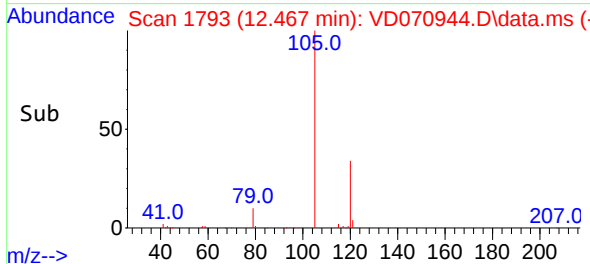
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



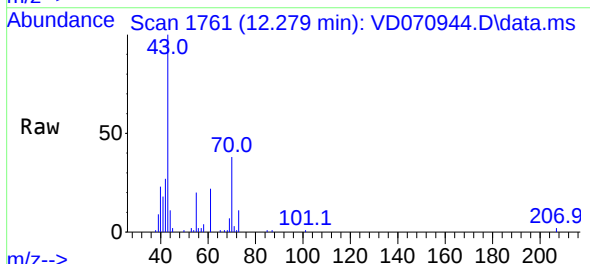
Tgt Ion:105 Resp: 11738
Ion Ratio Lower Upper
105 100
120 27.0 13.2 39.5

Manual Integrations
APPROVED

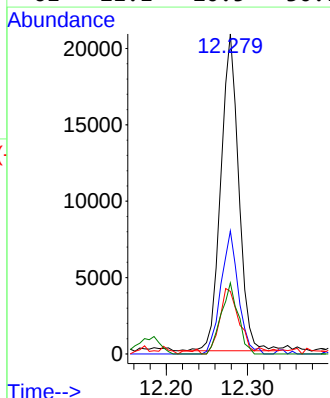
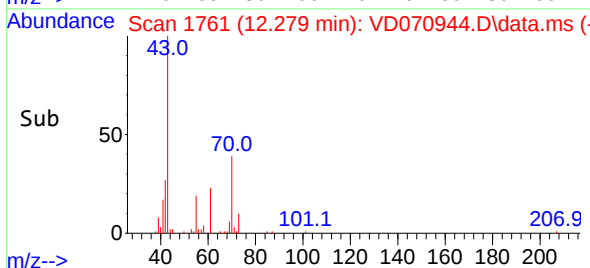
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

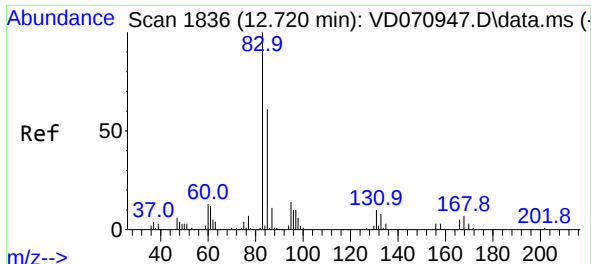


#74
N-ethyl acetate
Concen: 5.175 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04



Tgt Ion: 43 Resp: 31910
Ion Ratio Lower Upper
43 100
70 37.9 36.6 55.0
55 21.9 22.5 33.7#
61 21.1 20.5 30.7





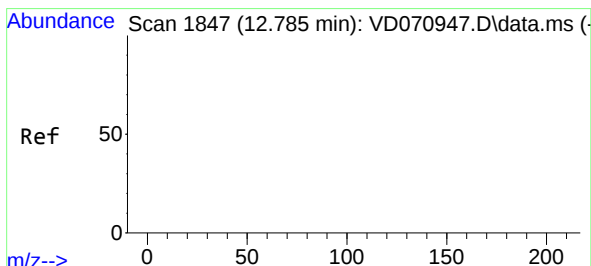
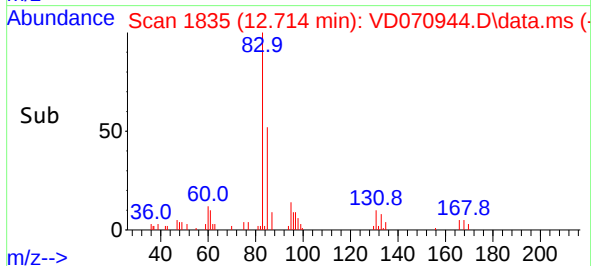
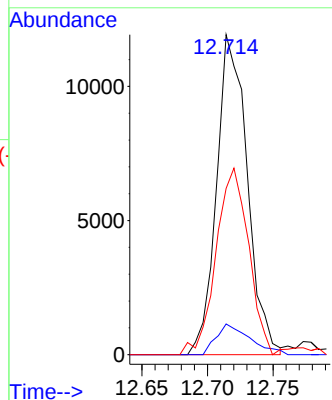
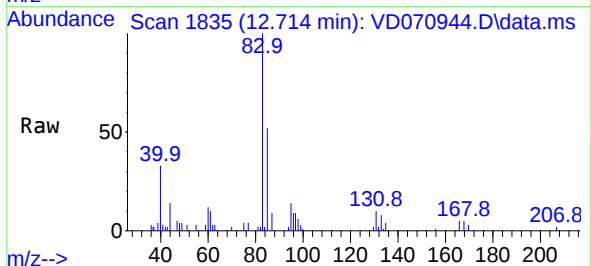
#75
1,1,2,2-Tetrachloroethane
Concen: 5.215 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 1937
Ion Ratio Lower Upper
83 100
131 10.6 4.9 14.7
85 62.2 32.0 96.2

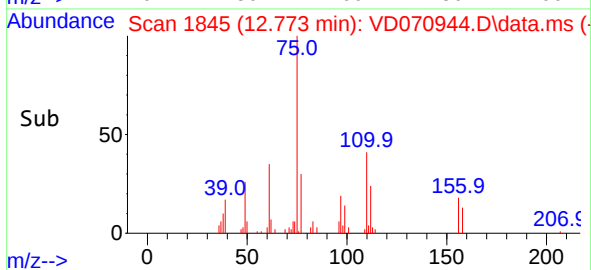
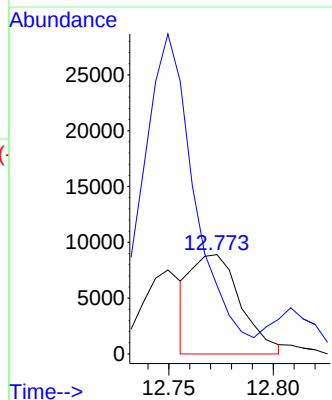
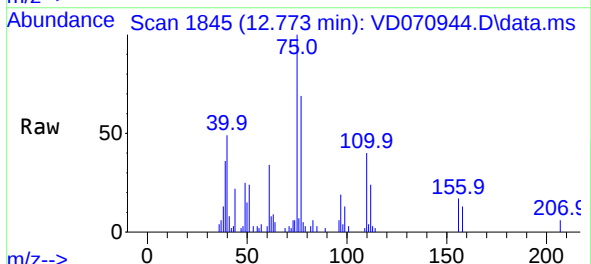
Manual Integrations
APPROVED

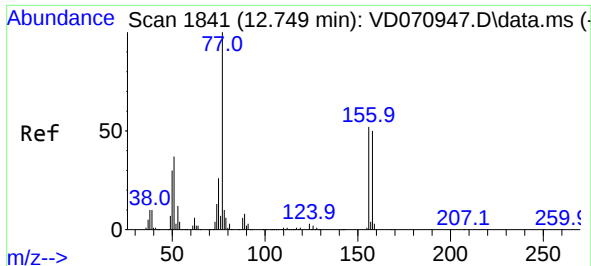
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#76
1,2,3-Trichloropropane
Concen: 16.205 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.012 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

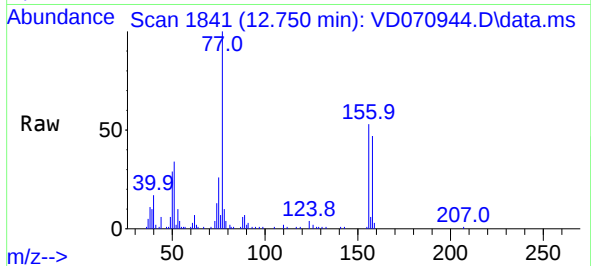
Tgt Ion: 75 Resp: 14689
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#





#77
Bromobenzene
Concen: 5.502 ug/l
RT: 12.750 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

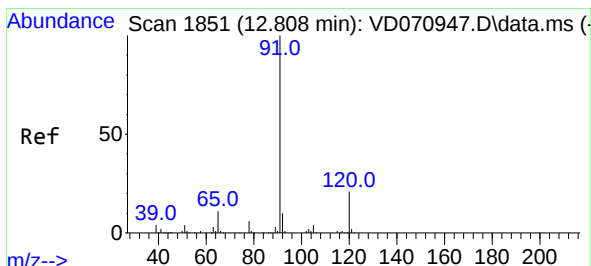
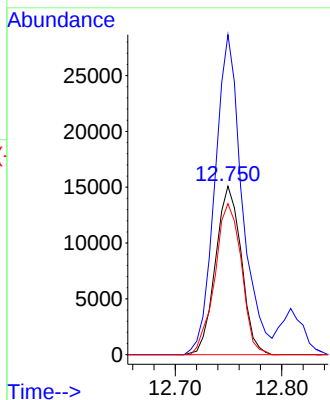
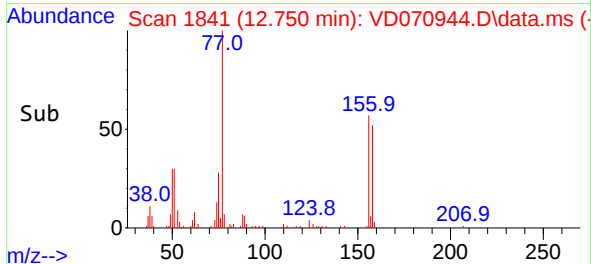
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



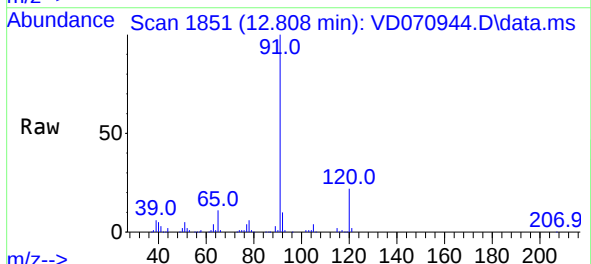
Tgt Ion:156 Resp: 25370
Ion Ratio Lower Upper
156 100
77 201.1 96.6 289.8
158 92.4 49.1 147.4

Manual Integrations
APPROVED

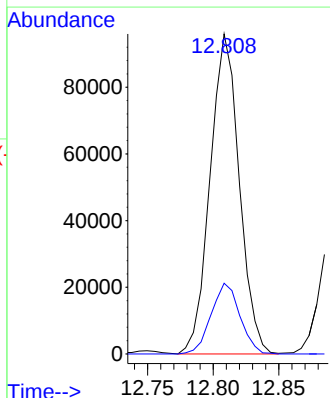
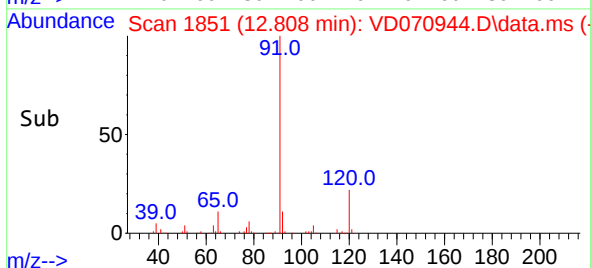
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

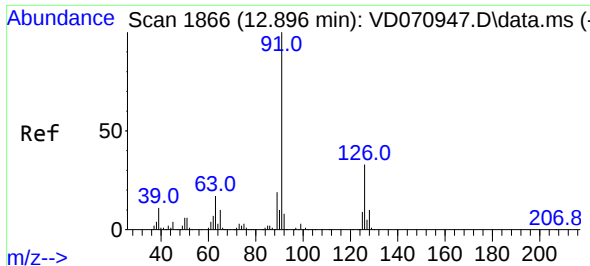


#78
n-propylbenzene
Concen: 5.557 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04



Tgt Ion: 91 Resp: 148621
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.9





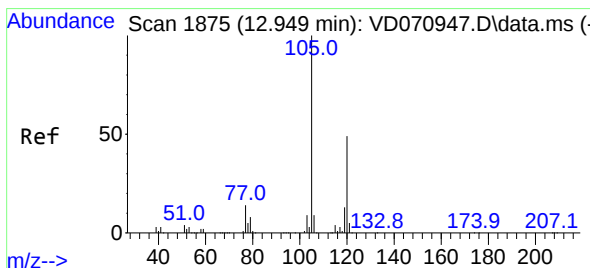
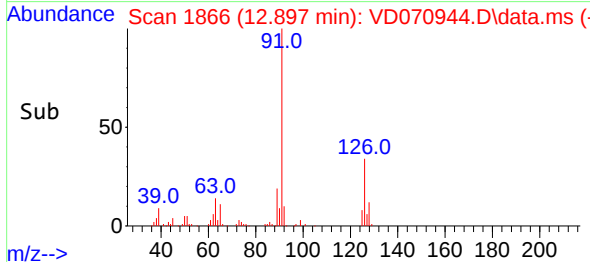
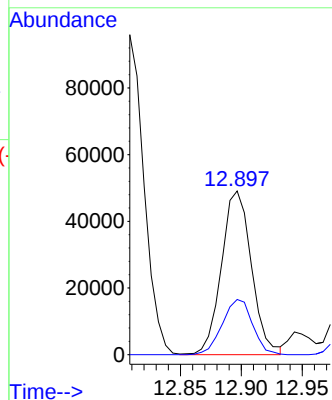
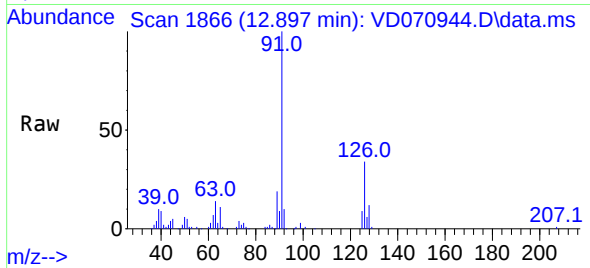
#79
2-Chlorotoluene
Concen: 5.540 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 8448
Ion Ratio Lower Upper
91 100
126 33.8 16.6 49.7

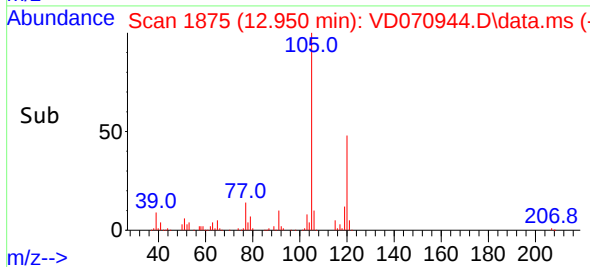
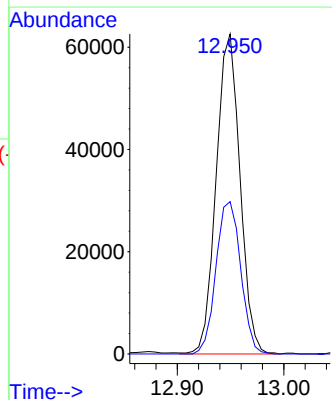
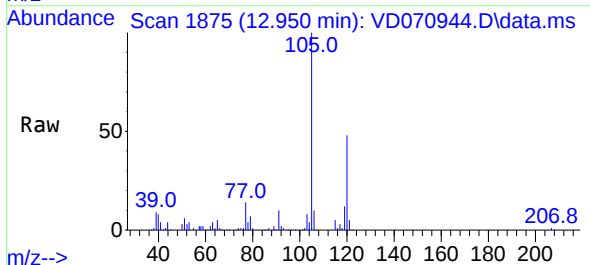
Manual Integrations
APPROVED

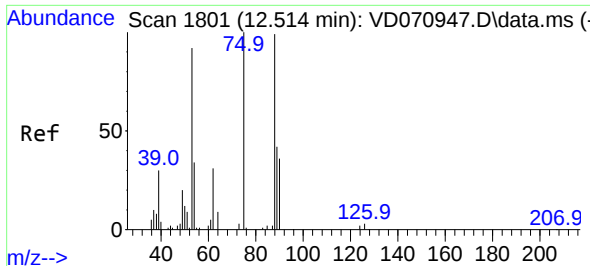
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#80
1,3,5-Trimethylbenzene
Concen: 5.461 ug/l
RT: 12.950 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

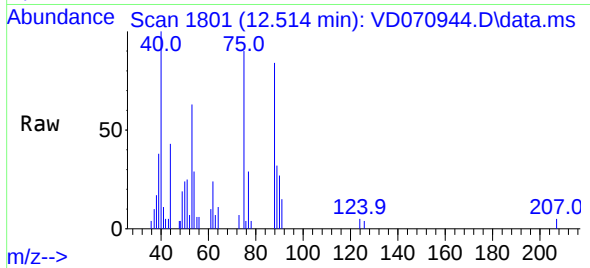
Tgt Ion:105 Resp: 97059
Ion Ratio Lower Upper
105 100
120 49.4 24.6 73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 5.354 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

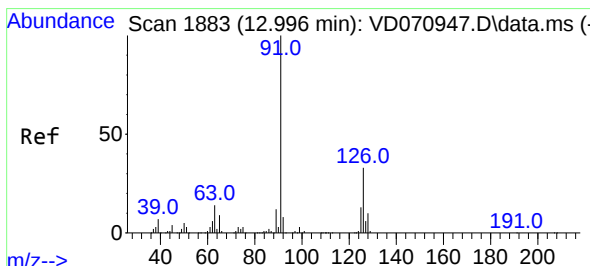
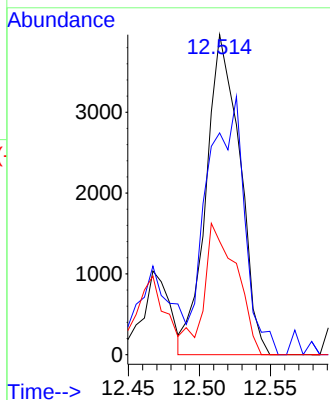
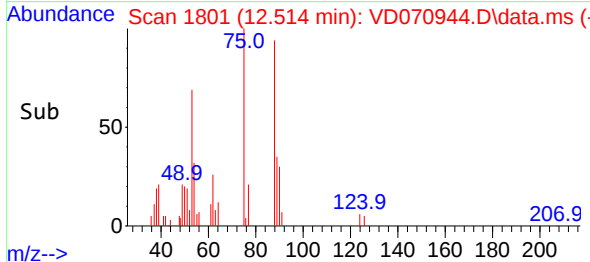
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 6538
Ion Ratio Lower Upper
75 100
53 88.2 62.6 94.0
89 37.1 34.5 51.7

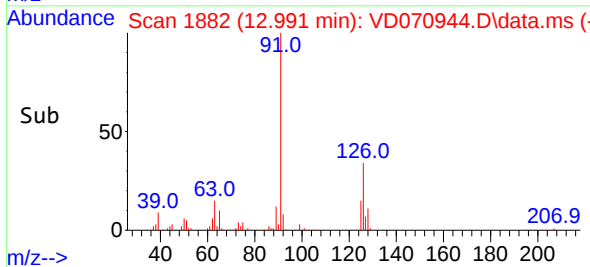
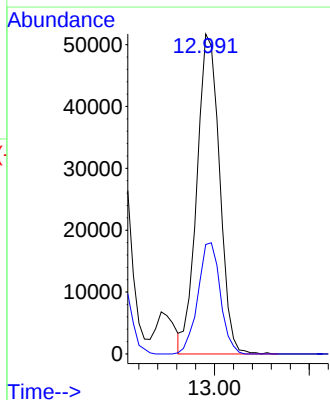
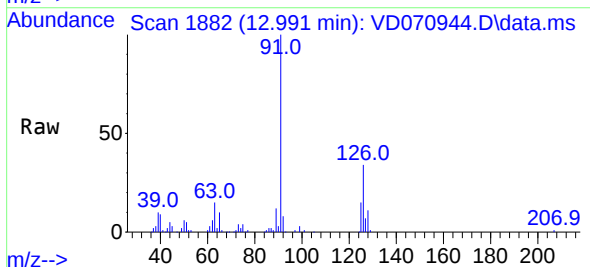
Manual Integrations
APPROVED

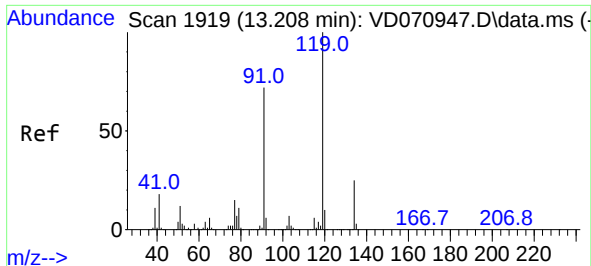
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#82
4-Chlorotoluene
Concen: 5.455 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Tgt Ion: 91 Resp: 85855
Ion Ratio Lower Upper
91 100
126 34.4 16.4 49.1





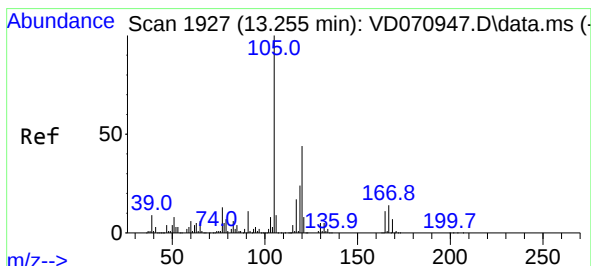
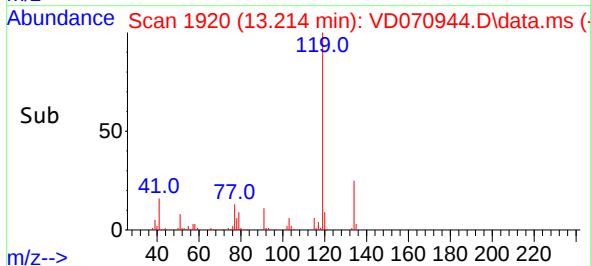
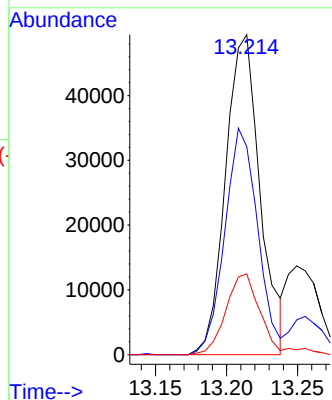
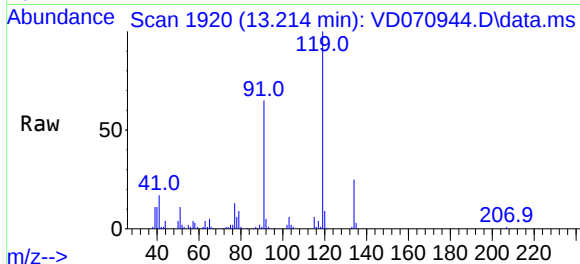
#83
tert-Butylbenzene
Concen: 5.464 ug/l
RT: 13.214 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 8364
Ion Ratio Lower Upper
119 100
91 67.5 32.5 97.5
134 25.9 13.2 39.6

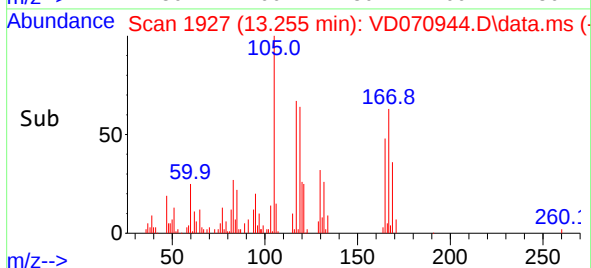
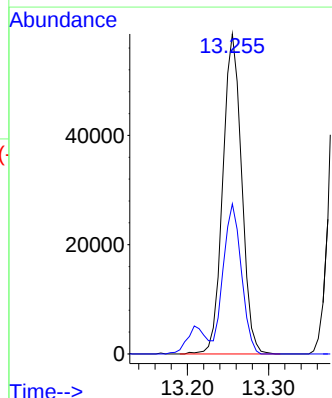
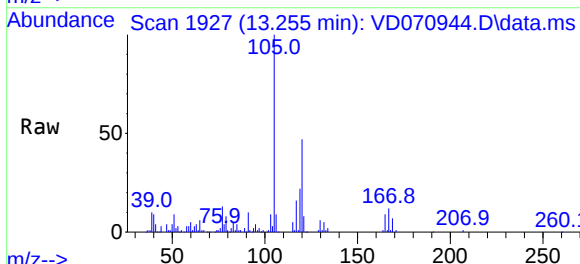
Manual Integrations
APPROVED

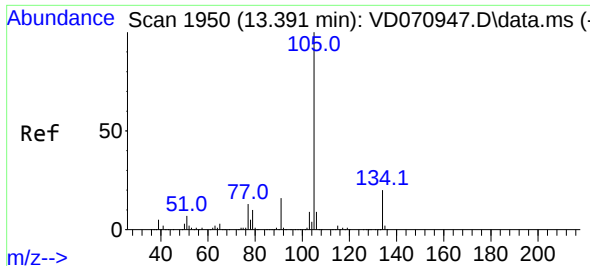
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#84
1,2,4-Trimethylbenzene
Concen: 5.421 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Tgt Ion:105 Resp: 94360
Ion Ratio Lower Upper
105 100
120 44.7 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 5.583 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD070944.D
 Acq: 09 Nov 2021 10:04

Instrument :

MSVOA_D

ClientSampleId :

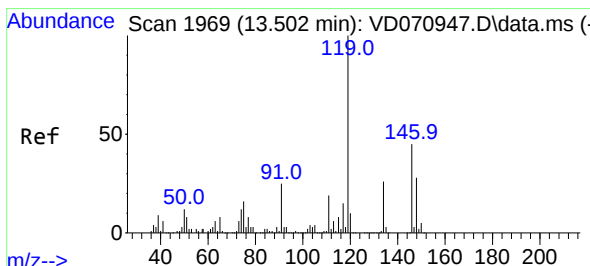
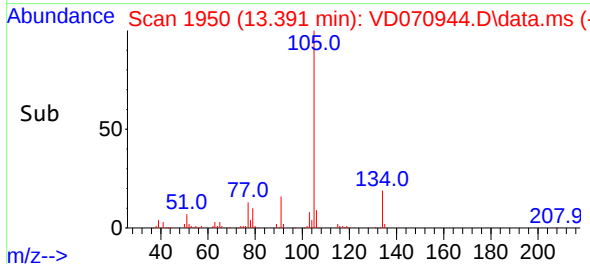
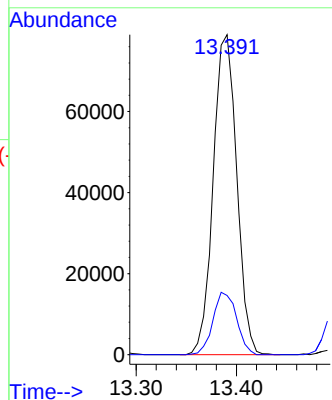
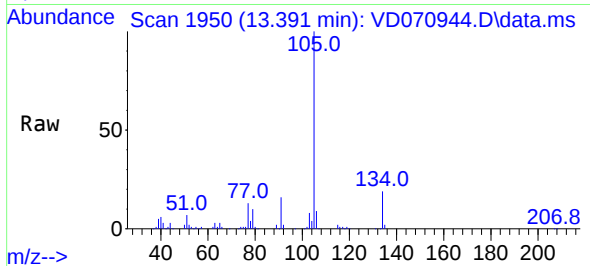
VSTDIC005

Tgt Ion:105 Resp: 128498
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 28.9

Manual Integrations

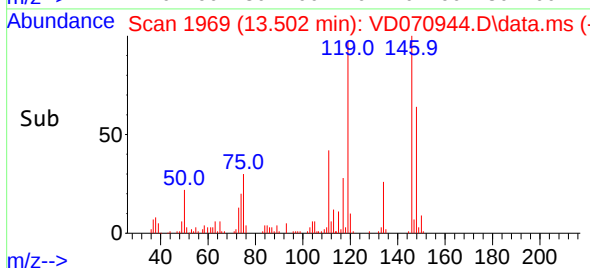
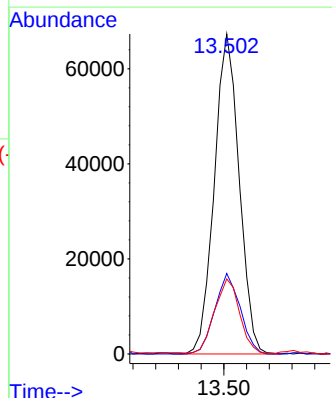
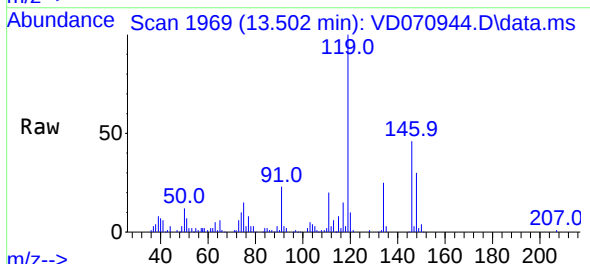
APPROVED

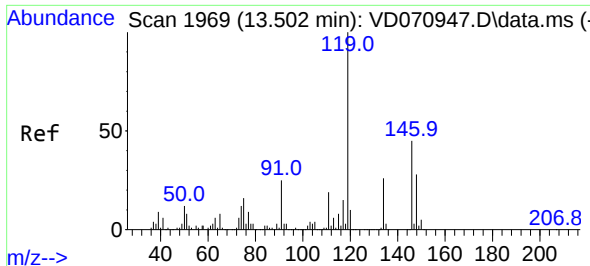
Reviewed By :Vimala Arumugam 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021



#86
 p-Isopropyltoluene
 Concen: 5.532 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD070944.D
 Acq: 09 Nov 2021 10:04

Tgt Ion:119 Resp: 102237
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 23.8 11.4 34.2





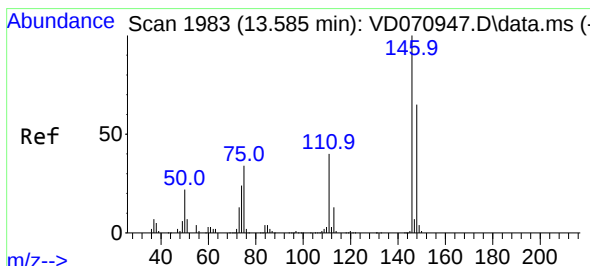
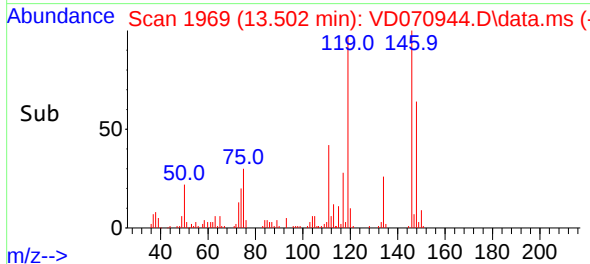
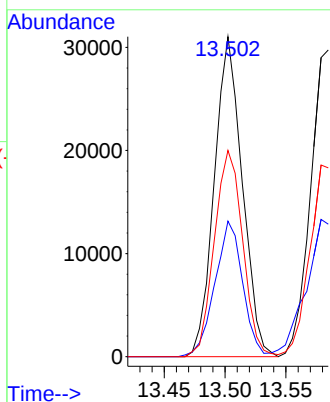
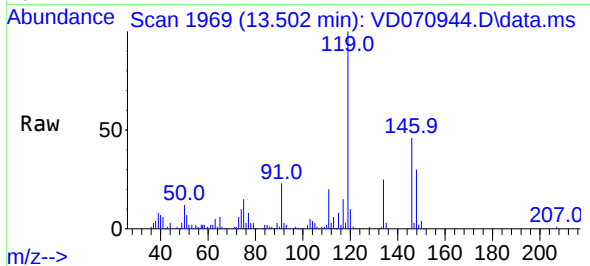
#87
1,3-Dichlorobenzene
Concen: 5.495 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 49548
Ion Ratio Lower Upper
146 100
111 42.3 19.8 59.4
148 65.6 32.1 96.3

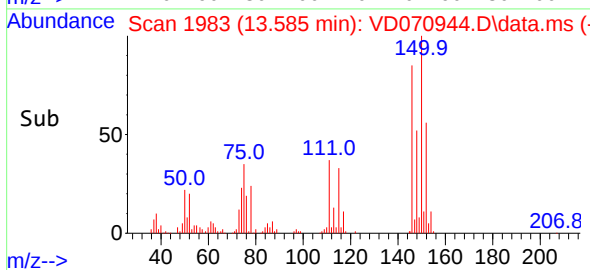
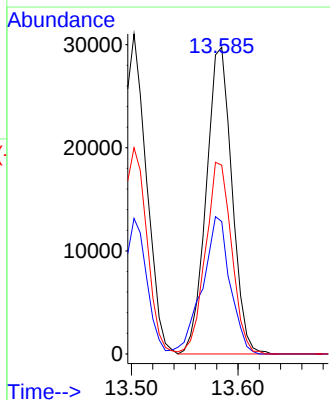
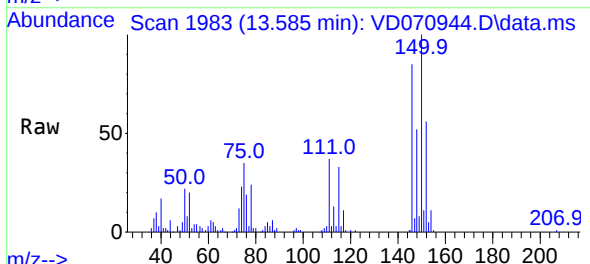
Manual Integrations
APPROVED

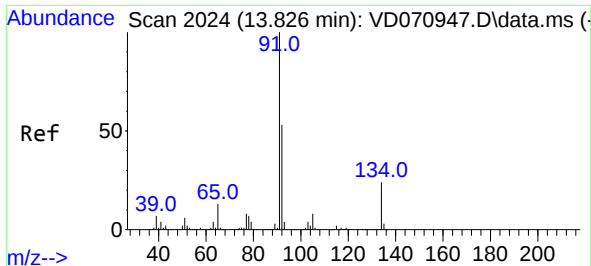
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#88
1,4-Dichlorobenzene
Concen: 5.532 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Tgt Ion:146 Resp: 49945
Ion Ratio Lower Upper
146 100
111 48.4 19.6 58.8
148 63.6 31.5 94.5





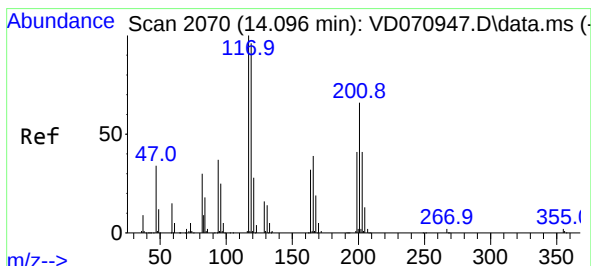
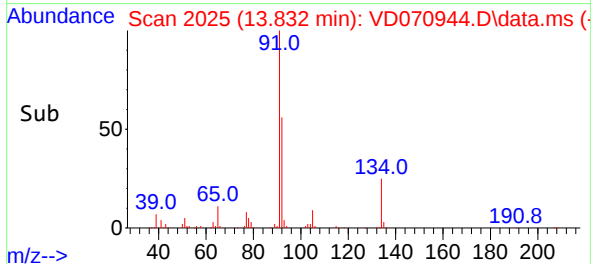
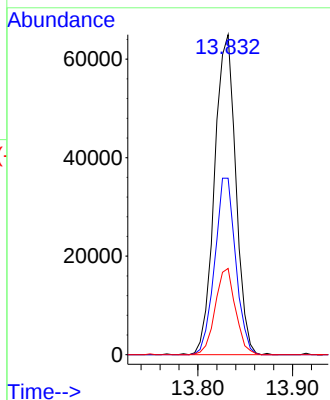
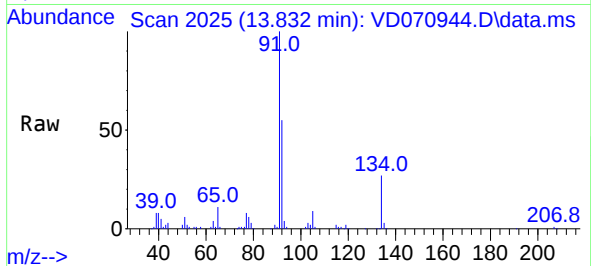
#89
n-Butylbenzene
Concen: 5.450 ug/l
RT: 13.832 min Scan# 2024
Delta R.T. 0.006 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 101215
Ion Ratio Lower Upper
91 100
92 54.5 27.3 81.9
134 25.7 12.3 36.9

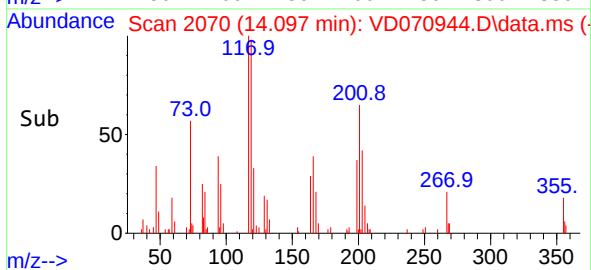
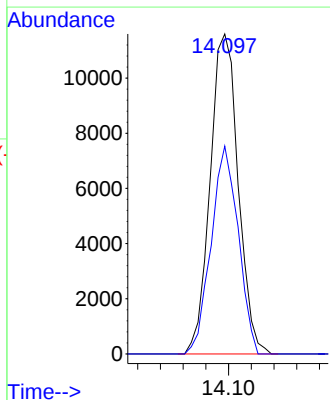
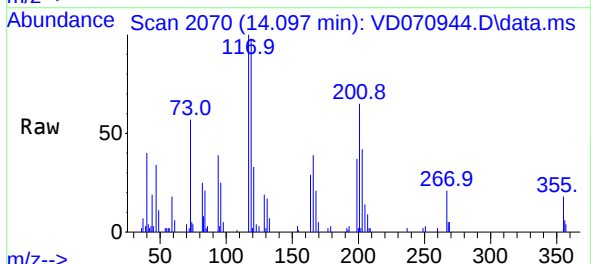
Manual Integrations
APPROVED

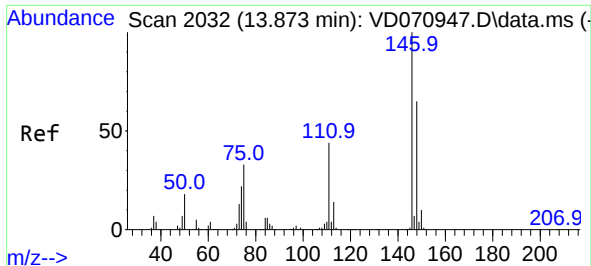
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#90
Hexachloroethane
Concen: 5.438 ug/l
RT: 14.097 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Tgt Ion:117 Resp: 19886
Ion Ratio Lower Upper
117 100
201 62.7 36.0 108.1





#91
1,2-Dichlorobenzene
Concen: 5.412 ug/l
RT: 13.879 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Instrument :

MSVOA_D

ClientSampleId :

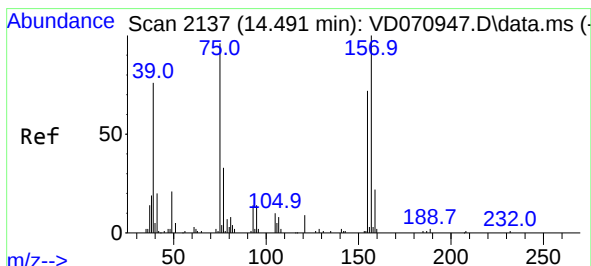
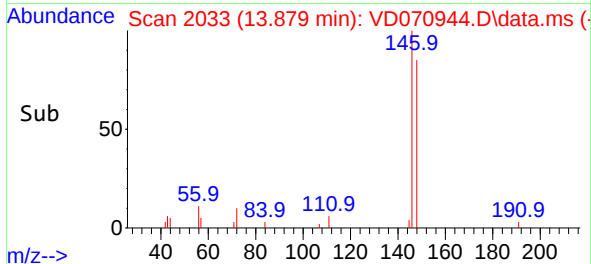
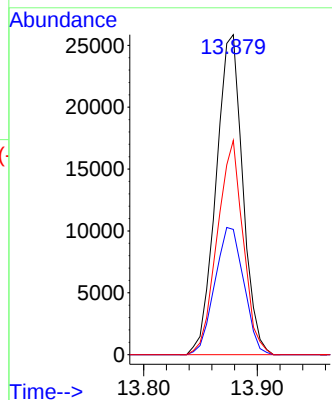
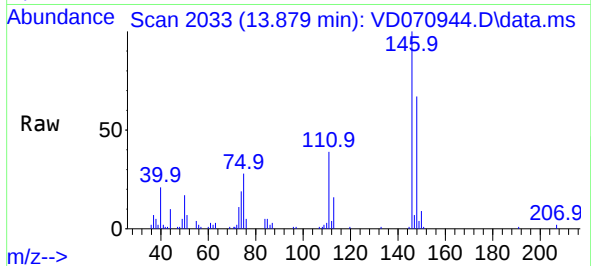
VSTDIC005

Tgt Ion:146 Resp: 4228
Ion Ratio Lower Upper
146 100
111 43.2 20.8 62.2
148 65.0 31.7 95.1

Manual Integrations

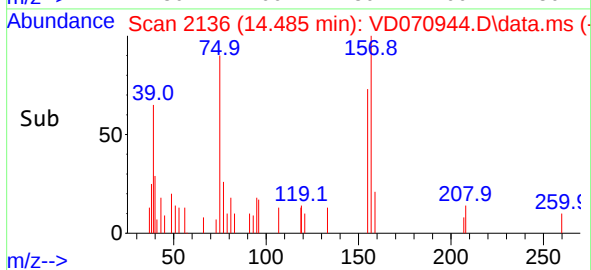
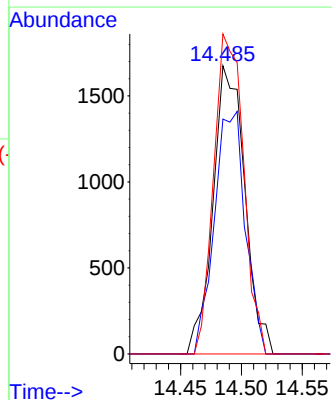
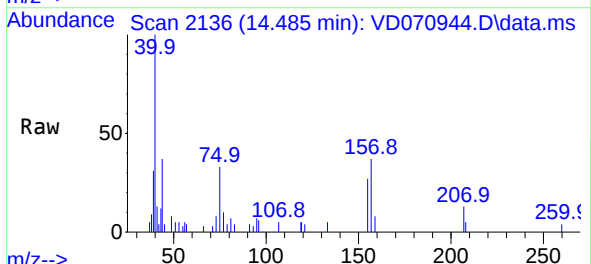
APPROVED

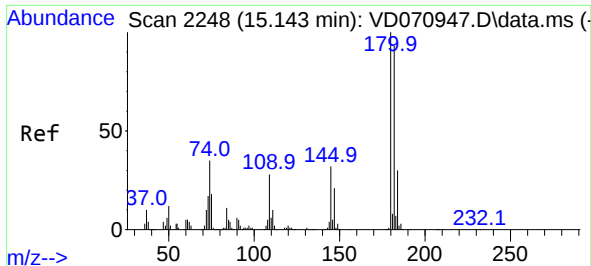
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.987 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Tgt Ion: 75 Resp: 3039
Ion Ratio Lower Upper
75 100
155 82.2 40.0 120.0
157 104.2 49.8 149.3





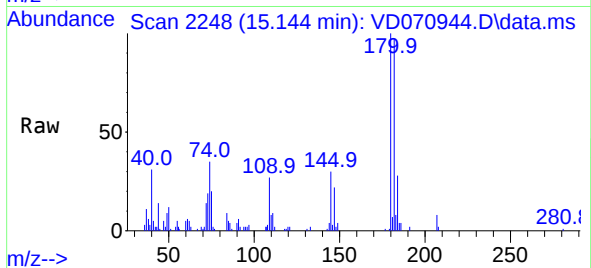
#93
1,2,4-Trichlorobenzene
Concen: 5.578 ug/l
RT: 15.144 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

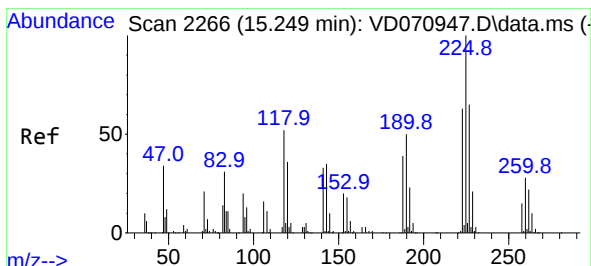
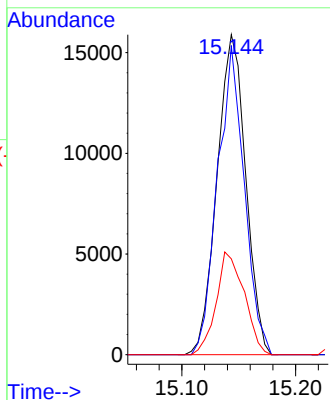
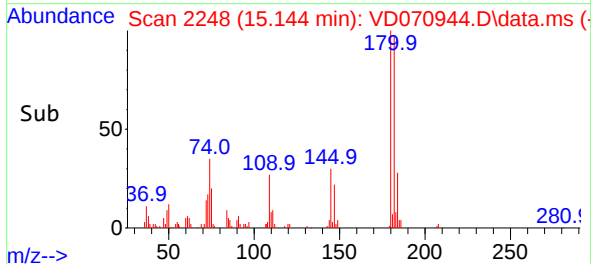


Tgt Ion:180 Resp: 2788
Ion Ratio Lower Upper
180 100
182 90.2 48.2 144.6
145 31.3 15.4 46.2

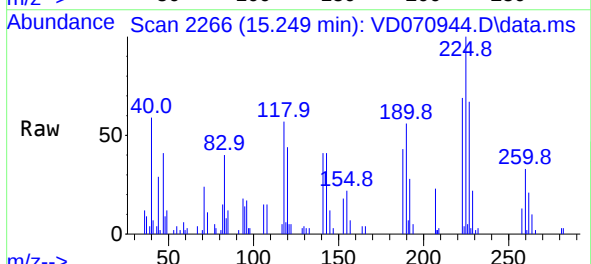
Manual Integrations

APPROVED

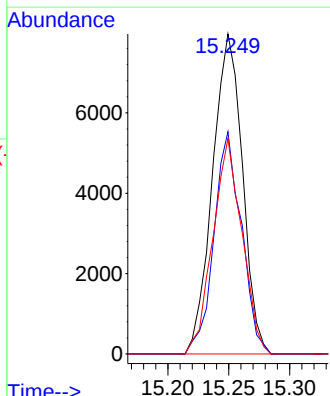
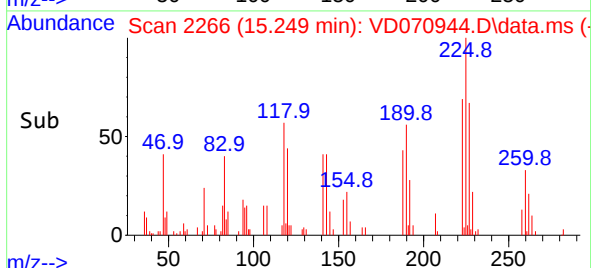
Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

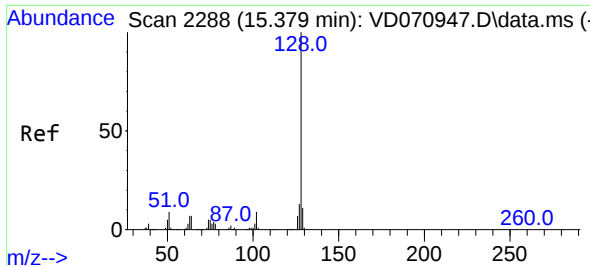


#94
Hexachlorobutadiene
Concen: 5.400 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04



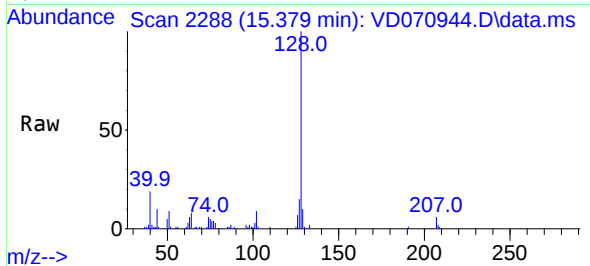
Tgt Ion:225 Resp: 13614
Ion Ratio Lower Upper
225 100
223 63.9 31.8 95.3
227 65.3 31.6 94.8





#95
Naphthalene
Concen: 5.303 ug/l
RT: 15.379 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04

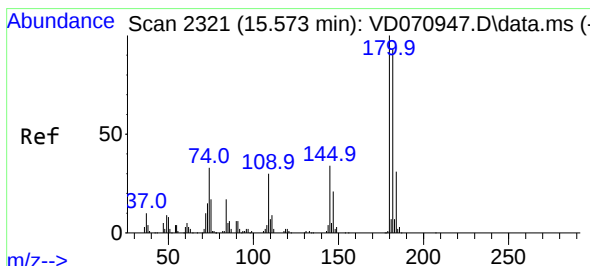
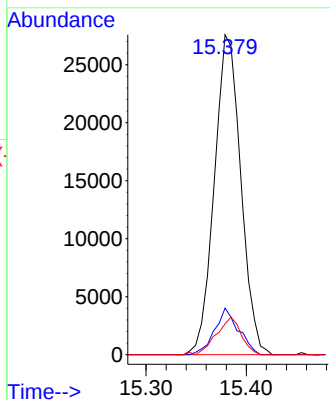
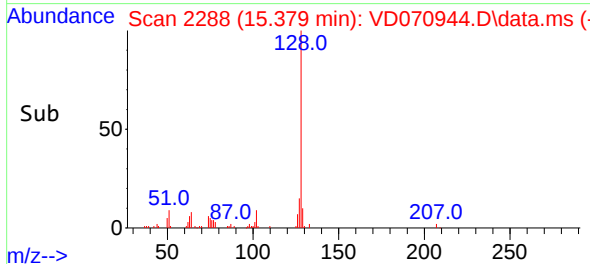
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



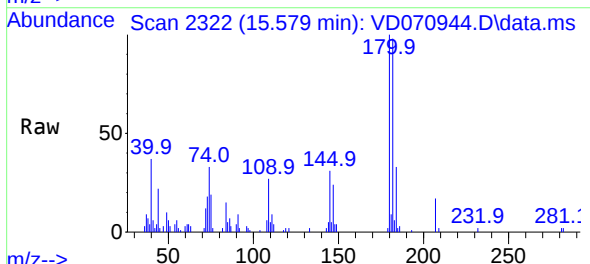
Tgt Ion:128 Resp: 50620
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#96
1,2,3-Trichlorobenzene
Concen: 5.228 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VD070944.D
Acq: 09 Nov 2021 10:04



Tgt Ion:180 Resp: 21976
Ion Ratio Lower Upper
180 100
182 98.7 46.7 140.1
145 36.9 15.9 47.6

