

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102621\
 Data File : VD070839.D
 Acq On : 26 Oct 2021 14:41
 Operator : VA/SY
 Sample : VD1026SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1026SBS01

Quant Time: Oct 27 05:39:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	442100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	709490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	669202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	336708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	224009	50.380	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.760%			
35) Dibromofluoromethane	7.909	113	237055	50.674	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.340%			
50) Toluene-d8	10.332	98	929752	52.828	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.660%			
62) 4-Bromofluorobenzene	12.620	95	305595	52.626	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	80133	19.544	ug/l	96
3) Chloromethane	2.209	50	117680	20.279	ug/l	99
4) Vinyl Chloride	2.344	62	125976	19.624	ug/l	96
5) Bromomethane	2.750	94	92901	20.667	ug/l	99
6) Chloroethane	2.909	64	74876	18.879	ug/l	89
7) Trichlorofluoromethane	3.274	101	154476	19.538	ug/l	98
8) Diethyl Ether	3.709	74	45196	20.632	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.091	101	102603	20.134	ug/l	98
10) Methyl Iodide	4.297	142	74979	16.598	ug/l	99
11) Tert butyl alcohol	5.215	59	26082	110.371	ug/l #	89
12) 1,1-Dichloroethene	4.062	96	93133	20.878	ug/l	95
13) Acrolein	3.921	56	20400	96.265	ug/l	95
14) Allyl chloride	4.709	41	143663	20.558	ug/l	99
15) Acrylonitrile	5.415	53	105650	100.689	ug/l	97
16) Acetone	4.156	43	90706	87.684	ug/l	92
17) Carbon Disulfide	4.403	76	296261	18.787	ug/l	98
18) Methyl Acetate	4.715	43	73118	20.618	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	190574	20.537	ug/l	99
20) Methylene Chloride	4.962	84	136413	20.622	ug/l	94
21) trans-1,2-Dichloroethene	5.462	96	103891	19.653	ug/l	99
22) Diisopropyl ether	6.356	45	308423	21.283	ug/l	97
23) Vinyl Acetate	6.303	43	675432	101.371	ug/l	97
24) 1,1-Dichloroethane	6.262	63	199340	20.409	ug/l	99
25) 2-Butanone	7.209	43	127627	100.238	ug/l	96
26) 2,2-Dichloropropane	7.203	77	158972	20.400	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	113679	20.067	ug/l	98
28) Bromochloromethane	7.544	49	75373	19.680	ug/l	100
29) Tetrahydrofuran	7.562	42	79127	102.867	ug/l	98
30) Chloroform	7.709	83	193211	19.709	ug/l	96
31) Cyclohexane	7.979	56	179422	19.803	ug/l	92
32) 1,1,1-Trichloroethane	7.903	97	168335	20.106	ug/l	99
36) 1,1-Dichloropropene	8.109	75	150715	20.303	ug/l	99
37) Ethyl Acetate	7.291	43	56118	20.333	ug/l	99
38) Carbon Tetrachloride	8.091	117	147430	19.750	ug/l	99
39) Methylcyclohexane	9.356	83	166814	19.529	ug/l	97
40) Benzene	8.344	78	434897	20.151	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	30687	21.019	ug/l #	77
42) 1,2-Dichloroethane	8.420	62	111805	20.347	ug/l	99
43) Isopropyl Acetate	8.450	43	106825	20.822	ug/l	97
44) Trichloroethene	9.108	130	112678	20.208	ug/l	94
45) 1,2-Dichloropropane	9.385	63	112552	19.671	ug/l	98
46) Dibromomethane	9.473	93	53892	19.211	ug/l	96
47) Bromodichloromethane	9.656	83	146413	20.190	ug/l	99
48) Methyl methacrylate	9.456	41	45249	18.459	ug/l #	82
49) 1,4-Dioxane	9.456	88	13004	434.339	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	285088	105.972	ug/l	97
52) Toluene	10.397	92	271767	20.953	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	129667	20.516	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	158129	20.264	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	79346	19.944	ug/l	99
56) Ethyl methacrylate	10.655	69	87939	19.857	ug/l	99
57) 1,3-Dichloropropane	10.938	76	136920	20.425	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.938	63	197733	104.545	ug/l	99
59) 2-Hexanone	10.979	43	193488	100.751	ug/l	99
60) Dibromochloromethane	11.138	129	96830	20.284	ug/l	98
61) 1,2-Dibromoethane	11.238	107	73694	20.067	ug/l	99
64) Tetrachloroethene	10.867	164	94184	20.513	ug/l	97
65) Chlorobenzene	11.661	112	284150	20.696	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	101888	20.005	ug/l	96
67) Ethyl Benzene	11.738	91	488478	20.431	ug/l	99
68) m/p-Xylenes	11.844	106	393411	42.260	ug/l	100
69) o-Xylene	12.173	106	170927	20.273	ug/l	98
70) Styrene	12.185	104	306336	20.978	ug/l	100
71) Bromoform	12.350	173	55324	20.555	ug/l #	98
73) Isopropylbenzene	12.473	105	462549	20.596	ug/l	100
74) N-amyl acetate	12.279	43	102817	20.816	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	89988	19.636	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	58794m	17.738	ug/l	
77) Bromobenzene	12.749	156	112040	20.475	ug/l	99
78) n-propylbenzene	12.808	91	611440	21.211	ug/l	99
79) 2-Chlorotoluene	12.897	91	344615	20.589	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	399036	20.935	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	25084	19.863	ug/l	98
82) 4-Chlorotoluene	12.997	91	369565	21.246	ug/l	99
83) tert-Butylbenzene	13.214	119	331299	20.844	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	399510	21.259	ug/l	96
85) sec-Butylbenzene	13.391	105	524376	20.918	ug/l	99
86) p-Isopropyltoluene	13.502	119	426443	21.145	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	230251	20.377	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	230559	20.574	ug/l	100
89) n-Butylbenzene	13.832	91	404539	20.472	ug/l	99
90) Hexachloroethane	14.096	117	86640	19.144	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	192258	19.939	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.485	75	13726	20.558	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	115839	20.791	ug/l	97
94) Hexachlorobutadiene	15.249	225	76993	20.974	ug/l	98
95) Naphthalene	15.385	128	183473	20.043	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	99060	20.461	ug/l	97

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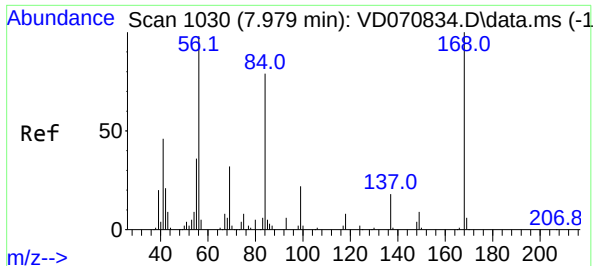
Manual Integrations
APPROVED

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 Supervised By :Mahesh Dadoda 10/27/2021

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed



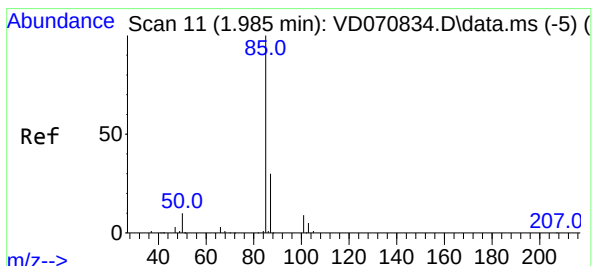
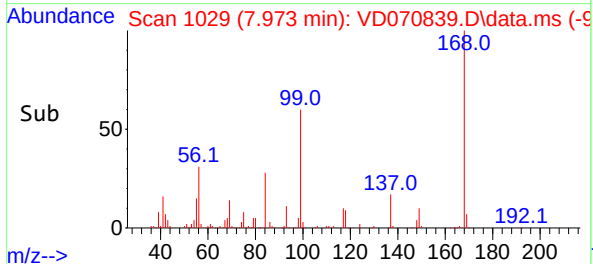
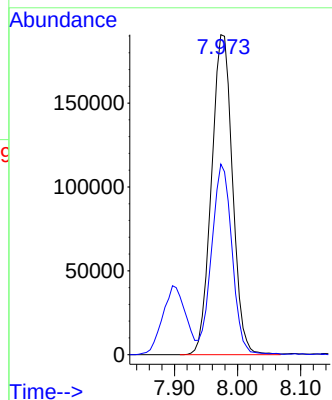
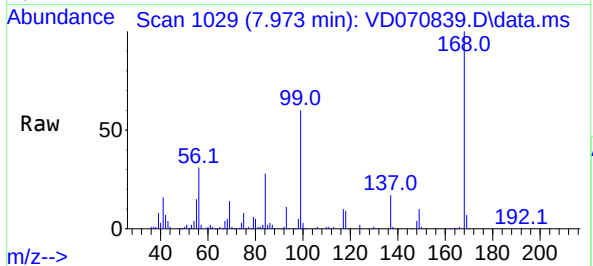
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01

Tgt Ion:168 Resp: 442100
Ion Ratio Lower Upper
168 100
99 59.3 46.6 69.8

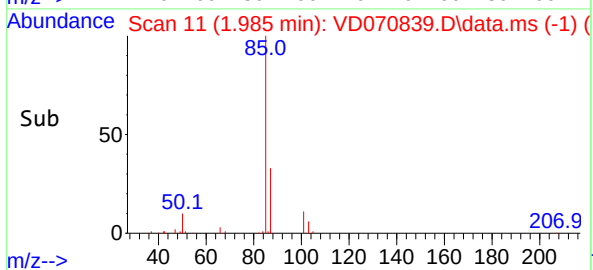
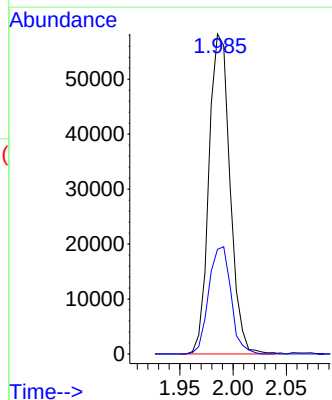
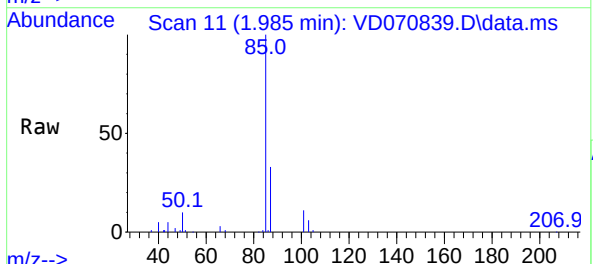
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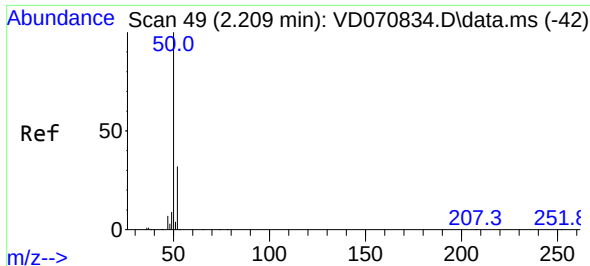
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#2
Dichlorodifluoromethane
Concen: 19.544 ug/l
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

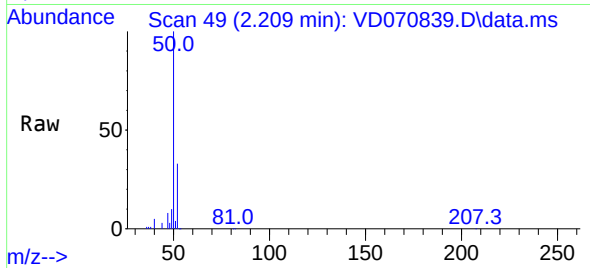
Tgt Ion: 85 Resp: 80133
Ion Ratio Lower Upper
85 100
87 32.7 15.2 45.6





#3
Chloromethane
Concen: 20.279 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

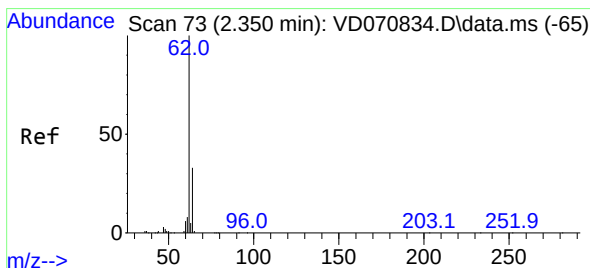
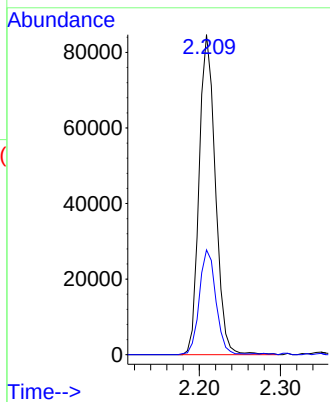
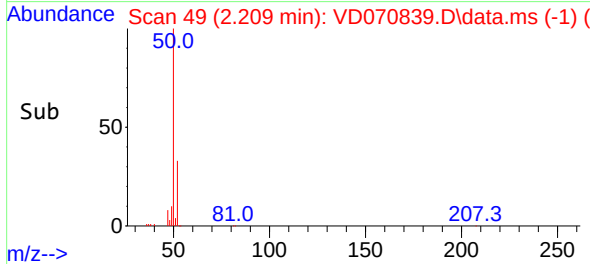
Instrument :
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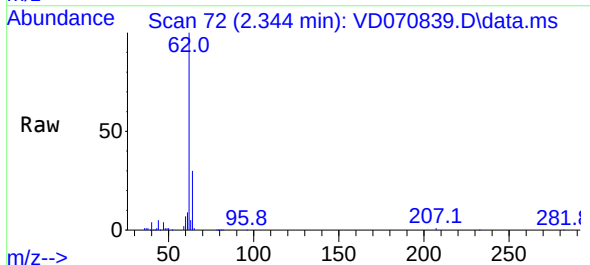
Tgt Ion: 50 Resp: 117680
Ion Ratio Lower Upper
50 100
52 32.7 25.8 38.8

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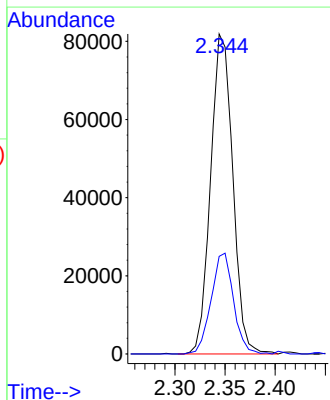
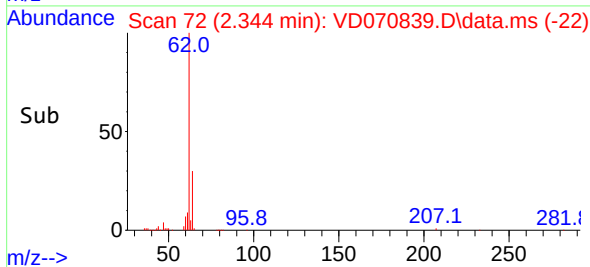
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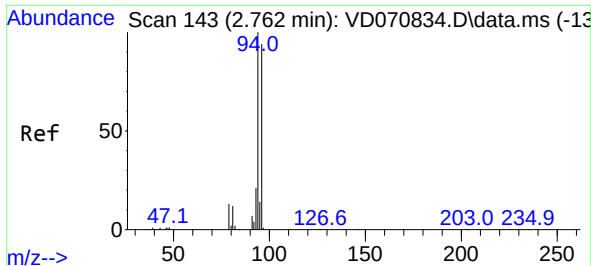


#4
Vinyl Chloride
Concen: 19.624 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41



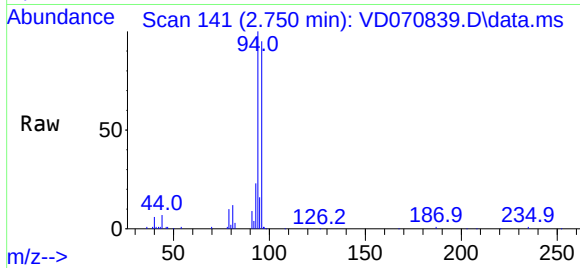
Tgt Ion: 62 Resp: 125976
Ion Ratio Lower Upper
62 100
64 30.5 26.0 39.0





#5
Bromomethane
Concen: 20.667 ug/l
RT: 2.750 min Scan# 14
Delta R.T. -0.012 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

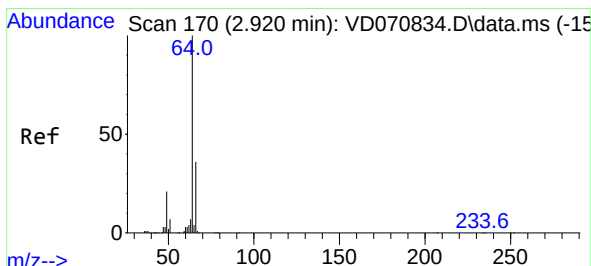
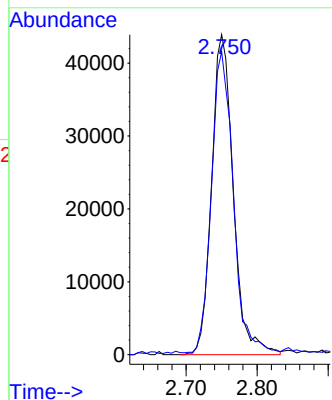
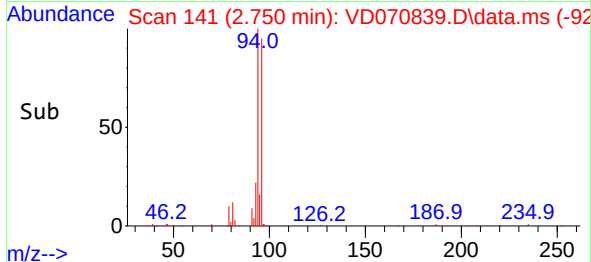
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Tgt Ion: 94 Resp: 9290
Ion Ratio Lower Upper
94 100
96 94.1 74.8 112.2

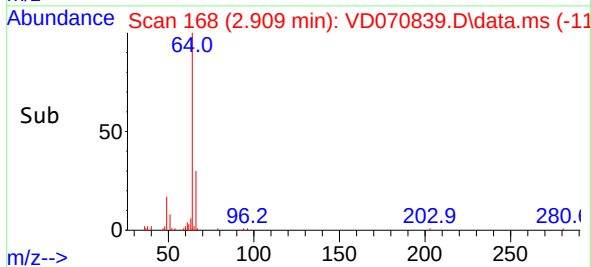
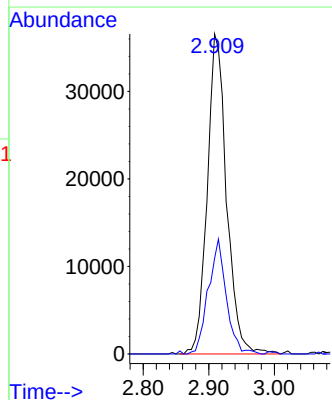
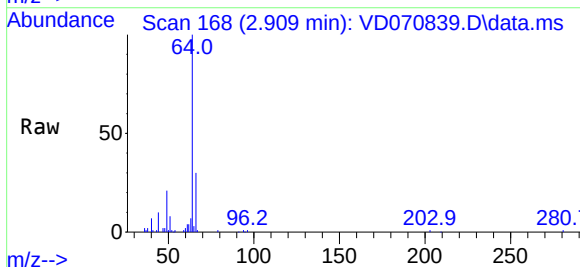
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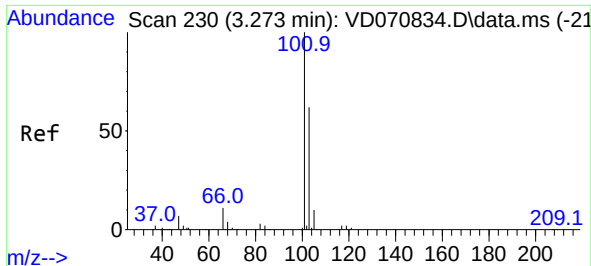
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#6
Chloroethane
Concen: 18.879 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD070839.D
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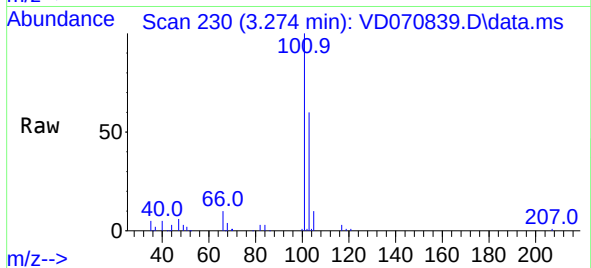
Tgt Ion: 64 Resp: 74876
Ion Ratio Lower Upper
64 100
66 29.9 29.0 43.4





#7
Trichlorofluoromethane
Concen: 19.538 ug/l
RT: 3.274 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

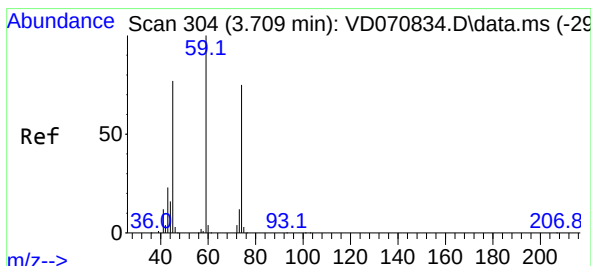
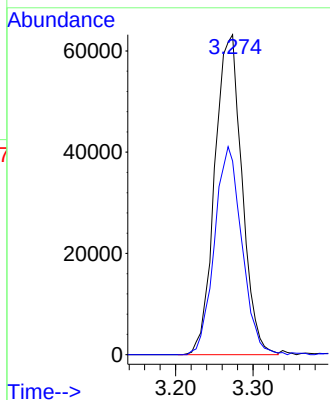
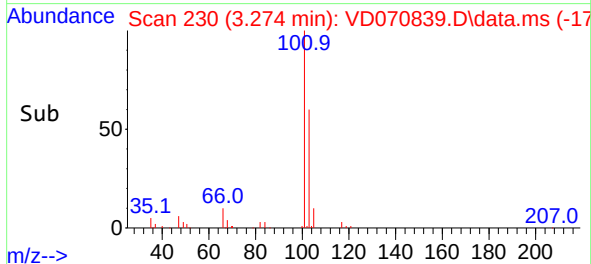
Instrument :
MSVOA_D
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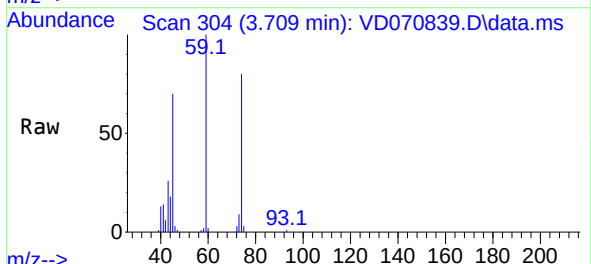
Tgt Ion:101 Resp: 154470
Ion Ratio Lower Upper
101 100
103 60.5 49.7 74.5

Manual Integrations
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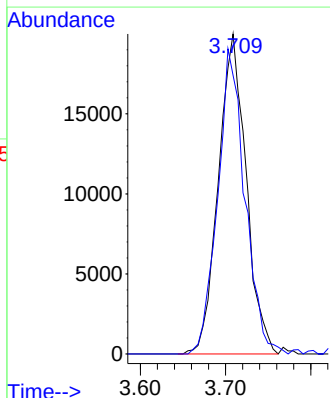
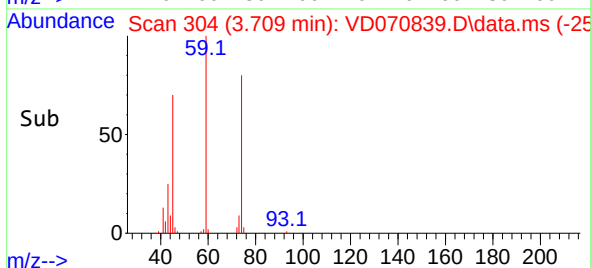
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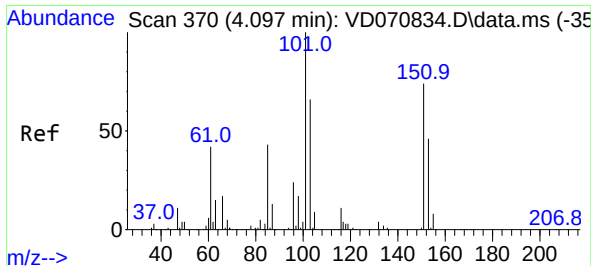


#8
Diethyl Ether
Concen: 20.632 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.000 min
Lab File: VD070839.D
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Tgt Ion: 74 Resp: 45196
Ion Ratio Lower Upper
74 100
45 93.8 49.6 149.0





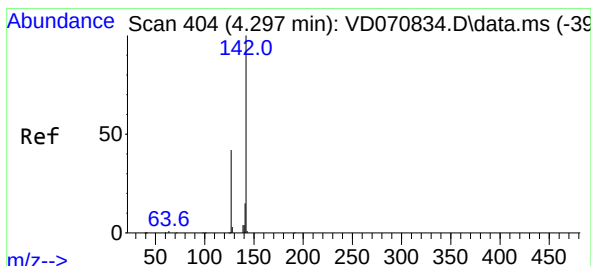
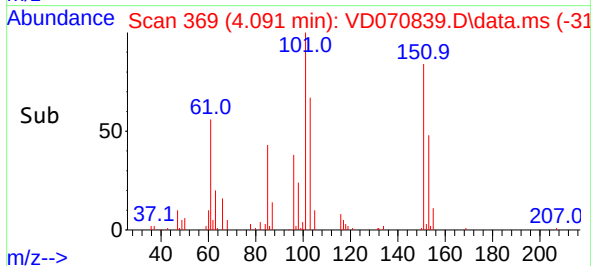
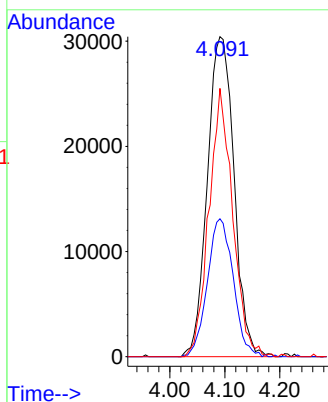
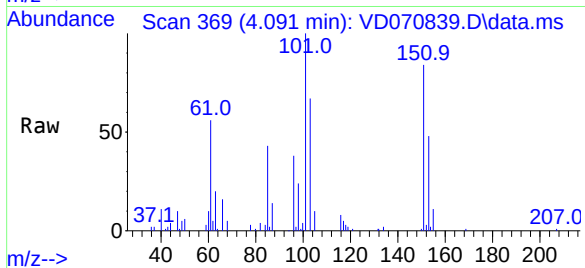
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.134 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01

Tgt Ion:101 Resp: 10260
Ion Ratio Lower Upper
101 100
85 41.8 34.8 52.2
151 74.5 60.4 90.6

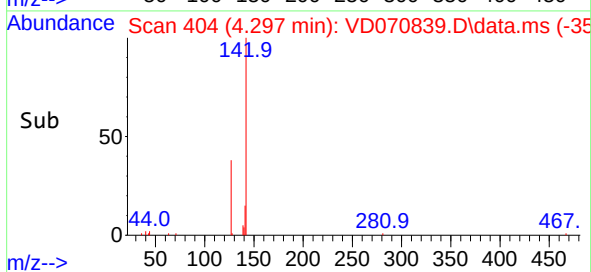
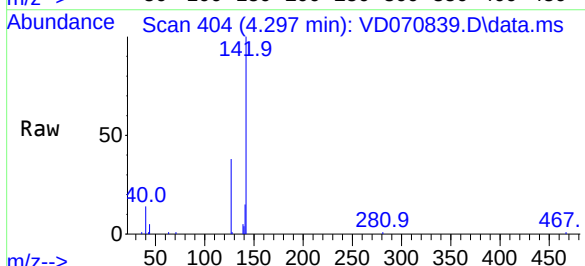
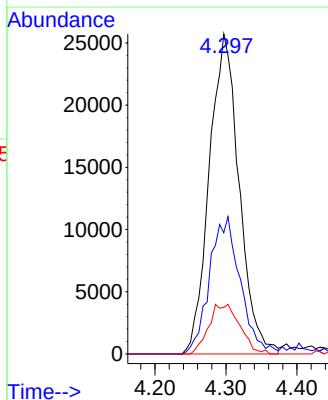
Manual Integrations
APPROVED

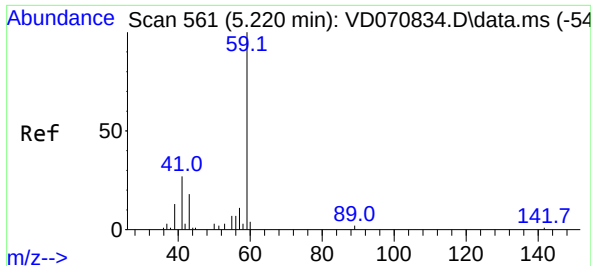
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#10
Methyl Iodide
Concen: 16.598 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

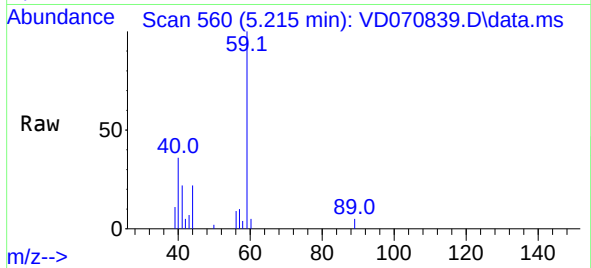
Tgt Ion:142 Resp: 74979
Ion Ratio Lower Upper
142 100
127 44.2 35.0 52.4
141 16.2 12.0 18.0





#11
Tert butyl alcohol
Concen: 110.371 ug/l
RT: 5.215 min Scan# 50
Delta R.T. -0.006 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

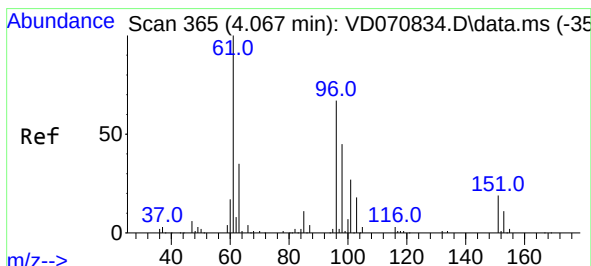
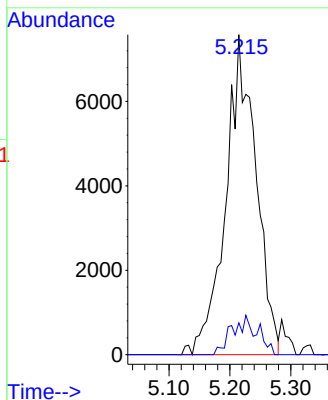
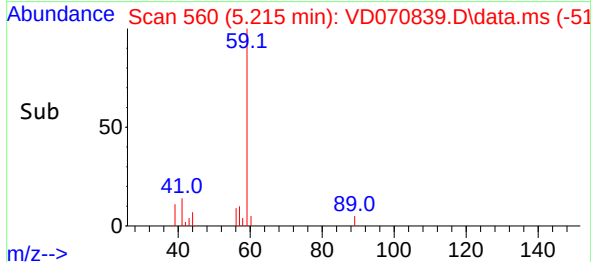
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



Tgt Ion: 59 Resp: 2608
Ion Ratio Lower Upper
59 100
57 7.2 9.0 13.4

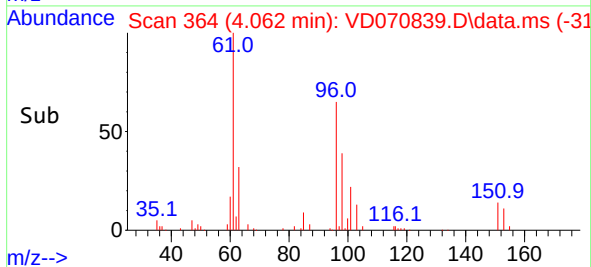
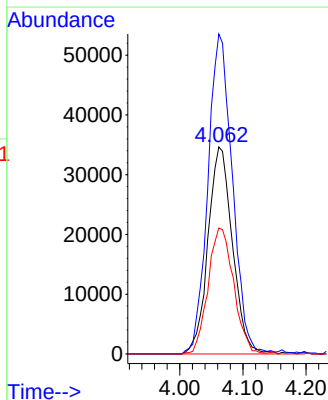
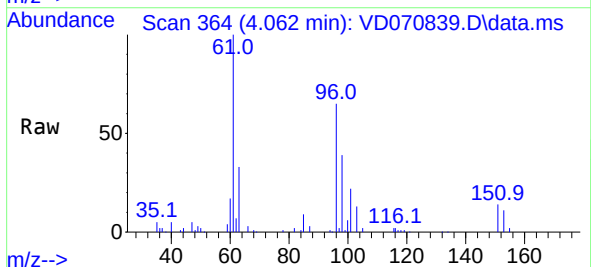
Manual Integrations
APPROVED

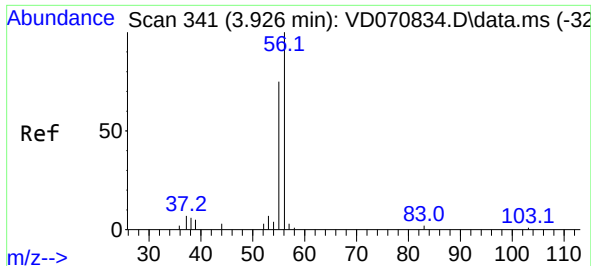
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#12
1,1-Dichloroethene
Concen: 20.878 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

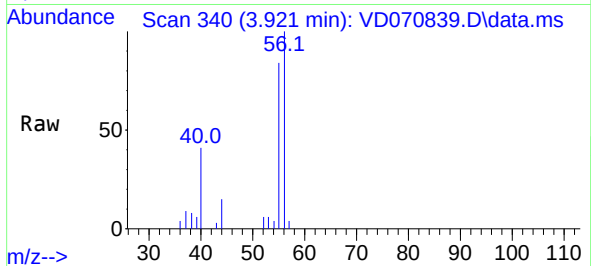
Tgt Ion: 96 Resp: 93133
Ion Ratio Lower Upper
96 100
61 154.6 120.3 180.5
98 60.9 54.4 81.6





#13
Acrolein
Concen: 96.265 ug/l
RT: 3.921 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

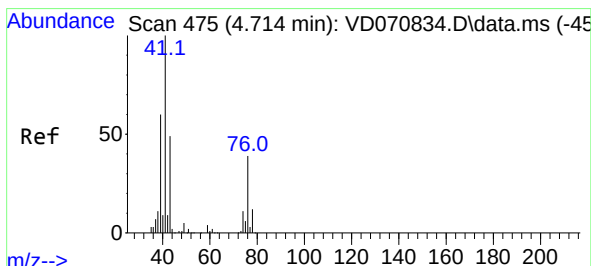
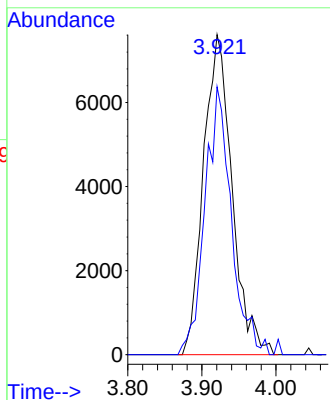
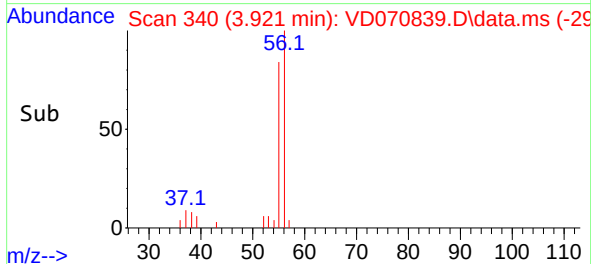
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



Tgt Ion: 56 Resp: 20400
Ion Ratio Lower Upper
56 100
55 77.2 58.6 87.8

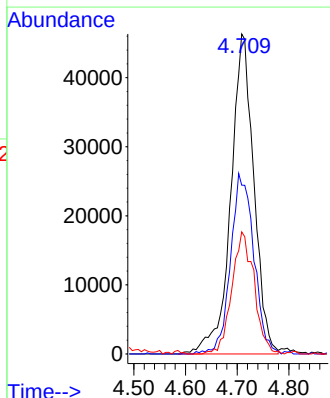
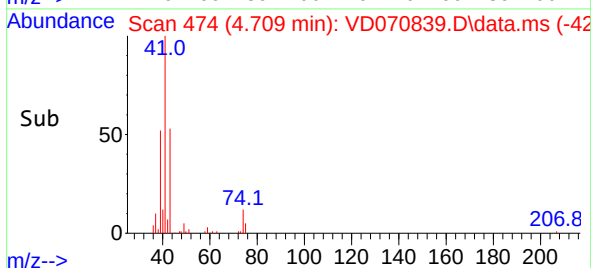
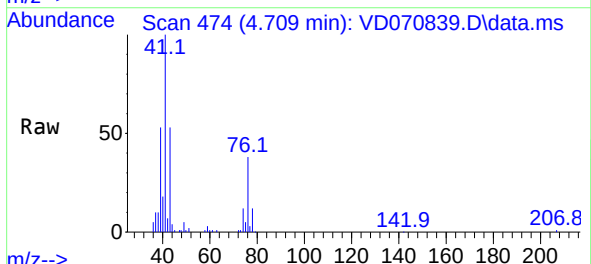
Manual Integrations
APPROVED

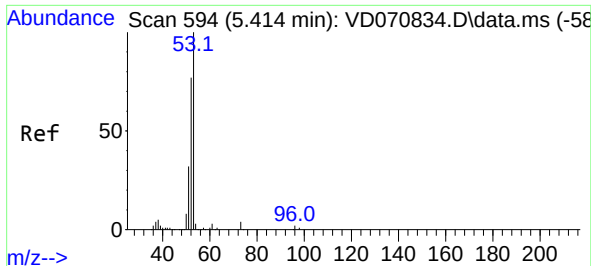
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#14
Allyl chloride
Concen: 20.558 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

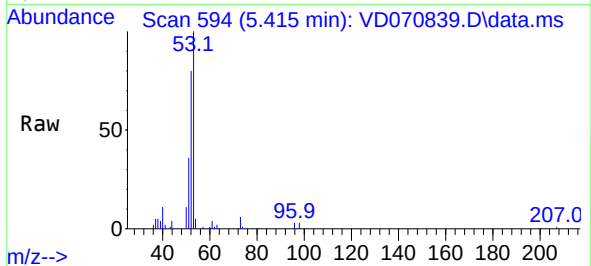
Tgt Ion: 41 Resp: 143663
Ion Ratio Lower Upper
41 100
39 56.7 45.6 68.4
76 36.9 30.2 45.4





#15
Acrylonitrile
Concen: 100.689 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

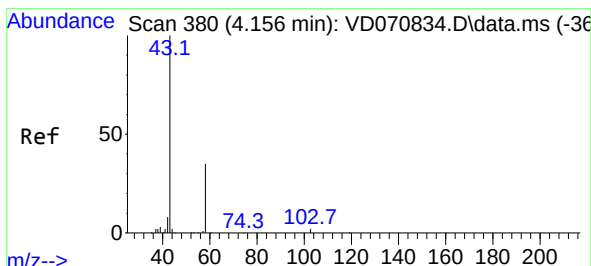
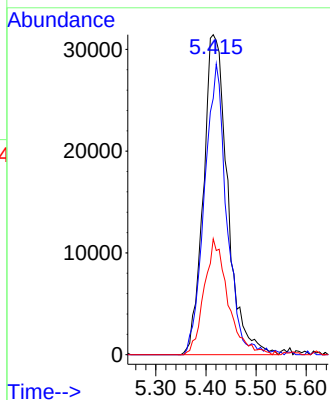
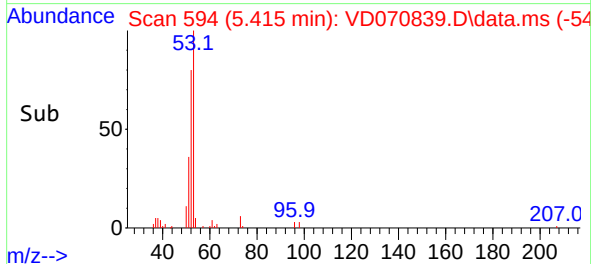
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



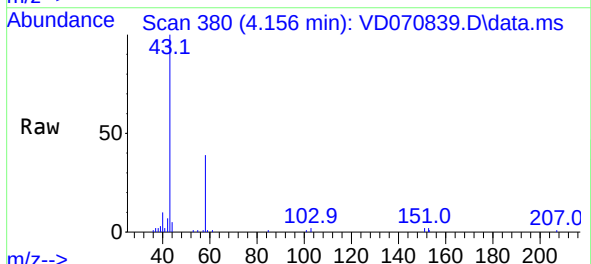
Tgt Ion: 53 Resp: 105650
Ion Ratio Lower Upper
53 100
52 83.6 63.8 95.8
51 35.6 28.5 42.7

Manual Integrations
APPROVED

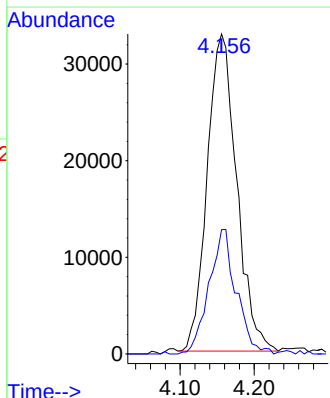
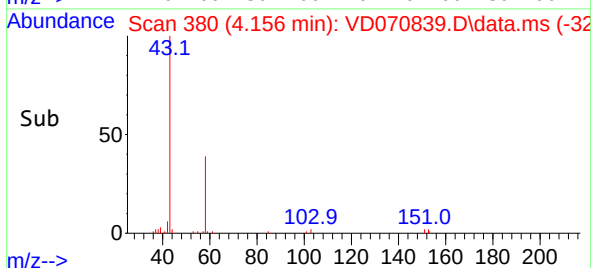
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

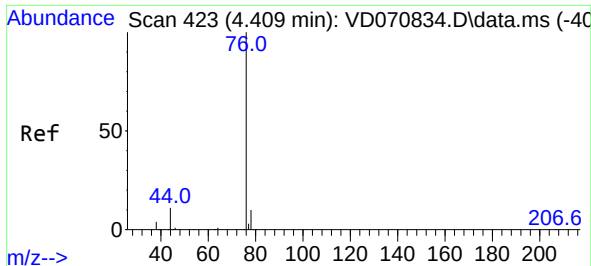


#16
Acetone
Concen: 87.684 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41



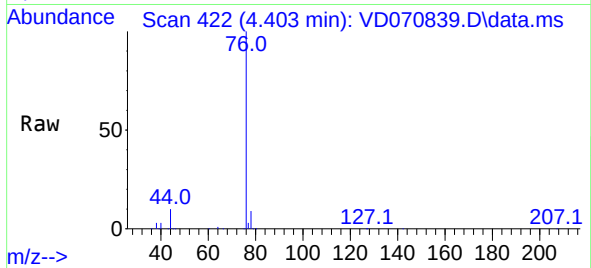
Tgt Ion: 43 Resp: 90706
Ion Ratio Lower Upper
43 100
58 39.2 27.8 41.8





#17
Carbon Disulfide
Concen: 18.787 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

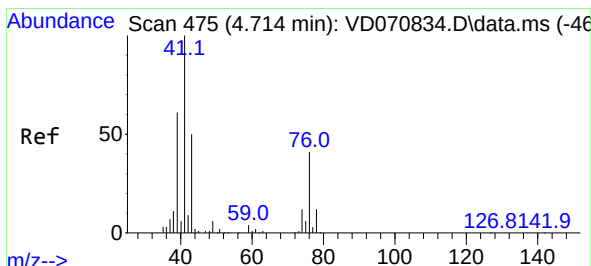
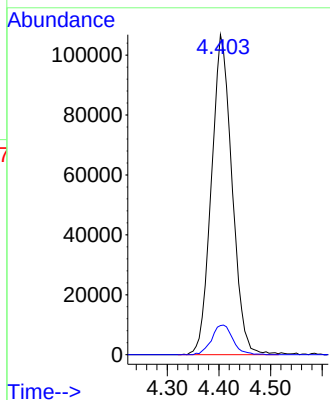
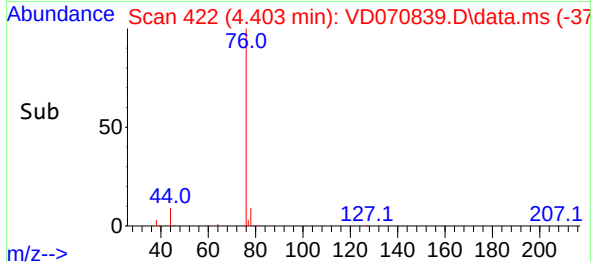
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



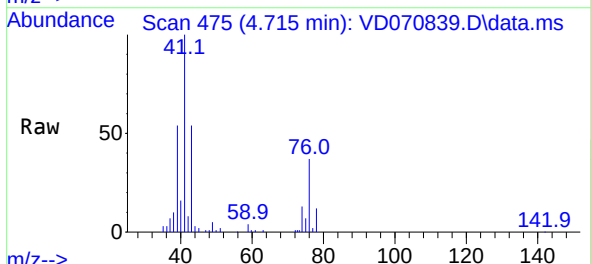
Tgt Ion: 76 Resp: 29626
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8

Manual Integrations
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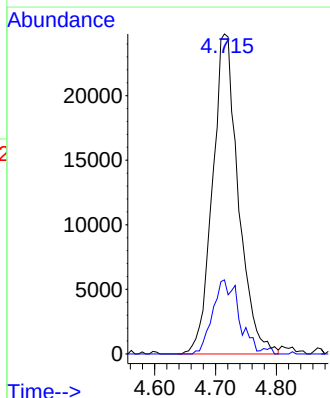
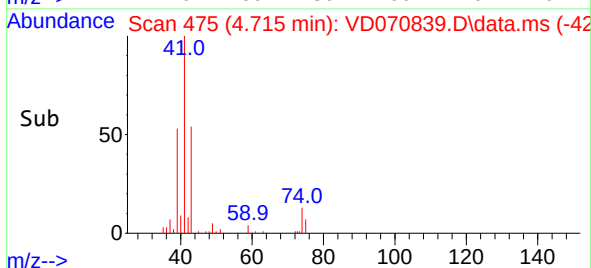
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

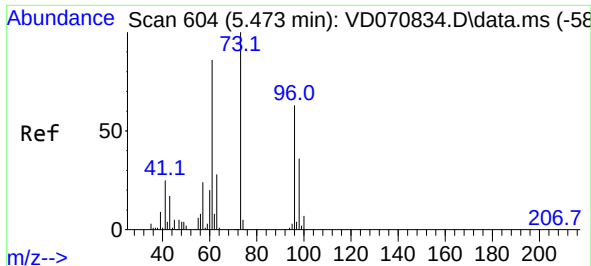


#18
Methyl Acetate
Concen: 20.618 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41



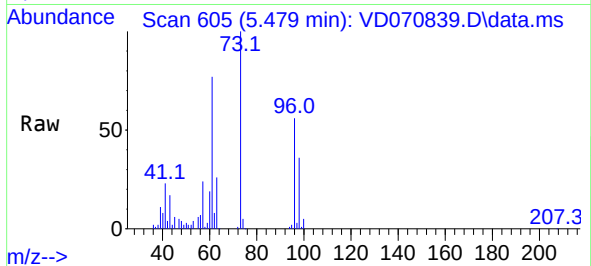
Tgt Ion: 43 Resp: 73118
Ion Ratio Lower Upper
43 100
74 23.5 19.3 28.9





#19
Methyl tert-butyl Ether
Concen: 20.537 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

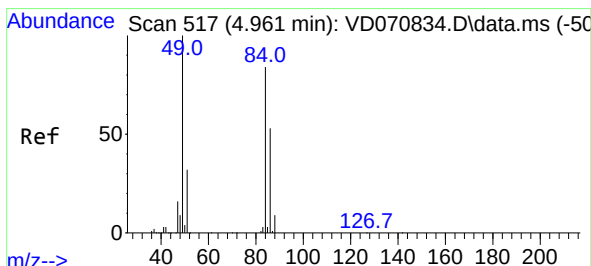
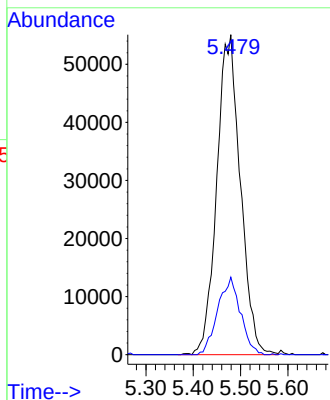
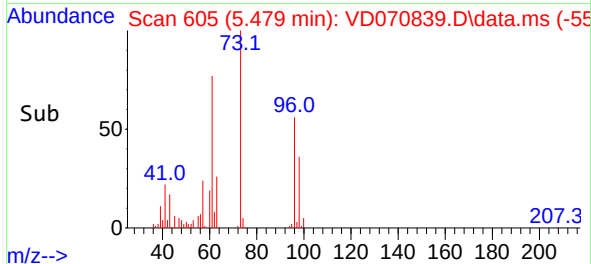
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



Tgt Ion: 73 Resp: 190574
Ion Ratio Lower Upper
73 100
57 24.2 18.9 28.3

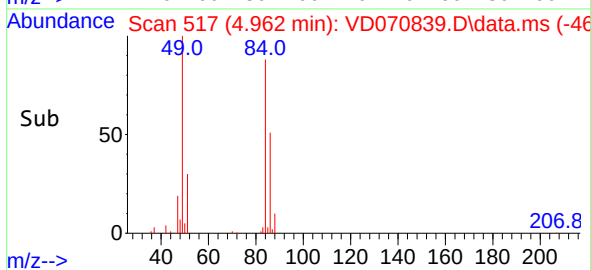
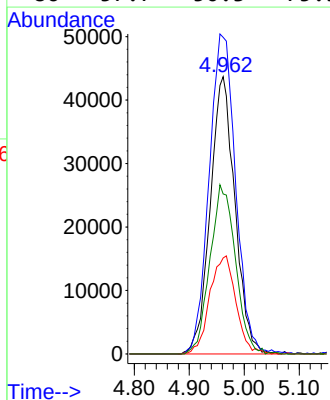
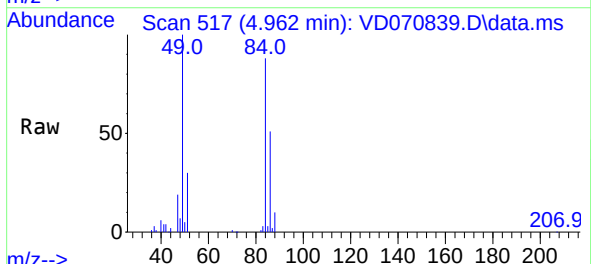
Manual Integrations
APPROVED

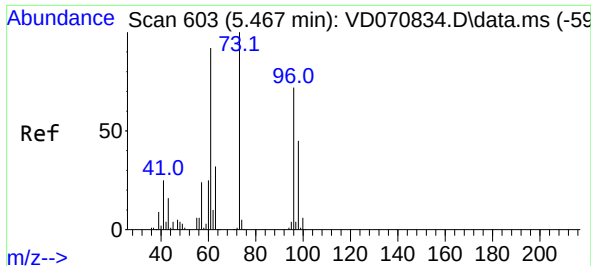
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#20
Methylene Chloride
Concen: 20.622 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.001 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

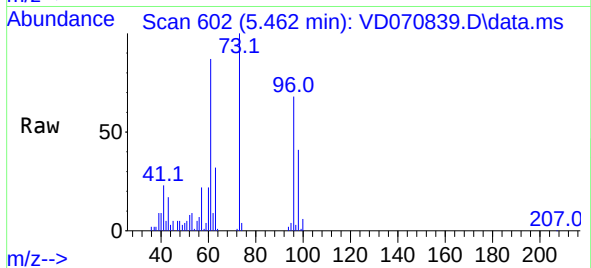
Tgt Ion: 84 Resp: 136413
Ion Ratio Lower Upper
84 100
49 114.2 95.8 143.6
51 34.6 30.9 46.3
86 57.7 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 19.653 ug/l
RT: 5.462 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

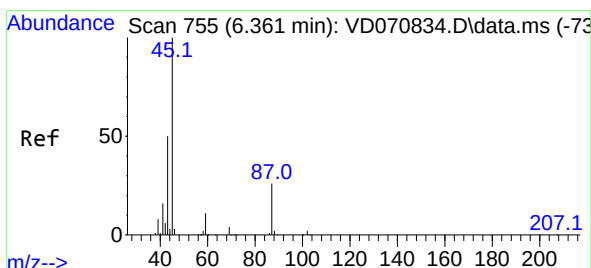
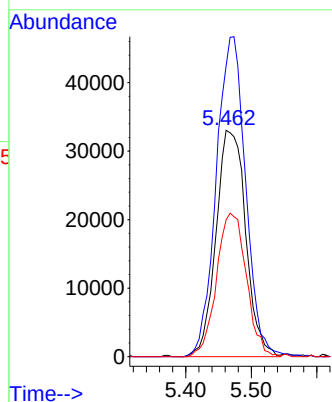
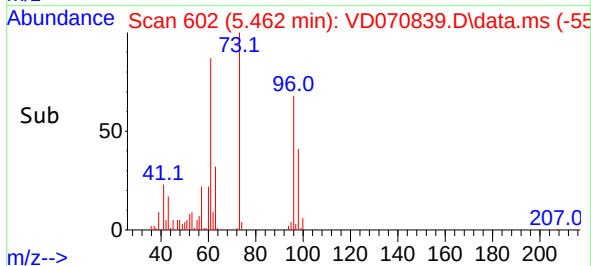
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



Tgt Ion: 96 Resp: 10389
Ion Ratio Lower Upper
96 100
61 128.5 102.1 153.1
98 60.4 50.1 75.1

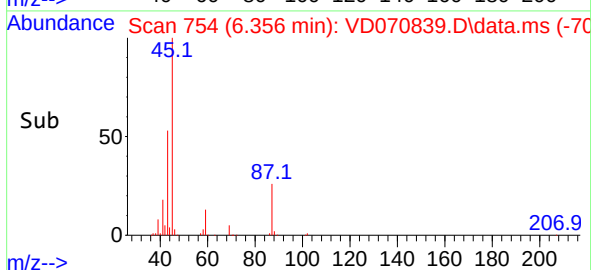
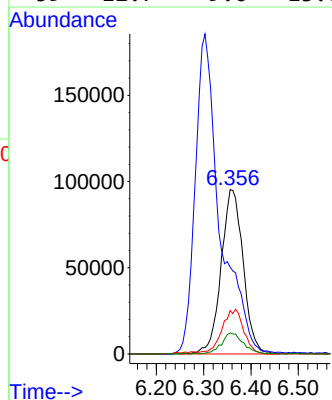
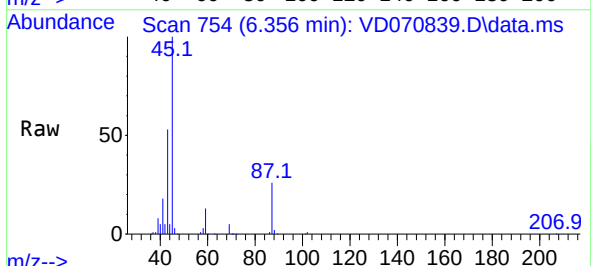
Manual Integrations
APPROVED

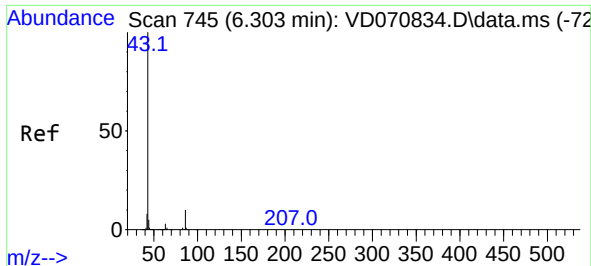
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#22
Diisopropyl ether
Concen: 21.283 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

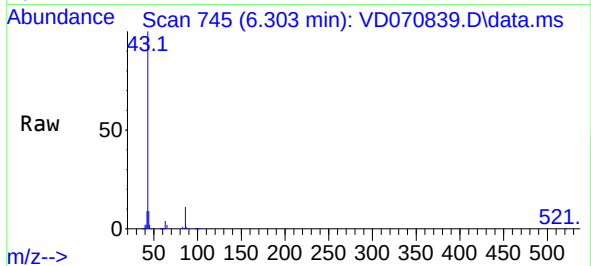
Tgt Ion: 45 Resp: 308423
Ion Ratio Lower Upper
45 100
43 51.8 39.6 59.4
87 26.1 21.2 31.8
59 12.7 9.0 13.6





#23
 Vinyl Acetate
 Concen: 101.371 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD070839.D
 Acq: 26 Oct 2021 14:41

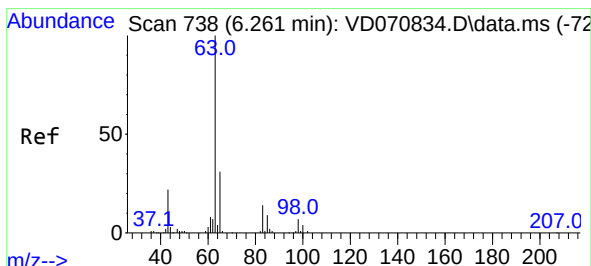
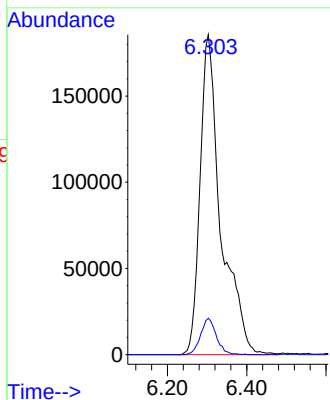
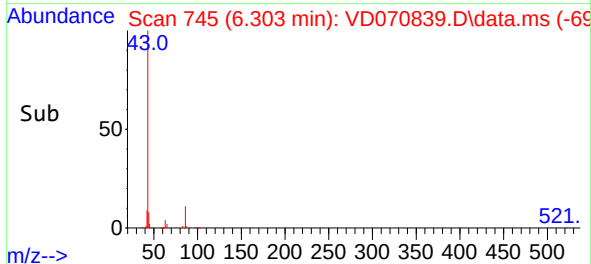
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1026SBS01



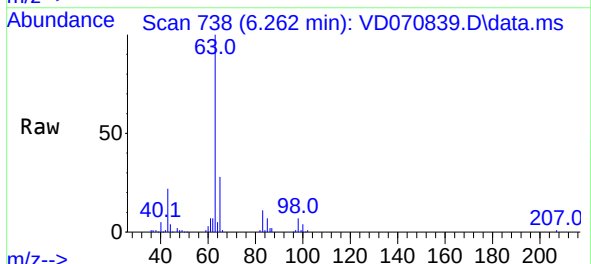
Tgt Ion: 43 Resp: 67543
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.2 12.4

Manual Integrations
 APPROVED

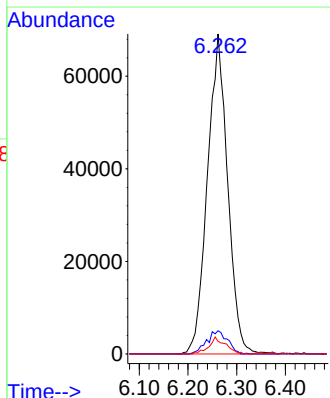
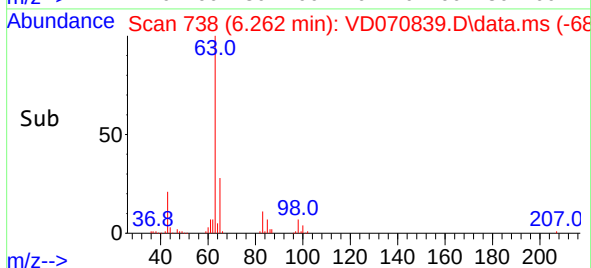
Reviewed By :Vimala Arumugam 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021

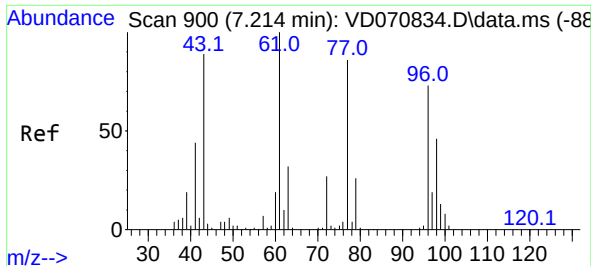


#24
 1,1-Dichloroethane
 Concen: 20.409 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD070839.D
 Acq: 26 Oct 2021 14:41



Tgt Ion: 63 Resp: 199340
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.6
 100 4.0 2.1 6.3





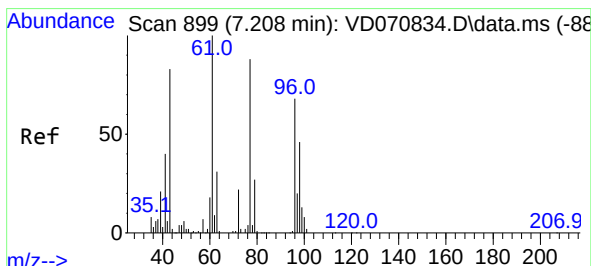
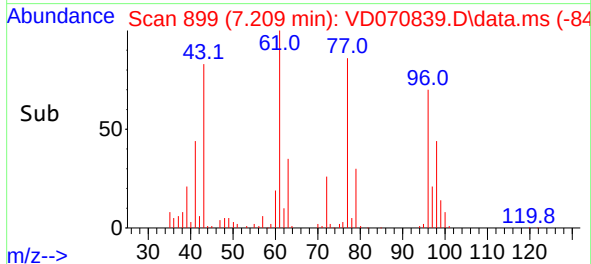
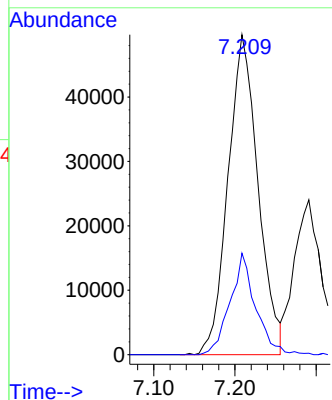
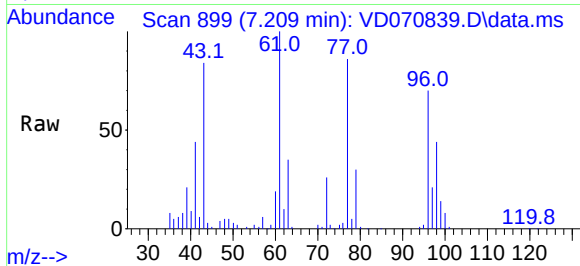
#25
2-Butanone
Concen: 100.238 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01

Tgt Ion: 43 Resp: 12762
Ion Ratio Lower Upper
43 100
72 31.7 23.8 35.6

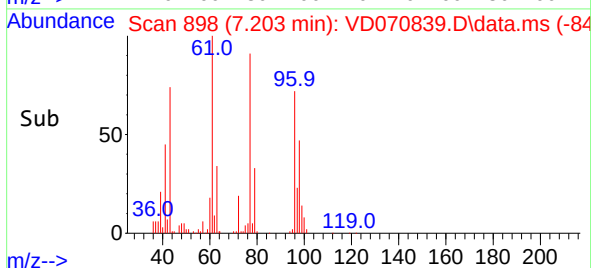
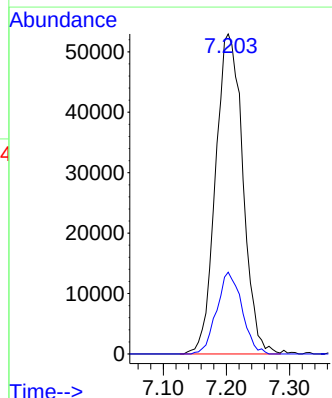
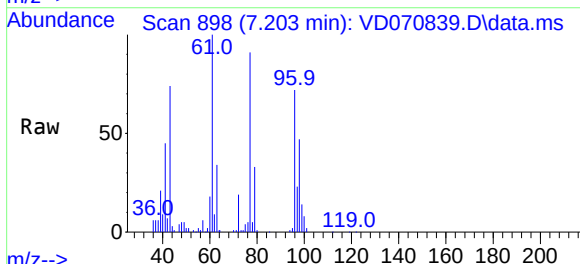
Manual Integrations
APPROVED

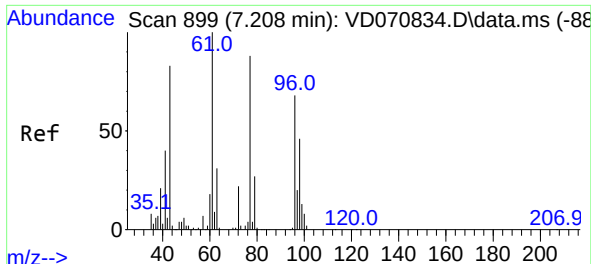
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#26
2,2-Dichloropropane
Concen: 20.400 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

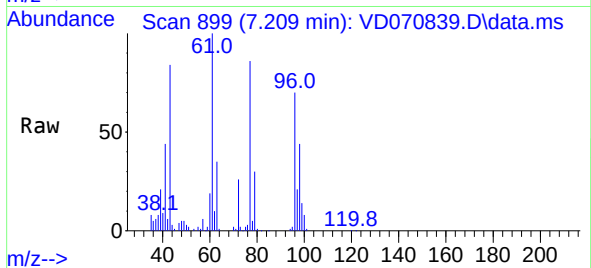
Tgt Ion: 77 Resp: 158972
Ion Ratio Lower Upper
77 100
97 23.6 11.9 35.5





#27
cis-1,2-Dichloroethene
Concen: 20.067 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

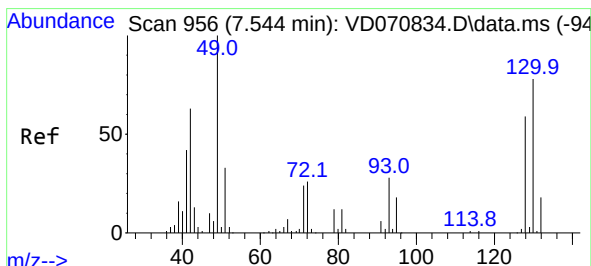
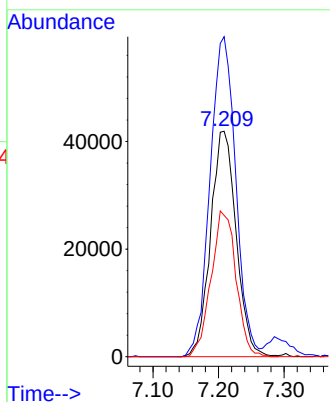
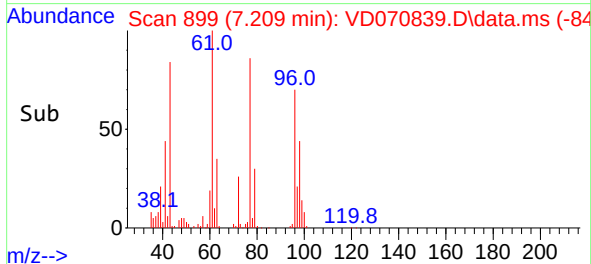
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



Tgt Ion: 96 Resp: 113679
Ion Ratio Lower Upper
96 100
61 142.2 0.0 288.6
98 63.0 0.0 129.2

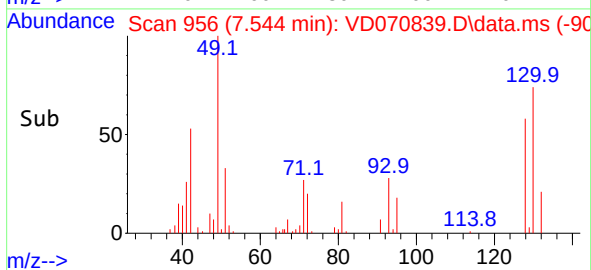
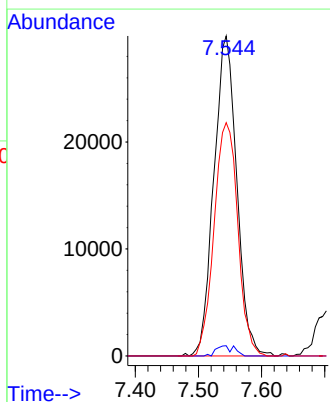
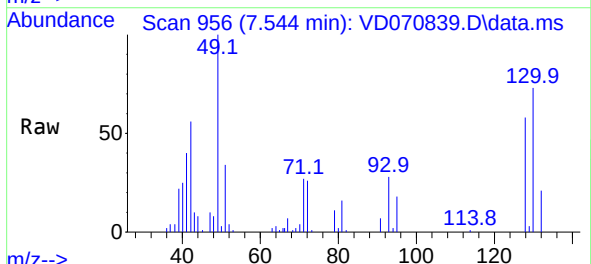
Manual Integrations APPROVED

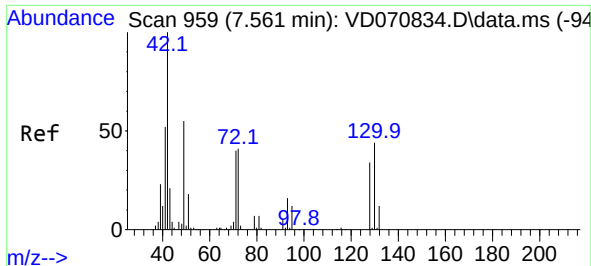
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#28
Bromochloromethane
Concen: 19.680 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

Tgt Ion: 49 Resp: 75373
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.0
130 75.3 60.2 90.2





#29

Tetrahydrofuran

Concen: 102.867 ug/l

RT: 7.562 min Scan# 912

Delta R.T. 0.000 min

Lab File: VD070839.D

Acq: 26 Oct 2021 14:41

Instrument :

MSVOA_D

ClientSampleId :

VD1026SBS01

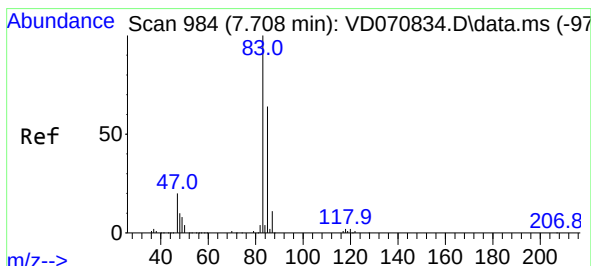
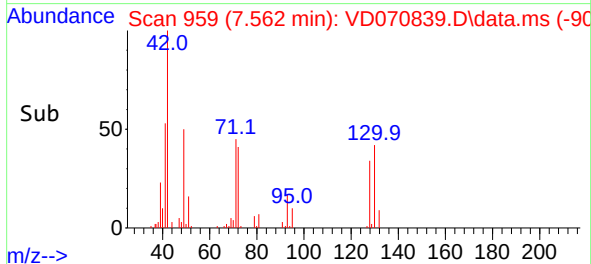
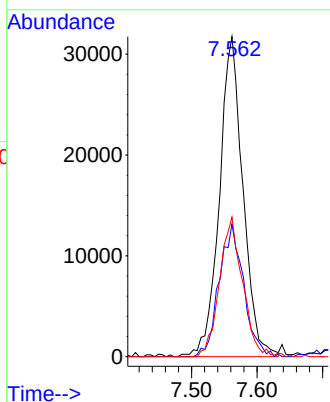
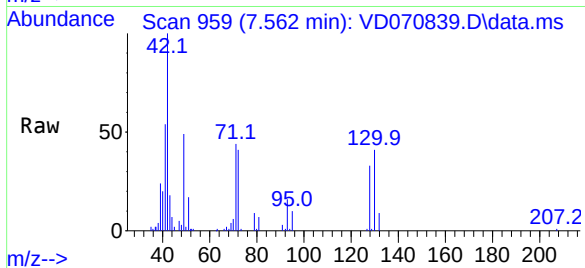
Tgt Ion: 42 Resp: 7912

Ion	Ratio	Lower	Upper
42	100		
72	43.0	33.7	50.5
71	42.5	32.7	49.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#30

Chloroform

Concen: 19.709 ug/l

RT: 7.709 min Scan# 984

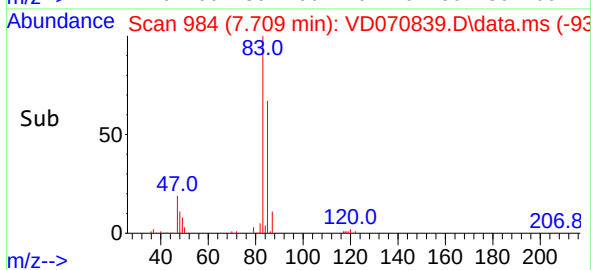
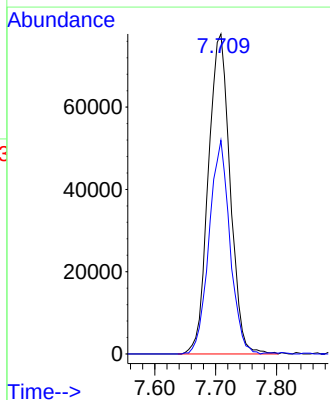
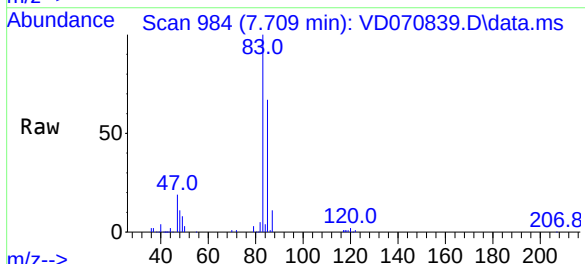
Delta R.T. 0.000 min

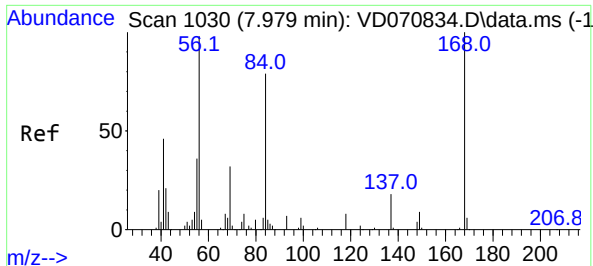
Lab File: VD070839.D

Acq: 26 Oct 2021 14:41

Tgt Ion: 83 Resp: 193211

Ion	Ratio	Lower	Upper
83	100		
85	66.8	51.0	76.6





#31

Cyclohexane

Concen: 19.803 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD070839.D

Acq: 26 Oct 2021 14:41

Instrument :

MSVOA_D

ClientSampleId :

VD1026SBS01

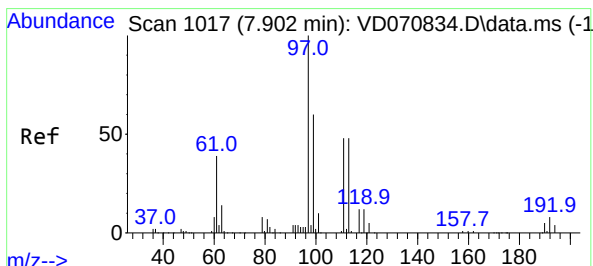
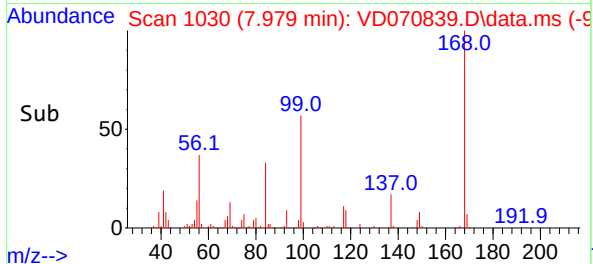
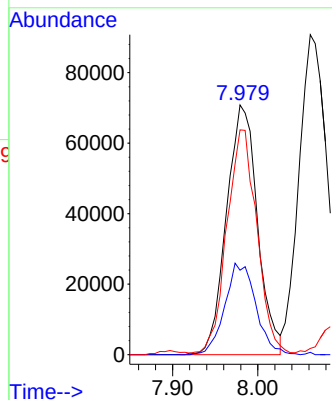
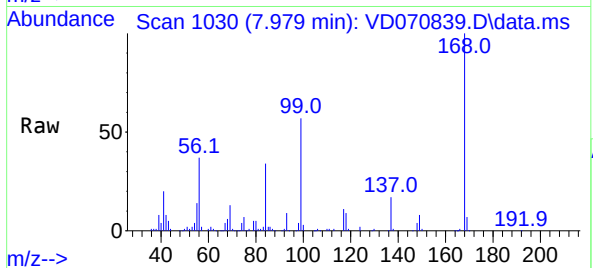
Tgt Ion: 56 Resp: 17942

Ion	Ratio	Lower	Upper
56	100		
69	33.8	25.9	38.9
84	89.1	64.3	96.5

Manual Integrations

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Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#32

1,1,1-Trichloroethane

Concen: 20.106 ug/l

RT: 7.903 min Scan# 1017

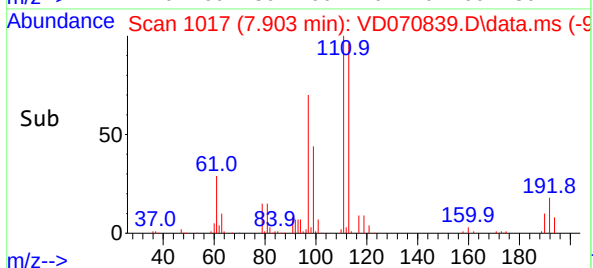
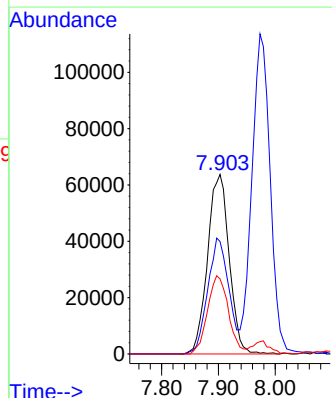
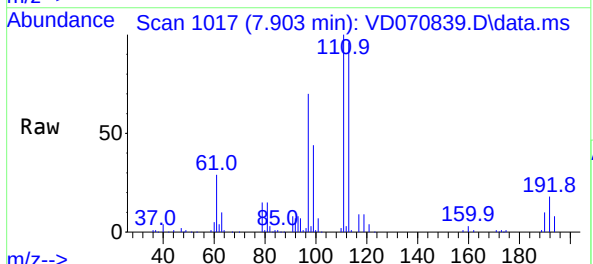
Delta R.T. 0.000 min

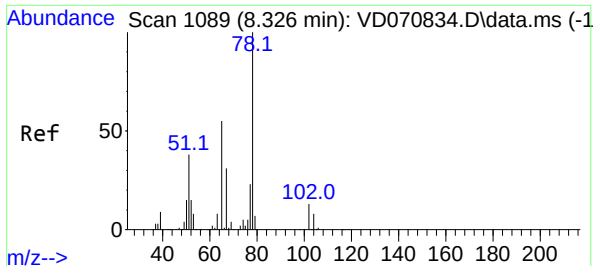
Lab File: VD070839.D

Acq: 26 Oct 2021 14:41

Tgt Ion: 97 Resp: 168335

Ion	Ratio	Lower	Upper
97	100		
99	62.0	50.3	75.5
61	42.2	33.0	49.4





#33

1,2-Dichloroethane-d4

Concen: 50.380 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD070839.D

Acq: 26 Oct 2021 14:41

Instrument :

MSVOA_D

ClientSampleId :

VD1026SBS01

Tgt Ion: 65 Resp: 224009

Ion Ratio Lower Upper

65 100

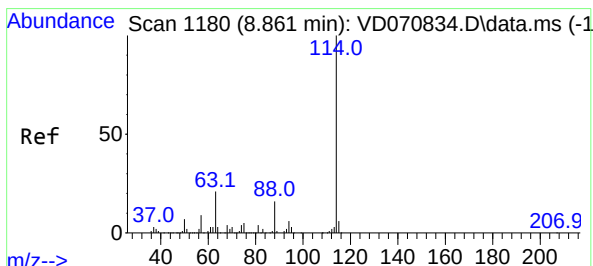
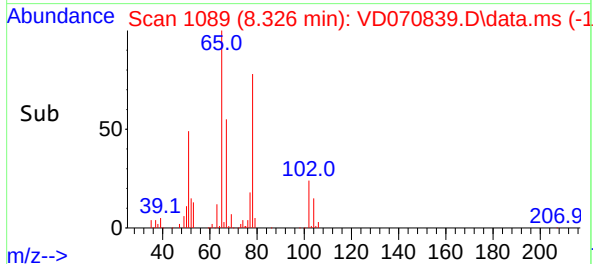
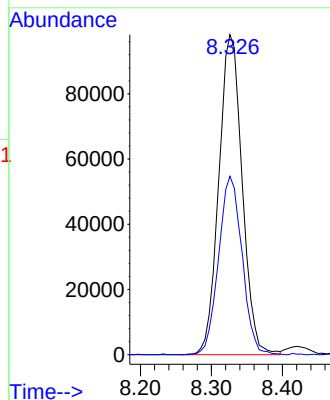
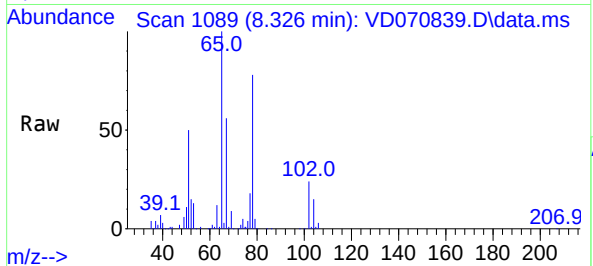
67 56.0 0.0 112.2

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APPROVED

Reviewed By :Vimala Arumugam 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070839.D

Acq: 26 Oct 2021 14:41

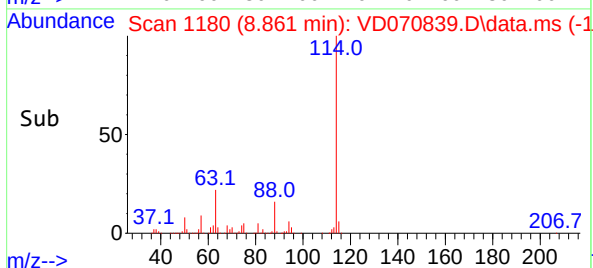
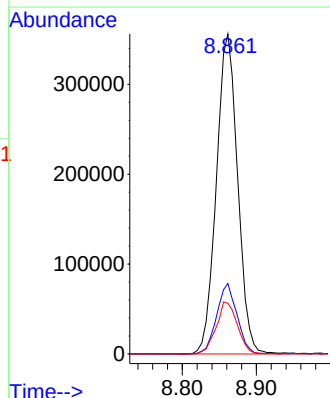
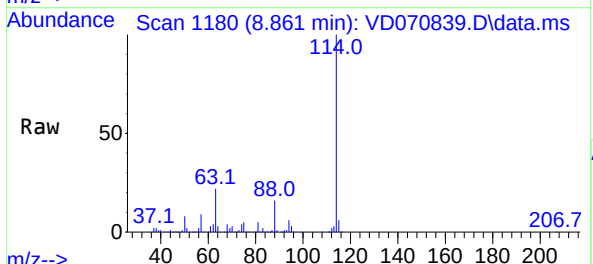
Tgt Ion:114 Resp: 709490

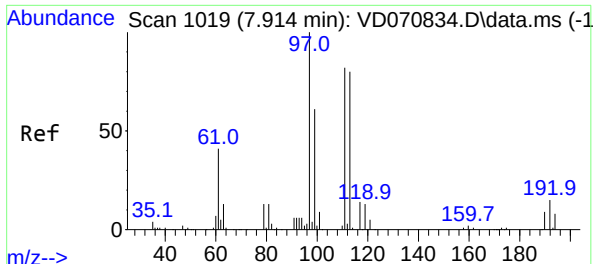
Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.8

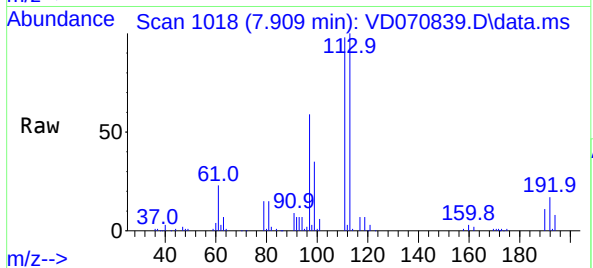
88 15.8 0.0 32.8





#35
Dibromofluoromethane
Concen: 50.674 ug/l
RT: 7.909 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

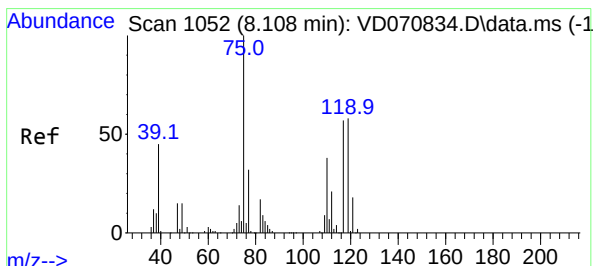
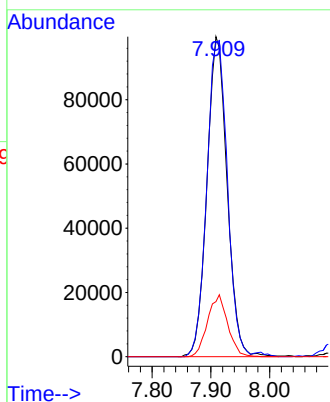
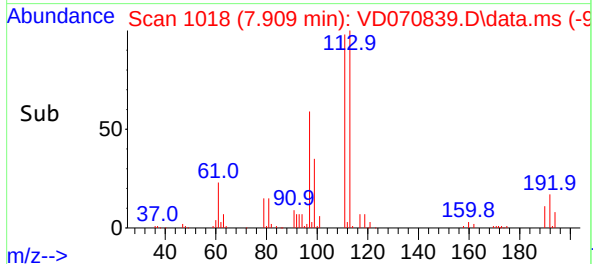
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



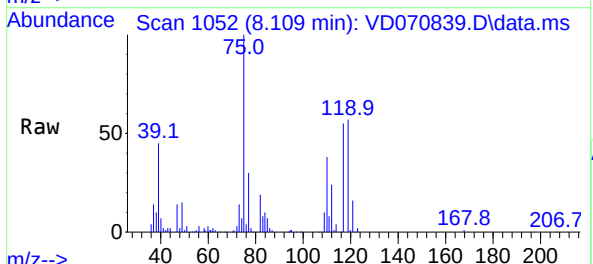
Tgt Ion: 113 Resp: 23705
Ion Ratio Lower Upper
113 100
111 101.0 82.0 123.0
192 19.3 15.2 22.8

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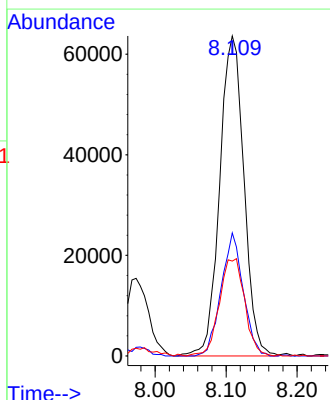
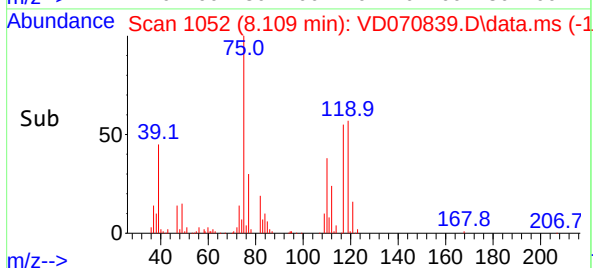
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

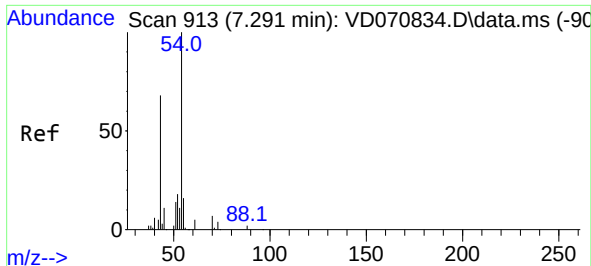


#36
1,1-Dichloropropene
Concen: 20.303 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41



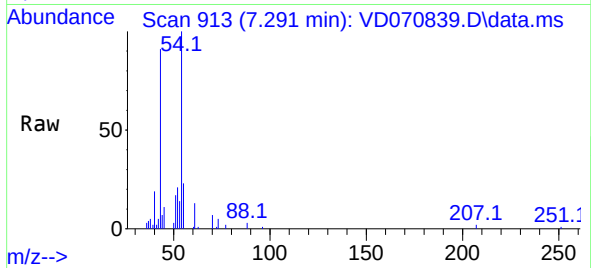
Tgt Ion: 75 Resp: 150715
Ion Ratio Lower Upper
75 100
110 35.0 17.8 53.4
77 31.7 24.8 37.2





#37
Ethyl Acetate
Concen: 20.333 ug/l
RT: 7.291 min Scan# 913
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

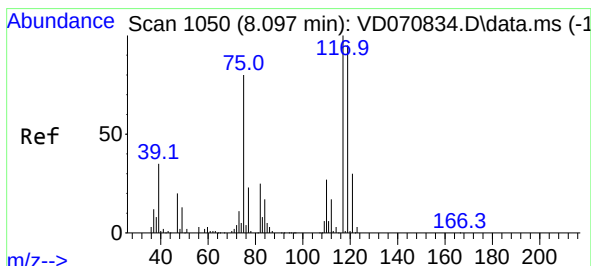
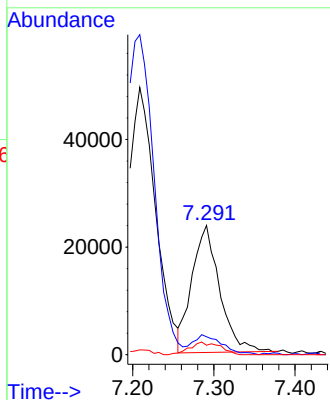
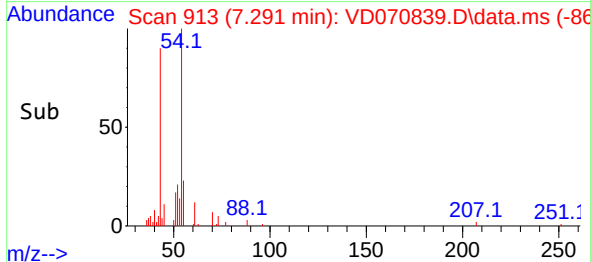
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



Tgt Ion: 43 Resp: 56118
Ion Ratio Lower Upper
43 100
61 16.6 13.0 19.6
70 10.7 8.7 13.1

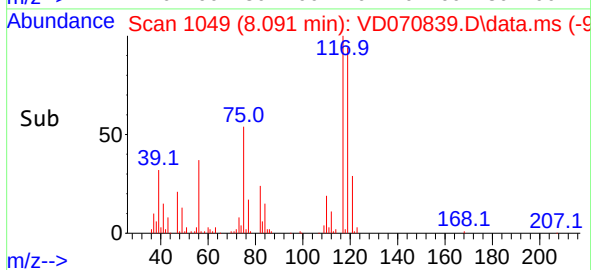
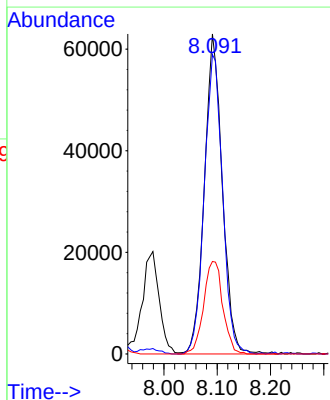
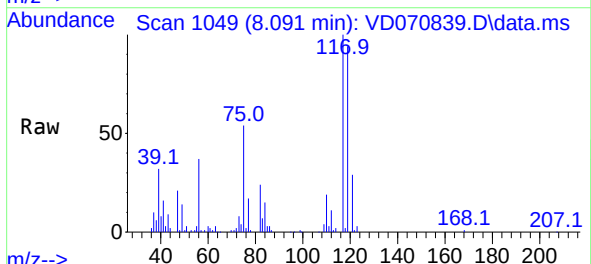
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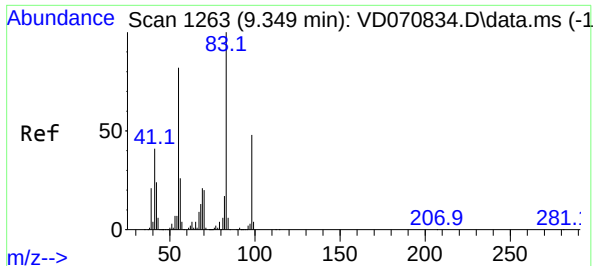
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#38
Carbon Tetrachloride
Concen: 19.750 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

Tgt Ion:117 Resp: 147430
Ion Ratio Lower Upper
117 100
119 93.5 75.8 113.6
121 28.9 23.6 35.4





#39

Methylcyclohexane

Concen: 19.529 ug/l

RT: 9.356 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD070839.D

Acq: 26 Oct 2021 14:41

Instrument :

MSVOA_D

ClientSampleId :

VD1026SBS01

Tgt Ion: 83 Resp: 166814

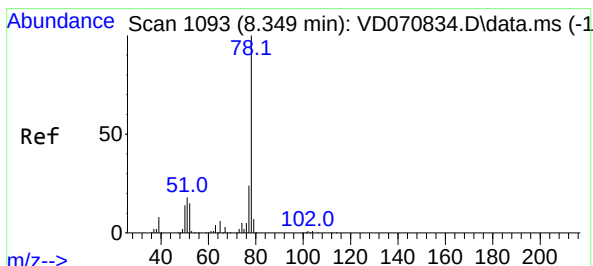
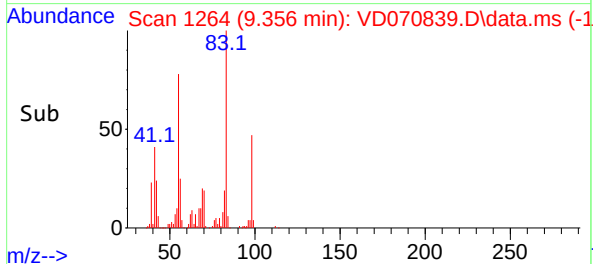
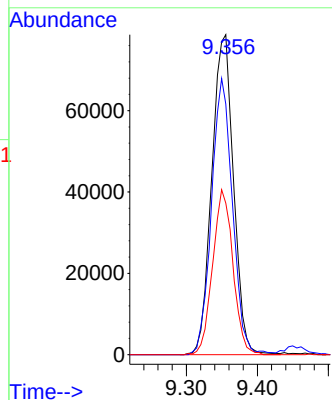
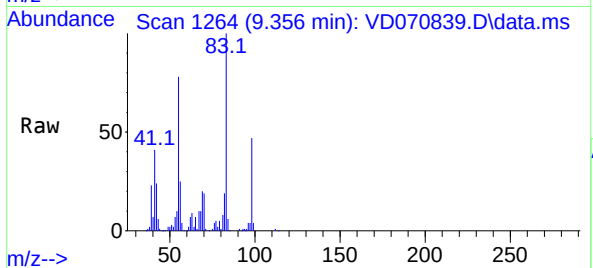
Ion	Ratio	Lower	Upper
83	100		
55	78.3	65.8	98.8
98	47.4	38.7	58.1

Manual Integrations

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Reviewed By :Vimala Arumugam 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#40

Benzene

Concen: 20.151 ug/l

RT: 8.344 min Scan# 1092

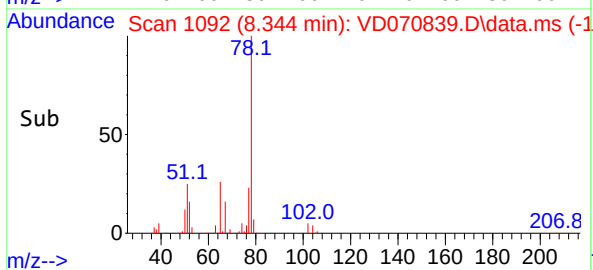
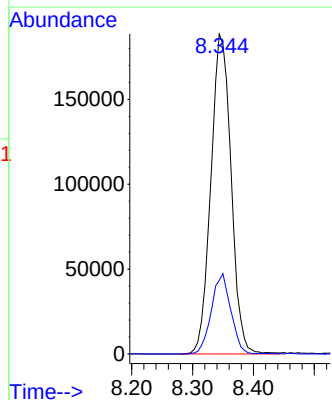
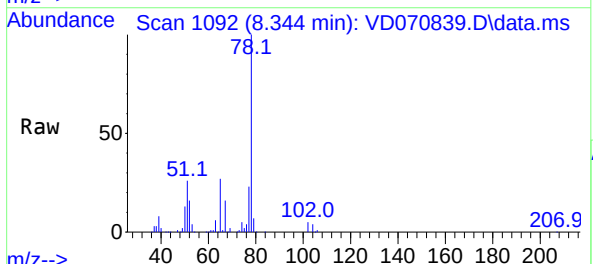
Delta R.T. -0.006 min

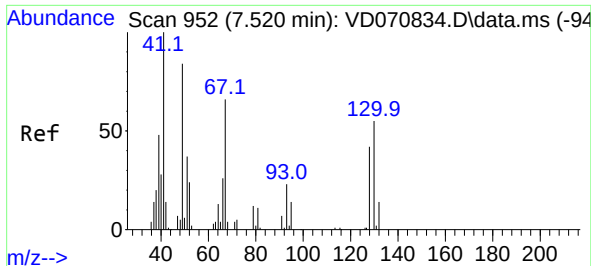
Lab File: VD070839.D

Acq: 26 Oct 2021 14:41

Tgt Ion: 78 Resp: 434897

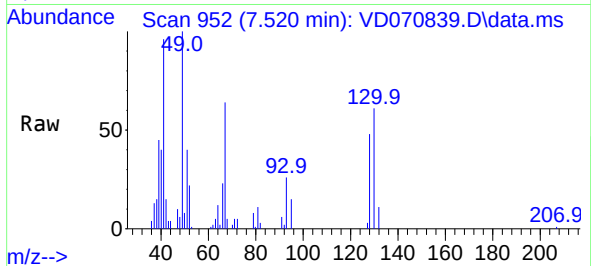
Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.1	28.7





#41
Methacrylonitrile
Concen: 21.019 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

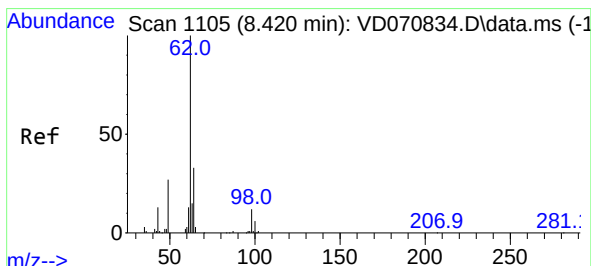
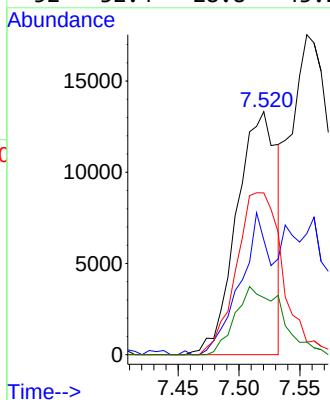
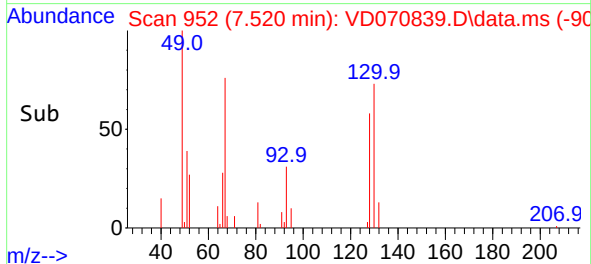
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



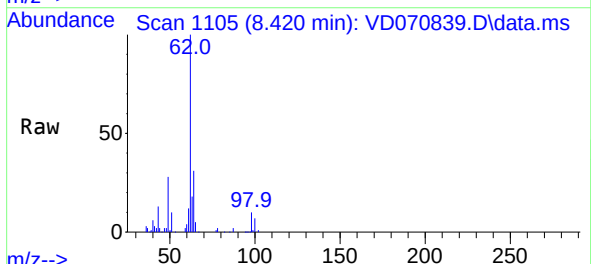
Tgt Ion: 41 Resp: 3068
Ion Ratio Lower Upper
41 100
39 41.6 60.2 90.4
67 76.9 74.8 112.2
52 32.4 28.8 43.2

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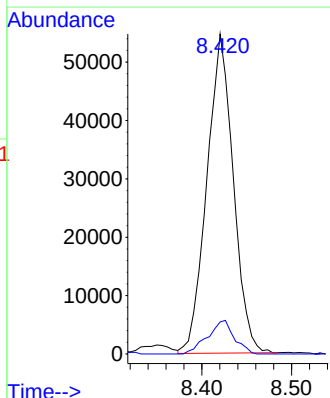
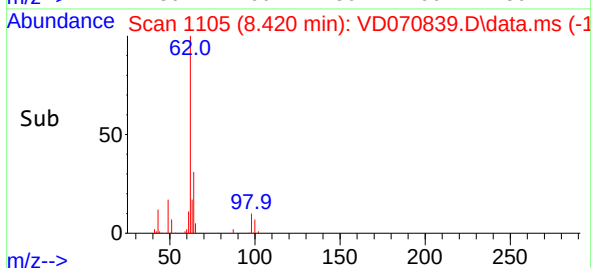
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

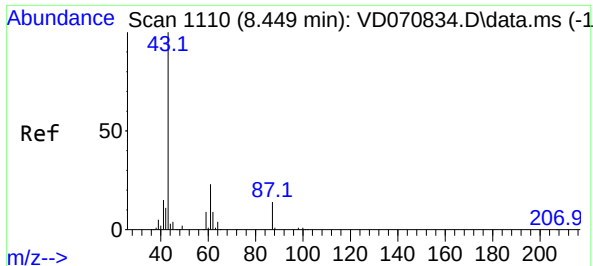


#42
1,2-Dichloroethane
Concen: 20.347 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41



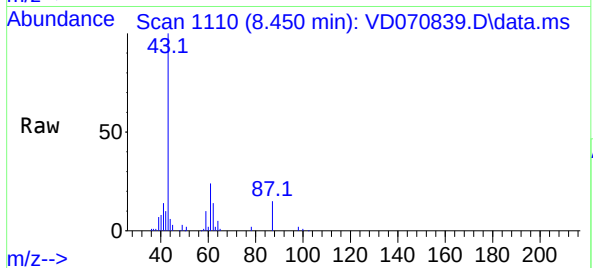
Tgt Ion: 62 Resp: 111805
Ion Ratio Lower Upper
62 100
98 10.6 0.0 21.8





#43
Isopropyl Acetate
Concen: 20.822 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

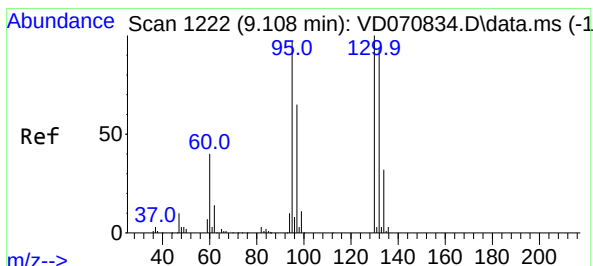
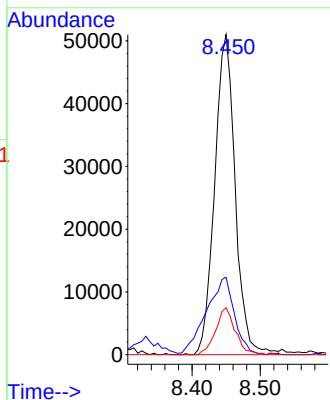
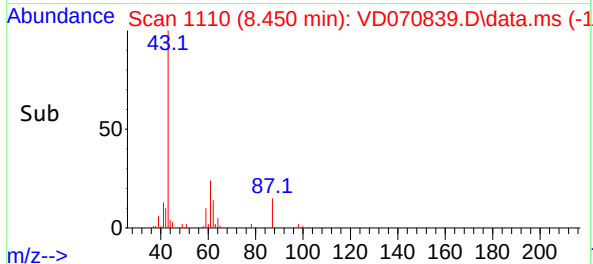
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



Tgt Ion: 43 Resp: 106825
Ion Ratio Lower Upper
43 100
61 33.1 28.2 42.4
87 14.1 10.7 16.1

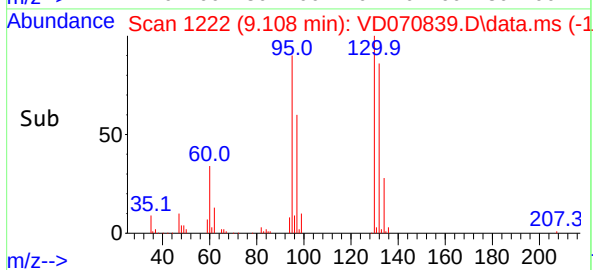
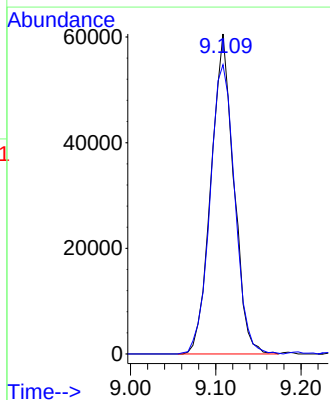
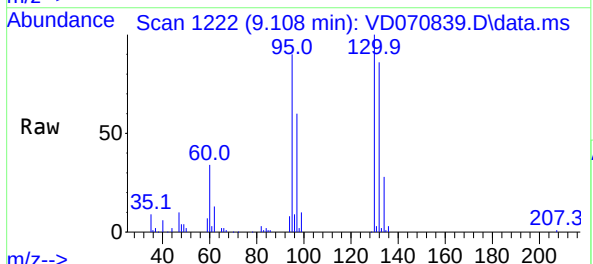
Manual Integrations
APPROVED

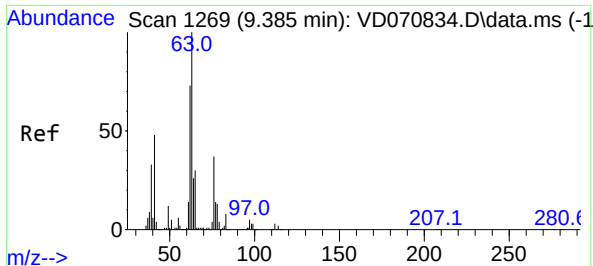
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#44
Trichloroethene
Concen: 20.208 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

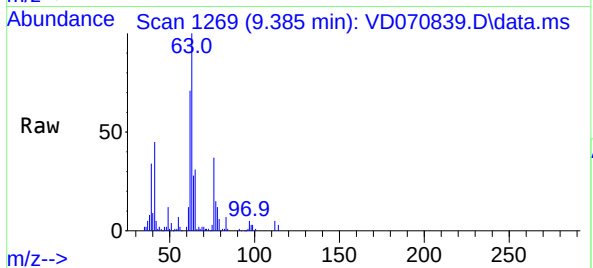
Tgt Ion:130 Resp: 112678
Ion Ratio Lower Upper
130 100
95 90.4 0.0 193.2





#45
1,2-Dichloropropane
Concen: 19.671 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

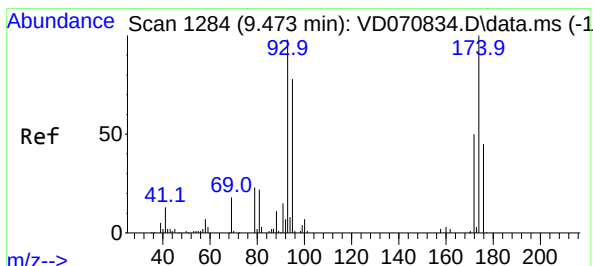
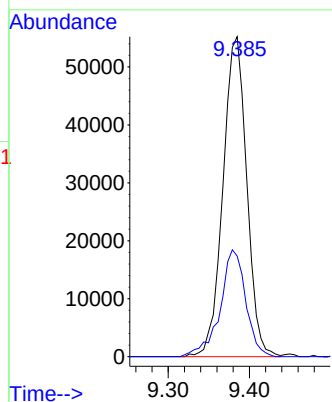
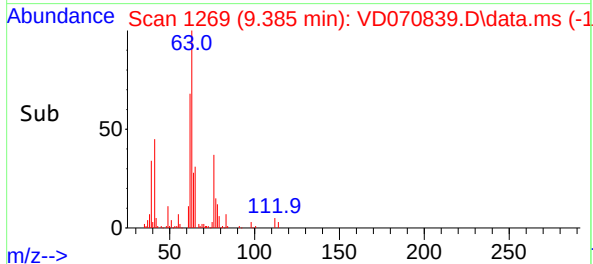
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



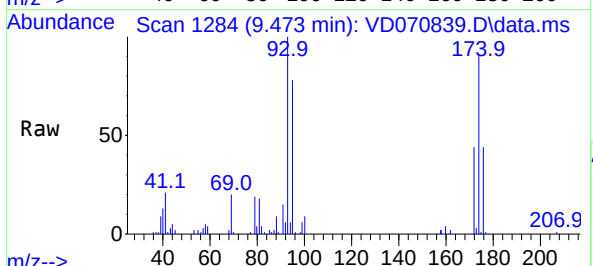
Tgt Ion: 63 Resp: 112552
Ion Ratio Lower Upper
63 100
65 31.5 24.2 36.2

Manual Integrations
APPROVED

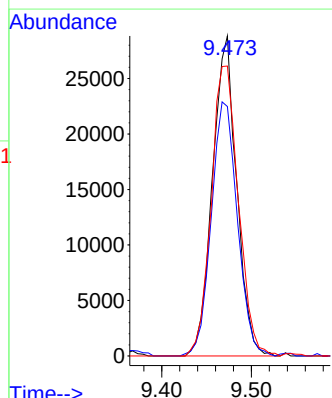
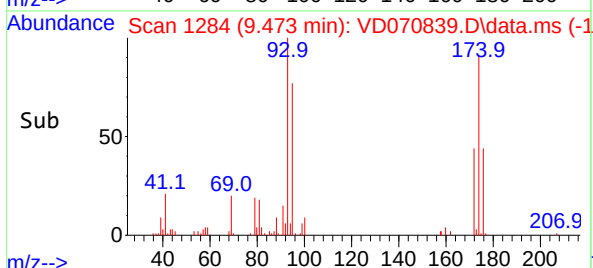
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

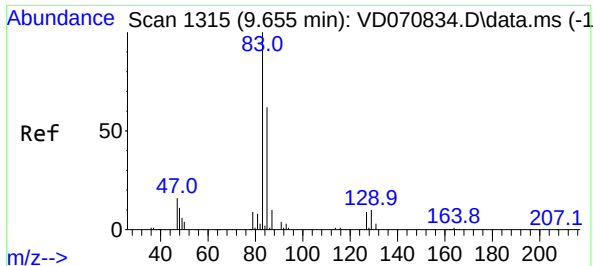


#46
Dibromomethane
Concen: 19.211 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41



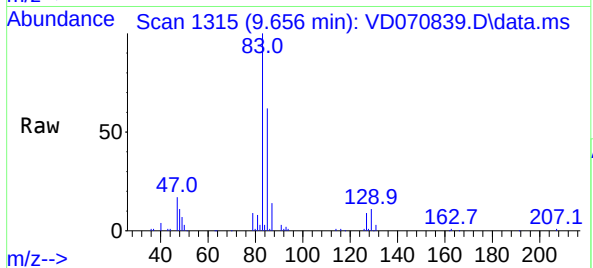
Tgt Ion: 93 Resp: 53892
Ion Ratio Lower Upper
93 100
95 85.9 66.1 99.1
174 101.7 78.6 117.8





#47
Bromodichloromethane
Concen: 20.190 ug/l
RT: 9.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

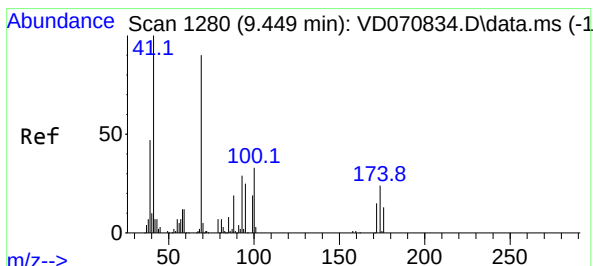
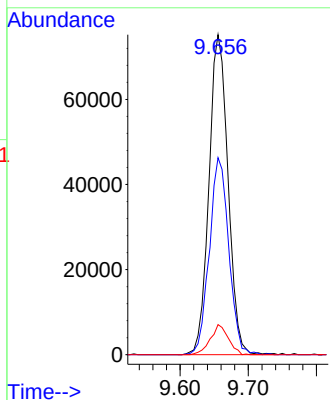
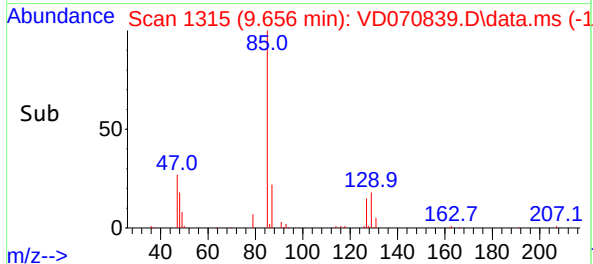
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



Tgt Ion: 83 Resp: 14641
Ion Ratio Lower Upper
83 100
85 61.6 50.0 75.0
127 9.4 7.3 10.9

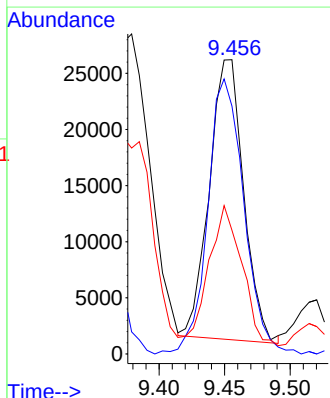
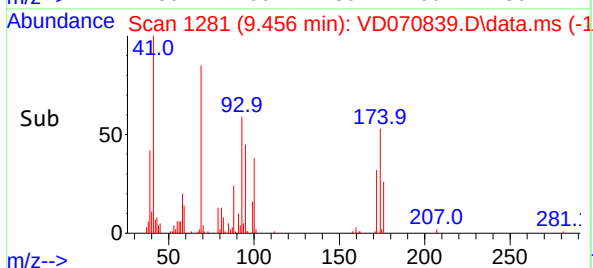
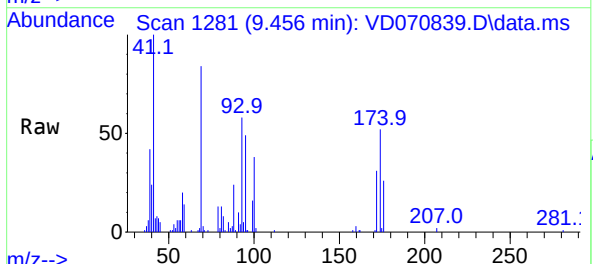
Manual Integrations
APPROVED

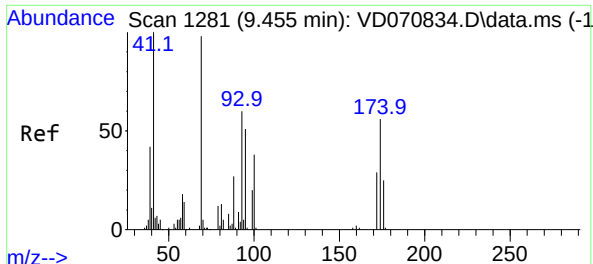
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#48
Methyl methacrylate
Concen: 18.459 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

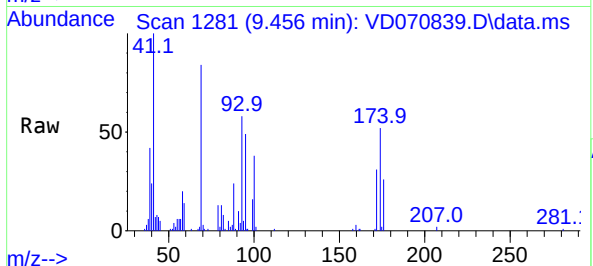
Tgt Ion: 41 Resp: 45249
Ion Ratio Lower Upper
41 100
69 104.4 69.8 104.6
39 56.4 35.6 53.4#





#49
1,4-Dioxane
Concen: 434.339 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

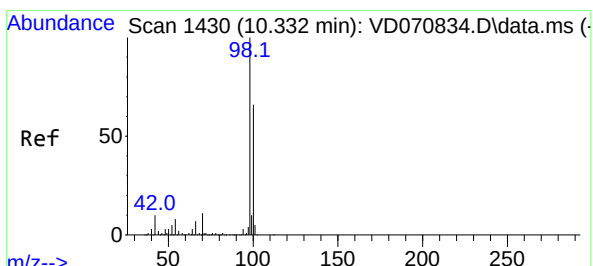
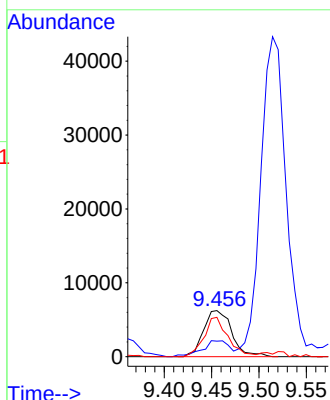
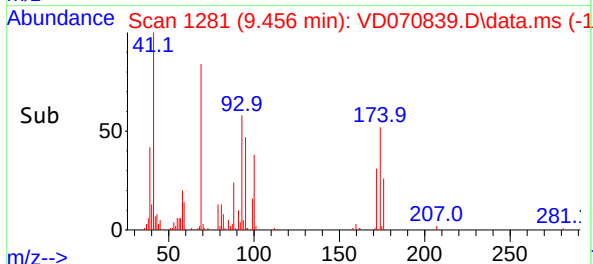
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



Tgt Ion: 88 Resp: 13004
Ion Ratio Lower Upper
88 100
43 32.8 28.9 43.3
58 72.2 56.3 84.5

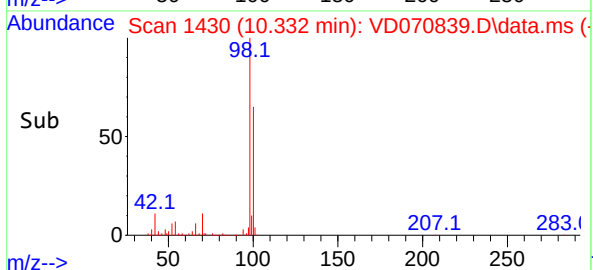
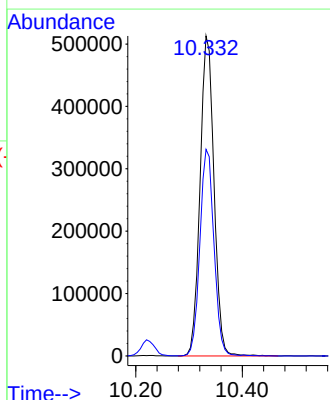
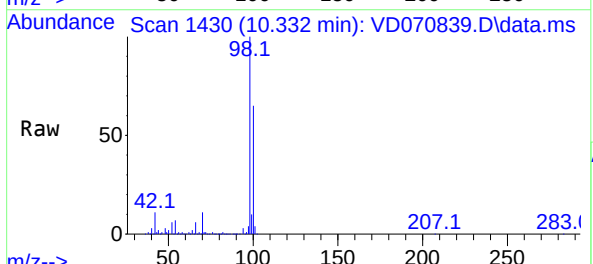
Manual Integrations
APPROVED

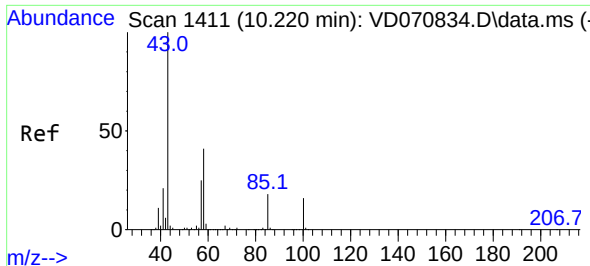
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#50
Toluene-d8
Concen: 52.828 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

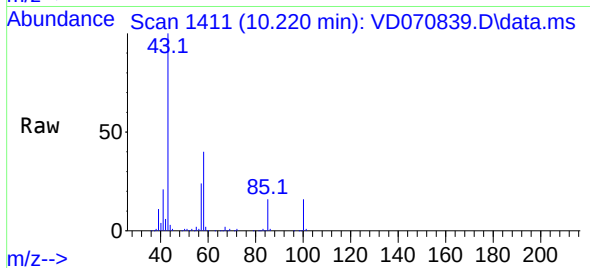
Tgt Ion: 98 Resp: 929752
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 105.972 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

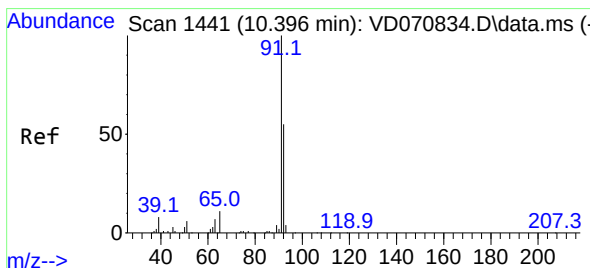
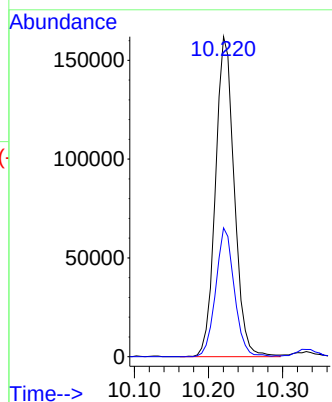
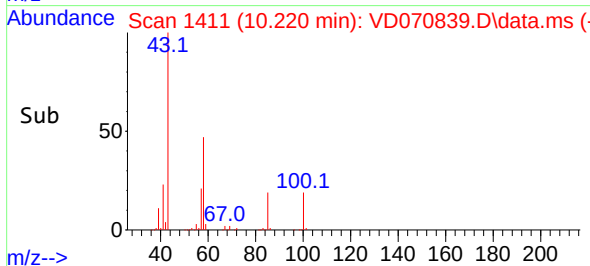
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



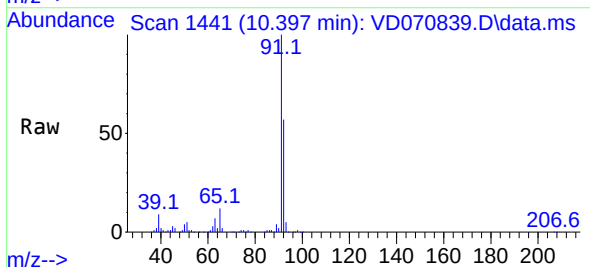
Tgt Ion: 43 Resp: 285088
Ion Ratio Lower Upper
43 100
58 39.7 33.1 49.7

Manual Integrations
APPROVED

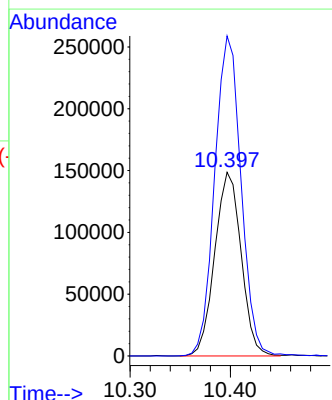
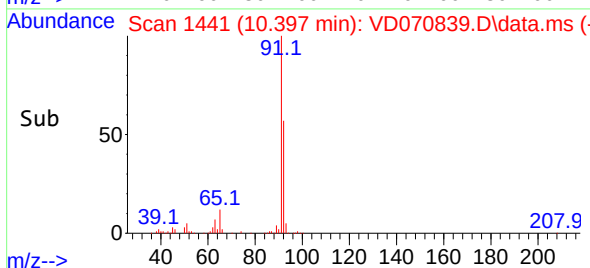
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

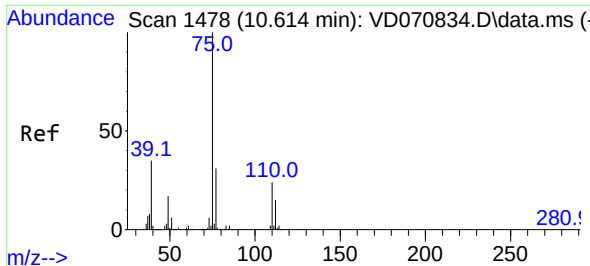


#52
Toluene
Concen: 20.953 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41



Tgt Ion: 92 Resp: 271767
Ion Ratio Lower Upper
92 100
91 174.1 140.7 211.1





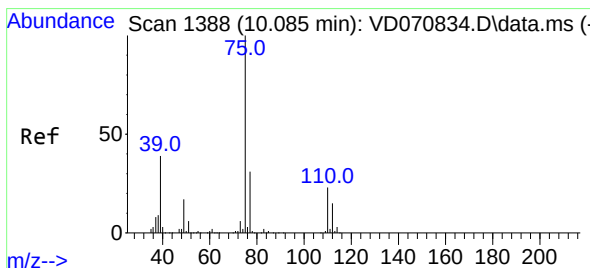
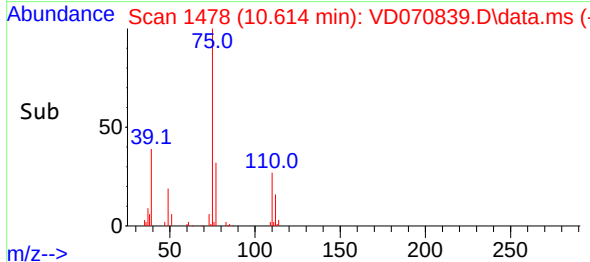
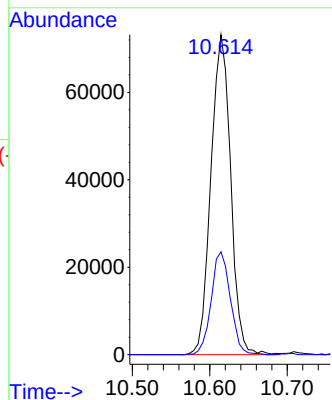
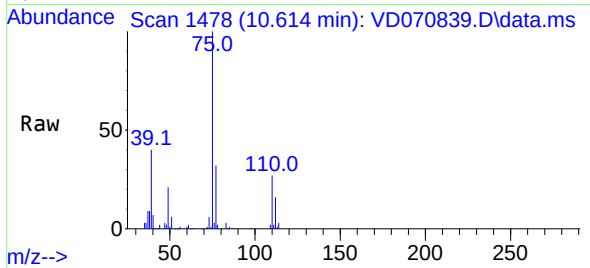
#53
t-1,3-Dichloropropene
Concen: 20.516 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01

Tgt Ion: 75 Resp: 12966
Ion Ratio Lower Upper
75 100
77 32.2 24.5 36.7

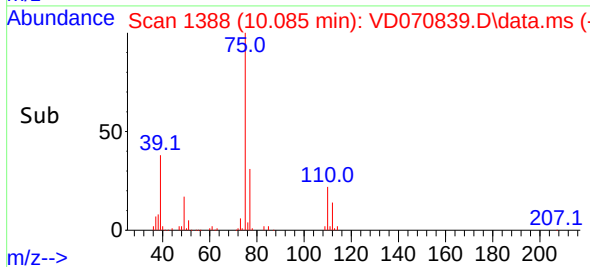
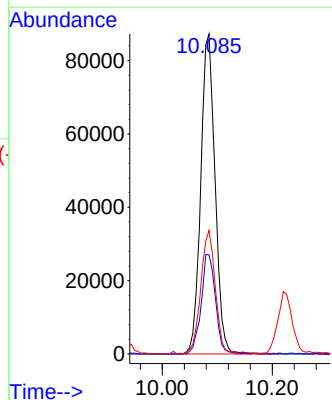
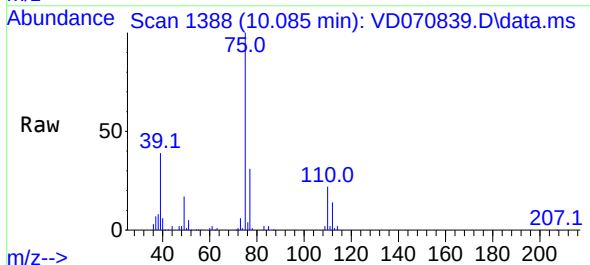
Manual Integrations
APPROVED

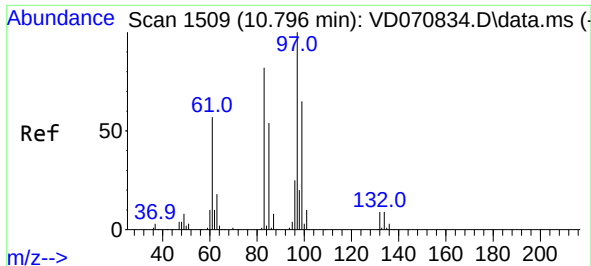
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#54
cis-1,3-Dichloropropene
Concen: 20.264 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

Tgt Ion: 75 Resp: 158129
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.6
39 38.4 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.944 ug/l
RT: 10.791 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

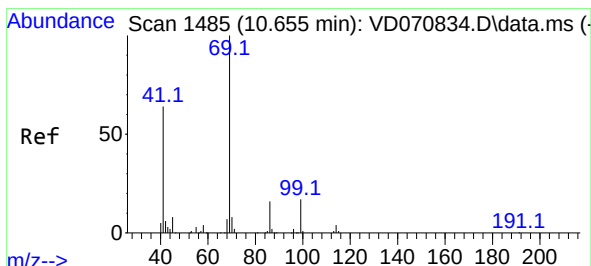
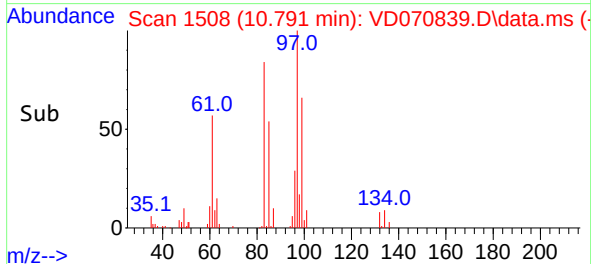
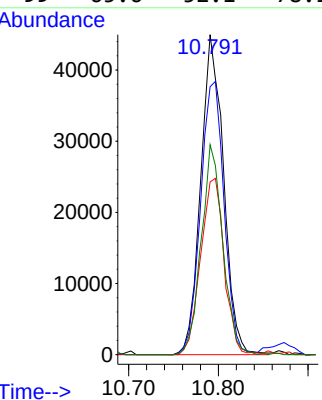
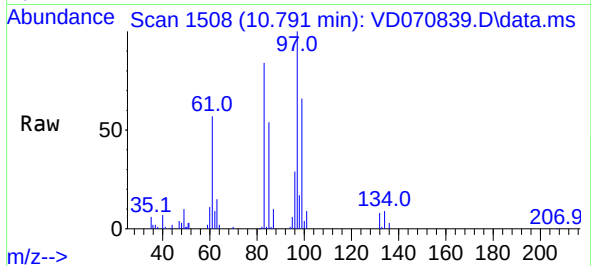
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01

Tgt Ion: 97 Resp: 79340

Ion	Ratio	Lower	Upper
97	100		
83	83.8	65.2	97.8
85	54.0	43.4	65.0
99	65.6	52.1	78.1

Manual Integrations
APPROVED

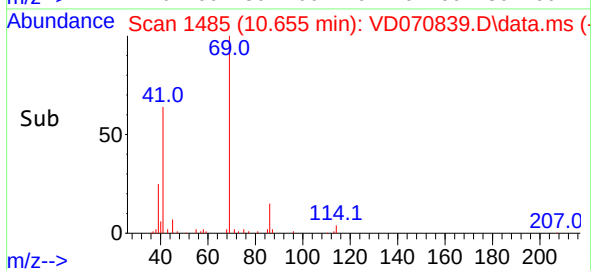
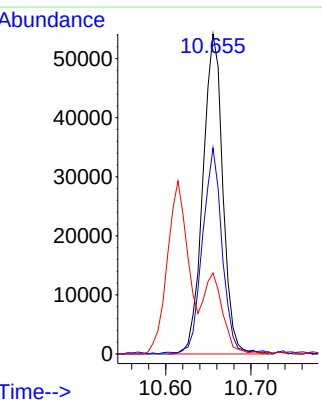
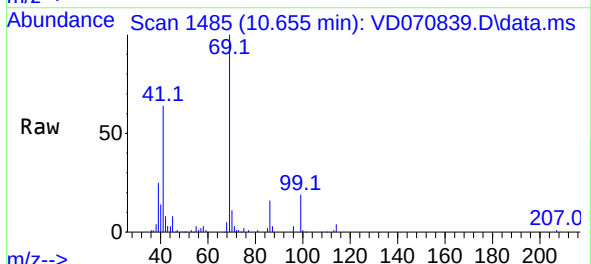
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

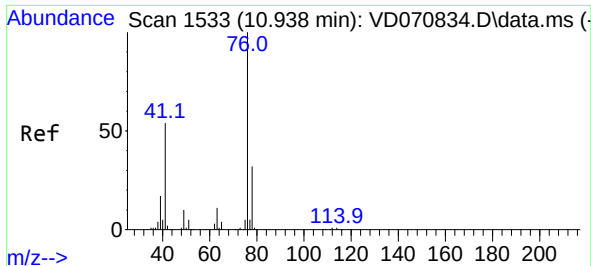


#56
Ethyl methacrylate
Concen: 19.857 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

Tgt Ion: 69 Resp: 87939

Ion	Ratio	Lower	Upper
69	100		
41	63.8	50.2	75.2
39	24.1	19.8	29.8





#57

1,3-Dichloropropane

Concen: 20.425 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD070839.D

Acq: 26 Oct 2021 14:41

Instrument :

MSVOA_D

ClientSampleId :

VD1026SBS01

Tgt Ion: 76 Resp: 136920

Ion Ratio Lower Upper

76 100

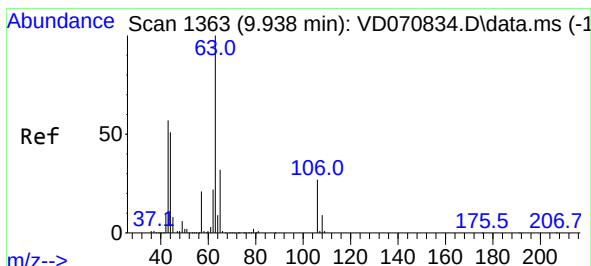
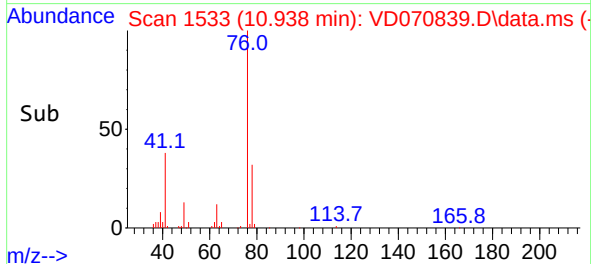
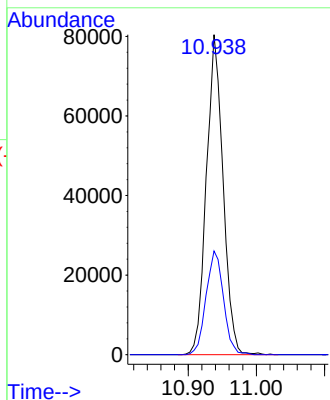
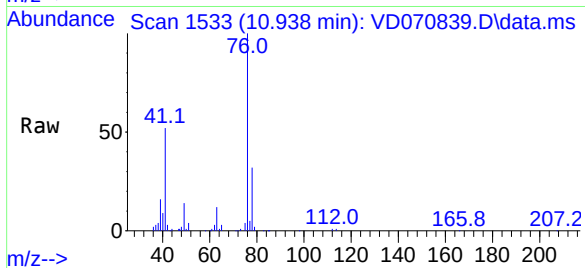
78 33.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#58

2-Chloroethyl Vinyl ether

Concen: 104.545 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VD070839.D

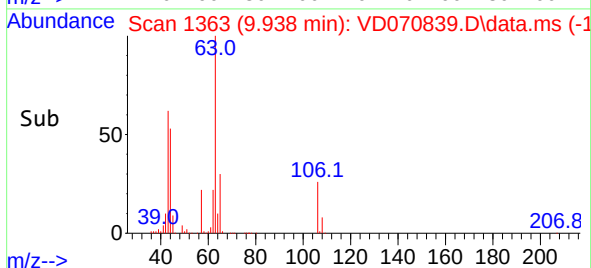
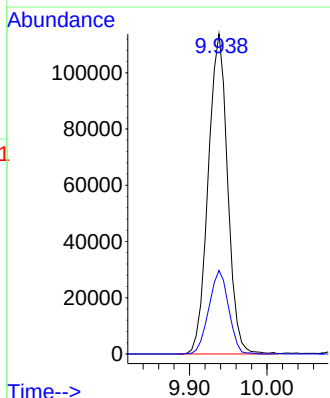
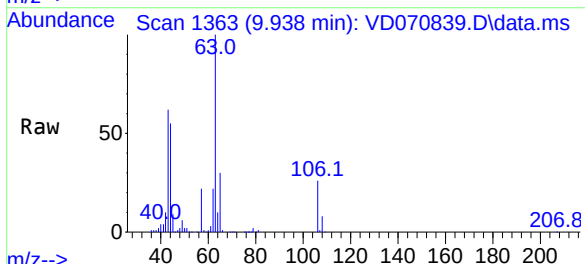
Acq: 26 Oct 2021 14:41

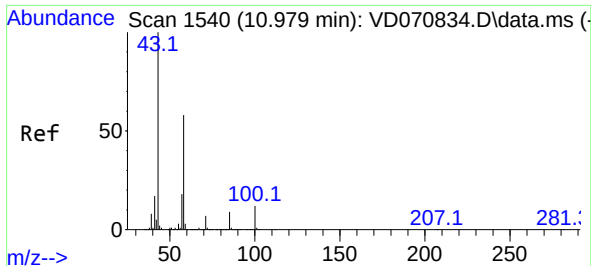
Tgt Ion: 63 Resp: 197733

Ion Ratio Lower Upper

63 100

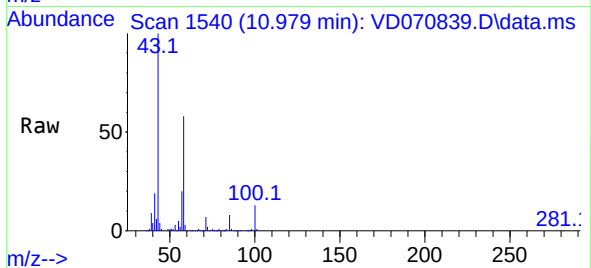
106 26.5 21.0 31.4





#59
2-Hexanone
Concen: 100.751 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

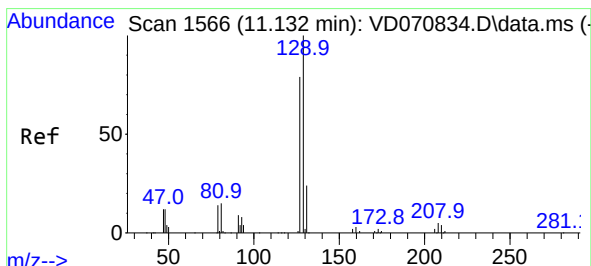
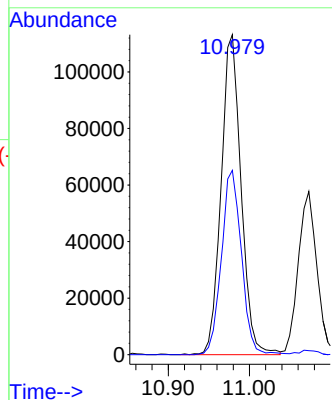
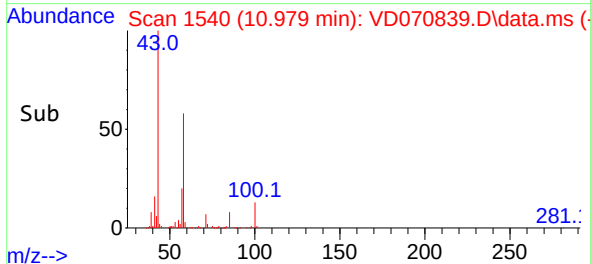
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



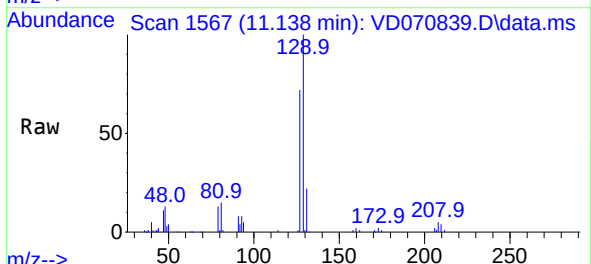
Tgt Ion: 43 Resp: 193488
Ion Ratio Lower Upper
43 100
58 57.8 28.7 86.1

Manual Integrations
APPROVED

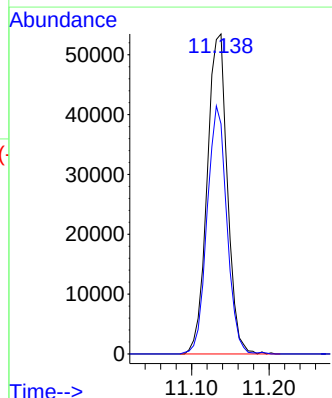
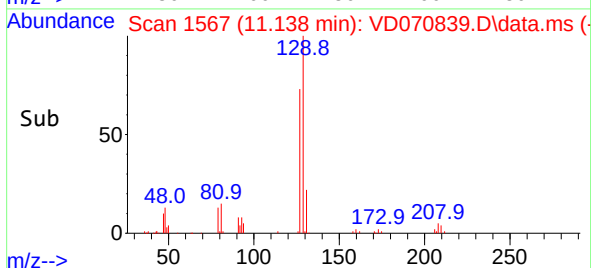
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

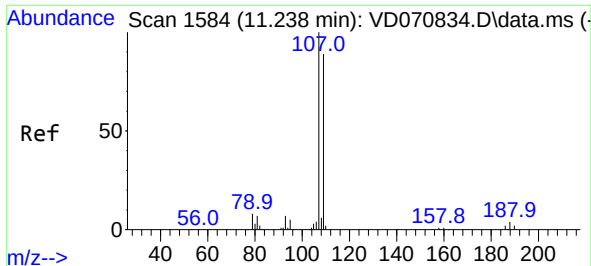


#60
Dibromochloromethane
Concen: 20.284 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41



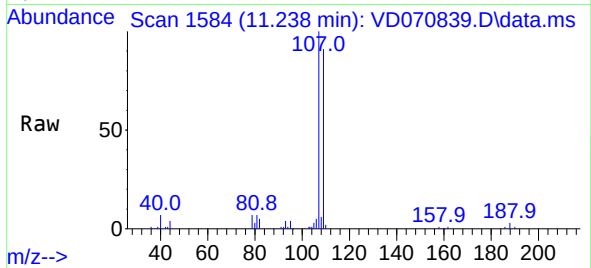
Tgt Ion:129 Resp: 96830
Ion Ratio Lower Upper
129 100
127 75.7 38.9 116.6





#61
1,2-Dibromoethane
Concen: 20.067 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

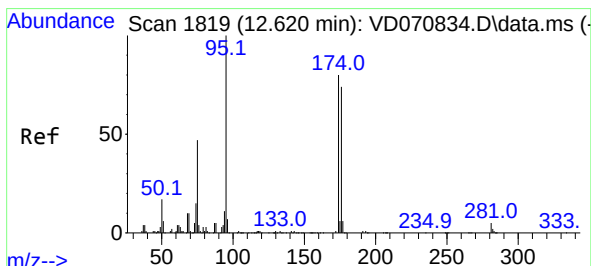
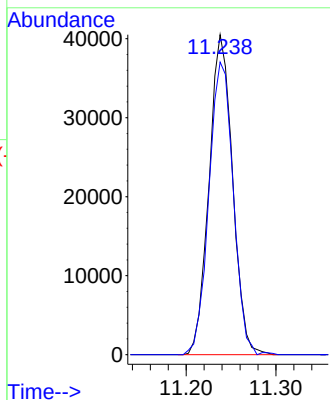
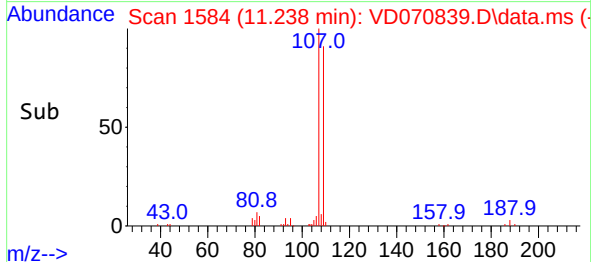
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



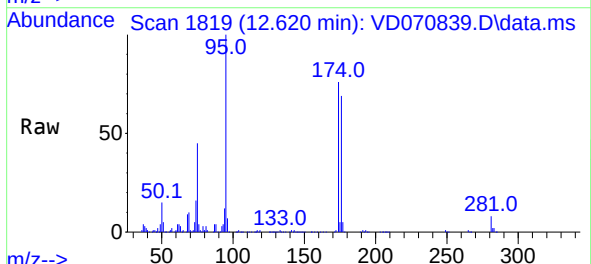
Tgt Ion:107 Resp: 73694
Ion Ratio Lower Upper
107 100
109 94.5 74.6 112.0

Manual Integrations
APPROVED

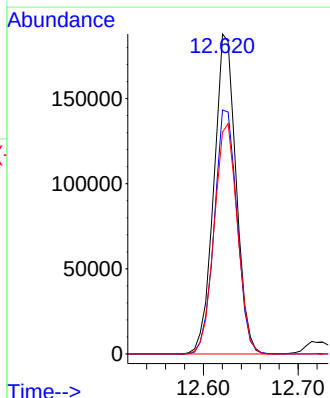
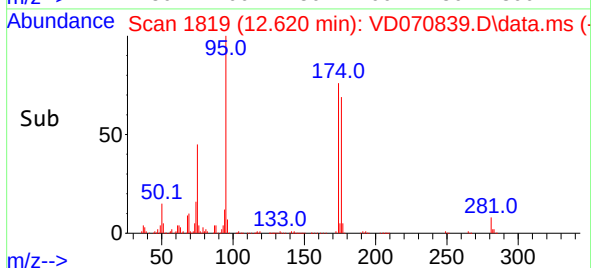
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

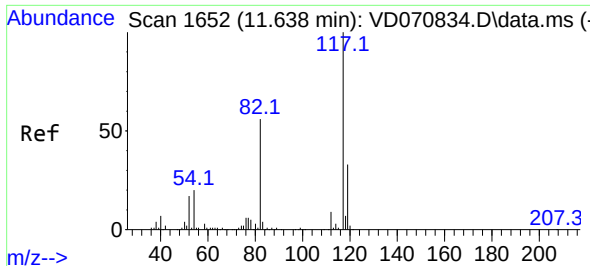


#62
4-Bromofluorobenzene
Concen: 52.626 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41



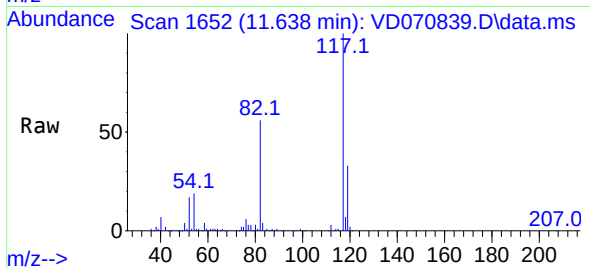
Tgt Ion: 95 Resp: 305595
Ion Ratio Lower Upper
95 100
174 78.3 0.0 159.4
176 75.1 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

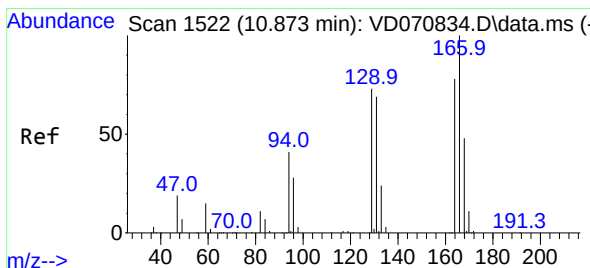
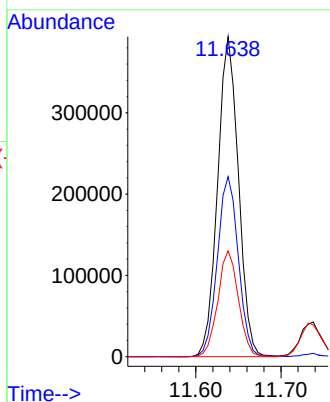
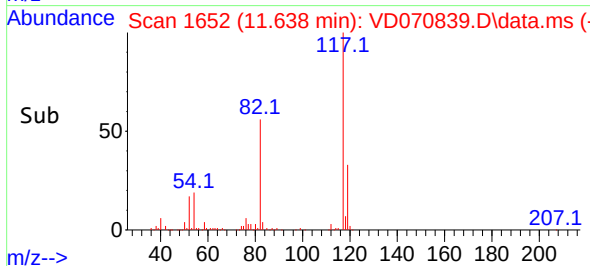
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



Tgt Ion:117 Resp: 66920
Ion Ratio Lower Upper
117 100
82 56.3 44.7 67.1
119 33.1 26.2 39.4

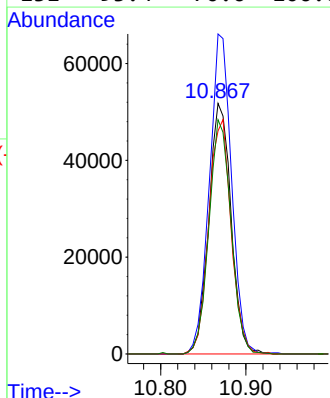
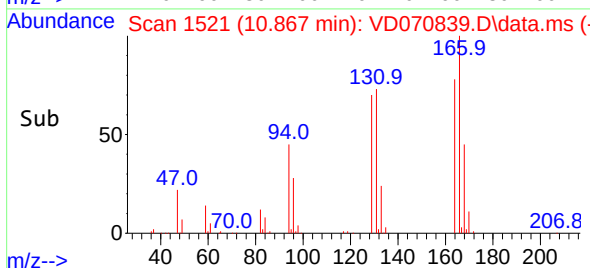
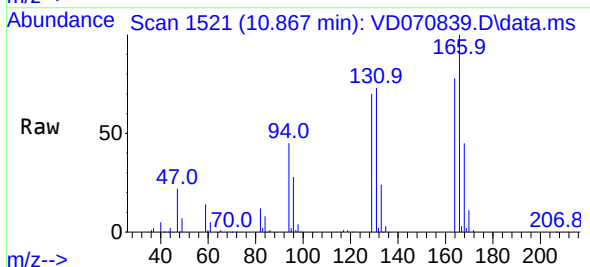
Manual Integrations
APPROVED

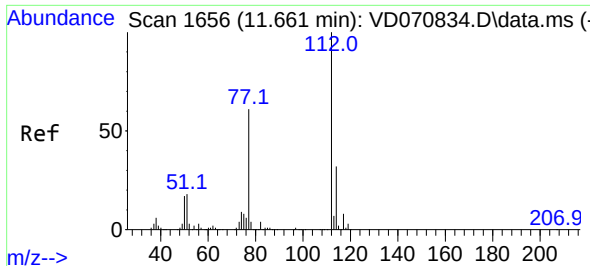
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#64
Tetrachloroethene
Concen: 20.513 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

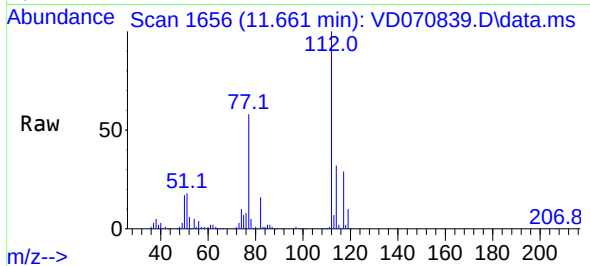
Tgt Ion:164 Resp: 94184
Ion Ratio Lower Upper
164 100
166 127.7 102.6 153.8
129 89.0 75.4 113.0
131 93.4 70.6 106.0





#65
Chlorobenzene
Concen: 20.696 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

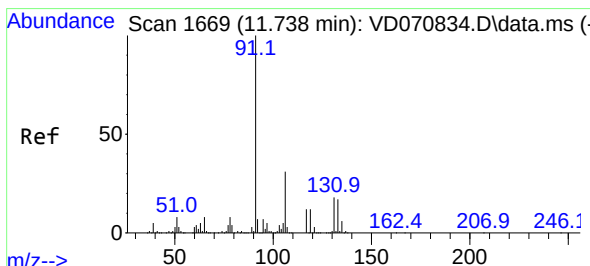
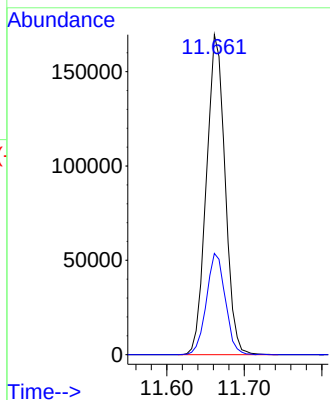
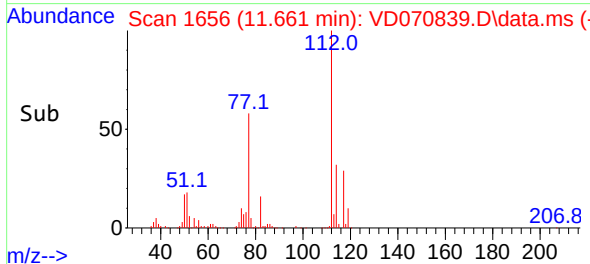
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



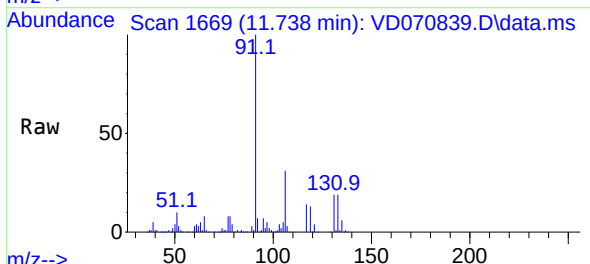
Tgt Ion:112 Resp: 284150
Ion Ratio Lower Upper
112 100
114 31.7 26.0 39.0

Manual Integrations
APPROVED

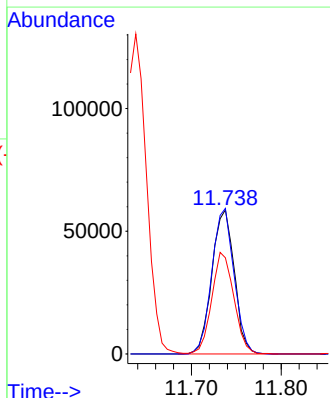
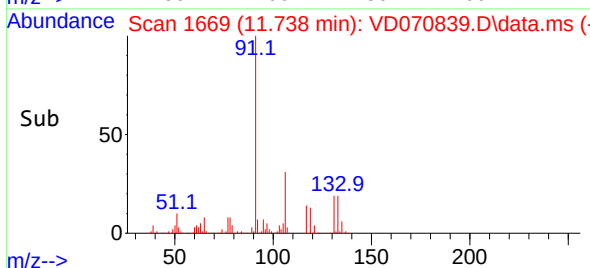
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

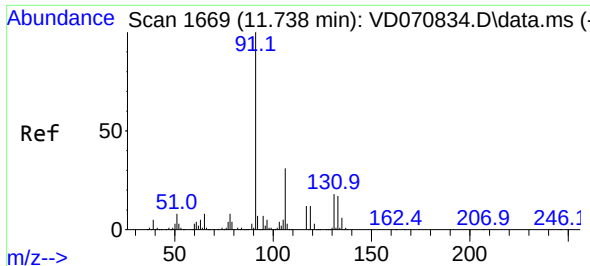


#66
1,1,1,2-Tetrachloroethane
Concen: 20.005 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41



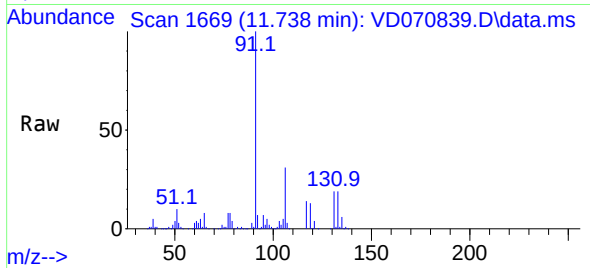
Tgt Ion:131 Resp: 101888
Ion Ratio Lower Upper
131 100
133 100.2 48.0 144.0
119 69.6 33.5 100.4





#67
Ethyl Benzene
Concen: 20.431 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

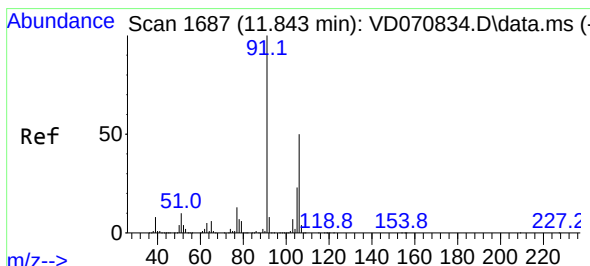
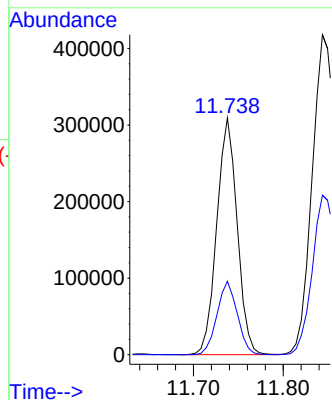
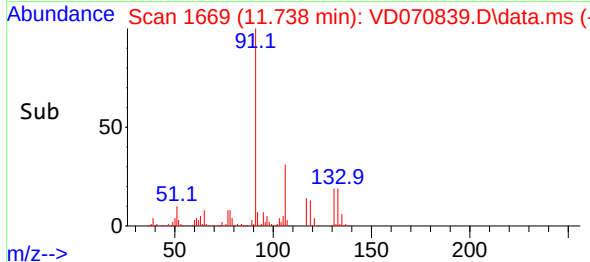
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



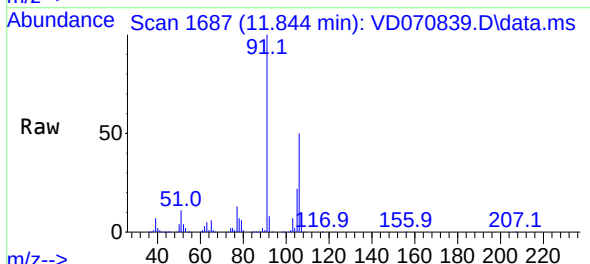
Tgt Ion: 91 Resp: 488478
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8

Manual Integrations
APPROVED

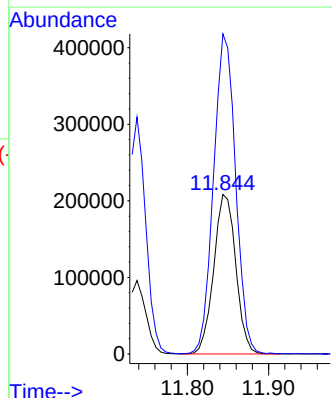
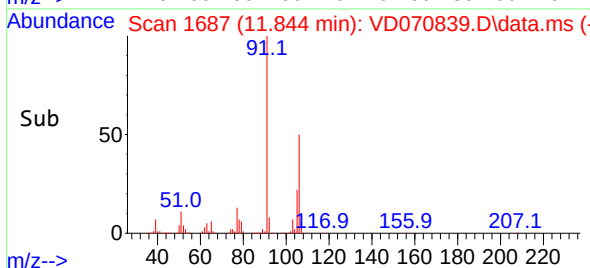
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

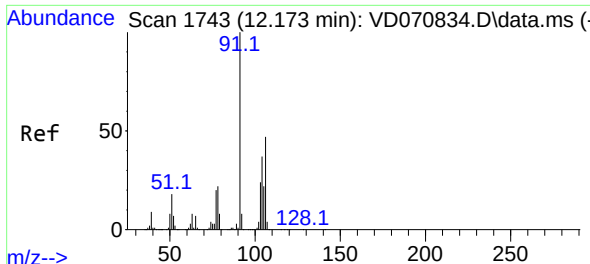


#68
m/p-Xylenes
Concen: 42.260 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41



Tgt Ion:106 Resp: 393411
Ion Ratio Lower Upper
106 100
91 200.3 160.1 240.1





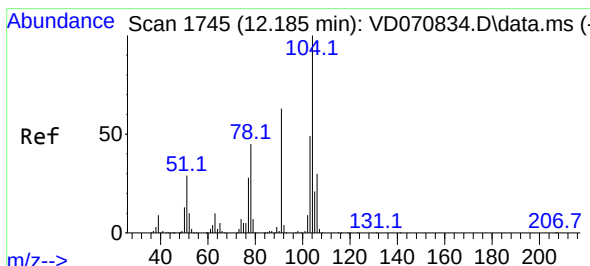
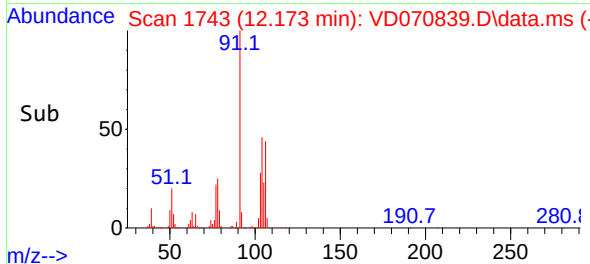
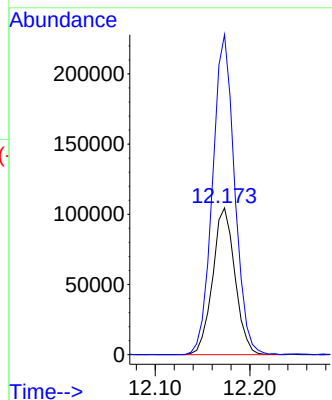
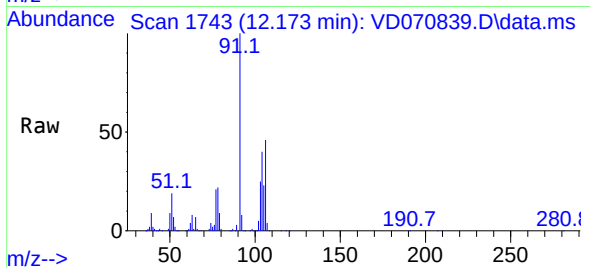
#69
o-Xylene
Concen: 20.273 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01

Tgt Ion:106 Resp: 170927
Ion Ratio Lower Upper
106 100
91 216.0 106.3 319.0

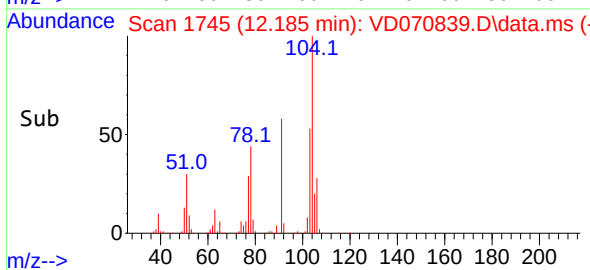
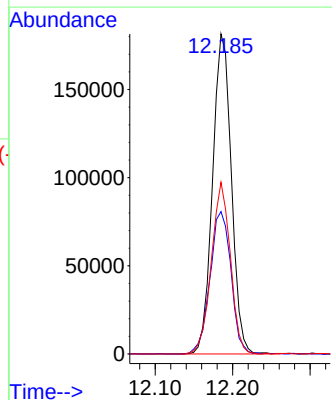
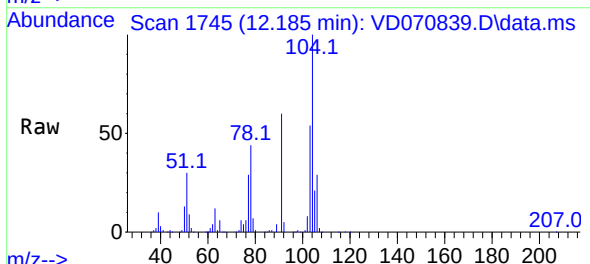
Manual Integrations
APPROVED

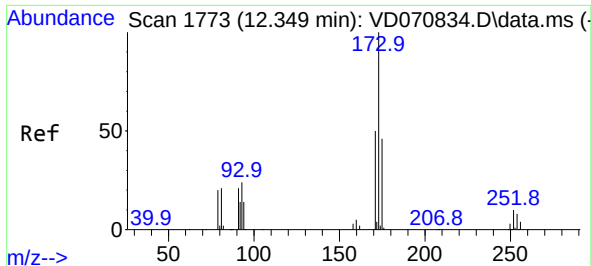
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#70
Styrene
Concen: 20.978 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

Tgt Ion:104 Resp: 306336
Ion Ratio Lower Upper
104 100
78 49.7 39.4 59.0
103 54.1 43.4 65.0





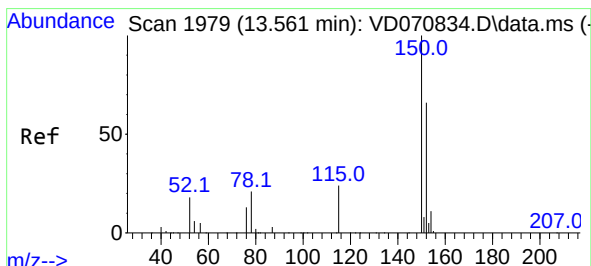
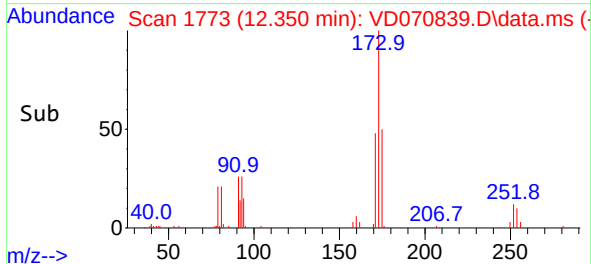
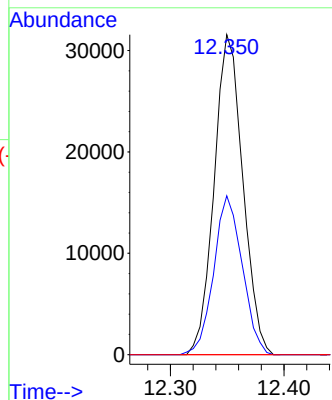
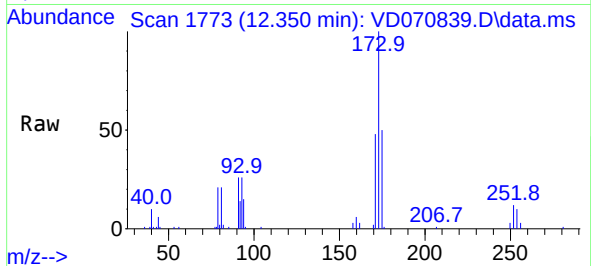
#71
Bromoform
Concen: 20.555 ug/l
RT: 12.350 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01

Tgt Ion:173 Resp: 55324
Ion Ratio Lower Upper
173 100
175 49.4 24.1 72.2
254 0.0 0.1 0.1

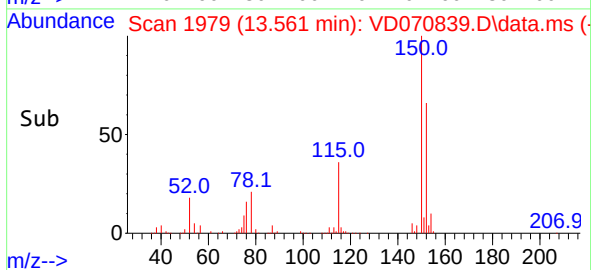
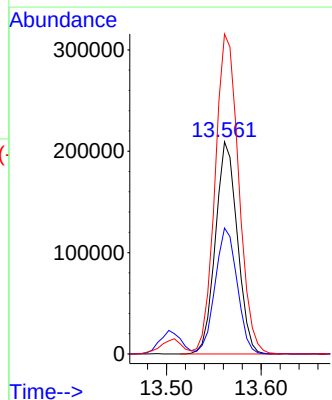
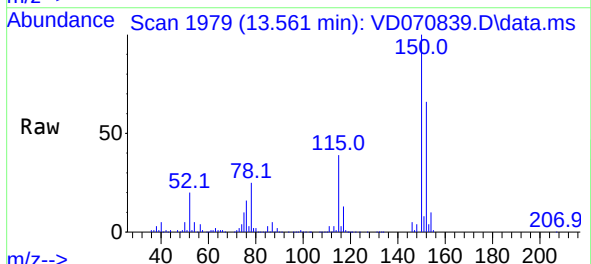
Manual Integrations
APPROVED

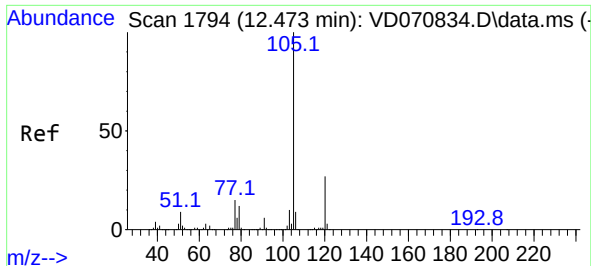
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

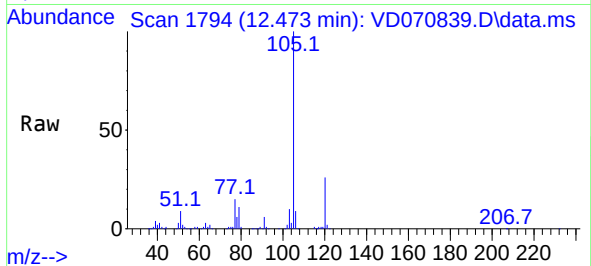
Tgt Ion:152 Resp: 336708
Ion Ratio Lower Upper
152 100
115 59.8 29.8 89.3
150 162.6 0.0 349.2





#73
Isopropylbenzene
Concen: 20.596 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

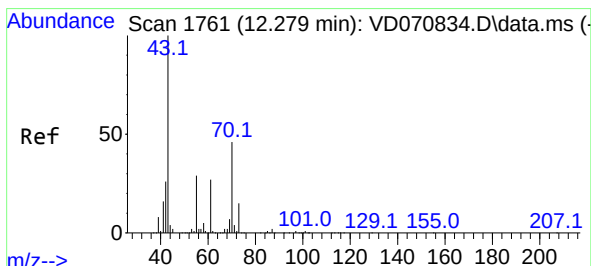
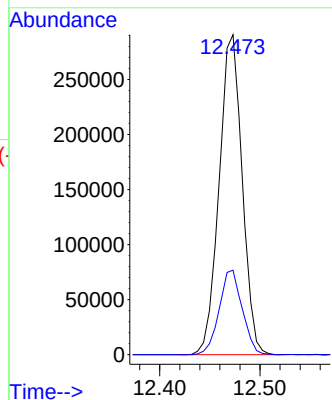
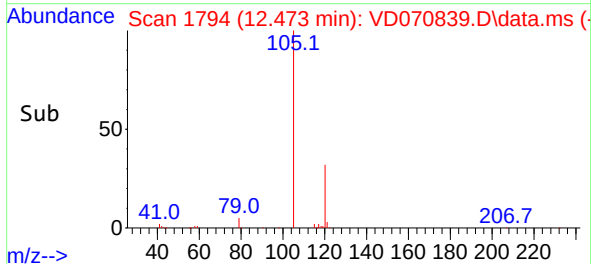
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



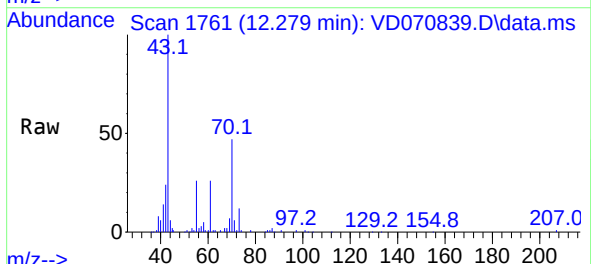
Tgt Ion:105 Resp: 462549
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.5

Manual Integrations
APPROVED

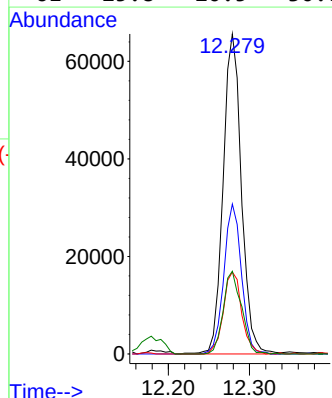
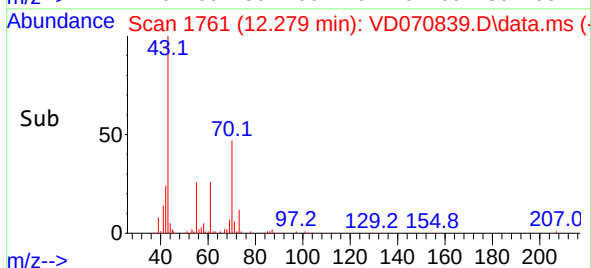
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

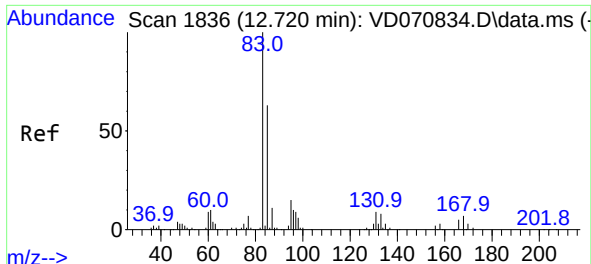


#74
N-ethyl acetate
Concen: 20.816 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41



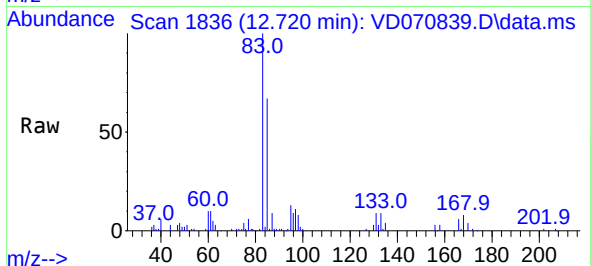
Tgt Ion: 43 Resp: 102817
Ion Ratio Lower Upper
43 100
70 45.0 36.6 55.0
55 25.7 22.5 33.7
61 25.8 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.636 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

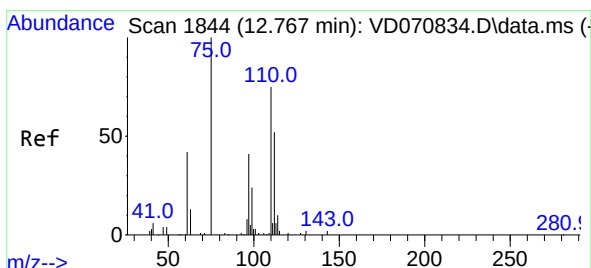
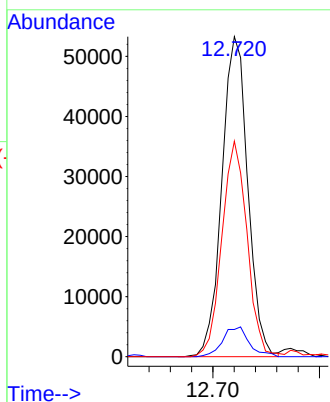
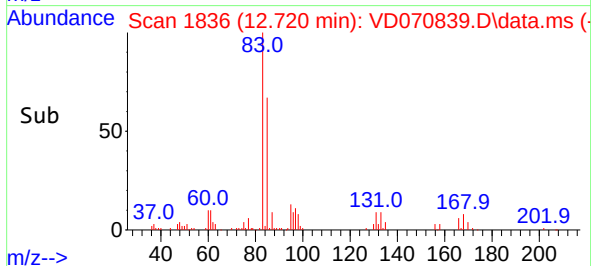
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



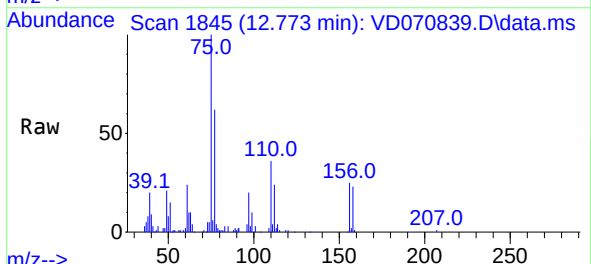
Tgt Ion: 83 Resp: 8998
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.7
85 65.5 32.0 96.2

Manual Integrations
APPROVED

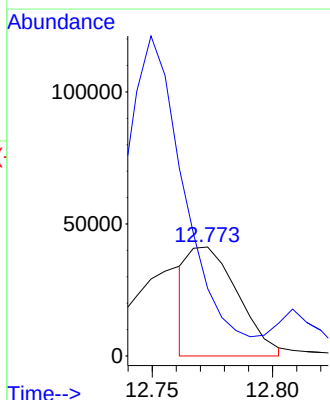
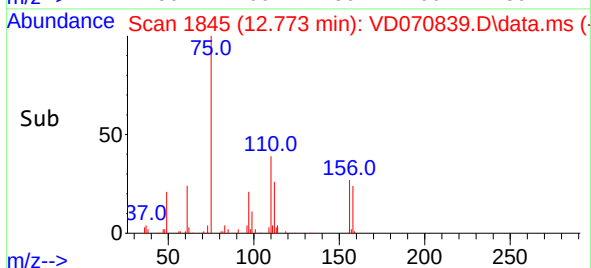
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

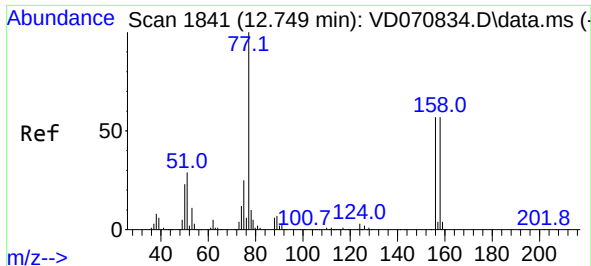


#76
1,2,3-Trichloropropane
Concen: 17.738 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41



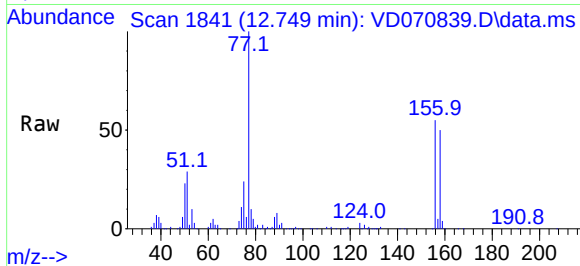
Tgt Ion: 75 Resp: 58794
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#





#77
Bromobenzene
Concen: 20.475 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

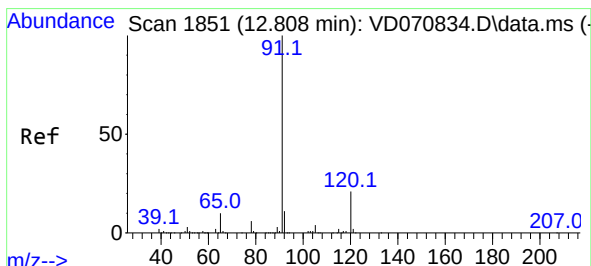
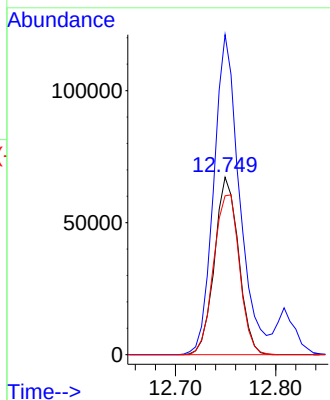
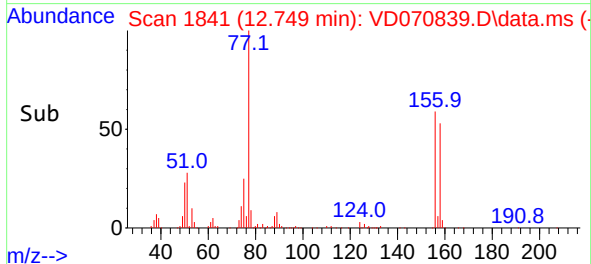
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



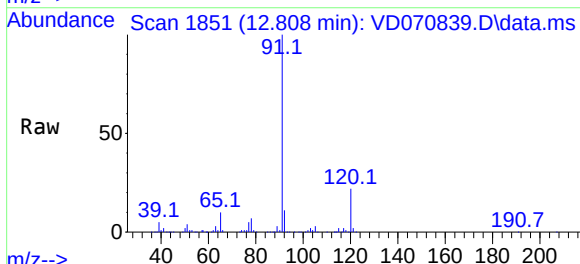
Tgt Ion:156 Resp: 112040
Ion Ratio Lower Upper
156 100
77 191.8 96.6 289.8
158 96.6 49.1 147.4

Manual Integrations
APPROVED

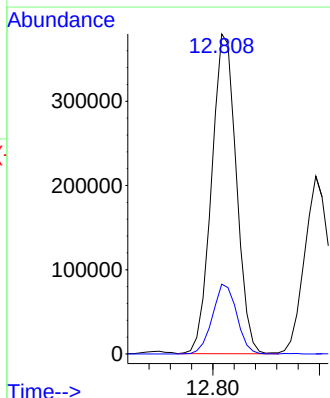
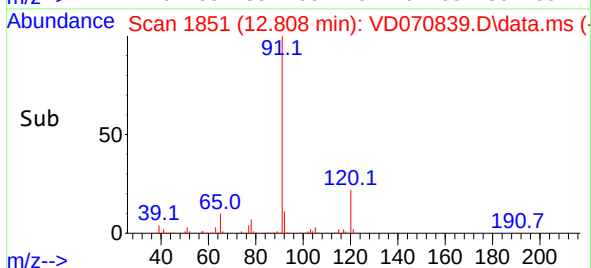
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

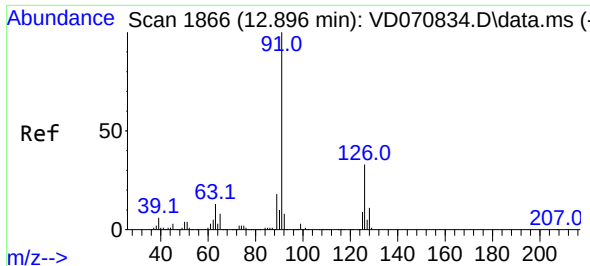


#78
n-propylbenzene
Concen: 21.211 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41



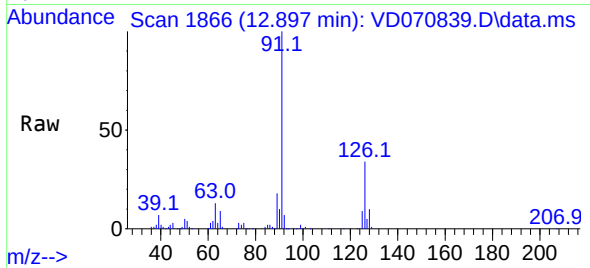
Tgt Ion: 91 Resp: 611440
Ion Ratio Lower Upper
91 100
120 21.4 10.9 32.9





#79
2-Chlorotoluene
Concen: 20.589 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

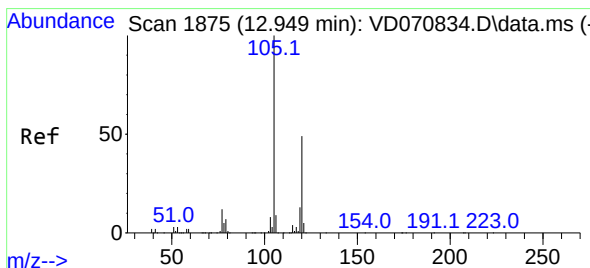
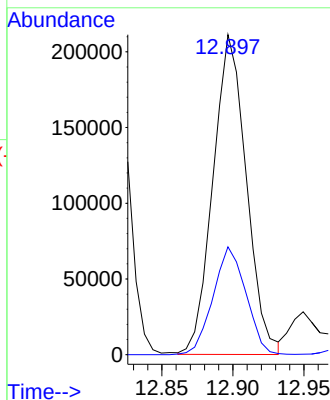
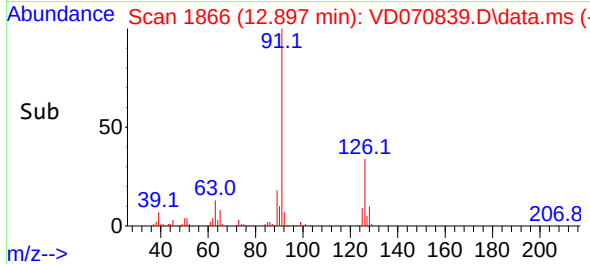
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



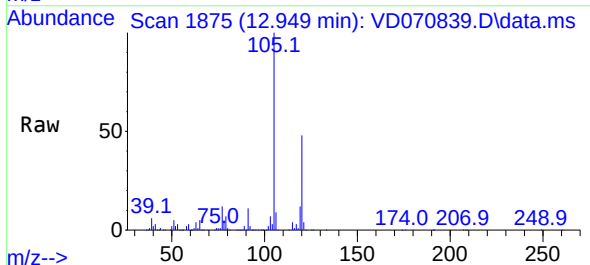
Tgt Ion: 91 Resp: 344615
Ion Ratio Lower Upper
91 100
126 33.3 16.6 49.7

Manual Integrations
APPROVED

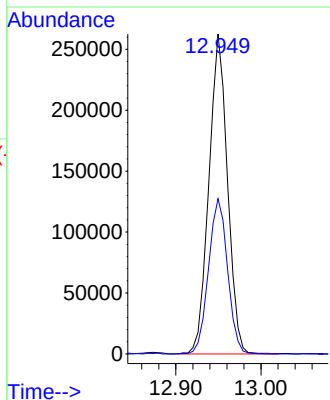
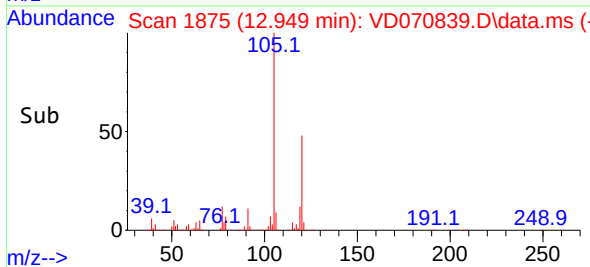
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

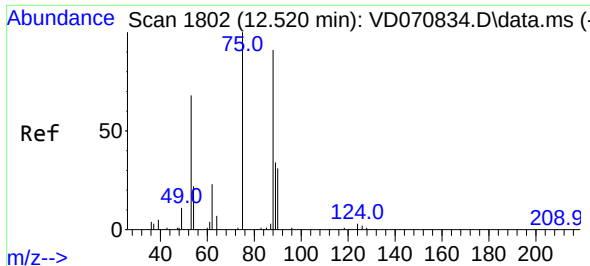


#80
1,3,5-Trimethylbenzene
Concen: 20.935 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41



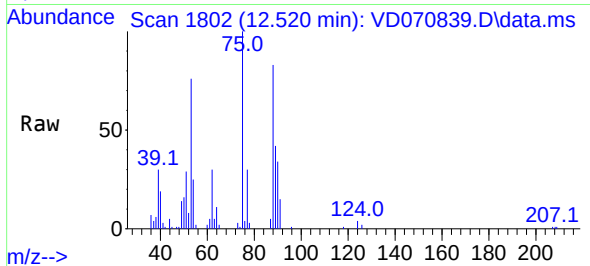
Tgt Ion:105 Resp: 399036
Ion Ratio Lower Upper
105 100
120 49.7 24.6 73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 19.863 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

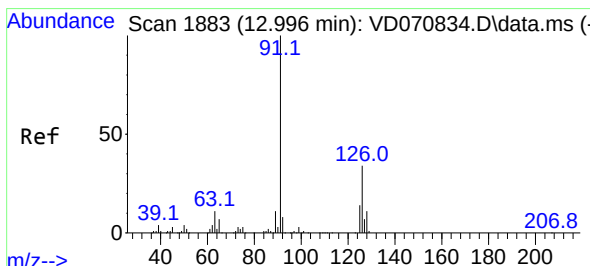
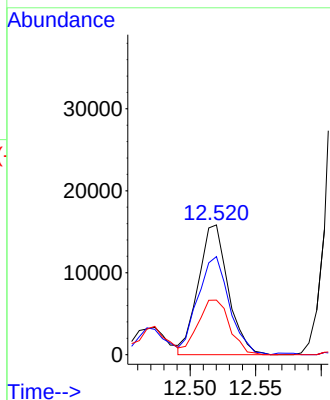
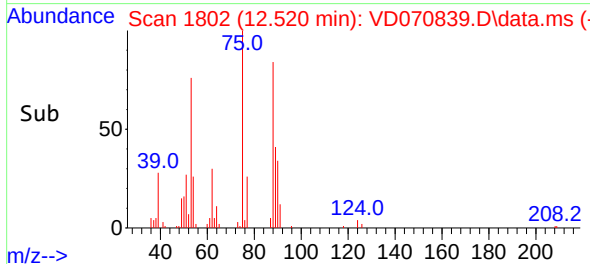
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



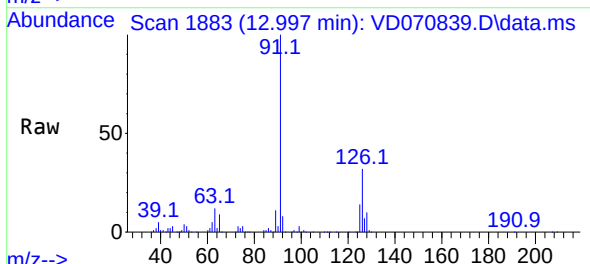
Tgt Ion: 75 Resp: 25084
Ion Ratio Lower Upper
75 100
53 80.1 62.6 94.0
89 44.9 34.5 51.7

Manual Integrations
APPROVED

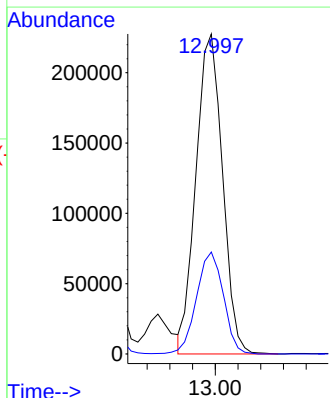
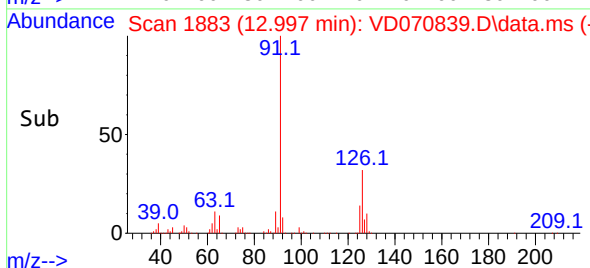
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

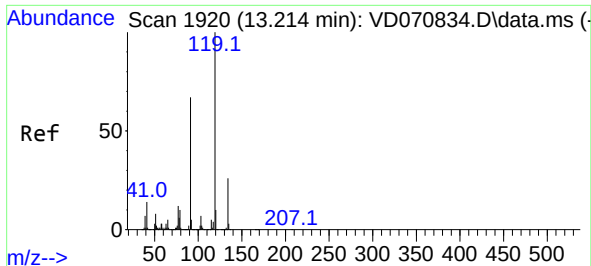


#82
4-Chlorotoluene
Concen: 21.246 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41



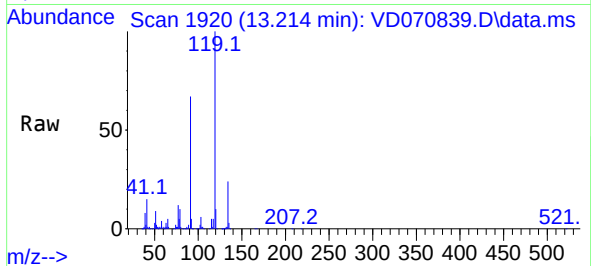
Tgt Ion: 91 Resp: 369565
Ion Ratio Lower Upper
91 100
126 32.3 16.4 49.1





#83
tert-Butylbenzene
Concen: 20.844 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

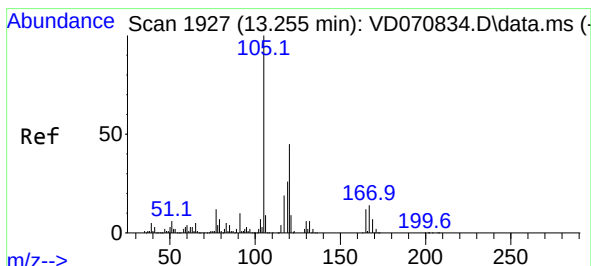
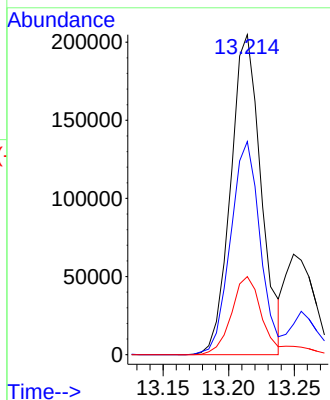
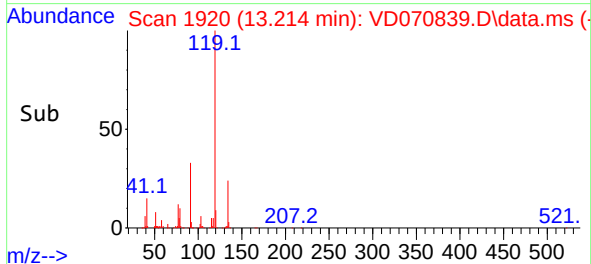
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



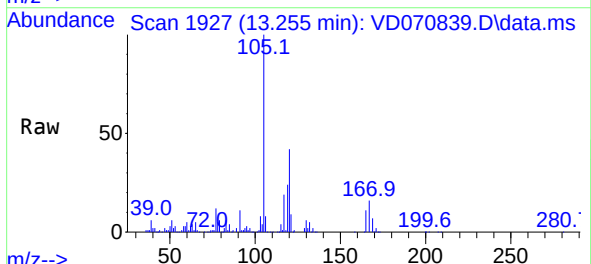
Tgt Ion:119 Resp: 331299
Ion Ratio Lower Upper
119 100
91 64.5 32.5 97.5
134 26.1 13.2 39.6

Manual Integrations
APPROVED

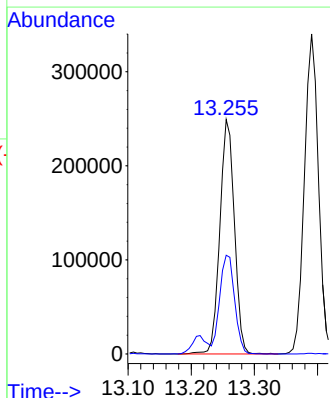
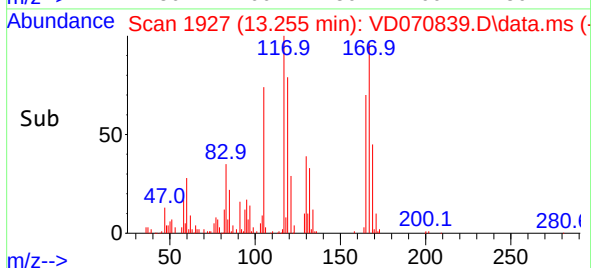
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

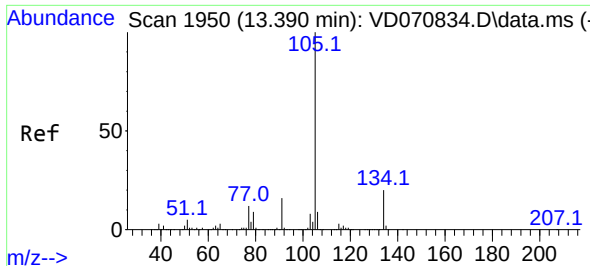


#84
1,2,4-Trimethylbenzene
Concen: 21.259 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41



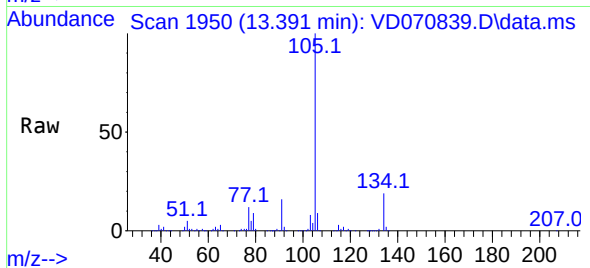
Tgt Ion:105 Resp: 399510
Ion Ratio Lower Upper
105 100
120 43.0 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 20.918 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD070839.D
 Acq: 26 Oct 2021 14:41

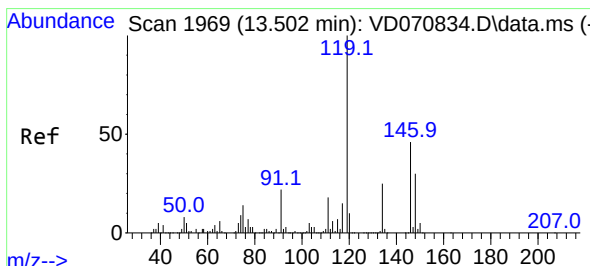
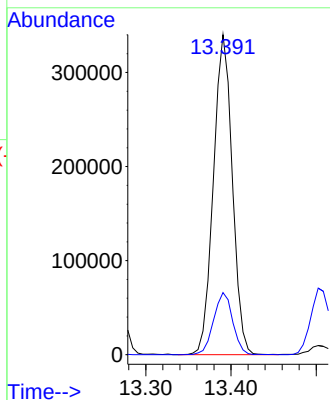
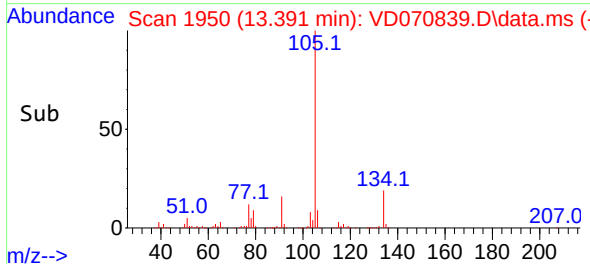
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1026SBS01



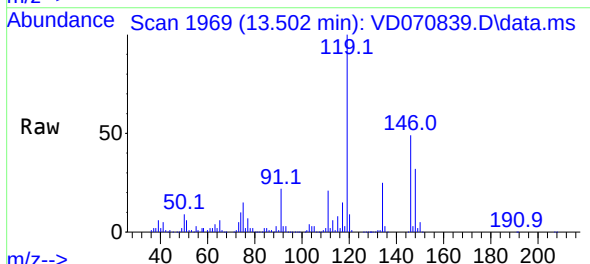
Tgt Ion:105 Resp: 524370
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 28.9

Manual Integrations
 APPROVED

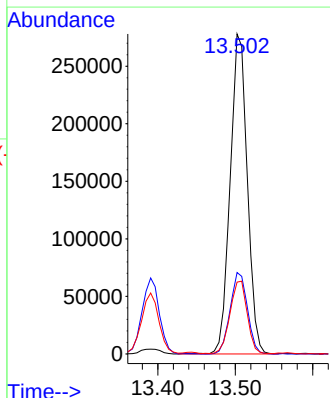
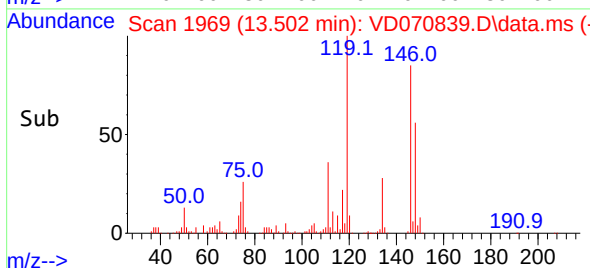
Reviewed By :Vimala Arumugam 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021

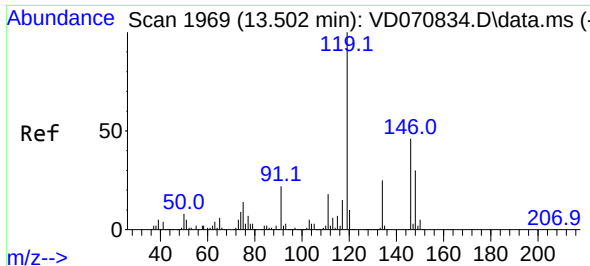


#86
 p-Isopropyltoluene
 Concen: 21.145 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD070839.D
 Acq: 26 Oct 2021 14:41



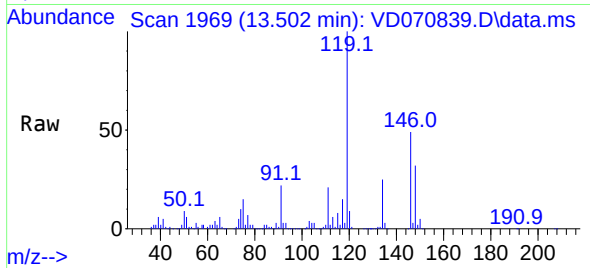
Tgt Ion:119 Resp: 426443
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 38.9
 91 22.7 11.4 34.2





#87
1,3-Dichlorobenzene
Concen: 20.377 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

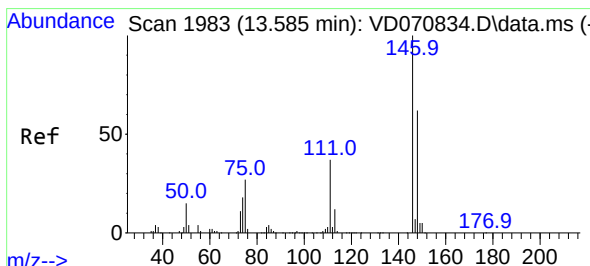
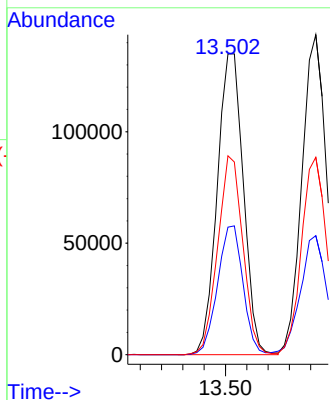
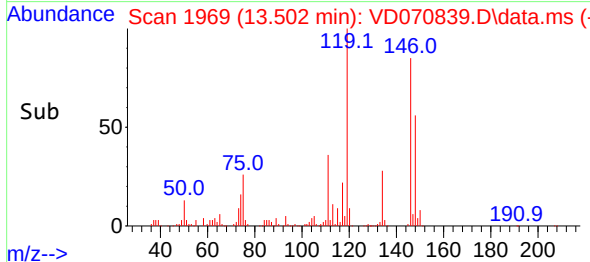
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



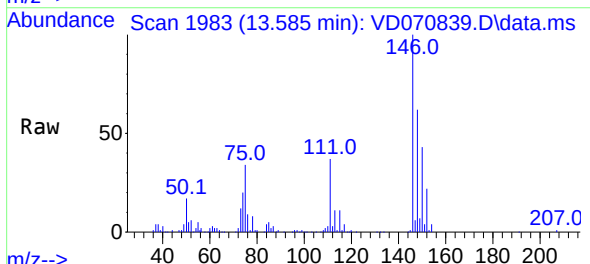
Tgt Ion:146 Resp: 23025
Ion Ratio Lower Upper
146 100
111 41.5 19.8 59.4
148 63.5 32.1 96.3

Manual Integrations
APPROVED

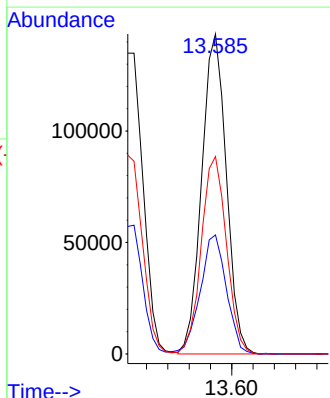
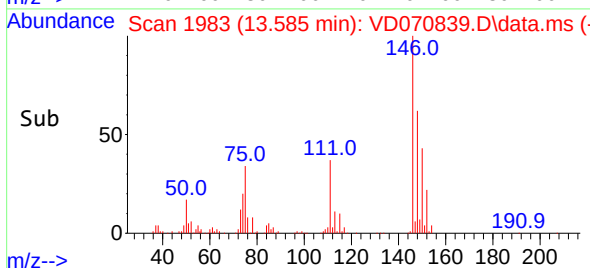
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

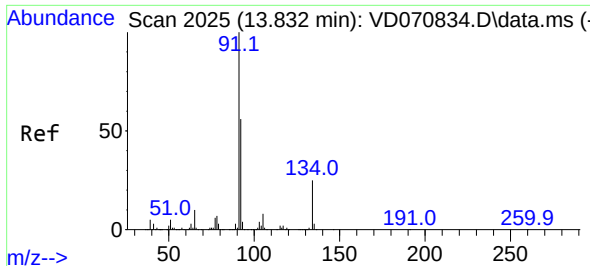


#88
1,4-Dichlorobenzene
Concen: 20.574 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41



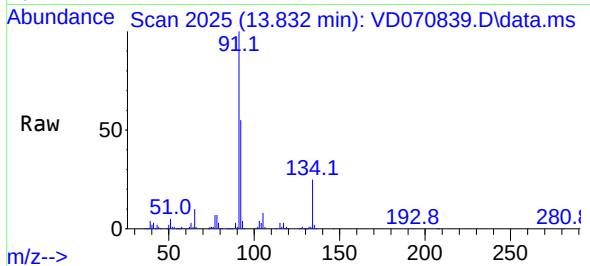
Tgt Ion:146 Resp: 230559
Ion Ratio Lower Upper
146 100
111 39.7 19.6 58.8
148 63.2 31.5 94.5





#89
n-Butylbenzene
Concen: 20.472 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

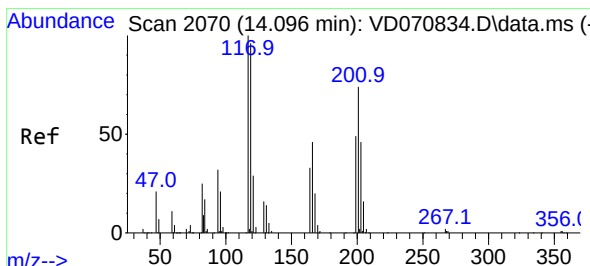
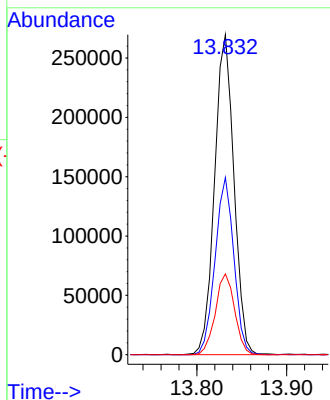
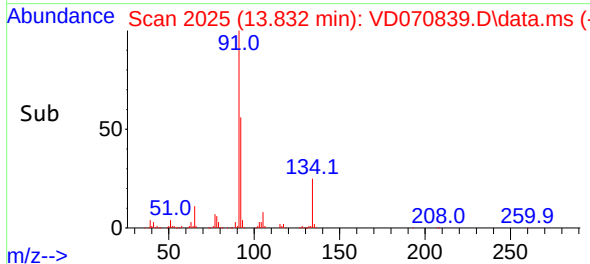
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



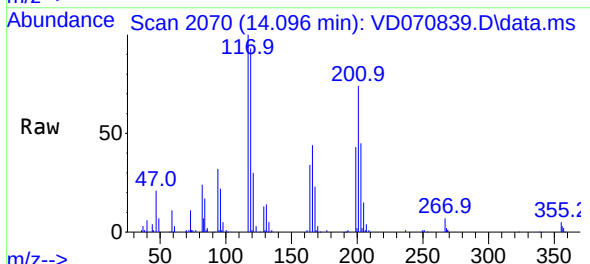
Tgt Ion: 91 Resp: 404539
Ion Ratio Lower Upper
91 100
92 53.5 27.3 81.9
134 25.1 12.3 36.9

Manual Integrations
APPROVED

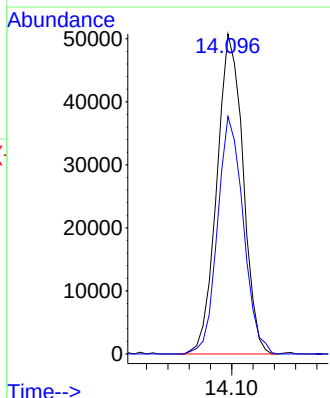
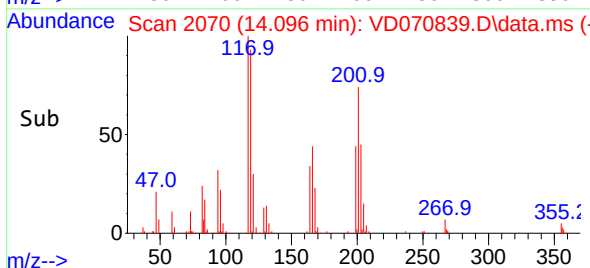
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

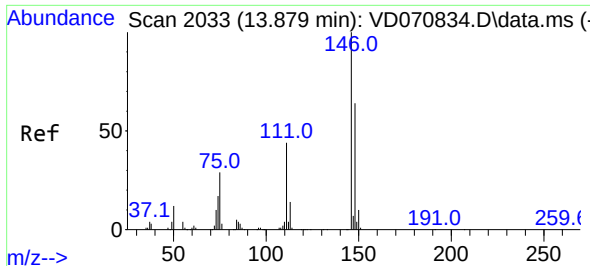


#90
Hexachloroethane
Concen: 19.144 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41



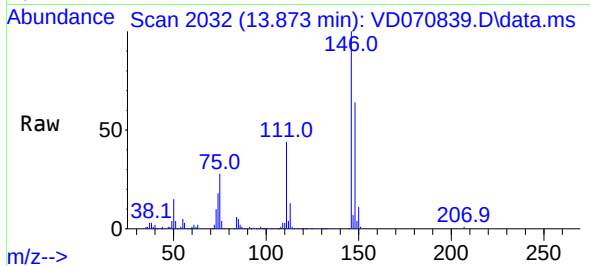
Tgt Ion:117 Resp: 86640
Ion Ratio Lower Upper
117 100
201 73.0 36.0 108.1





#91
1,2-Dichlorobenzene
Concen: 19.939 ug/l
RT: 13.873 min Scan# 2033
Delta R.T. -0.006 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

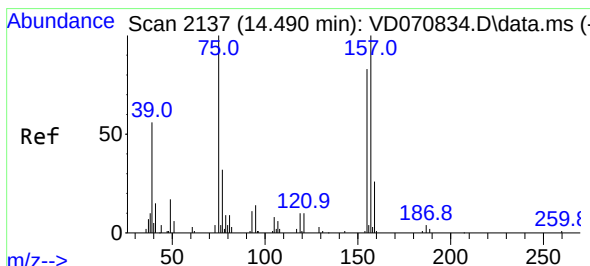
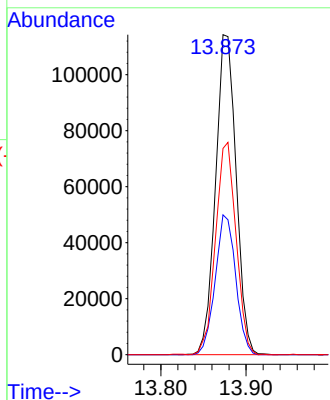
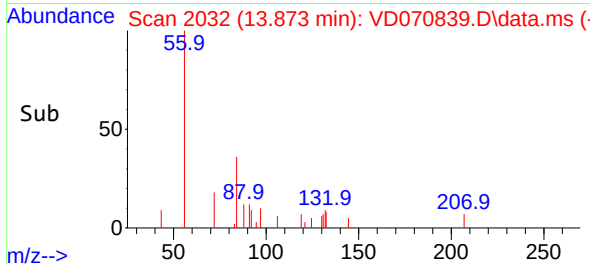
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



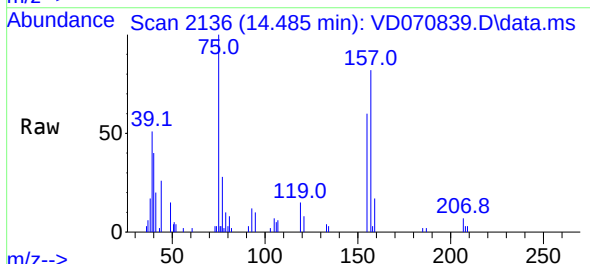
Tgt Ion:146 Resp: 192258
Ion Ratio Lower Upper
146 100
111 43.5 20.8 62.2
148 66.1 31.7 95.1

Manual Integrations
APPROVED

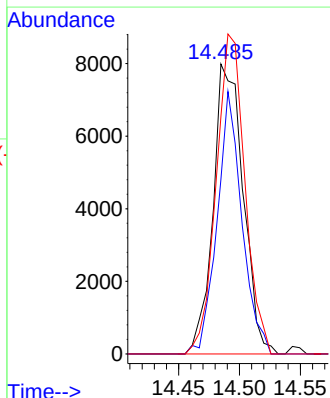
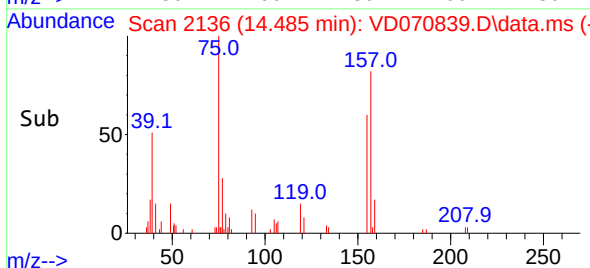
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

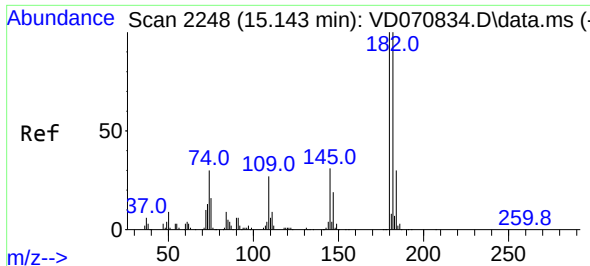


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.558 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41



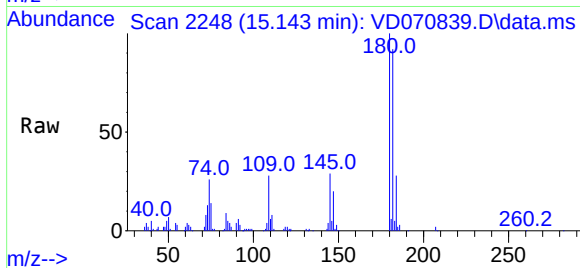
Tgt Ion: 75 Resp: 13726
Ion Ratio Lower Upper
75 100
155 74.7 40.0 120.0
157 105.3 49.8 149.3





#93
1,2,4-Trichlorobenzene
Concen: 20.791 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

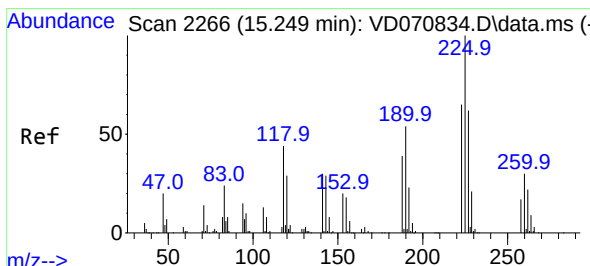
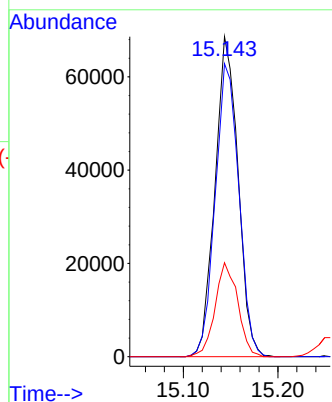
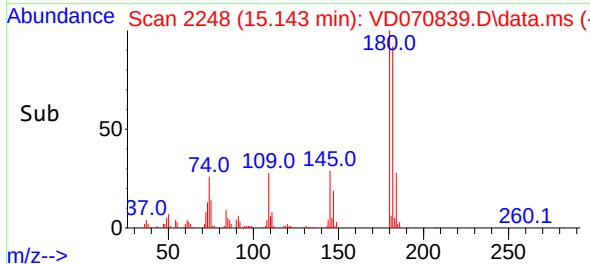
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



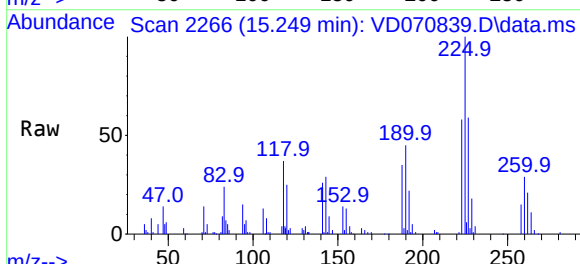
Tgt Ion:180 Resp: 115839
Ion Ratio Lower Upper
180 100
182 93.9 48.2 144.6
145 29.0 15.4 46.2

Manual Integrations
APPROVED

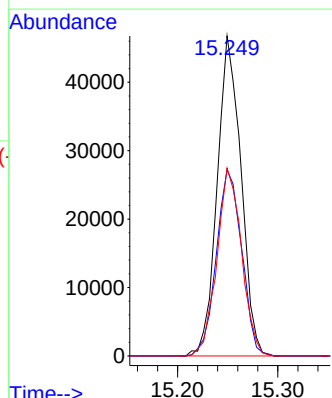
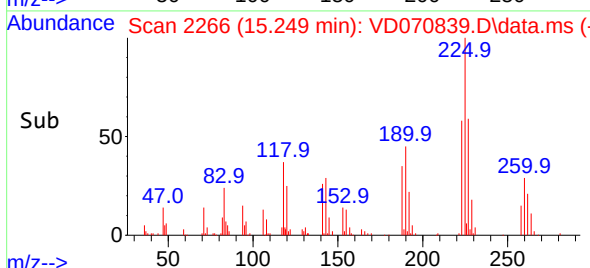
Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

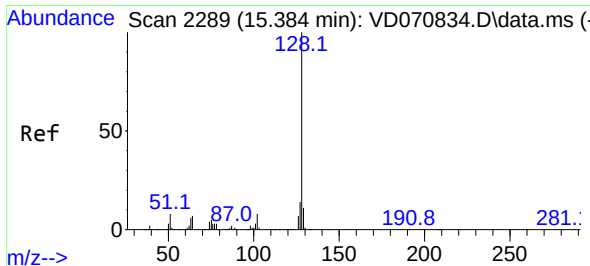


#94
Hexachlorobutadiene
Concen: 20.974 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41



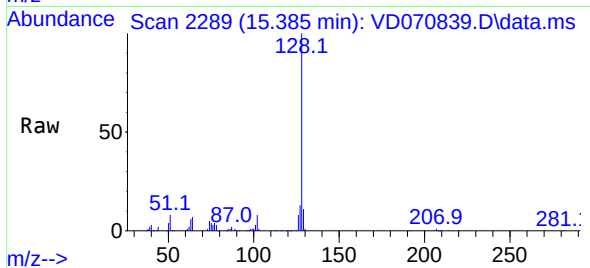
Tgt Ion:225 Resp: 76993
Ion Ratio Lower Upper
225 100
223 62.1 31.8 95.3
227 60.8 31.6 94.8





#95
Naphthalene
Concen: 20.043 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.001 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41

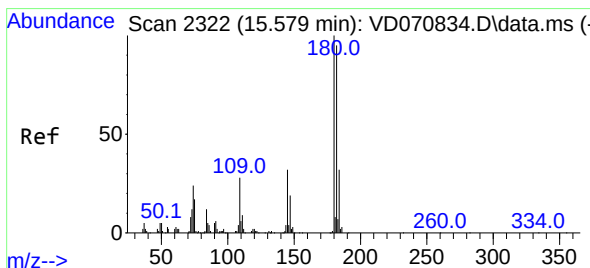
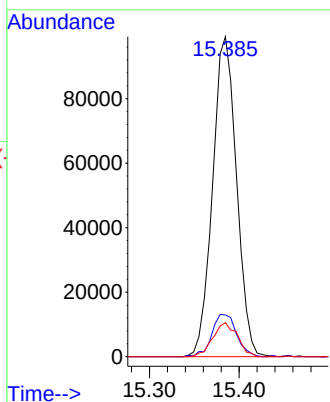
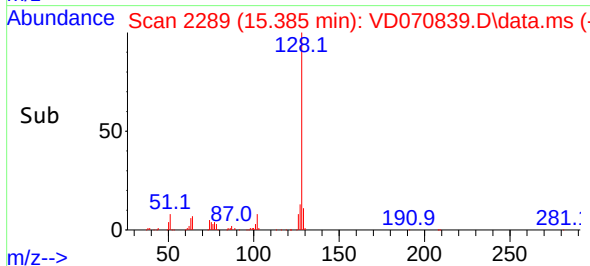
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01



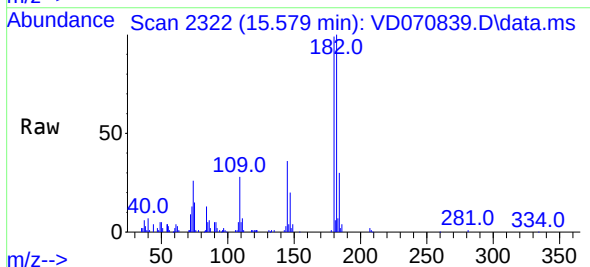
Tgt Ion:128 Resp: 18347
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#96
1,2,3-Trichlorobenzene
Concen: 20.461 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD070839.D
Acq: 26 Oct 2021 14:41



Tgt Ion:180 Resp: 99060
Ion Ratio Lower Upper
180 100
182 96.5 46.7 140.1
145 33.0 15.9 47.6

