

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
 Data File : VD075696.D
 Acq On : 17 Apr 2023 12:39
 Operator : KP/SY
 Sample : VD0417SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0417SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/18/2023
 Supervised By : Mahesh Dadoda 04/18/2023

Quant Time: Apr 18 01:17:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	200530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	341738	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	355566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	153454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	84420	44.352	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.700%		
35) Dibromofluoromethane	7.811	113	106572	46.365	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.740%		
50) Toluene-d8	10.269	98	424127	46.077	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.160%		
62) 4-Bromofluorobenzene	12.575	95	112904	46.148	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.929	85	43473	23.332	ug/l	94
3) Chloromethane	2.146	50	67039	19.926	ug/l	96
4) Vinyl Chloride	2.281	62	92104	20.630	ug/l	100
5) Bromomethane	2.681	94	69397	19.908	ug/l	98
6) Chloroethane	2.834	64	61244	20.375	ug/l	99
7) Trichlorofluoromethane	3.175	101	79802	23.069	ug/l	97
8) Diethyl Ether	3.599	74	20781	19.302	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.970	101	49807	22.961	ug/l	95
10) Methyl Iodide	4.164	142	56627	19.074	ug/l	91
11) Tert butyl alcohol	5.046	59	8518	89.169	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	49381	21.986	ug/l	84
13) Acrolein	3.793	56	18969	98.445	ug/l	98
14) Allyl chloride	4.558	41	40989	20.038	ug/l #	80
15) Acrylonitrile	5.258	53	40001	99.473	ug/l	99
16) Acetone	4.023	43	33241	95.327	ug/l #	84
17) Carbon Disulfide	4.270	76	155104	21.102	ug/l	98
18) Methyl Acetate	4.564	43	25320	21.532	ug/l #	75
19) Methyl tert-butyl Ether	5.317	73	82491	18.924	ug/l	92
20) Methylene Chloride	4.799	84	71025	23.926	ug/l #	72
21) trans-1,2-Dichloroethene	5.311	96	54816	20.492	ug/l #	76
22) Diisopropyl ether	6.211	45	94031	20.343	ug/l #	91
23) Vinyl Acetate	6.158	43	215180	100.227	ug/l #	83
24) 1,1-Dichloroethane	6.111	63	79581	20.778	ug/l #	97
25) 2-Butanone	7.081	43	44514	99.146	ug/l #	76
26) 2,2-Dichloropropane	7.075	77	67454	19.426	ug/l	91
27) cis-1,2-Dichloroethene	7.075	96	58206	19.643	ug/l	80
28) Bromochloromethane	7.422	49	24683	20.387	ug/l #	45
29) Tetrahydrofuran	7.452	42	25774	104.974	ug/l #	57
30) Chloroform	7.593	83	88575	20.399	ug/l	98
31) Cyclohexane	7.875	56	64506	21.596	ug/l #	71
32) 1,1,1-Trichloroethane	7.793	97	76828	21.700	ug/l	95
36) 1,1-Dichloropropene	8.005	75	66807	21.068	ug/l	94
37) Ethyl Acetate	7.169	43	18515	19.186	ug/l #	81
38) Carbon Tetrachloride	7.993	117	63069	22.586	ug/l	93
39) Methylcyclohexane	9.275	83	82230	22.426	ug/l	92
40) Benzene	8.252	78	201083	20.399	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	9031	19.502	ug/l #	31
42) 1,2-Dichloroethane	8.328	62	46057	20.570	ug/l	92
43) Isopropyl Acetate	8.363	43	34848	19.803	ug/l #	79
44) Trichloroethene	9.028	130	59147	21.201	ug/l	88
45) 1,2-Dichloropropane	9.305	63	46083	20.861	ug/l	90
46) Dibromomethane	9.399	93	28715	20.490	ug/l	96
47) Bromodichloromethane	9.587	83	66256	20.668	ug/l	98
48) Methyl methacrylate	9.381	41	16190	20.651	ug/l #	61
49) 1,4-Dioxane	9.381	88	5338	383.914	ug/l #	77
51) 4-Methyl-2-Pentanone	10.157	43	92245	98.317	ug/l #	78
52) Toluene	10.334	92	132186	20.166	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	58919	19.173	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	71556	19.598	ug/l #	78
55) 1,1,2-Trichloroethane	10.734	97	44261	21.813	ug/l #	85
56) Ethyl methacrylate	10.599	69	37704	18.881	ug/l #	66
57) 1,3-Dichloropropane	10.881	76	66669	21.642	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	87543	102.078	ug/l #	84
59) 2-Hexanone	10.922	43	73592	111.555	ug/l	76
60) Dibromochloromethane	11.075	129	52061	21.926	ug/l	99
61) 1,2-Dibromoethane	11.181	107	41804	21.597	ug/l	98
64) Tetrachloroethene	10.810	164	58678	22.914	ug/l	90
65) Chlorobenzene	11.610	112	167939	22.051	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.687	131	57135	21.822	ug/l	96
67) Ethyl Benzene	11.687	91	265131	21.451	ug/l	94
68) m/p-Xylenes	11.799	106	215501	42.544	ug/l	89
69) o-Xylene	12.122	106	96472	21.063	ug/l	91
70) Styrene	12.140	104	165812	19.992	ug/l	93
71) Bromoform	12.304	173	26282	19.203	ug/l #	98
73) Isopropylbenzene	12.422	105	217005	21.547	ug/l	99
74) N-amyl acetate	12.240	43	30916	20.890	ug/l #	69
75) 1,1,2,2-Tetrachloroethane	12.675	83	42292	21.617	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	32334m	25.838	ug/l	
77) Bromobenzene	12.704	156	52288	20.139	ug/l	92
78) n-propylbenzene	12.763	91	271026	21.954	ug/l	98
79) 2-Chlorotoluene	12.851	91	145251	20.745	ug/l	92
80) 1,3,5-Trimethylbenzene	12.910	105	181235	21.586	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	12501	21.651	ug/l #	68
82) 4-Chlorotoluene	12.951	91	153225	21.046	ug/l	94
83) tert-Butylbenzene	13.169	119	150688	21.286	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	180875	21.470	ug/l	95
85) sec-Butylbenzene	13.351	105	241504	22.113	ug/l	98
86) p-Isopropyltoluene	13.463	119	195429	21.495	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	110928	20.537	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	110869	20.776	ug/l	98
89) n-Butylbenzene	13.793	91	180291	21.528	ug/l	99
90) Hexachloroethane	14.057	117	39237	21.721	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	94985	20.528	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5195	19.808	ug/l	78
93) 1,2,4-Trichlorobenzene	15.104	180	50116	18.617	ug/l	97
94) Hexachlorobutadiene	15.204	225	25139	19.539	ug/l	95
95) Naphthalene	15.334	128	94827	18.594	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	44731	18.879	ug/l	97

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ClientSampleId :
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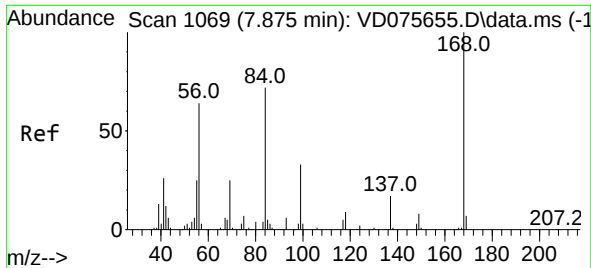
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/18/2023

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Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration

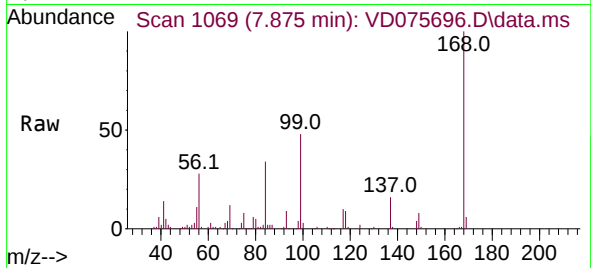
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075696.D
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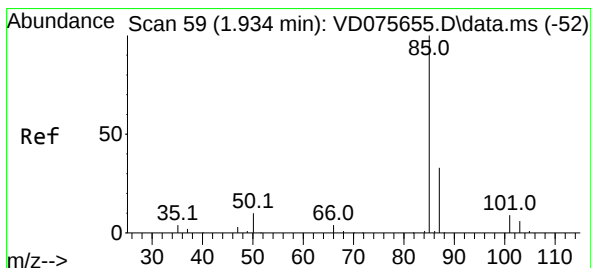
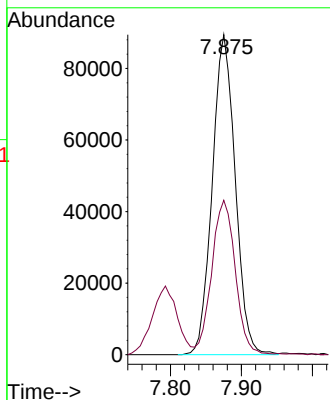
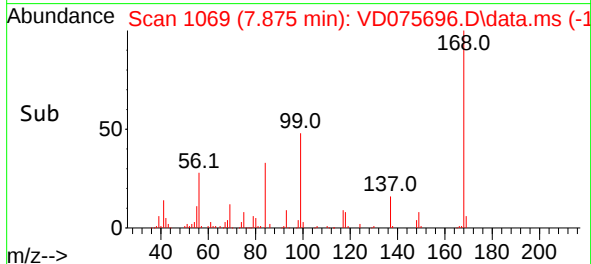
Instrument :
MSVOA_D
ClientSampleId :
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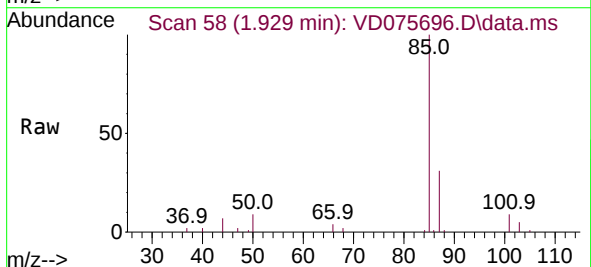
Tgt Ion:168 Resp: 200530
Ion Ratio Lower Upper
168 100
99 47.9 43.8 65.6

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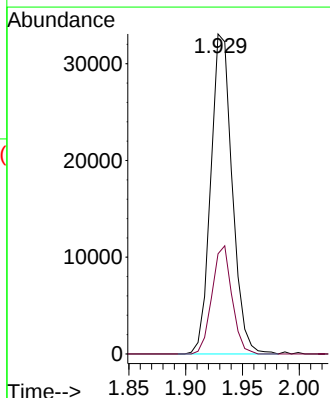
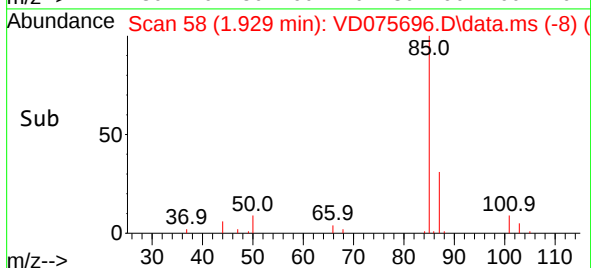
Reviewed By :John Carlone 04/18/2023
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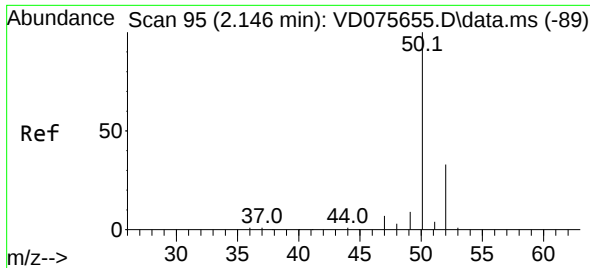


#2
Dichlorodifluoromethane
Concen: 23.332 ug/l
RT: 1.929 min Scan# 58
Delta R.T. -0.005 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39



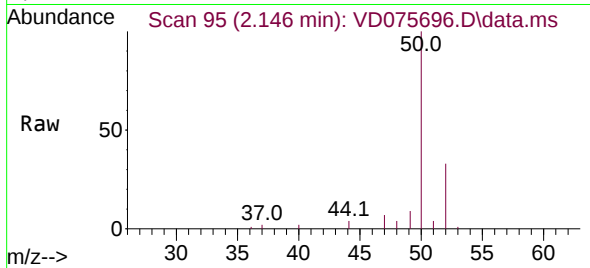
Tgt Ion: 85 Resp: 43473
Ion Ratio Lower Upper
85 100
87 31.3 17.3 51.7





#3
Chloromethane
Concen: 19.926 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

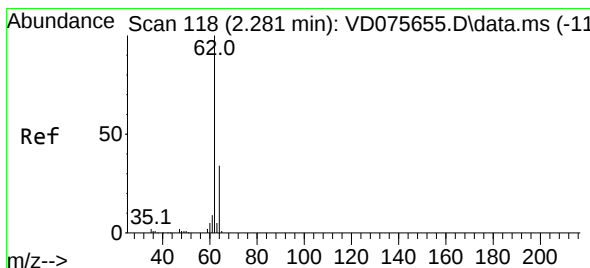
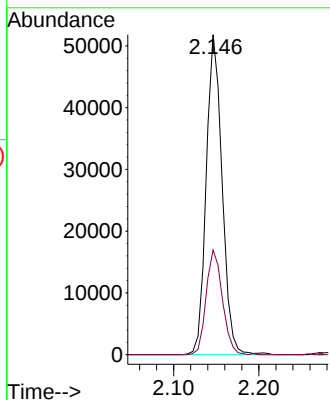
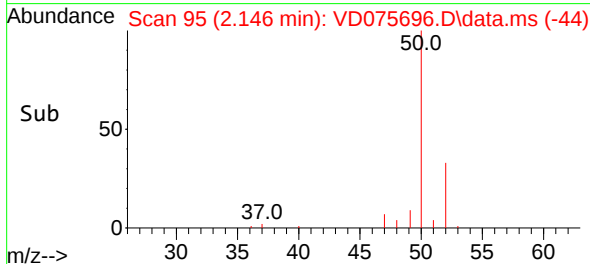
Instrument :
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ClientSampleId :
VD0417SBS01



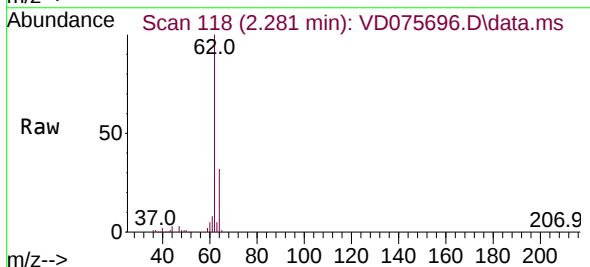
Tgt Ion: 50 Resp: 67039
Ion Ratio Lower Upper
50 100
52 32.7 27.8 41.8

Manual Integrations
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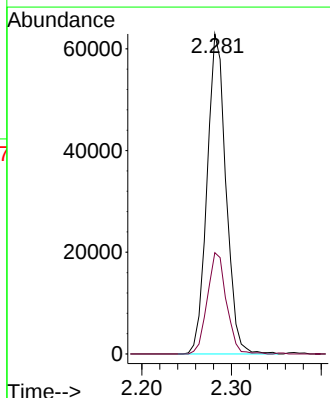
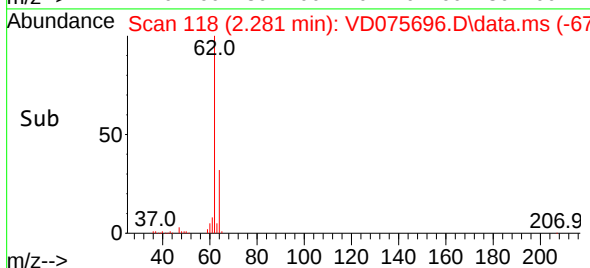
Reviewed By :John Carlone 04/18/2023
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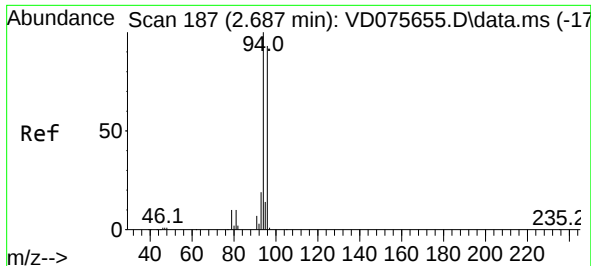


#4
Vinyl Chloride
Concen: 20.630 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39



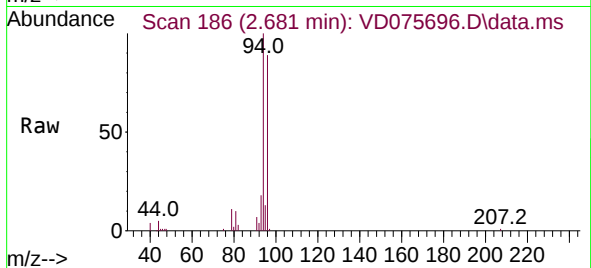
Tgt Ion: 62 Resp: 92104
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0





#5
Bromomethane
Concen: 19.908 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.006 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

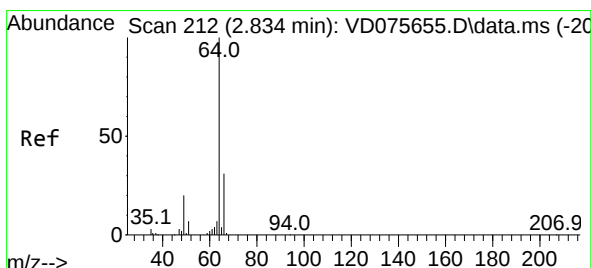
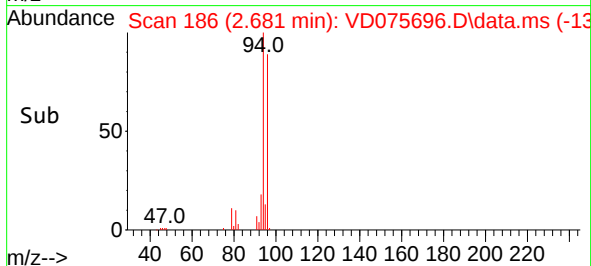
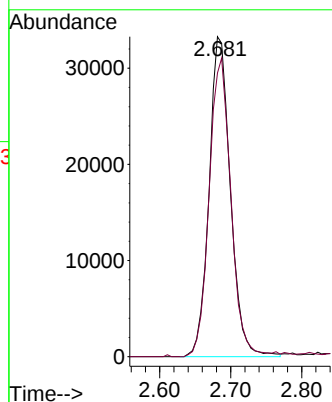
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Tgt Ion: 94 Resp: 69397
Ion Ratio Lower Upper
94 100
96 95.2 77.5 116.3

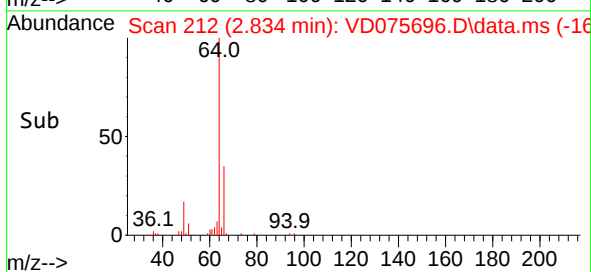
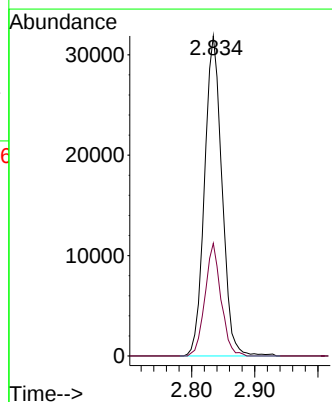
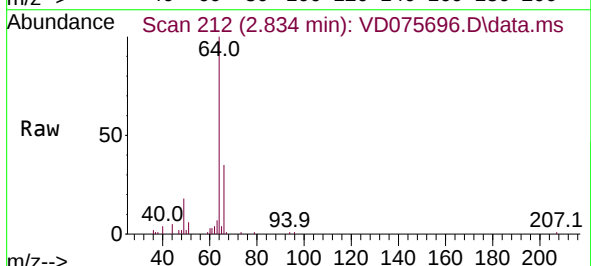
Manual Integrations
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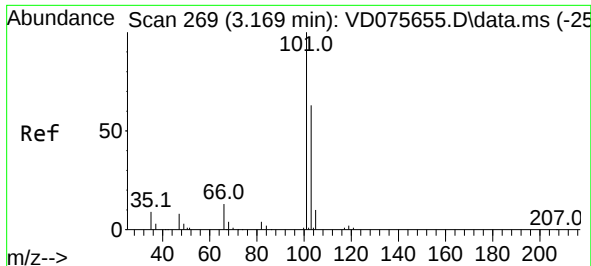
Reviewed By :John Carlone 04/18/2023
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#6
Chloroethane
Concen: 20.375 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

Tgt Ion: 64 Resp: 61244
Ion Ratio Lower Upper
64 100
66 35.2 27.7 41.5





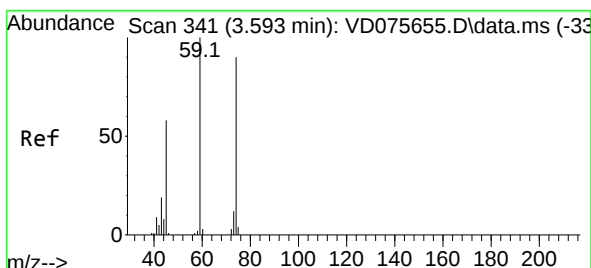
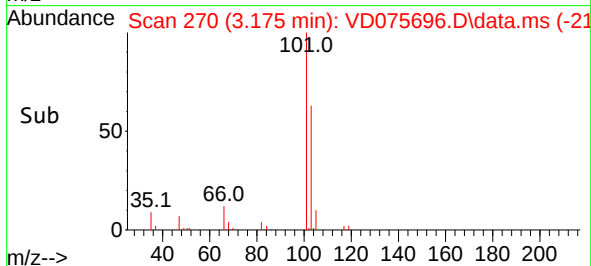
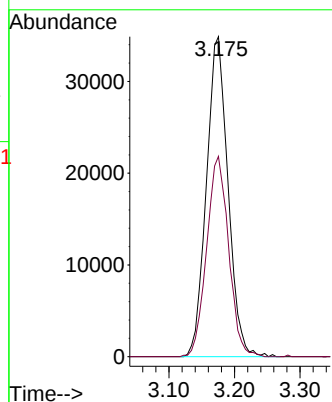
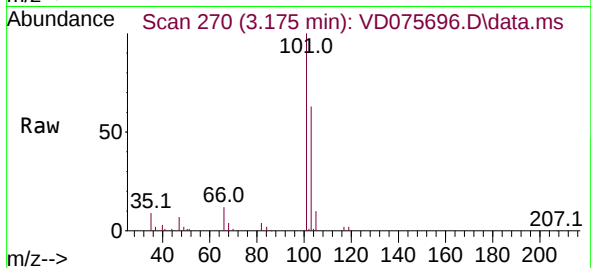
#7
Trichlorofluoromethane
Concen: 23.069 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

Instrument :
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ClientSampleId :
VD0417SBS01

Tgt Ion:101 Resp: 7980
Ion Ratio Lower Upper
101 100
103 62.6 51.9 77.9

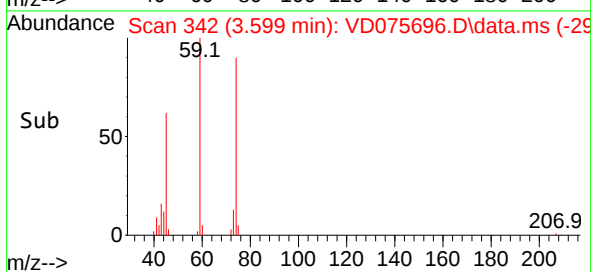
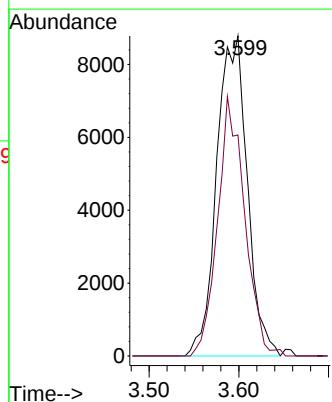
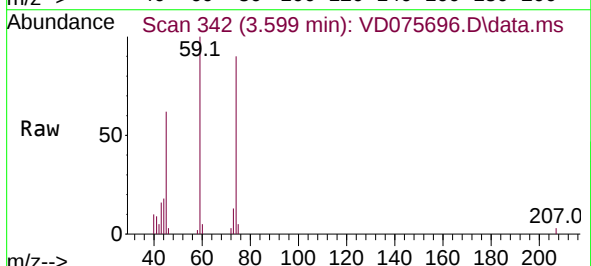
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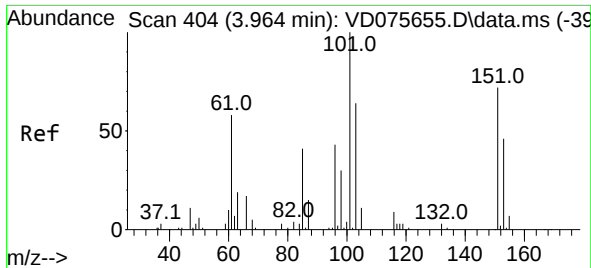
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#8
Diethyl Ether
Concen: 19.302 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

Tgt Ion: 74 Resp: 20781
Ion Ratio Lower Upper
74 100
45 71.9 50.9 152.7





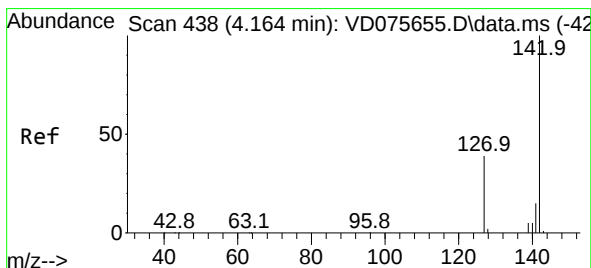
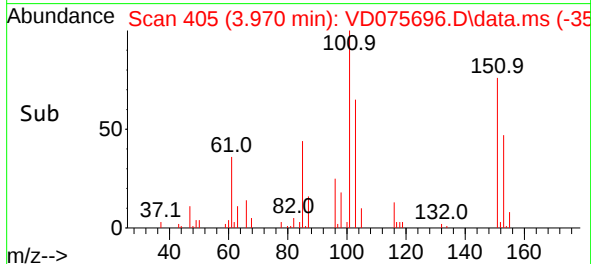
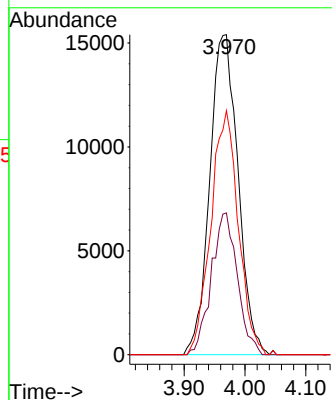
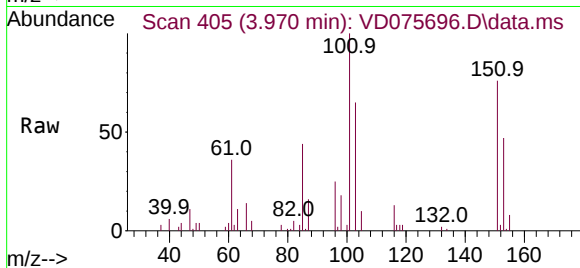
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.961 ug/l
RT: 3.970 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tgt Ion:101 Resp: 4980
Ion Ratio Lower Upper
101 100
85 40.7 38.3 57.5
151 73.7 60.4 90.6

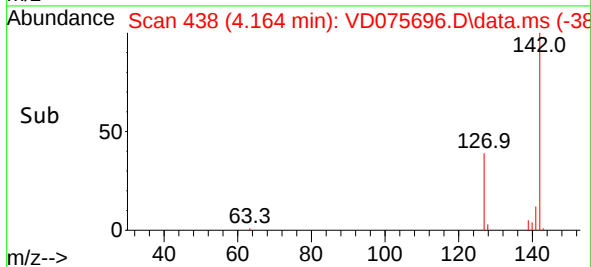
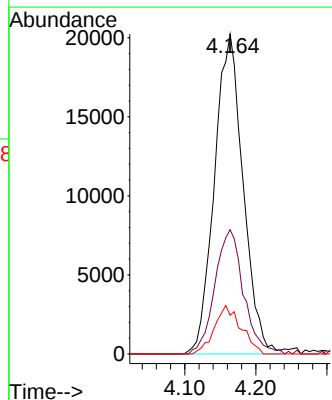
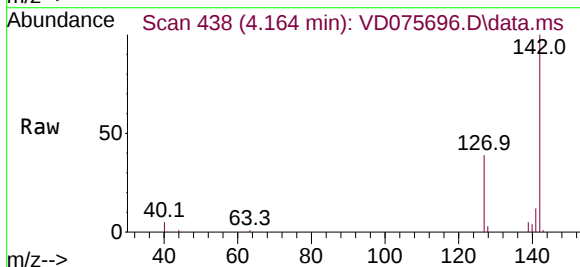
Manual Integrations
APPROVED

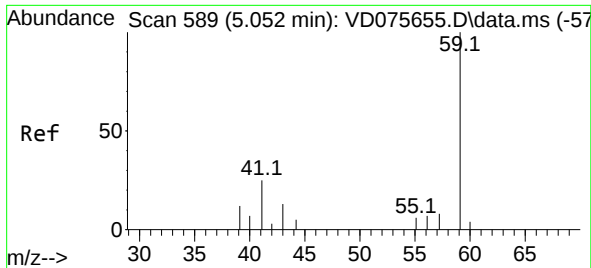
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#10
Methyl Iodide
Concen: 19.074 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

Tgt Ion:142 Resp: 56627
Ion Ratio Lower Upper
142 100
127 38.9 37.1 55.7
141 14.1 11.3 16.9





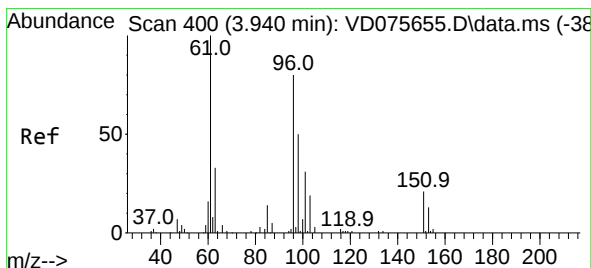
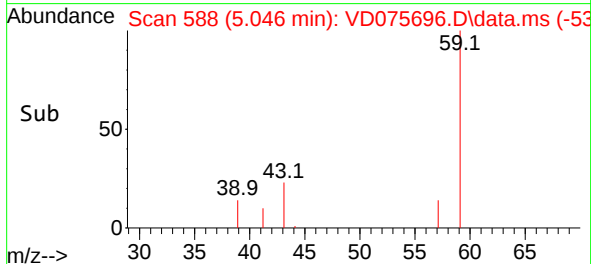
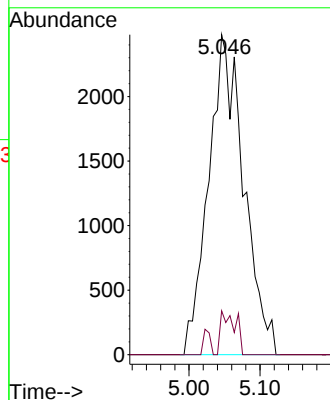
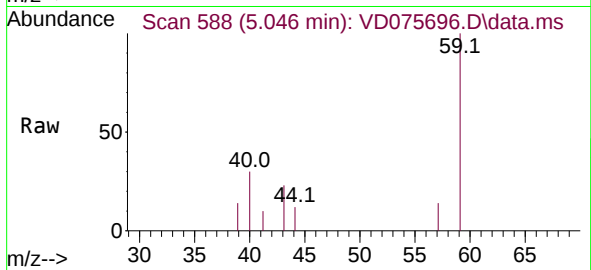
#11
Tert butyl alcohol
Concen: 89.169 ug/l
RT: 5.046 min Scan# 588
Delta R.T. -0.006 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tgt Ion: 59 Resp: 8518
Ion Ratio Lower Upper
59 100
57 5.7 0.0 0.0

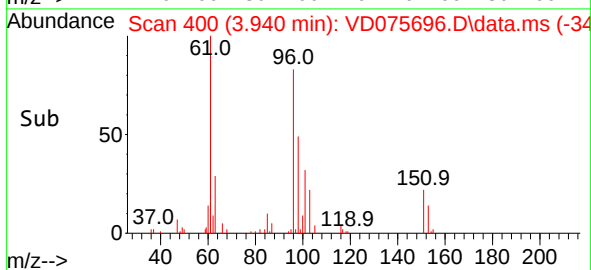
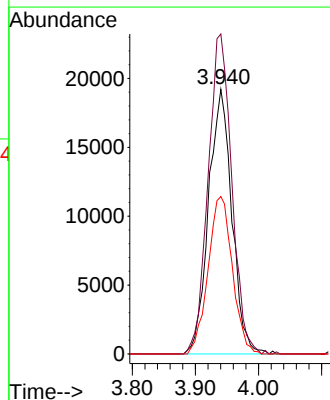
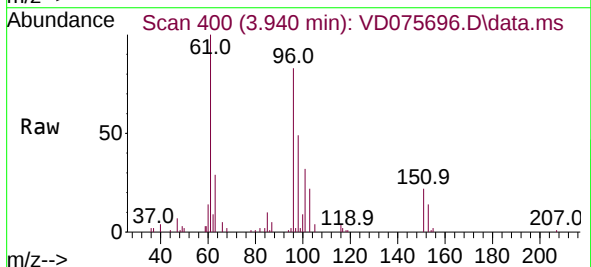
Manual Integrations
APPROVED

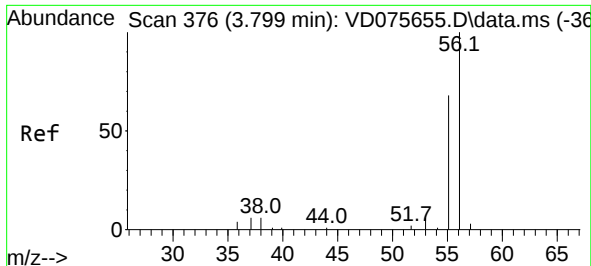
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#12
1,1-Dichloroethene
Concen: 21.986 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

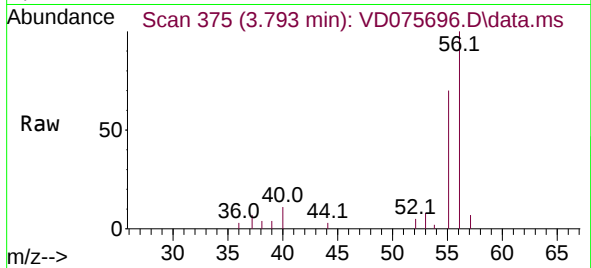
Tgt Ion: 96 Resp: 49381
Ion Ratio Lower Upper
96 100
61 120.9 118.6 177.8
98 59.5 49.7 74.5





#13
Acrolein
Concen: 98.445 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

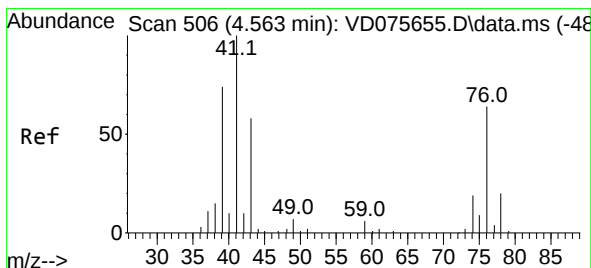
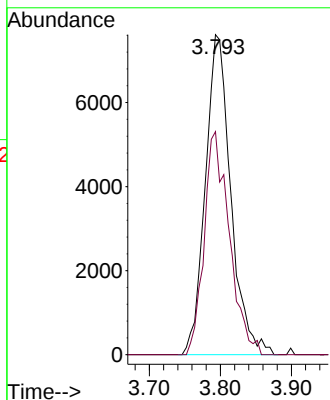
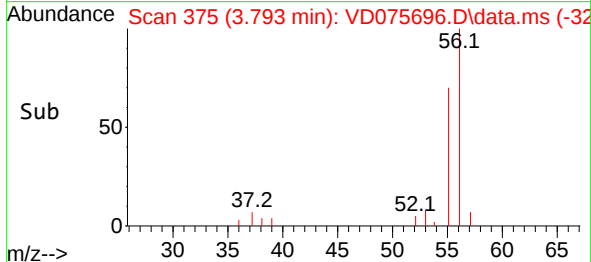
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



Tgt Ion: 56 Resp: 1896
Ion Ratio Lower Upper
56 100
55 68.8 53.9 80.9

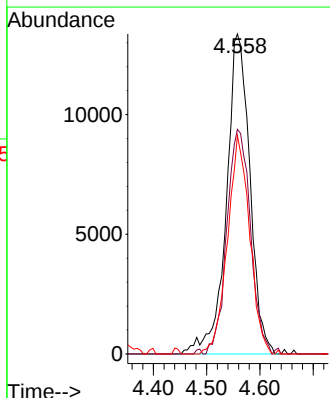
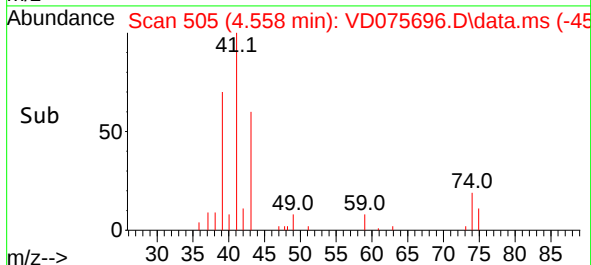
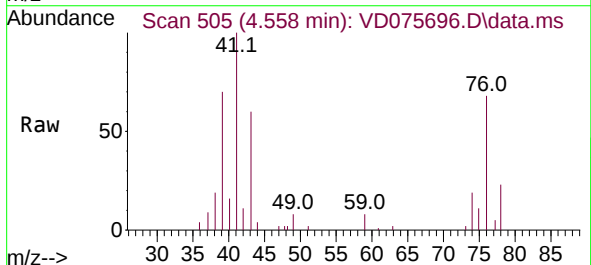
Manual Integrations
APPROVED

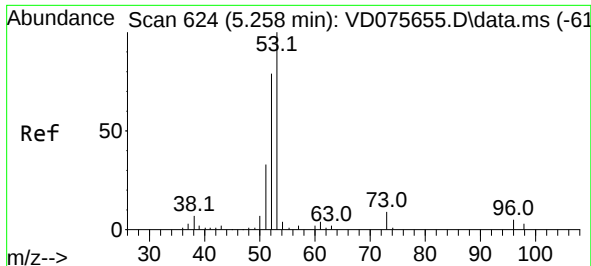
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#14
Allyl chloride
Concen: 20.038 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

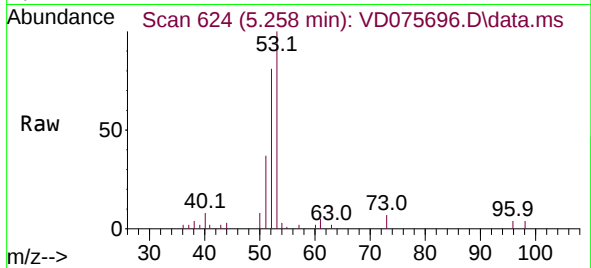
Tgt Ion: 41 Resp: 40989
Ion Ratio Lower Upper
41 100
39 70.4 60.6 90.8
76 64.4 28.6 43.0#





#15
Acrylonitrile
Concen: 99.473 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

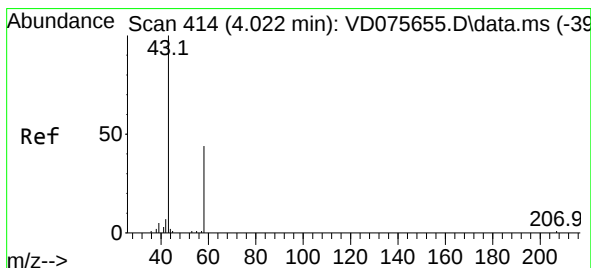
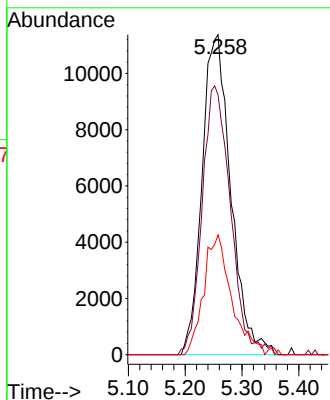
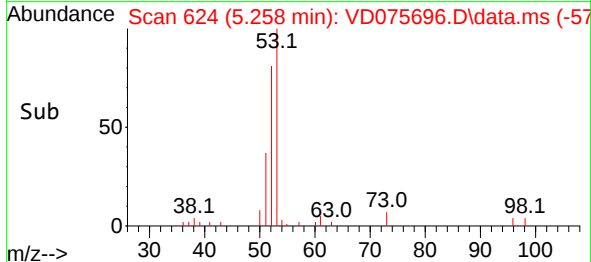
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



Tgt Ion: 53 Resp: 4000
Ion Ratio Lower Upper
53 100
52 83.1 66.2 99.4
51 36.2 30.7 46.1

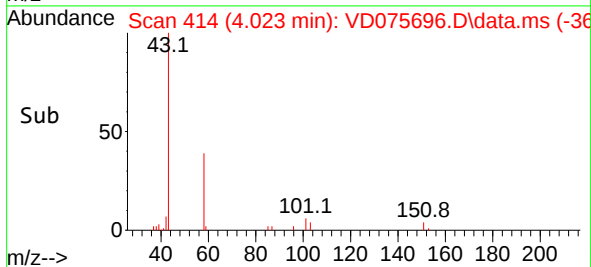
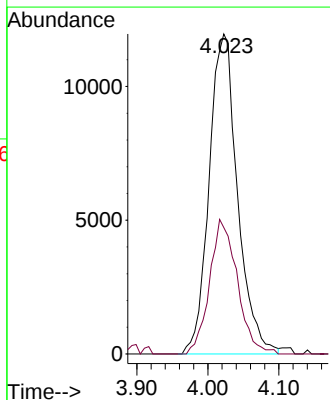
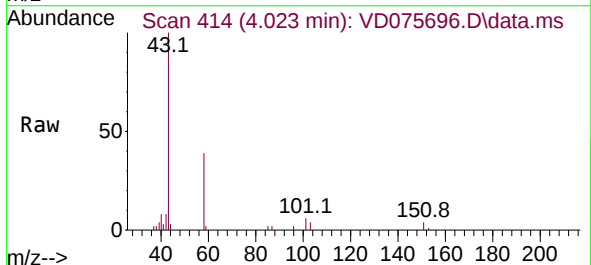
Manual Integrations
APPROVED

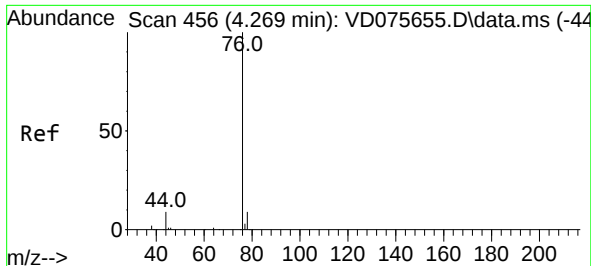
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#16
Acetone
Concen: 95.327 ug/l
RT: 4.023 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

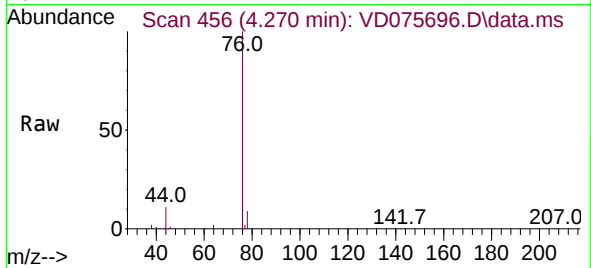
Tgt Ion: 43 Resp: 33241
Ion Ratio Lower Upper
43 100
58 39.5 24.4 36.6#





#17
Carbon Disulfide
Concen: 21.102 ug/l
RT: 4.270 min Scan# 456
Delta R.T. 0.001 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

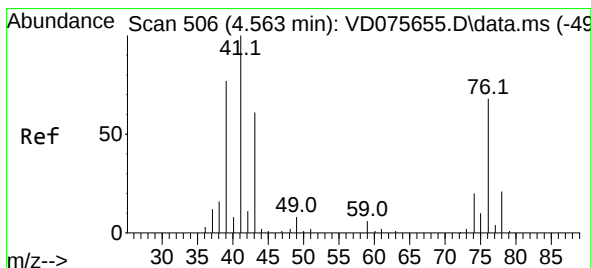
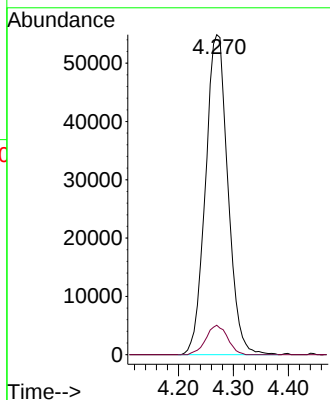
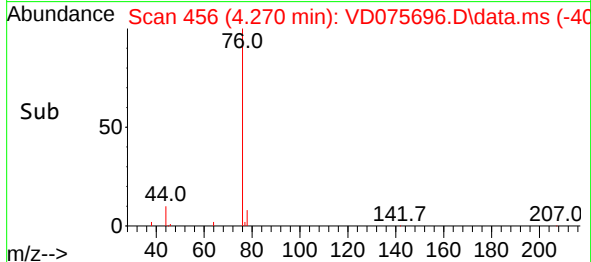
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



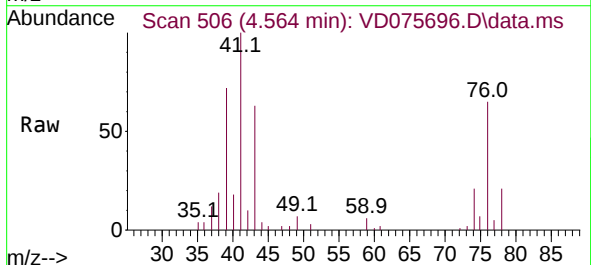
Tgt Ion: 76 Resp: 155104
Ion Ratio Lower Upper
76 100
78 9.2 8.0 12.0

Manual Integrations
APPROVED

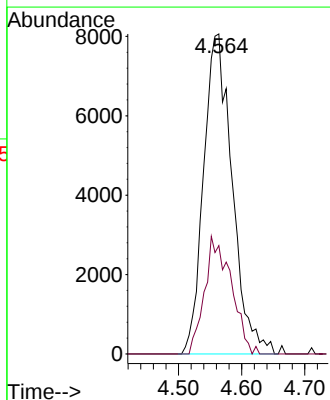
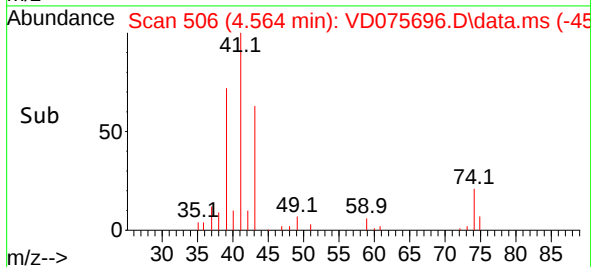
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

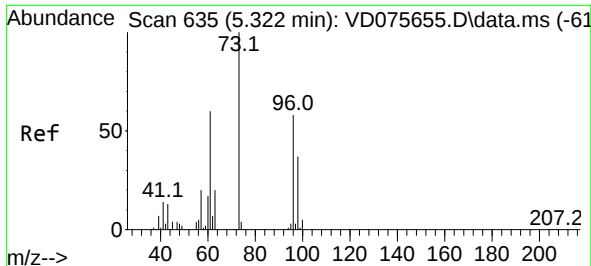


#18
Methyl Acetate
Concen: 21.532 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39



Tgt Ion: 43 Resp: 25320
Ion Ratio Lower Upper
43 100
74 34.2 17.8 26.6#





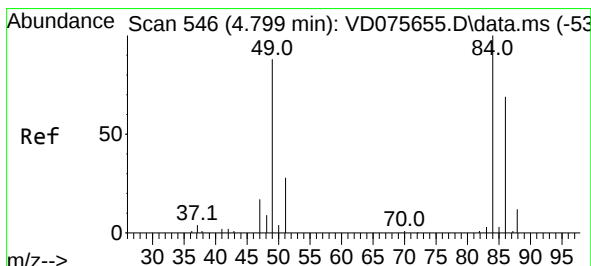
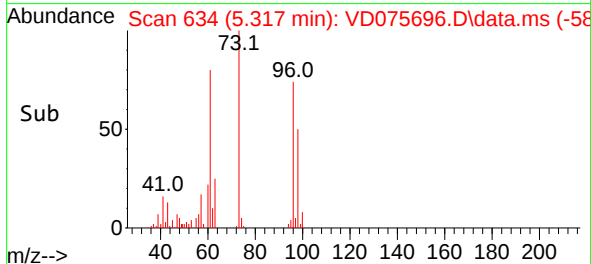
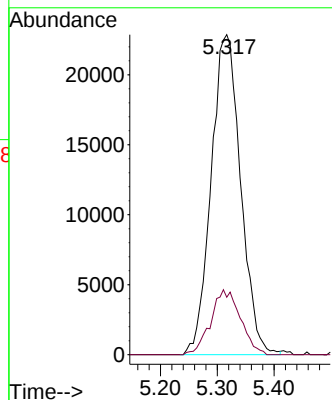
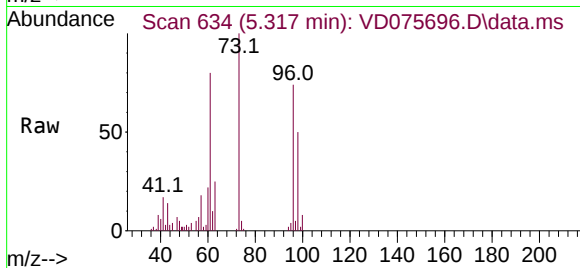
#19
Methyl tert-butyl Ether
Concen: 18.924 ug/l
RT: 5.317 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tgt Ion: 73 Resp: 8249
Ion Ratio Lower Upper
73 100
57 17.9 17.2 25.8

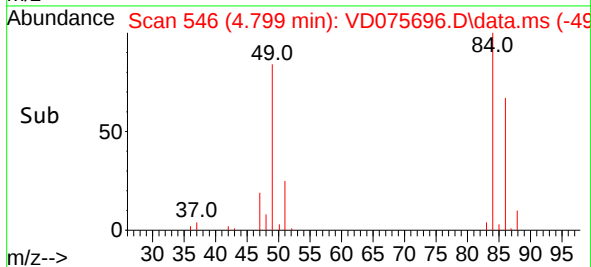
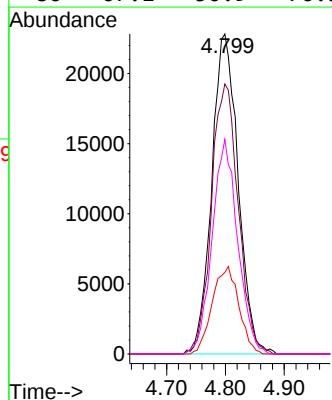
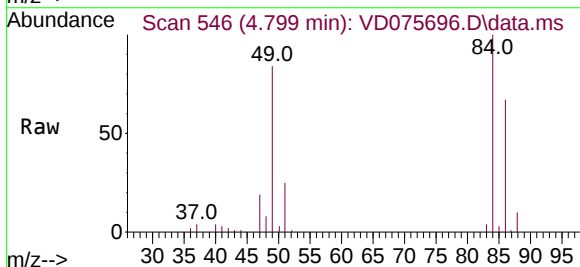
Manual Integrations
APPROVED

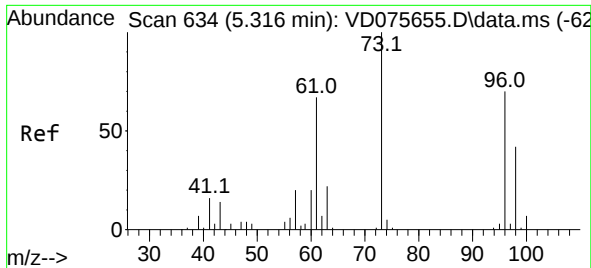
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#20
Methylene Chloride
Concen: 23.926 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

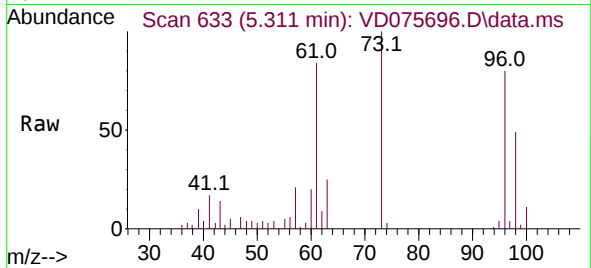
Tgt Ion: 84 Resp: 71025
Ion Ratio Lower Upper
84 100
49 84.3 106.4 159.6#
51 25.4 32.4 48.6#
86 67.1 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 20.492 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

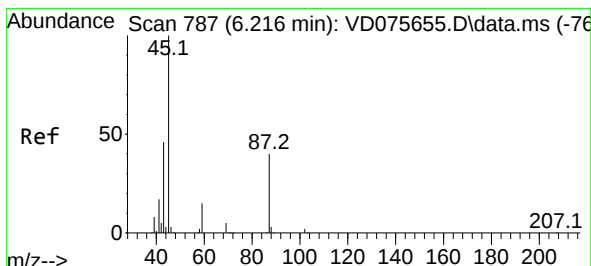
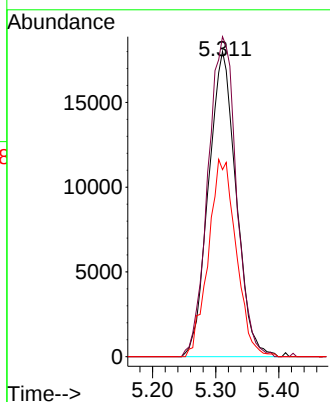
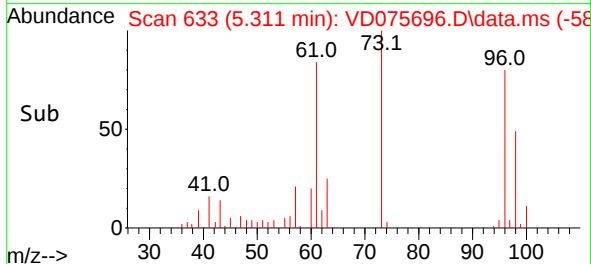
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



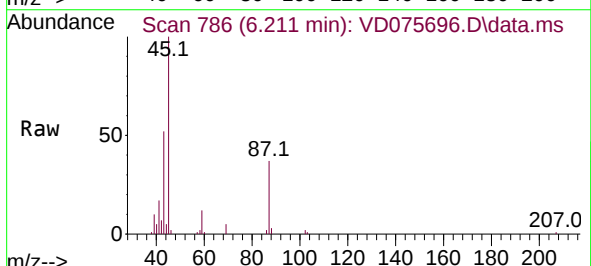
Tgt Ion: 96 Resp: 54810
Ion Ratio Lower Upper
96 100
61 104.8 117.2 175.8
98 61.3 50.6 76.0

Manual Integrations
APPROVED

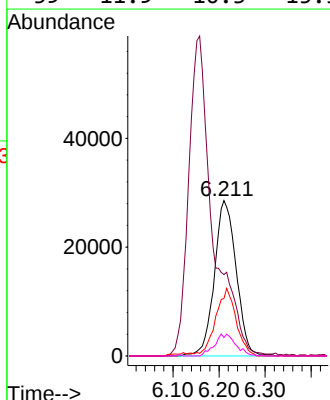
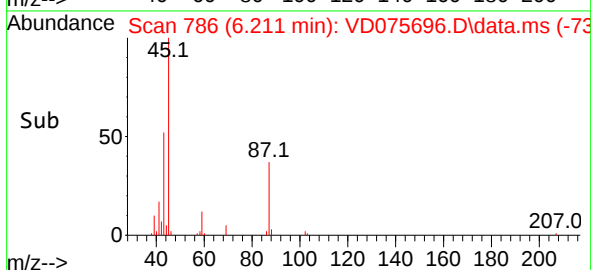
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

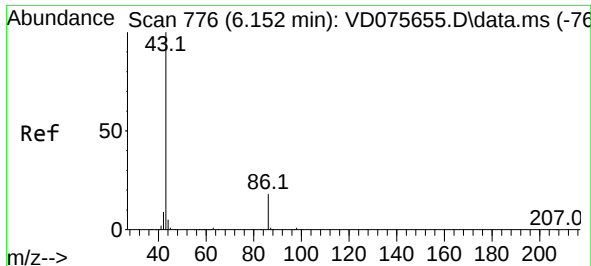


#22
Diisopropyl ether
Concen: 20.343 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.005 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39



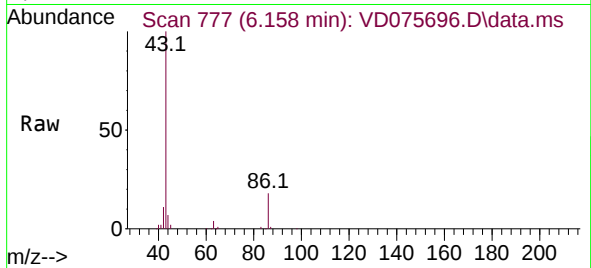
Tgt Ion: 45 Resp: 94031
Ion Ratio Lower Upper
45 100
43 51.5 44.4 66.6
87 37.0 20.9 31.3
59 11.9 10.3 15.5





#23
Vinyl Acetate
Concen: 100.227 ug/l
RT: 6.158 min Scan# 777
Delta R.T. 0.006 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

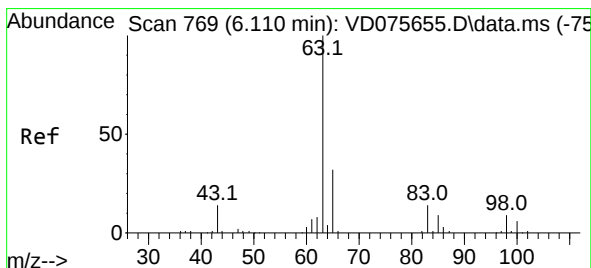
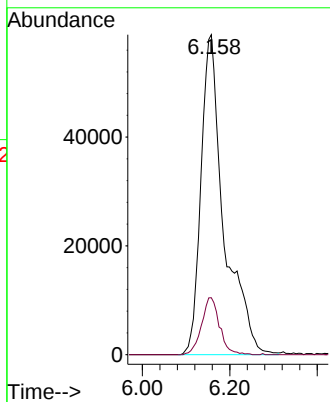
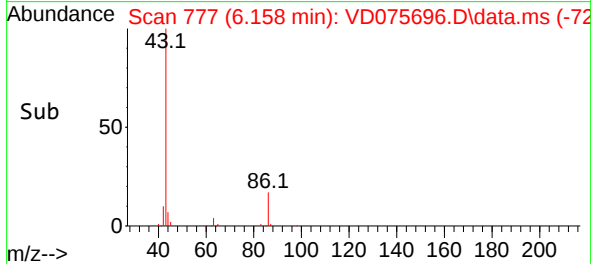
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



Tgt Ion: 43 Resp: 215180
Ion Ratio Lower Upper
43 100
86 17.8 9.0 13.6

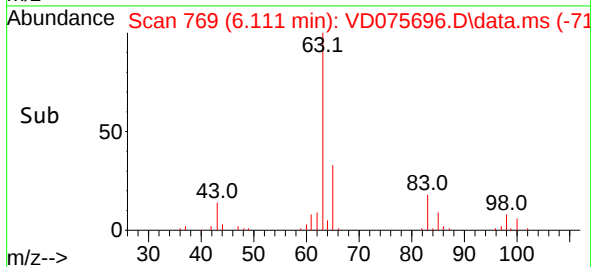
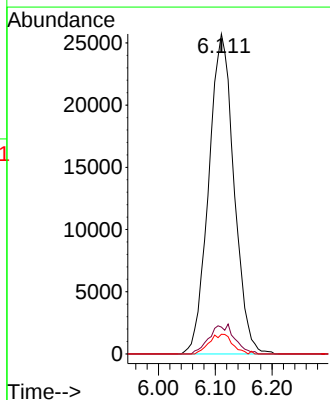
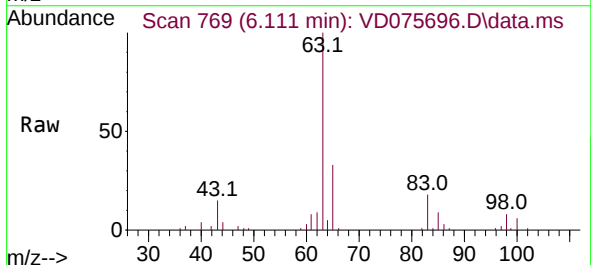
Manual Integrations
APPROVED

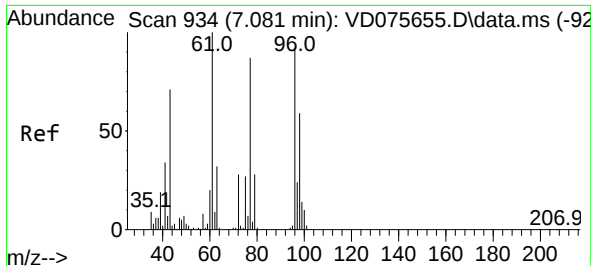
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#24
1,1-Dichloroethane
Concen: 20.778 ug/l
RT: 6.111 min Scan# 769
Delta R.T. 0.001 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

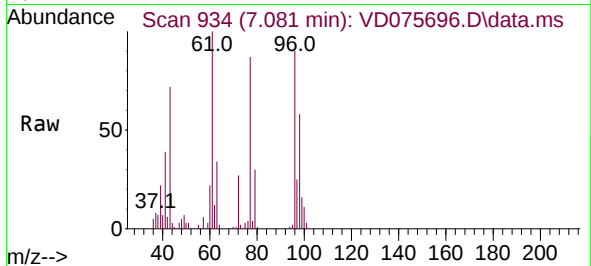
Tgt Ion: 63 Resp: 79581
Ion Ratio Lower Upper
63 100
98 8.4 3.9 11.7
100 6.2 2.0 6.0





#25
2-Butanone
Concen: 99.146 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

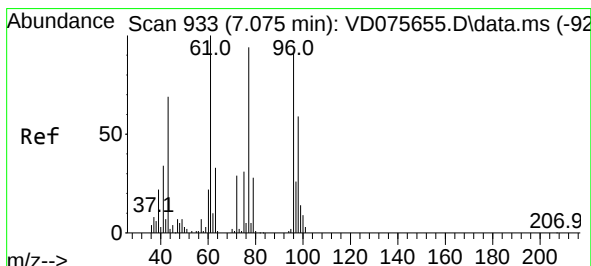
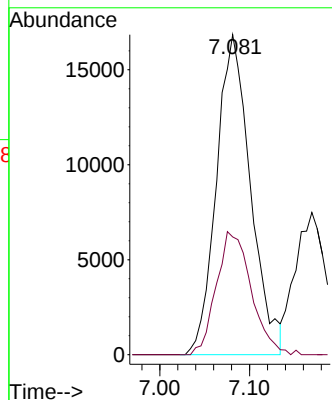
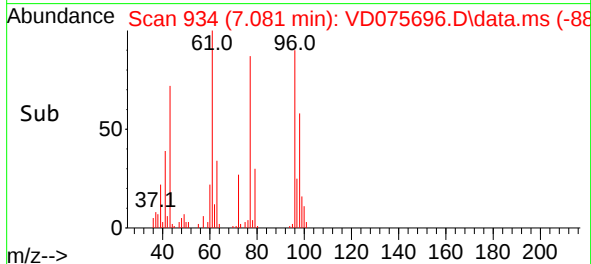
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



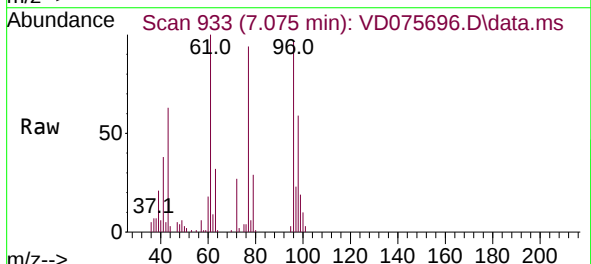
Tgt Ion: 43 Resp: 44514
Ion Ratio Lower Upper
43 100
72 36.8 19.8 29.8

Manual Integrations
APPROVED

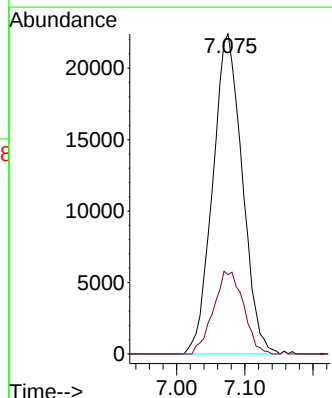
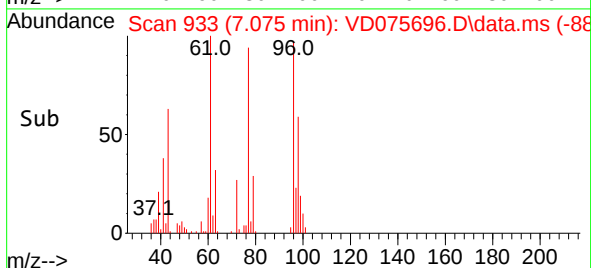
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

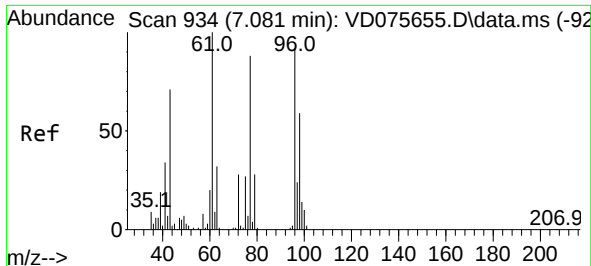


#26
2,2-Dichloropropane
Concen: 19.426 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39



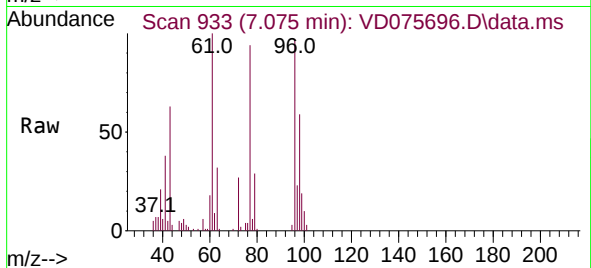
Tgt Ion: 77 Resp: 67454
Ion Ratio Lower Upper
77 100
97 26.3 11.1 33.1





#27
cis-1,2-Dichloroethene
Concen: 19.643 ug/l
RT: 7.075 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

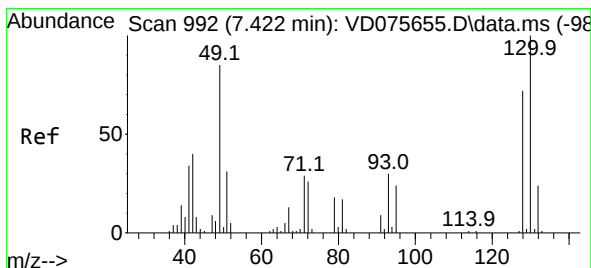
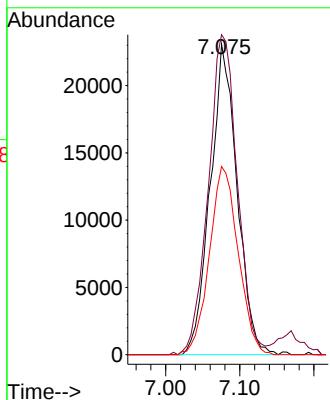
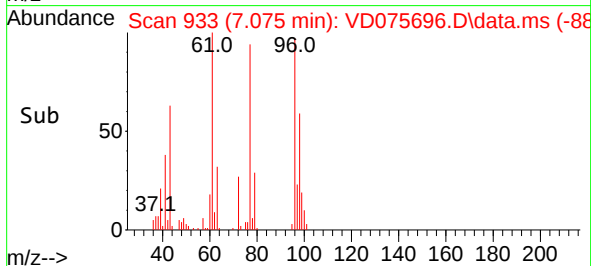
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



Tgt Ion: 96 Resp: 58200
Ion Ratio Lower Upper
96 100
61 111.1 0.0 295.2
98 64.8 0.0 129.2

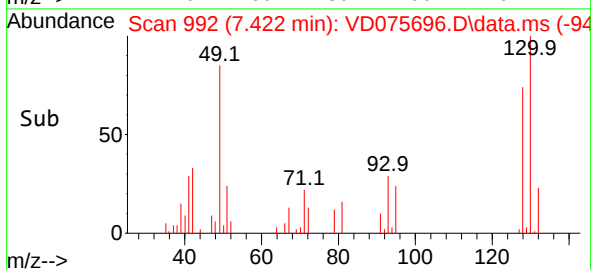
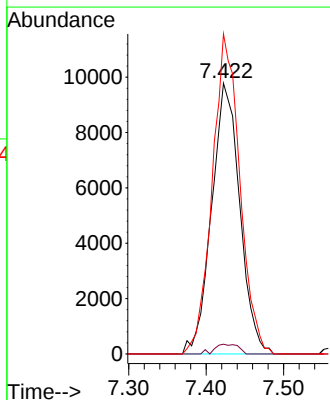
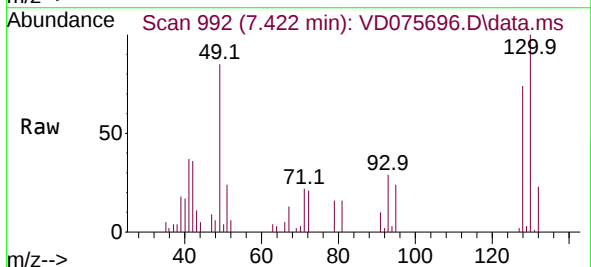
Manual Integrations
APPROVED

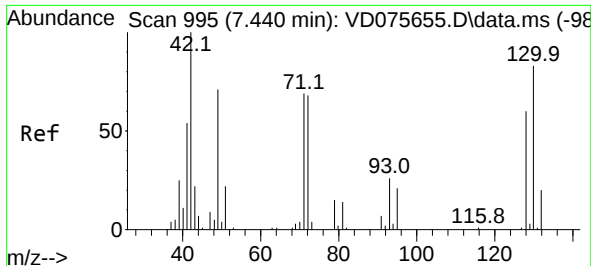
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#28
Bromochloromethane
Concen: 20.387 ug/l
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

Tgt Ion: 49 Resp: 24683
Ion Ratio Lower Upper
49 100
129 3.0 0.0 2.2#
130 115.6 56.0 84.0#





#29

Tetrahydrofuran

Concen: 104.974 ug/l

RT: 7.452 min Scan# 995

Delta R.T. 0.012 min

Lab File: VD075696.D

Acq: 17 Apr 2023 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

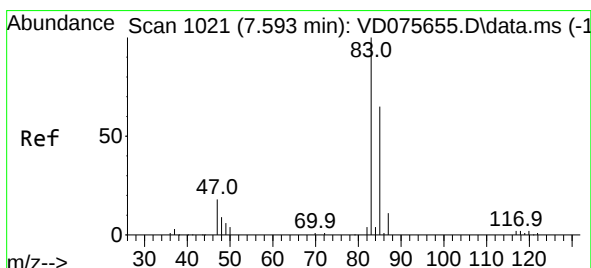
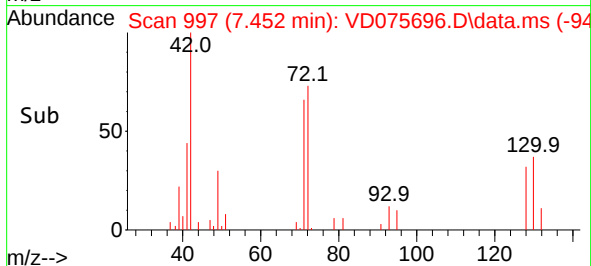
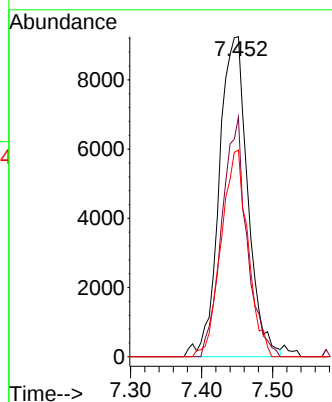
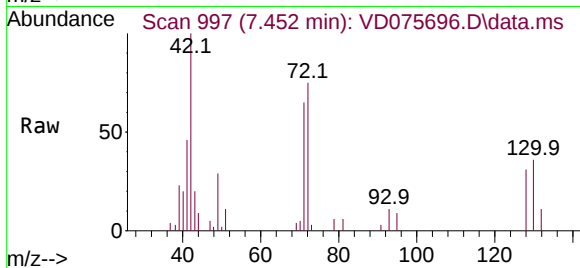
Tgt Ion: 42	Resp: 25774
Ion Ratio	Lower Upper
42	100
72	65.4 31.8 47.6
71	60.5 27.6 41.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#30

Chloroform

Concen: 20.399 ug/l

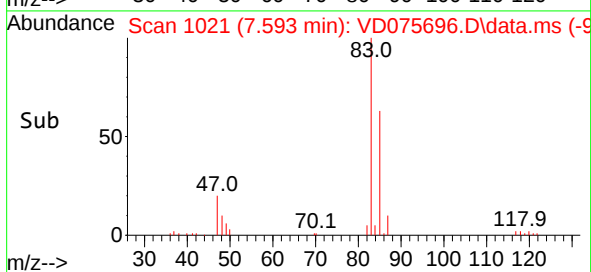
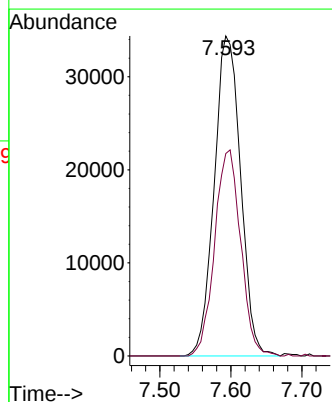
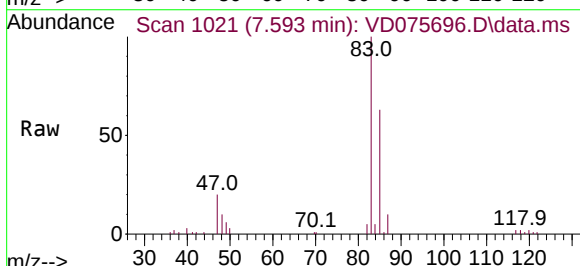
RT: 7.593 min Scan# 1021

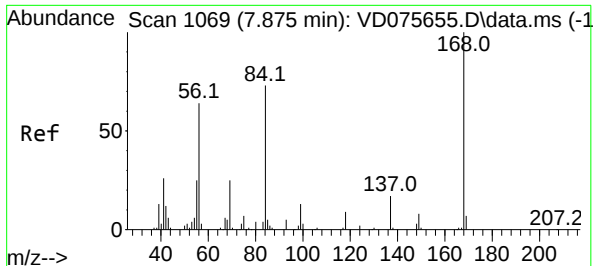
Delta R.T. -0.000 min

Lab File: VD075696.D

Acq: 17 Apr 2023 12:39

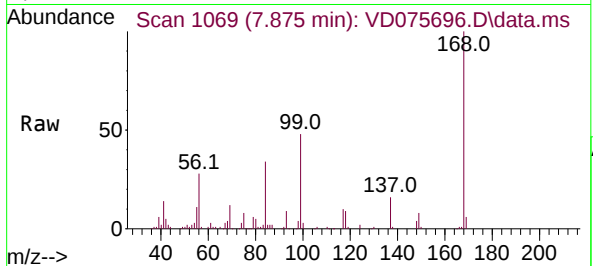
Tgt Ion: 83	Resp: 88575
Ion Ratio	Lower Upper
83	100
85	63.2 49.4 74.2





#31
Cyclohexane
Concen: 21.596 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

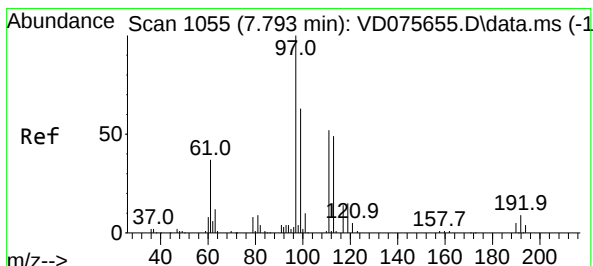
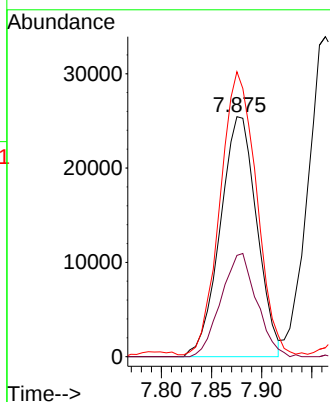
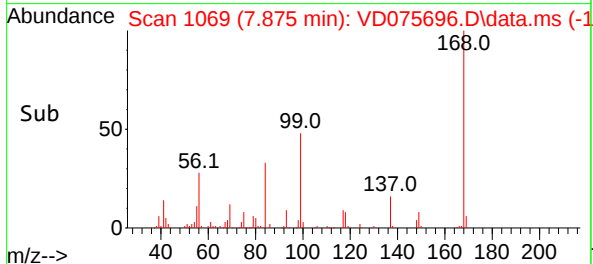
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



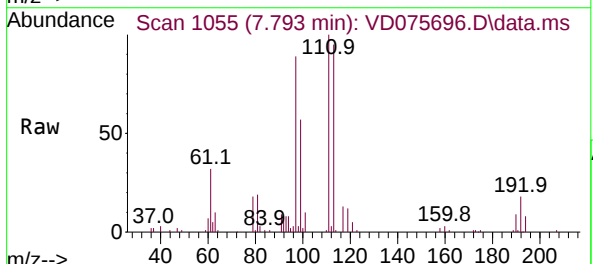
Tgt Ion: 56 Resp: 64500
Ion Ratio Lower Upper
56 100
69 42.2 25.5 38.3
84 117.9 69.6 104.4

Manual Integrations
APPROVED

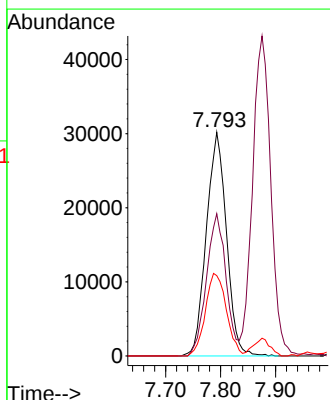
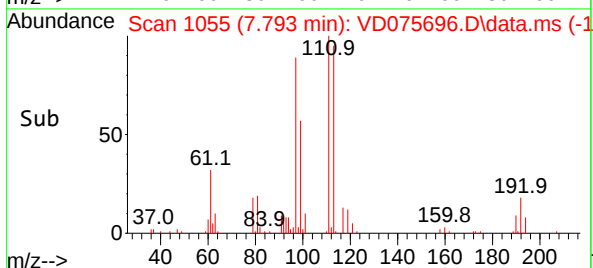
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

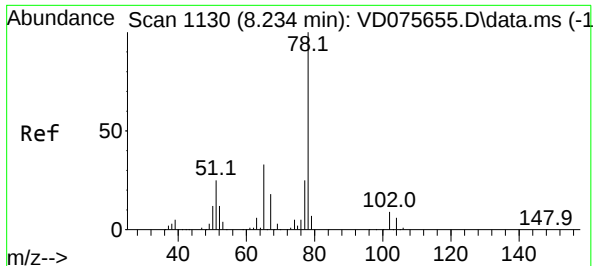


#32
1,1,1-Trichloroethane
Concen: 21.700 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39



Tgt Ion: 97 Resp: 76828
Ion Ratio Lower Upper
97 100
99 62.1 50.5 75.7
61 38.5 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 44.352 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD075696.D

Acq: 17 Apr 2023 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

Tgt Ion: 65 Resp: 84420

Ion Ratio Lower Upper

65 100

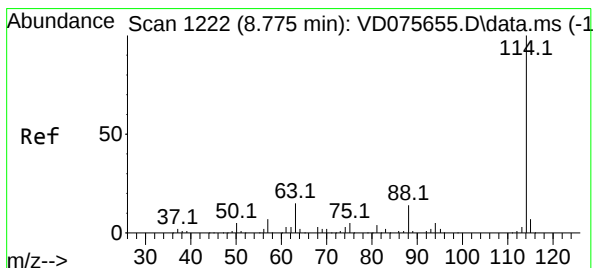
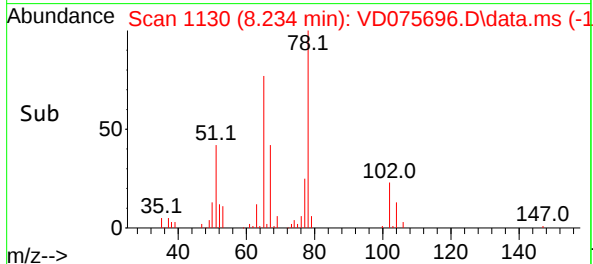
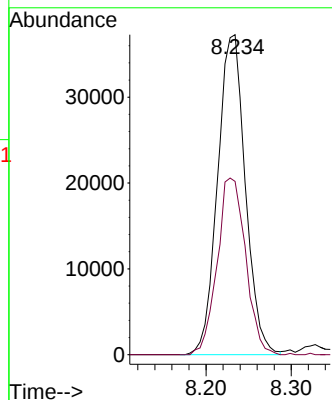
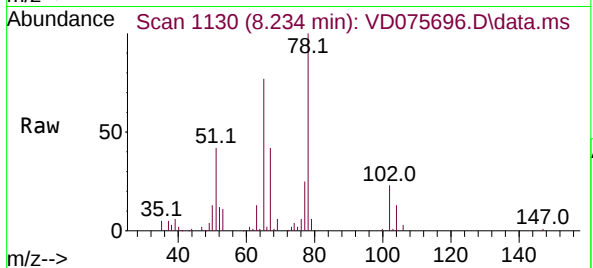
67 56.5 0.0 102.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD075696.D

Acq: 17 Apr 2023 12:39

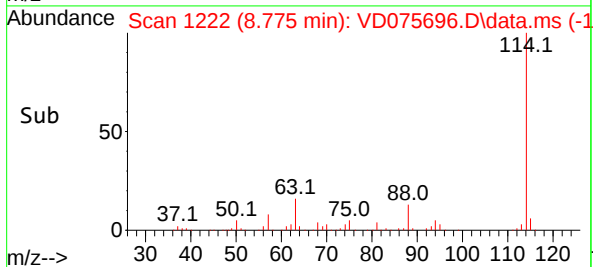
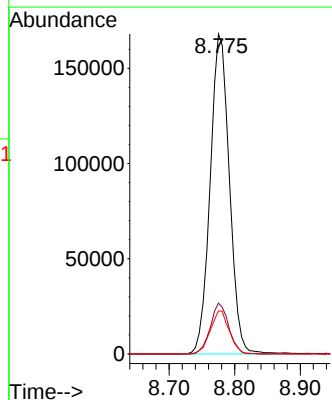
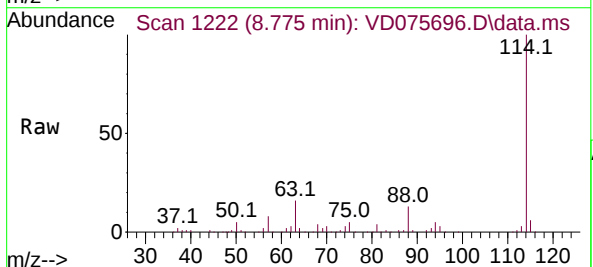
Tgt Ion:114 Resp: 341738

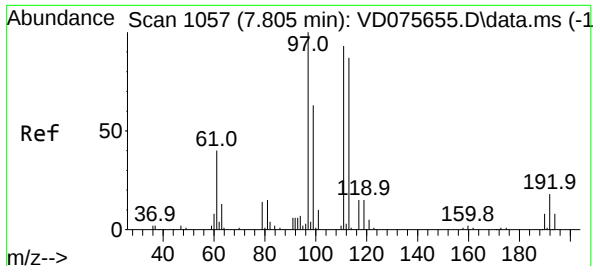
Ion Ratio Lower Upper

114 100

63 15.9 0.0 41.6

88 13.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.365 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD075696.D

Acq: 17 Apr 2023 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

Tgt Ion: 113 Resp: 106572

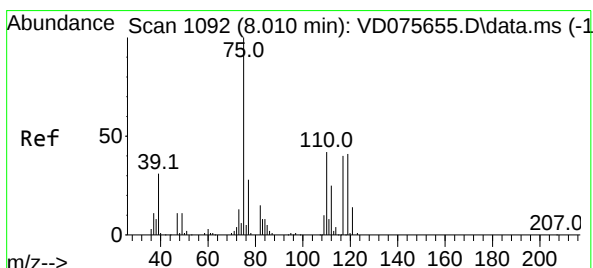
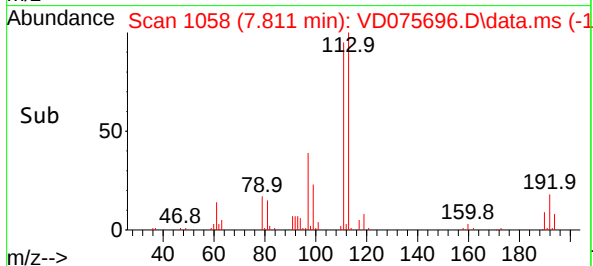
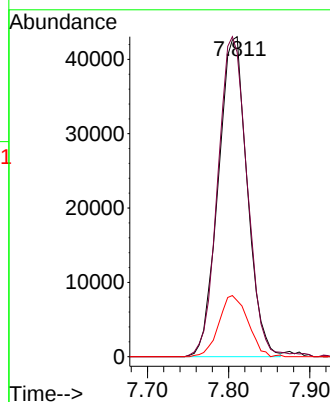
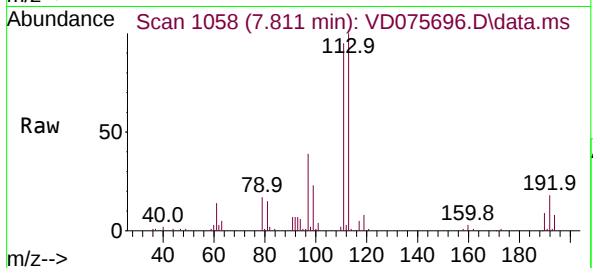
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.4	122.0
192	19.3	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#36

1,1-Dichloropropene

Concen: 21.068 ug/l

RT: 8.005 min Scan# 1091

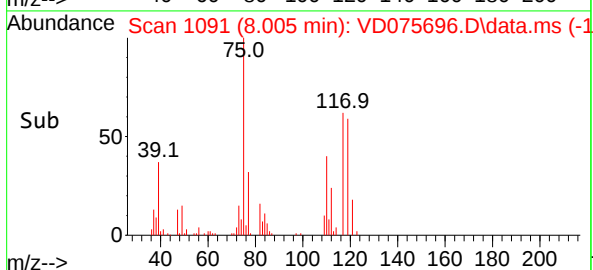
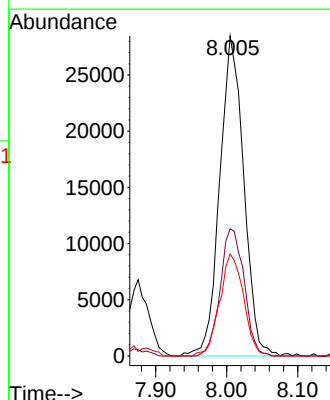
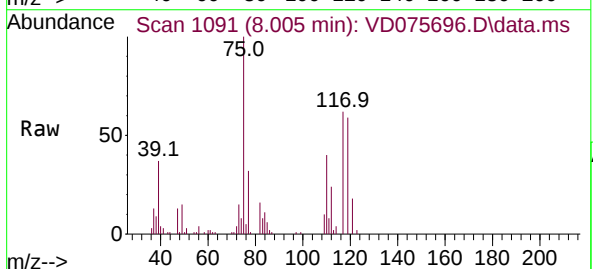
Delta R.T. -0.005 min

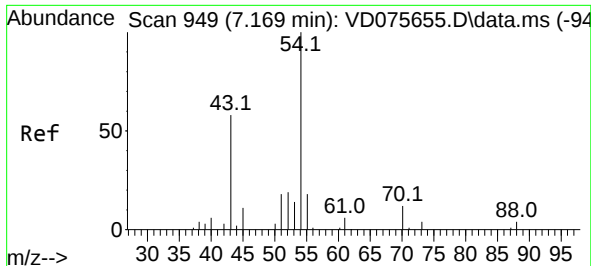
Lab File: VD075696.D

Acq: 17 Apr 2023 12:39

Tgt Ion: 75 Resp: 66807

Ion	Ratio	Lower	Upper
75	100		
110	39.5	17.1	51.2
77	31.8	24.6	36.8





#37

Ethyl Acetate

Concen: 19.186 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD075696.D

Acq: 17 Apr 2023 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

Tgt Ion: 43 Resp: 1851

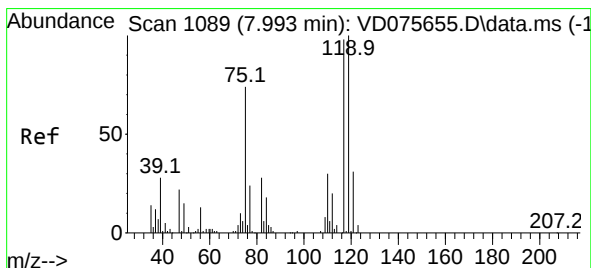
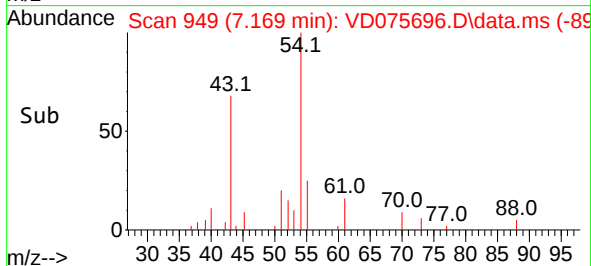
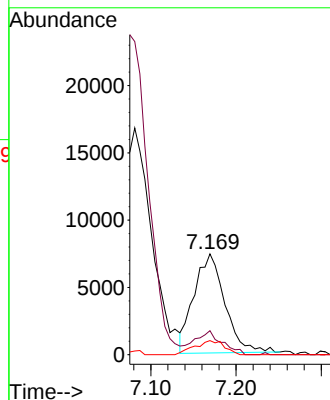
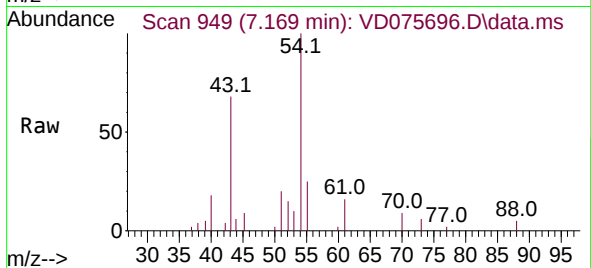
Ion	Ratio	Lower	Upper
43	100		
61	21.9	0.0	0.0
70	13.6	5.6	8.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#38

Carbon Tetrachloride

Concen: 22.586 ug/l

RT: 7.993 min Scan# 1089

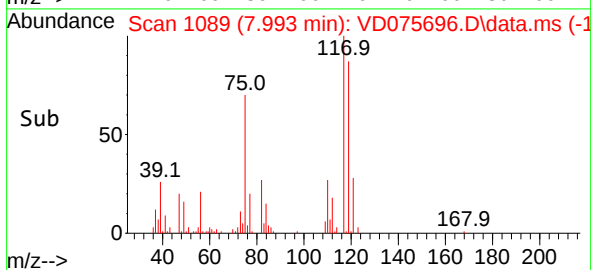
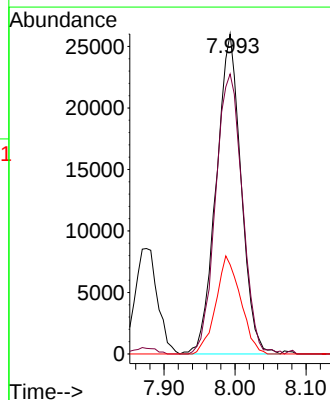
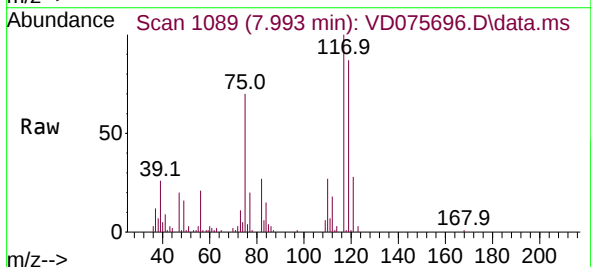
Delta R.T. -0.000 min

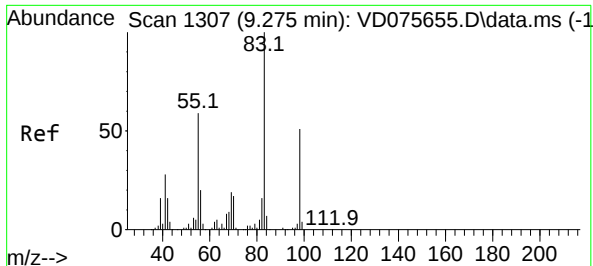
Lab File: VD075696.D

Acq: 17 Apr 2023 12:39

Tgt Ion:117 Resp: 63069

Ion	Ratio	Lower	Upper
117	100		
119	87.5	74.7	112.1
121	27.9	25.9	38.9





#39

Methylcyclohexane

Concen: 22.426 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075696.D

Acq: 17 Apr 2023 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

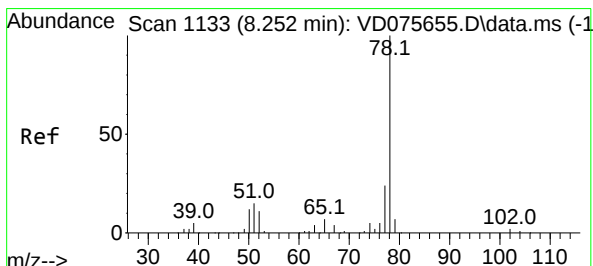
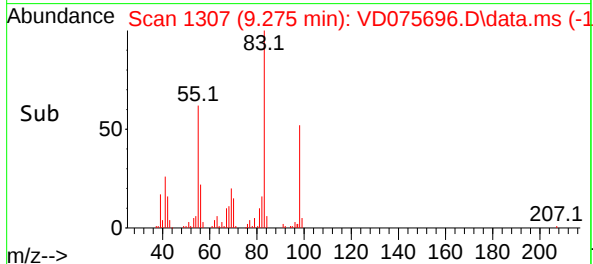
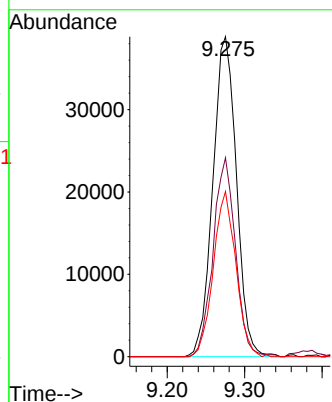
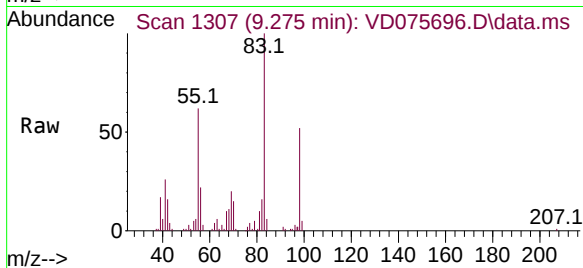
Tgt Ion:	83	Resp:	82230
Ion Ratio	Lower	Upper	
83	100		
55	62.2	56.8	85.2
98	51.6	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#40

Benzene

Concen: 20.399 ug/l

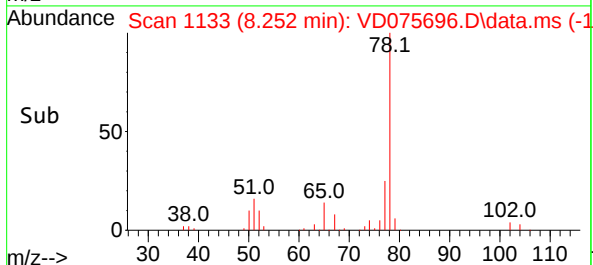
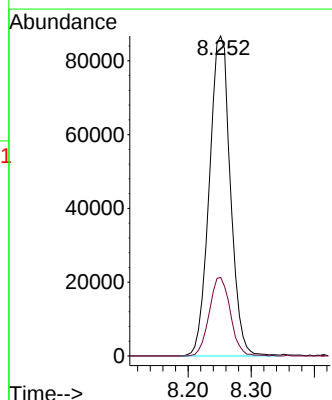
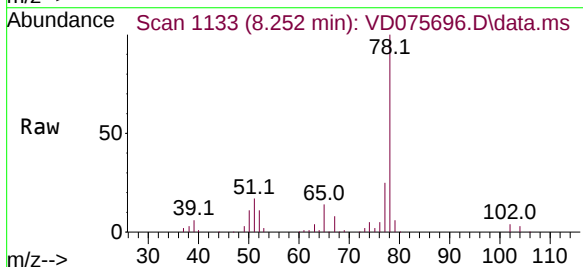
RT: 8.252 min Scan# 1133

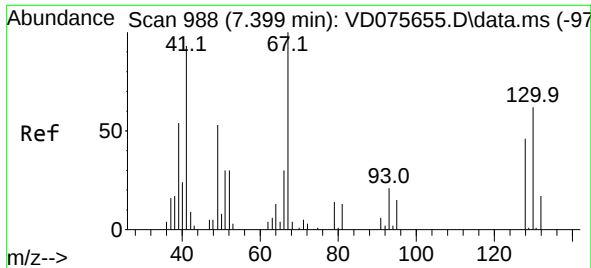
Delta R.T. -0.000 min

Lab File: VD075696.D

Acq: 17 Apr 2023 12:39

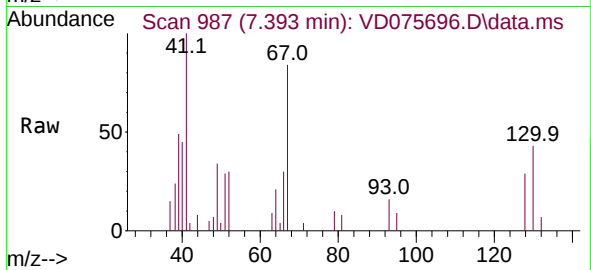
Tgt Ion:	78	Resp:	201083
Ion Ratio	Lower	Upper	
78	100		
77	24.6	19.1	28.7





#41
Methacrylonitrile
Concen: 19.502 ug/l
RT: 7.393 min Scan# 987
Delta R.T. -0.006 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

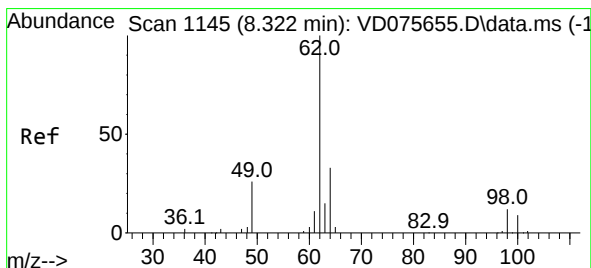
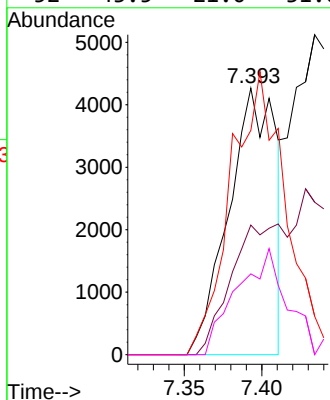
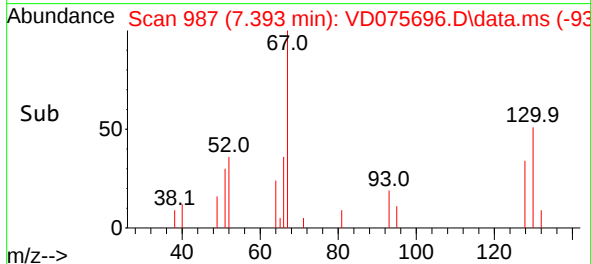
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



Tgt Ion: 41 Resp: 903
Ion Ratio Lower Upper
41 100
39 0.0 45.3 67.9
67 122.4 50.5 75.7
52 43.5 21.0 31.6

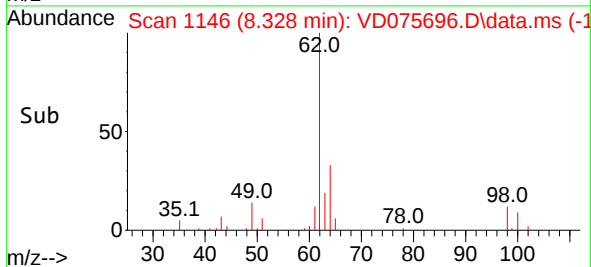
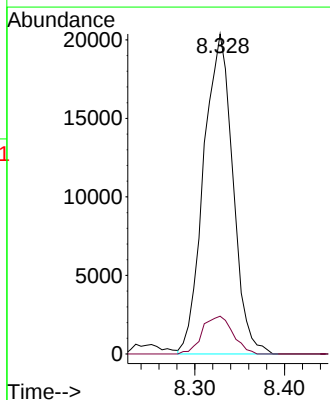
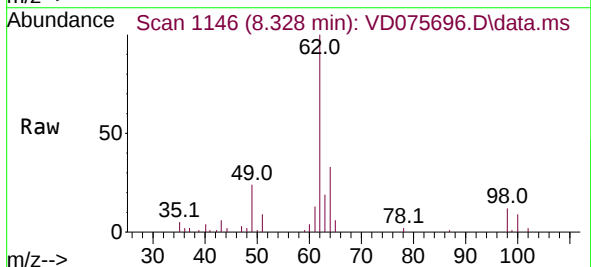
Manual Integrations
APPROVED

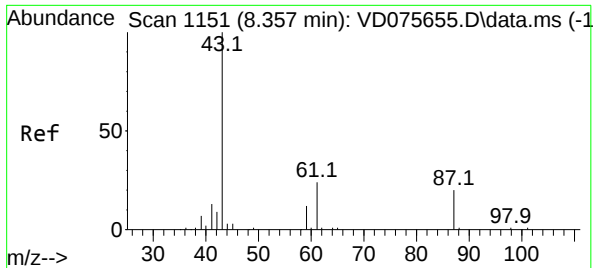
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#42
1,2-Dichloroethane
Concen: 20.570 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

Tgt Ion: 62 Resp: 46057
Ion Ratio Lower Upper
62 100
98 12.3 0.0 18.8





#43

Isopropyl Acetate

Concen: 19.803 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.006 min

Lab File: VD075696.D

Acq: 17 Apr 2023 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

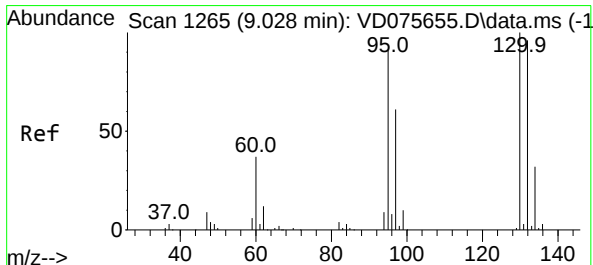
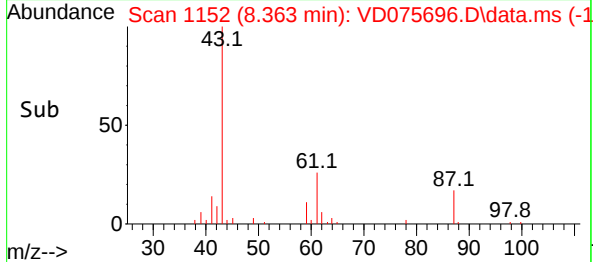
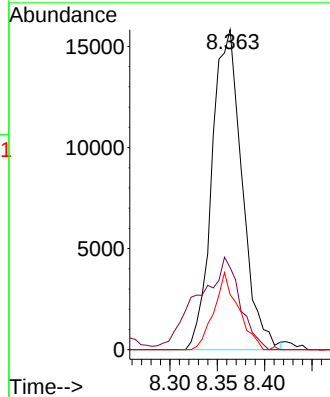
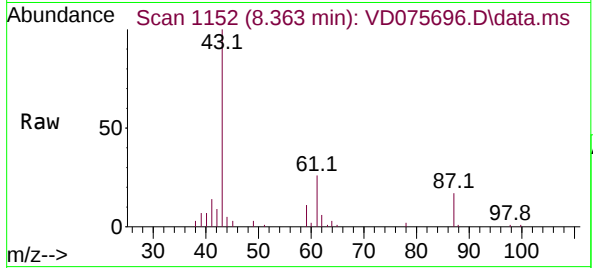
Tgt Ion: 43	Resp: 3484
Ion Ratio	Lower Upper
43	100
61	40.6 23.4 35.0
87	19.5 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#44

Trichloroethene

Concen: 21.201 ug/l

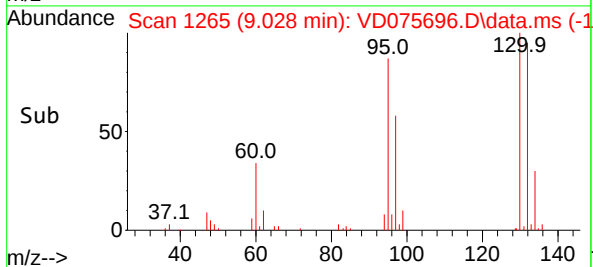
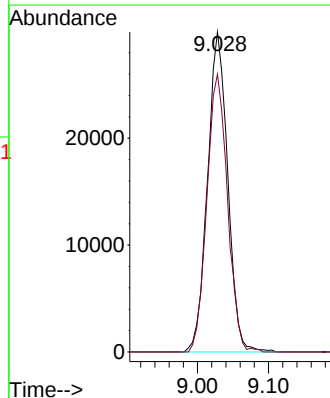
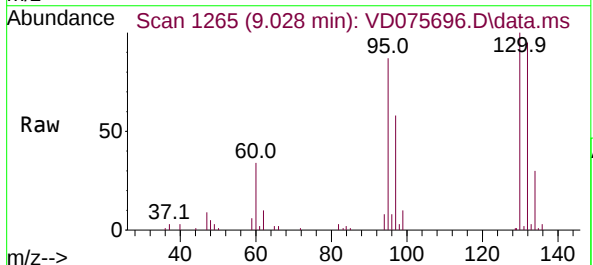
RT: 9.028 min Scan# 1265

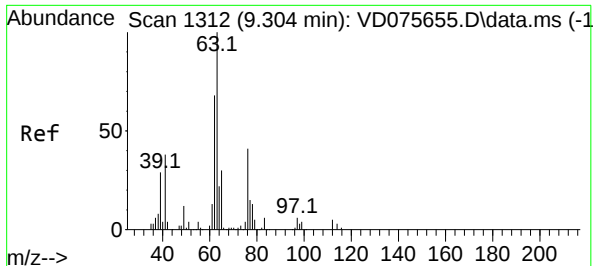
Delta R.T. 0.000 min

Lab File: VD075696.D

Acq: 17 Apr 2023 12:39

Tgt Ion:130	Resp: 59147
Ion Ratio	Lower Upper
130	100
95	86.8 0.0 197.6





#45

1,2-Dichloropropane

Concen: 20.861 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD075696.D

Acq: 17 Apr 2023 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

Tgt Ion: 63 Resp: 4608

Ion Ratio Lower Upper

63 100

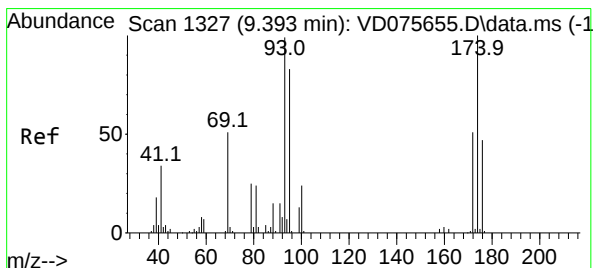
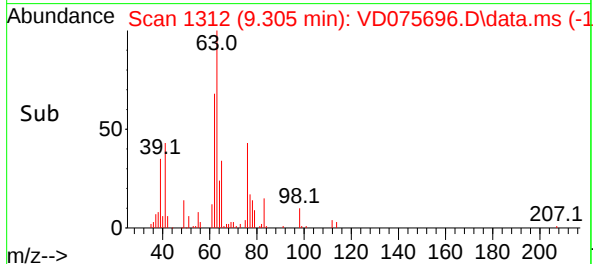
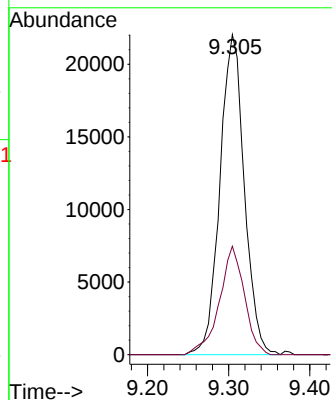
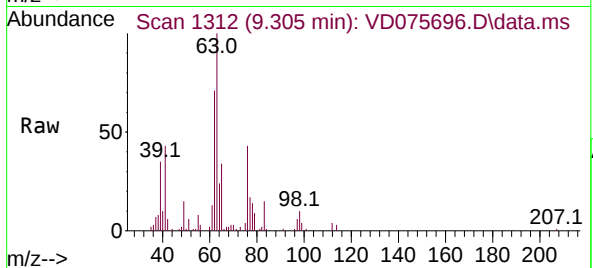
65 33.9 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#46

Dibromomethane

Concen: 20.490 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD075696.D

Acq: 17 Apr 2023 12:39

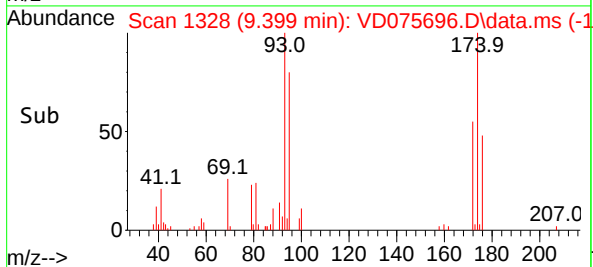
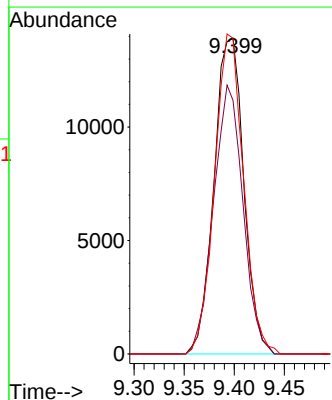
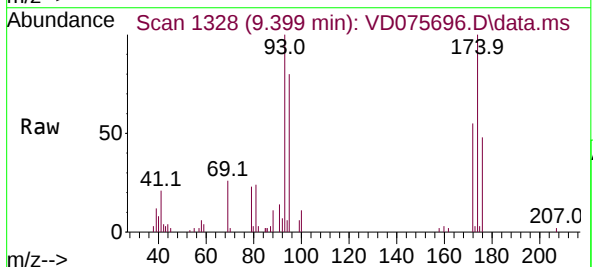
Tgt Ion: 93 Resp: 28715

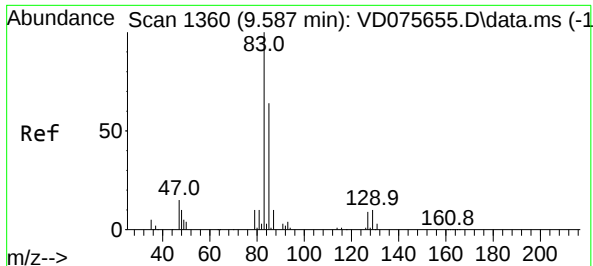
Ion Ratio Lower Upper

93 100

95 84.3 64.5 96.7

174 98.4 76.2 114.4





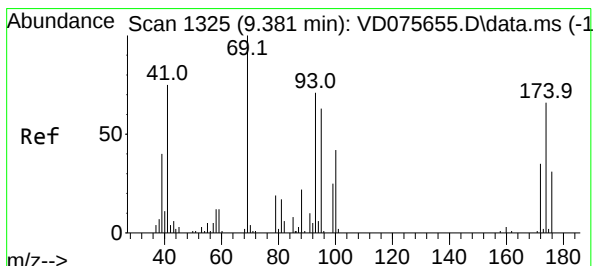
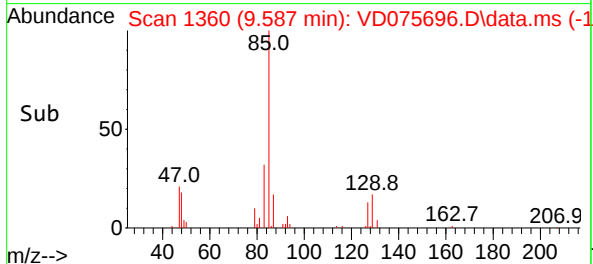
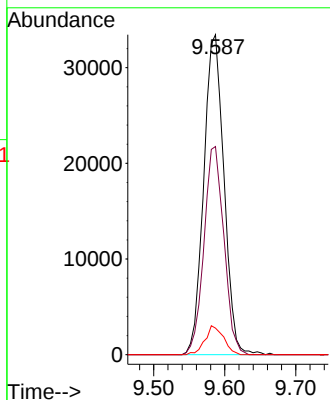
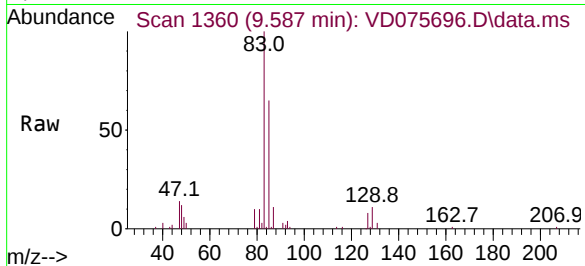
#47
Bromodichloromethane
Concen: 20.668 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tgt Ion: 83 Resp: 66250
Ion Ratio Lower Upper
83 100
85 65.0 53.7 80.5
127 8.3 7.0 10.6

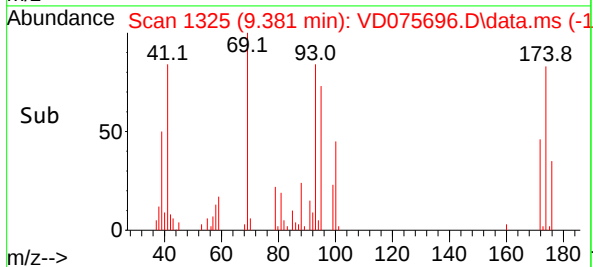
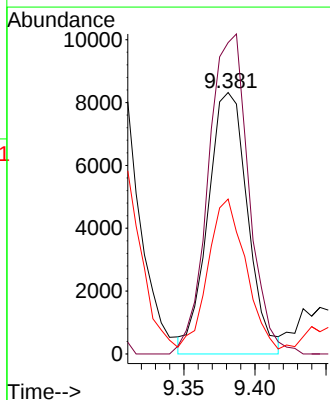
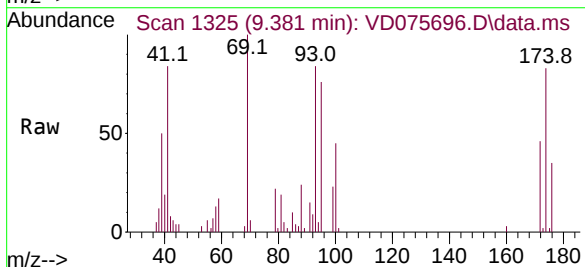
Manual Integrations
APPROVED

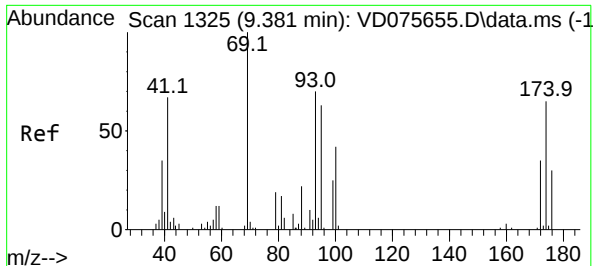
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#48
Methyl methacrylate
Concen: 20.651 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

Tgt Ion: 41 Resp: 16190
Ion Ratio Lower Upper
41 100
69 124.9 58.6 88.0#
39 54.3 53.4 80.0





#49

1,4-Dioxane

Concen: 383.914 ug/l

RT: 9.381 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075696.D

Acq: 17 Apr 2023 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

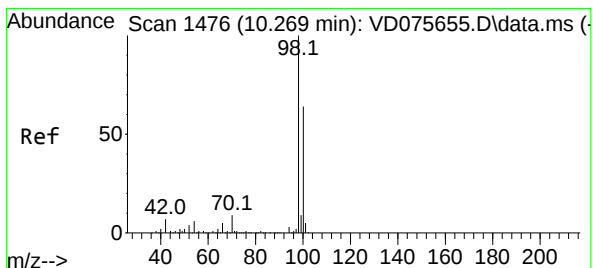
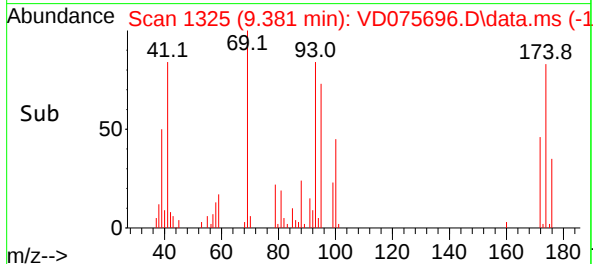
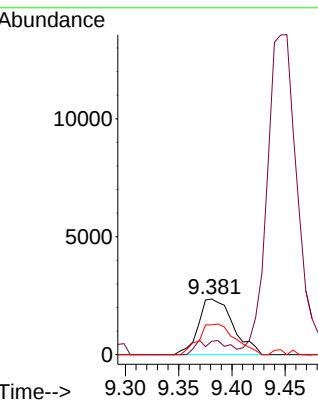
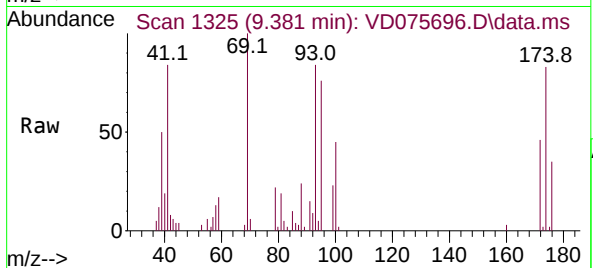
Tgt Ion: 88 Resp: 5338
 Ion Ratio Lower Upper
 88 100
 43 22.4 34.6 51.8
 58 57.5 58.0 87.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#50

Toluene-d8

Concen: 46.077 ug/l

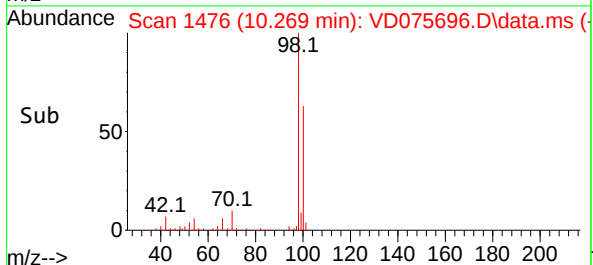
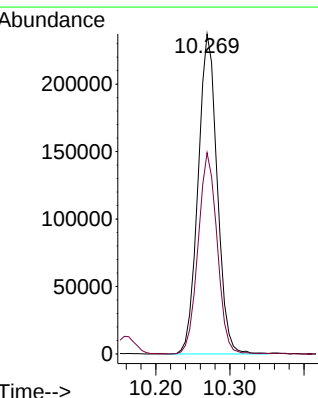
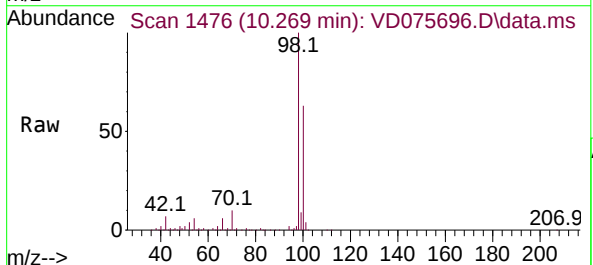
RT: 10.269 min Scan# 1476

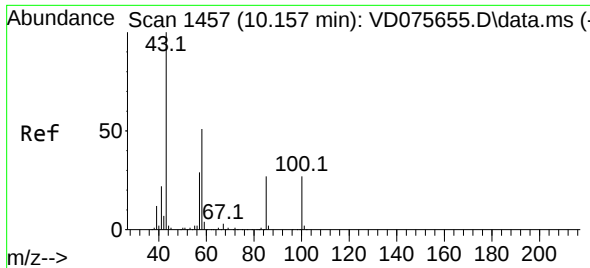
Delta R.T. 0.000 min

Lab File: VD075696.D

Acq: 17 Apr 2023 12:39

Tgt Ion: 98 Resp: 424127
 Ion Ratio Lower Upper
 98 100
 100 62.6 52.1 78.1





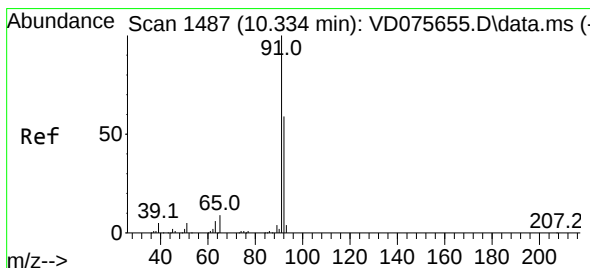
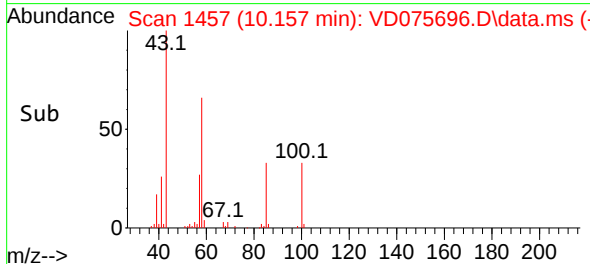
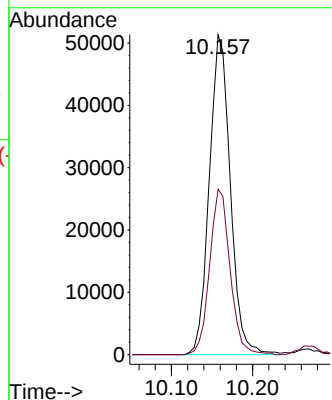
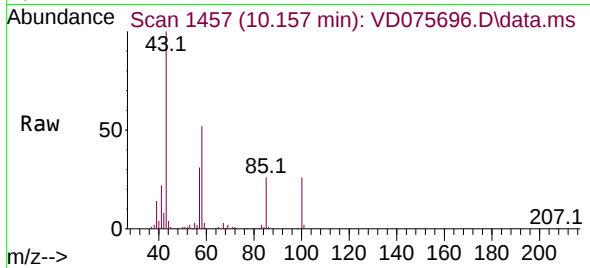
#51
4-Methyl-2-Pentanone
Concen: 98.317 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tgt Ion: 43 Resp: 92245
Ion Ratio Lower Upper
43 100
58 50.2 29.5 44.3

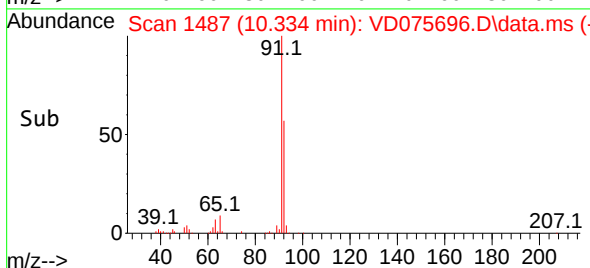
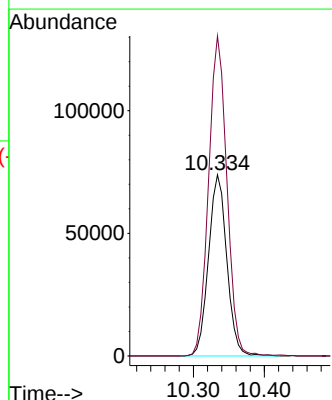
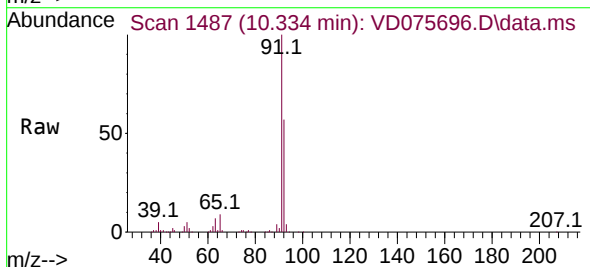
Manual Integrations
APPROVED

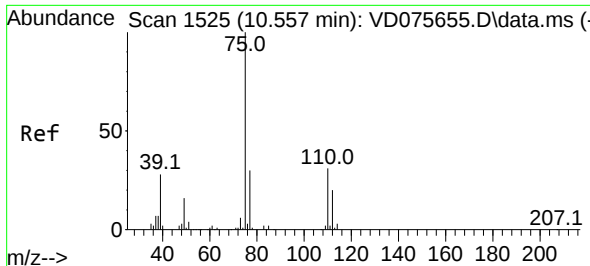
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#52
Toluene
Concen: 20.166 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

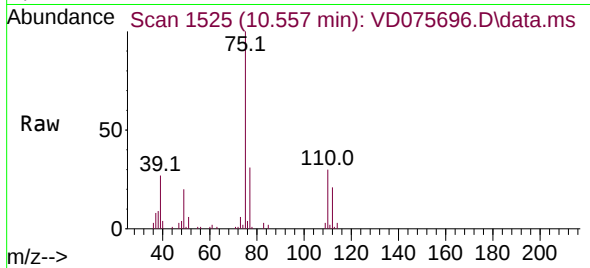
Tgt Ion: 92 Resp: 132186
Ion Ratio Lower Upper
92 100
91 176.5 136.5 204.7





#53
t-1,3-Dichloropropene
Concen: 19.173 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

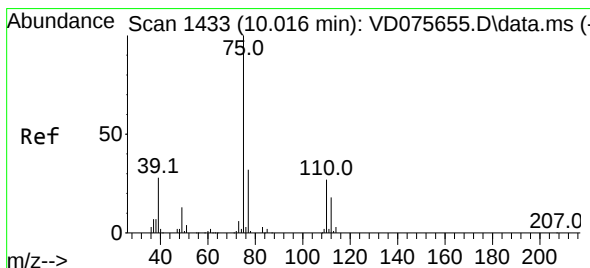
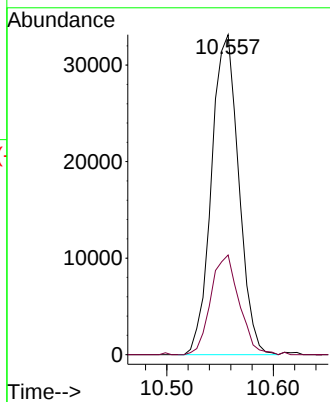
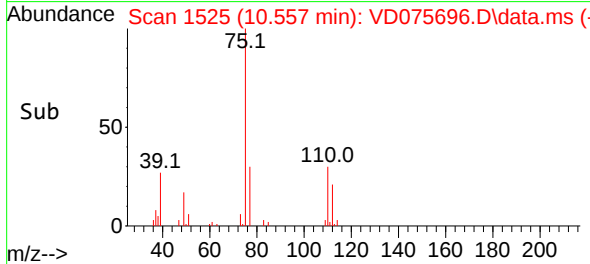
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



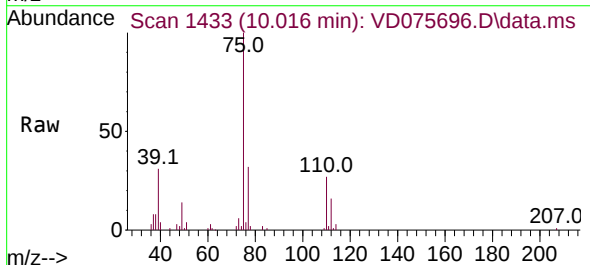
Tgt Ion: 75 Resp: 58919
Ion Ratio Lower Upper
75 100
77 31.2 26.3 39.5

Manual Integrations
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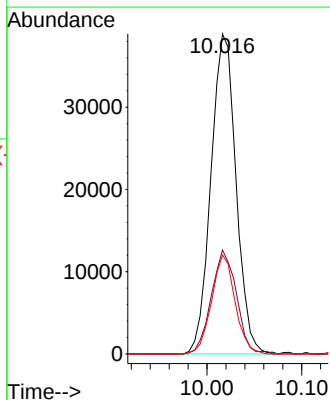
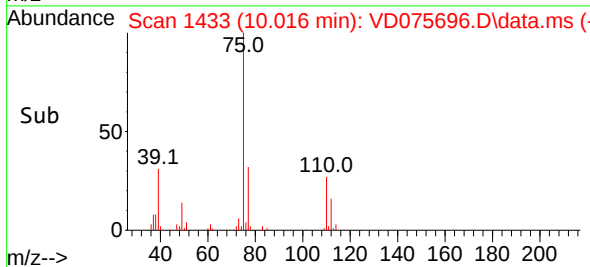
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

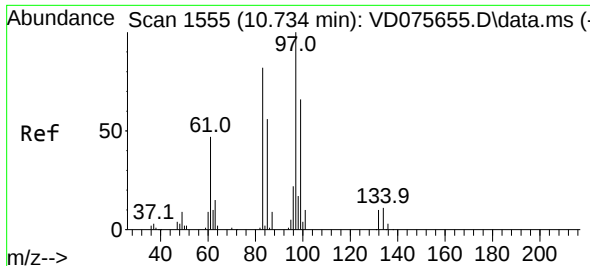


#54
cis-1,3-Dichloropropene
Concen: 19.598 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39



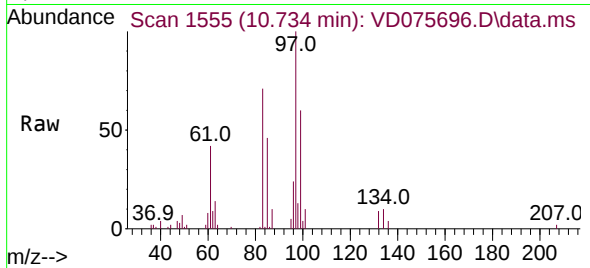
Tgt Ion: 75 Resp: 71556
Ion Ratio Lower Upper
75 100
77 32.5 25.6 38.4
39 31.0 44.8 67.2#





#55
1,1,2-Trichloroethane
Concen: 21.813 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

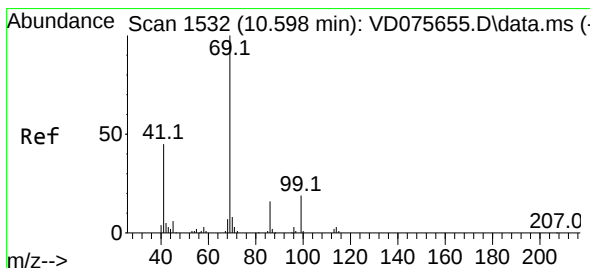
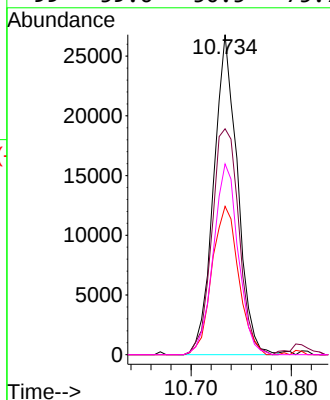
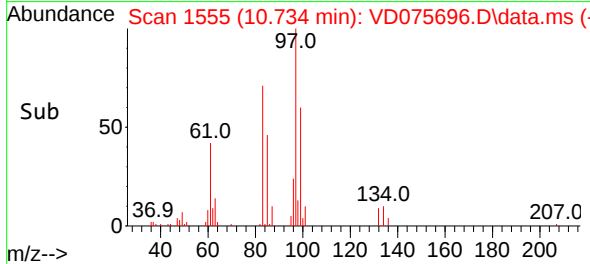
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



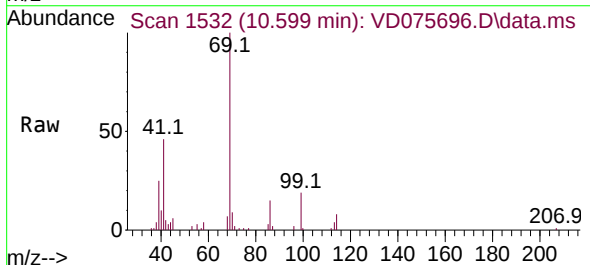
Tgt Ion:	97	Resp:	4426
Ion Ratio	100	Lower	Upper
97	100		
83	70.6	74.2	111.4
85	46.4	45.4	68.0
99	59.6	50.5	75.7

Manual Integrations
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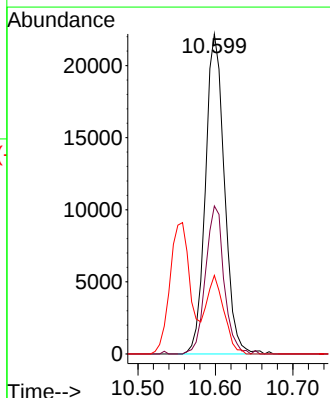
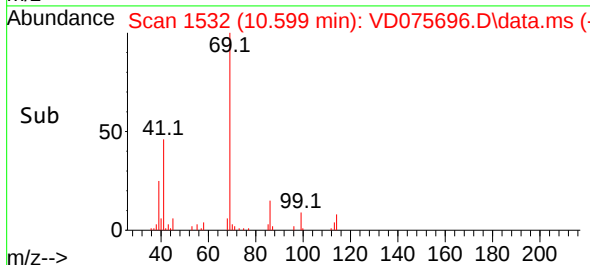
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

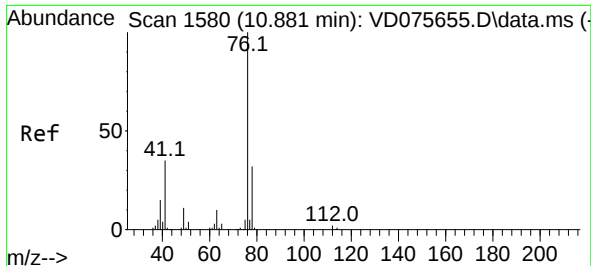


#56
Ethyl methacrylate
Concen: 18.881 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39



Tgt Ion:	69	Resp:	37704
Ion Ratio	100	Lower	Upper
69	100		
41	45.3	59.3	88.9
39	22.4	36.0	54.0





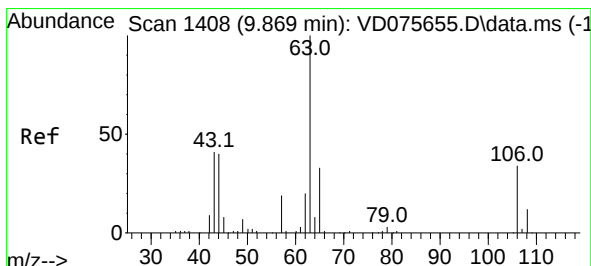
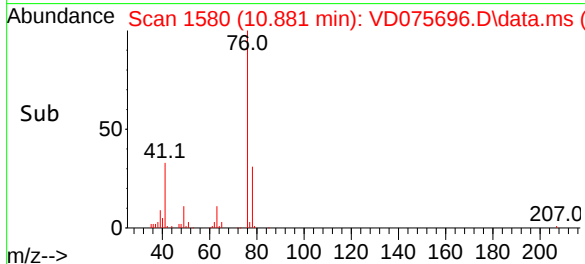
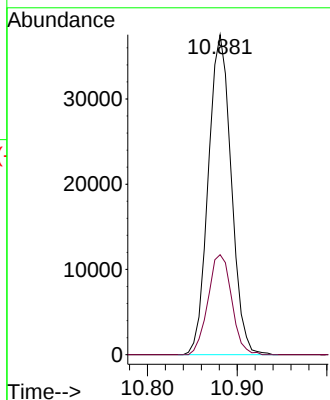
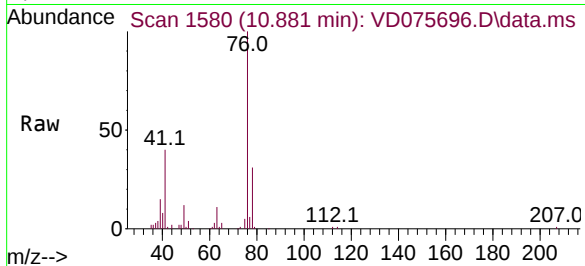
#57
1,3-Dichloropropane
Concen: 21.642 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tgt Ion: 76 Resp: 66669
Ion Ratio Lower Upper
76 100
78 32.2 25.6 38.4

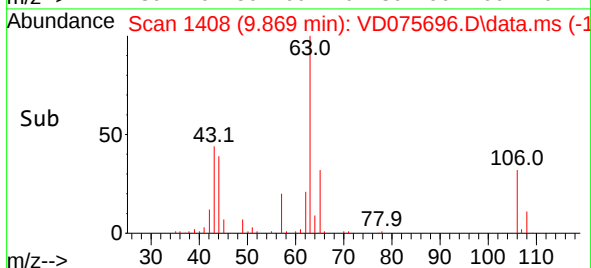
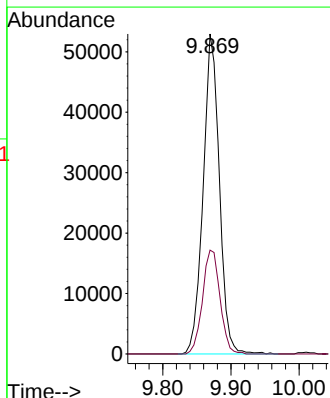
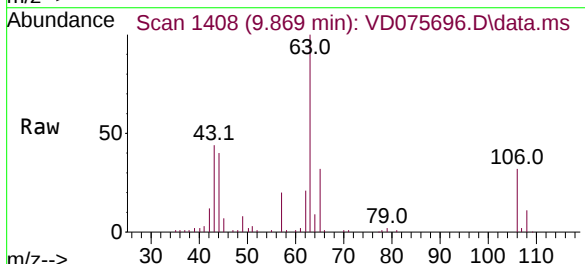
Manual Integrations
APPROVED

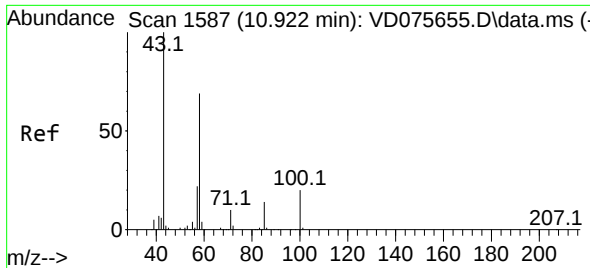
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#58
2-Chloroethyl Vinyl ether
Concen: 102.078 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

Tgt Ion: 63 Resp: 87543
Ion Ratio Lower Upper
63 100
106 35.0 21.4 32.2#





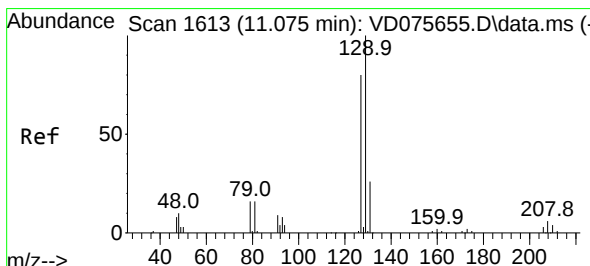
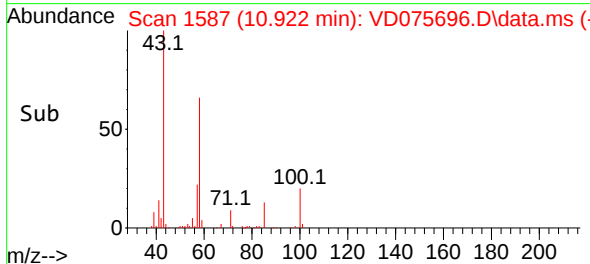
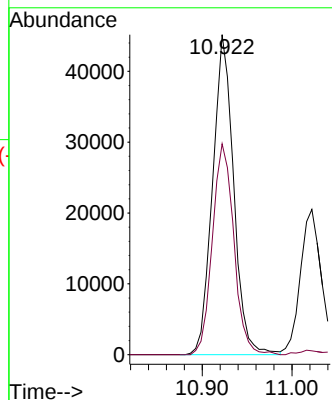
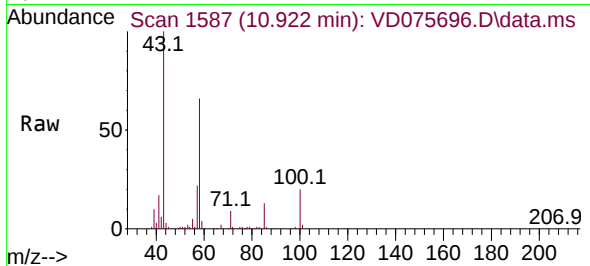
#59
2-Hexanone
Concen: 111.555 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tgt Ion: 43 Resp: 73592
Ion Ratio Lower Upper
43 100
58 67.1 25.3 75.8

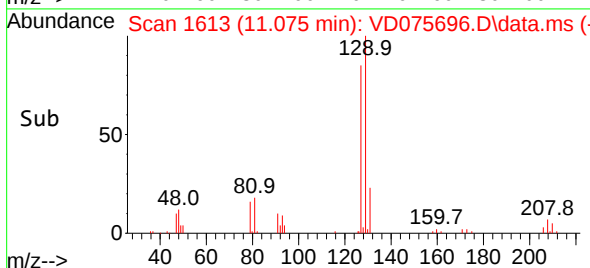
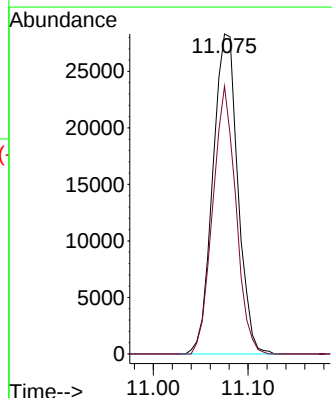
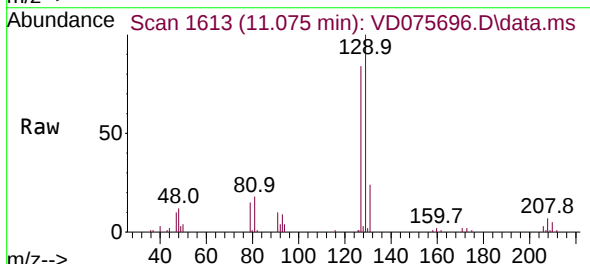
Manual Integrations
APPROVED

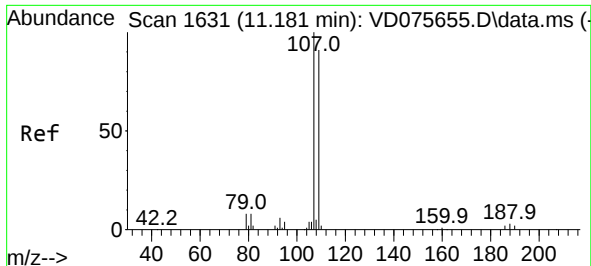
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#60
Dibromochloromethane
Concen: 21.926 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

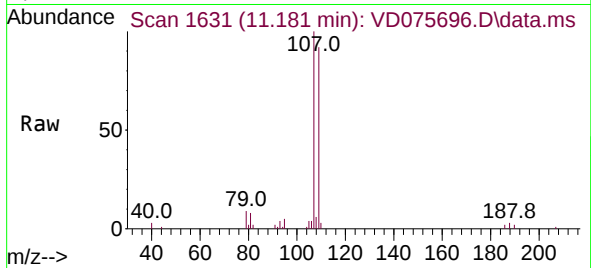
Tgt Ion:129 Resp: 52061
Ion Ratio Lower Upper
129 100
127 77.2 38.1 114.5





#61
1,2-Dibromoethane
Concen: 21.597 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

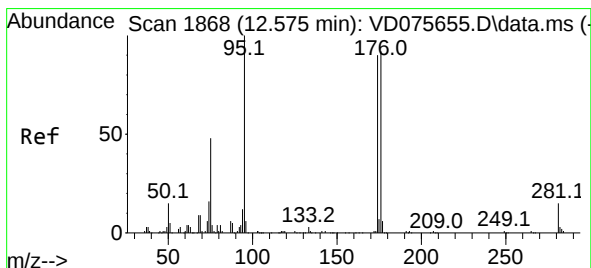
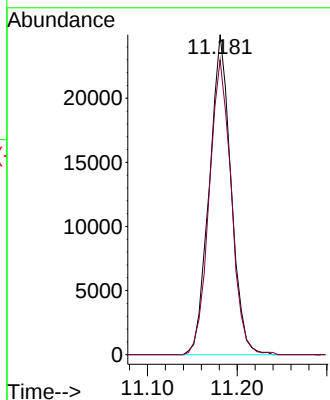
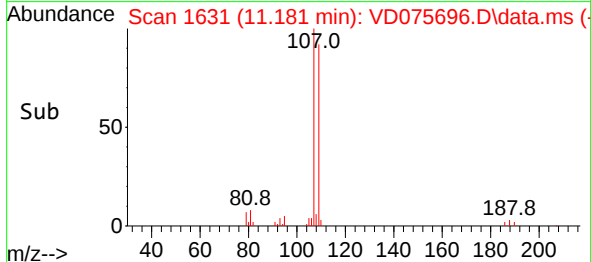
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



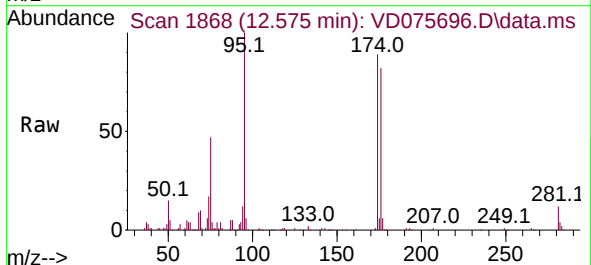
Tgt Ion:107 Resp: 41804
Ion Ratio Lower Upper
107 100
109 93.7 73.6 110.4

Manual Integrations
APPROVED

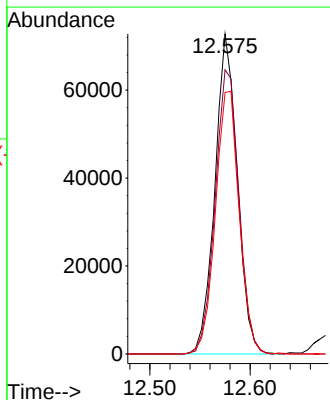
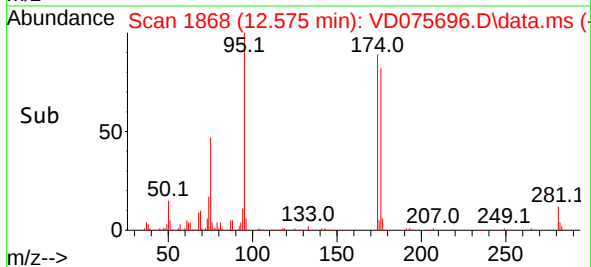
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

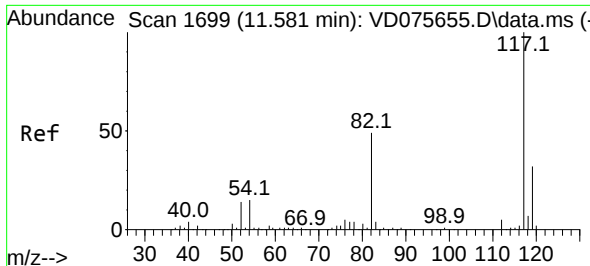


#62
4-Bromofluorobenzene
Concen: 46.148 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39



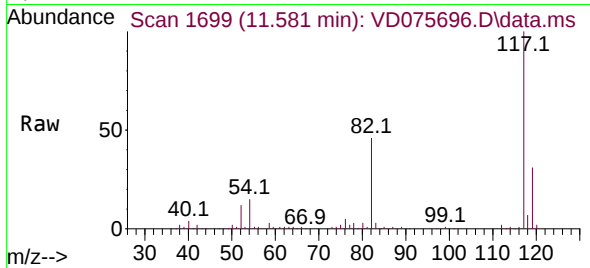
Tgt Ion: 95 Resp: 112904
Ion Ratio Lower Upper
95 100
174 94.2 0.0 164.0
176 87.3 0.0 156.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

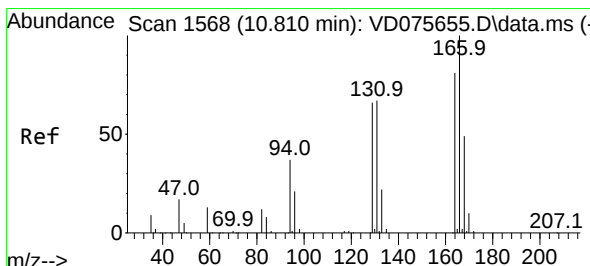
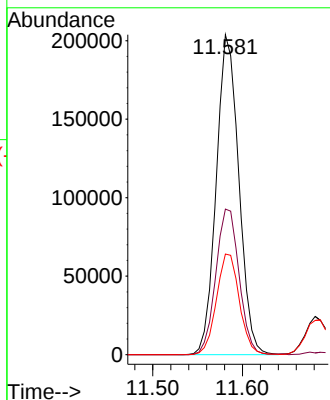
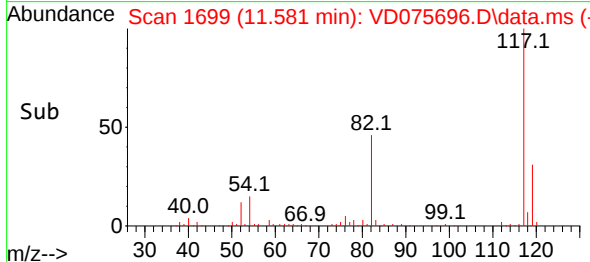
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



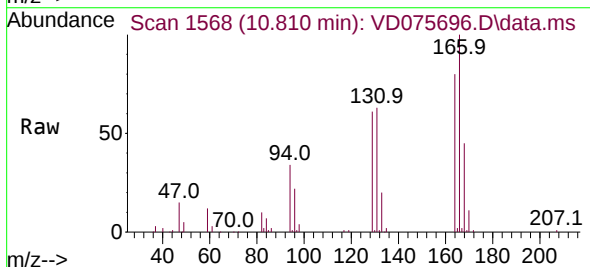
Tgt Ion:117 Resp: 355560
Ion Ratio Lower Upper
117 100
82 45.5 44.0 66.0
119 31.5 25.1 37.7

Manual Integrations
APPROVED

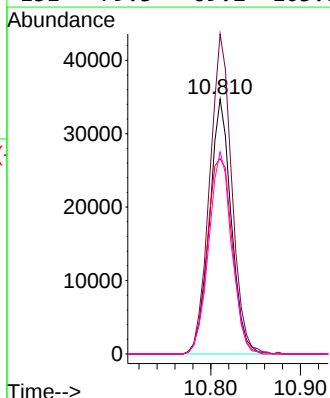
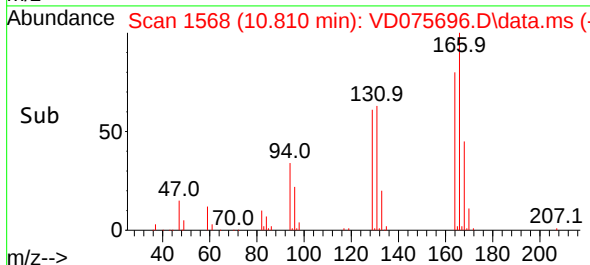
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

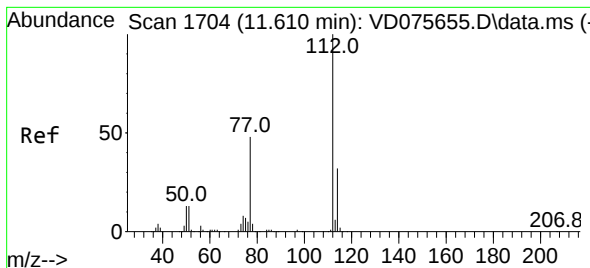


#64
Tetrachloroethene
Concen: 22.914 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39



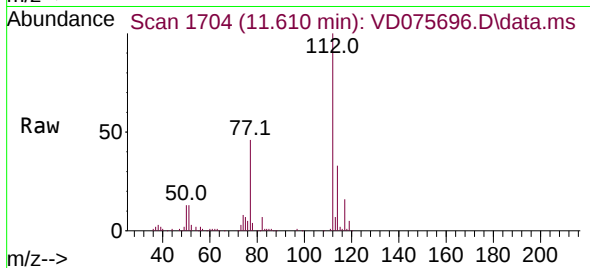
Tgt Ion:164 Resp: 58678
Ion Ratio Lower Upper
164 100
166 125.6 94.9 142.3
129 76.7 73.0 109.6
131 79.3 69.2 103.8





#65
Chlorobenzene
Concen: 22.051 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

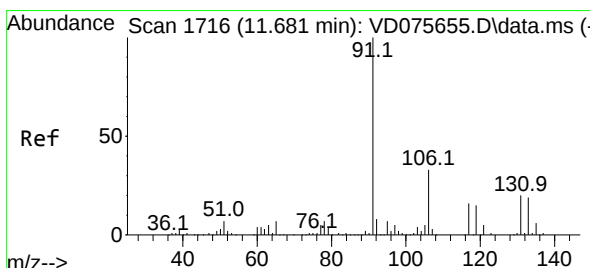
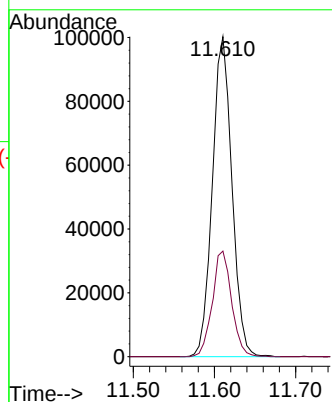
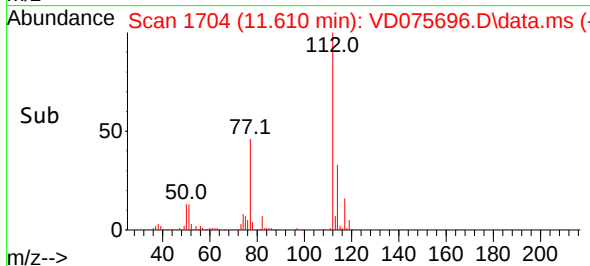
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



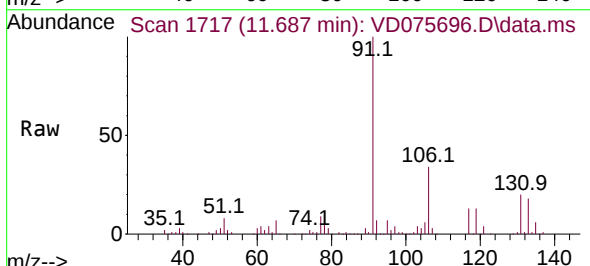
Tgt Ion:112 Resp: 167939
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.8

Manual Integrations
APPROVED

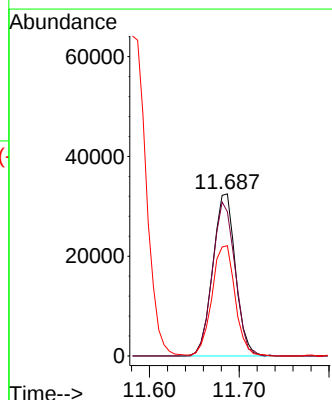
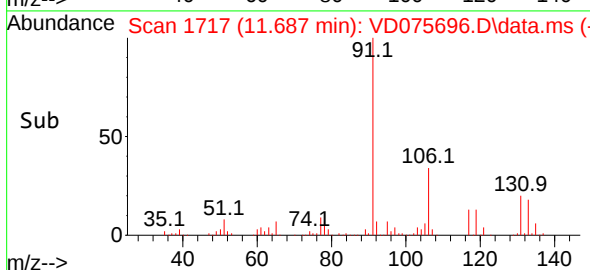
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

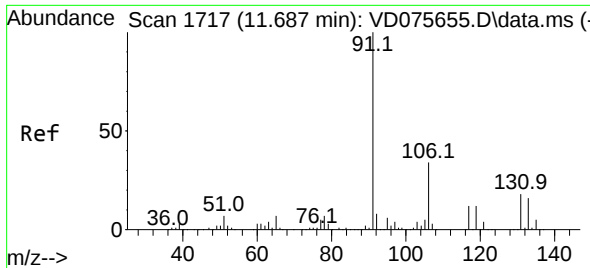


#66
1,1,1,2-Tetrachloroethane
Concen: 21.822 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39



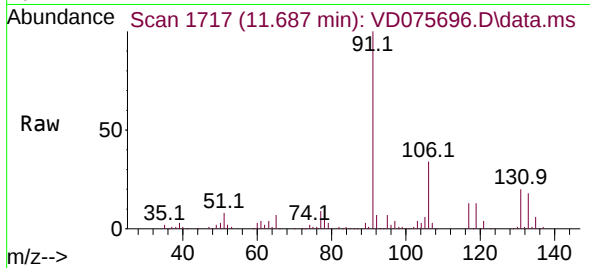
Tgt Ion:131 Resp: 57135
Ion Ratio Lower Upper
131 100
133 94.9 46.7 140.0
119 69.5 31.9 95.9





#67
Ethyl Benzene
Concen: 21.451 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

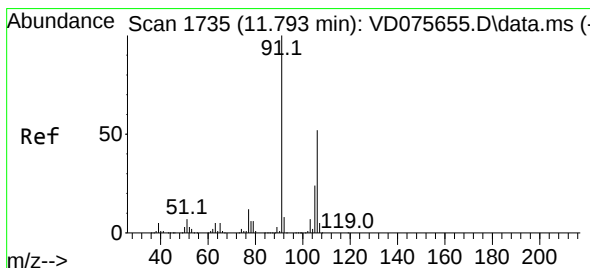
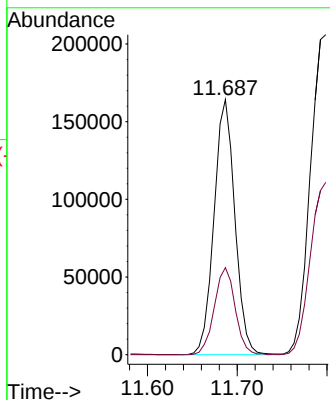
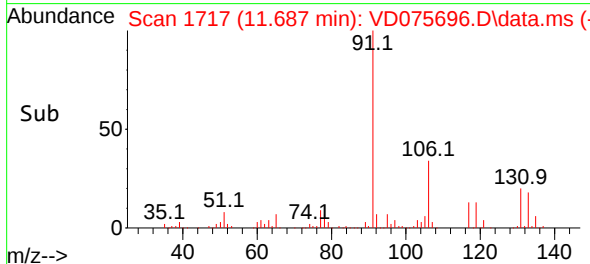
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



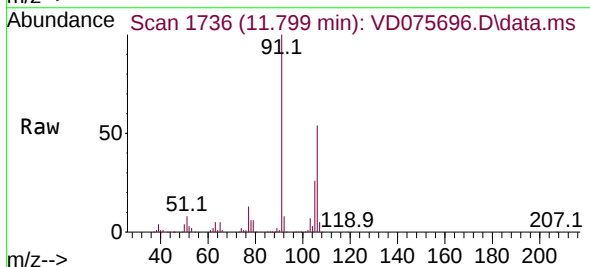
Tgt Ion: 91 Resp: 26513
Ion Ratio Lower Upper
91 100
106 34.1 24.5 36.7

Manual Integrations
APPROVED

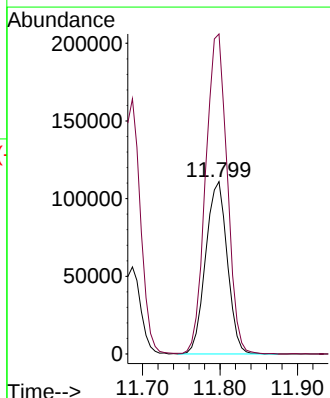
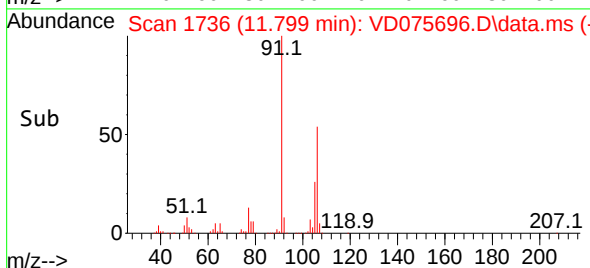
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

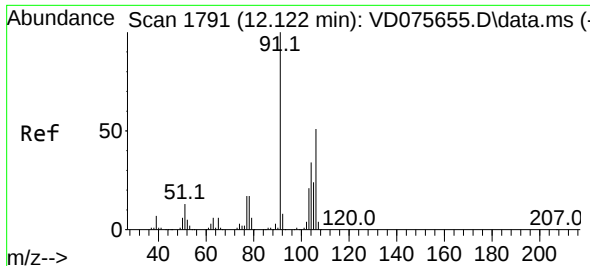


#68
m/p-Xylenes
Concen: 42.544 ug/l
RT: 11.799 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39



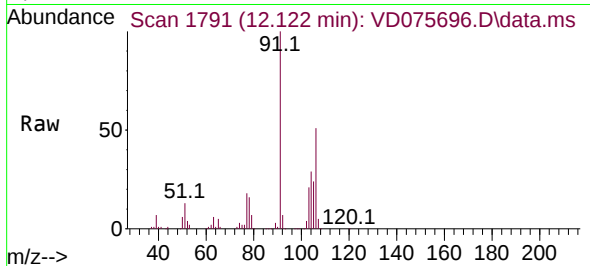
Tgt Ion:106 Resp: 215501
Ion Ratio Lower Upper
106 100
91 185.0 161.5 242.3





#69
o-Xylene
Concen: 21.063 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

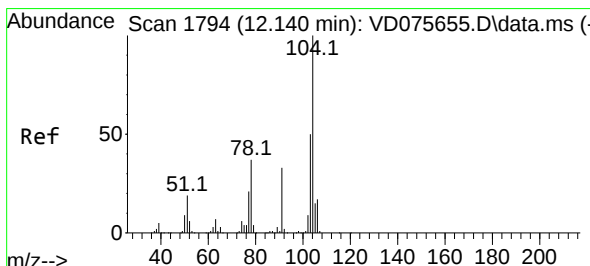
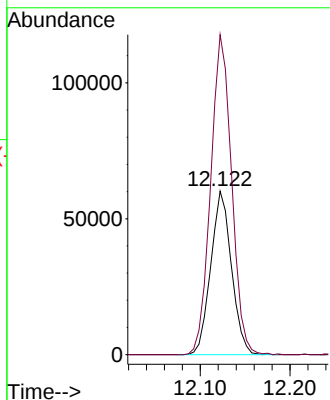
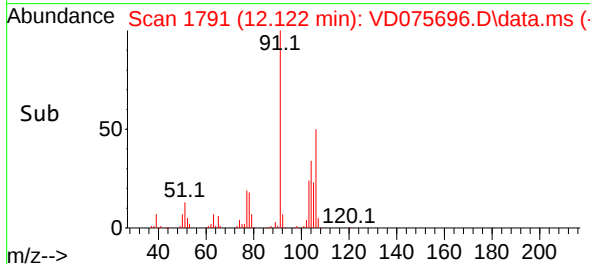
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



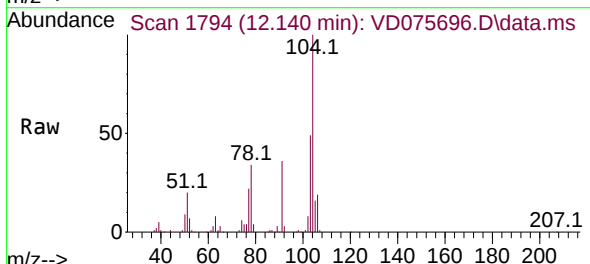
Tgt Ion:106 Resp: 96472
Ion Ratio Lower Upper
106 100
91 197.9 105.7 317.1

Manual Integrations
APPROVED

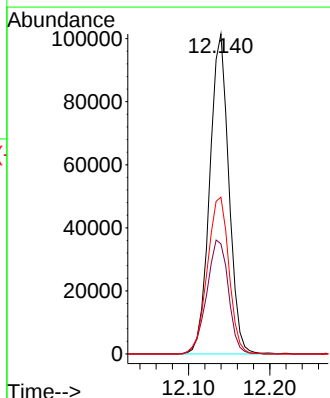
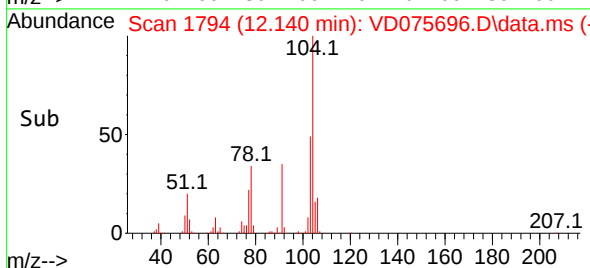
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

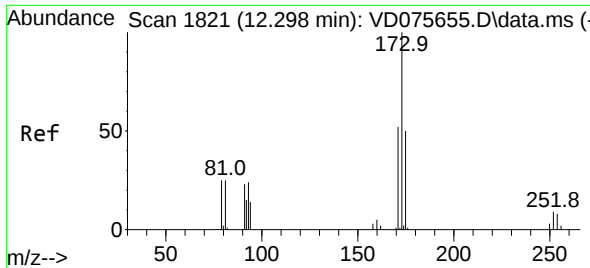


#70
Styrene
Concen: 19.992 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39



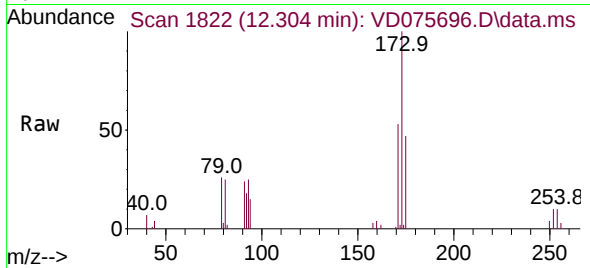
Tgt Ion:104 Resp: 165812
Ion Ratio Lower Upper
104 100
78 40.4 40.2 60.4
103 55.2 44.2 66.2





#71
Bromoform
Concen: 19.203 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

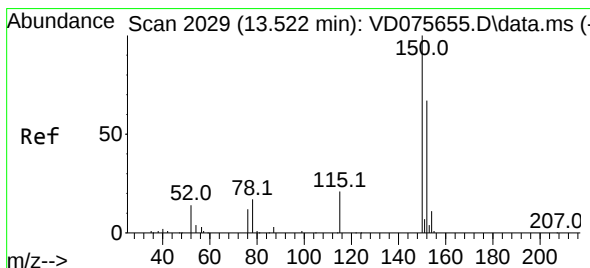
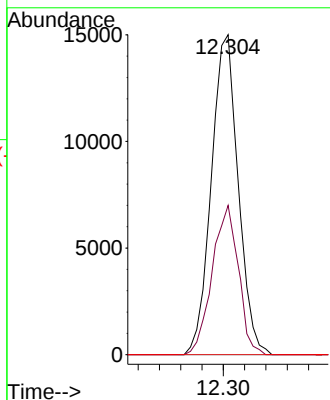
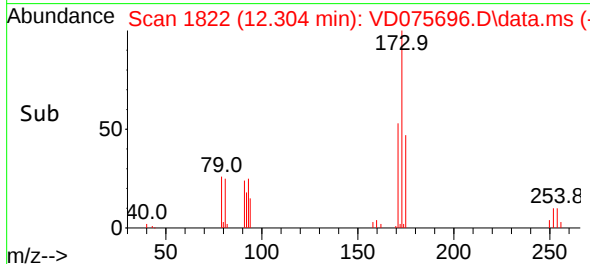
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



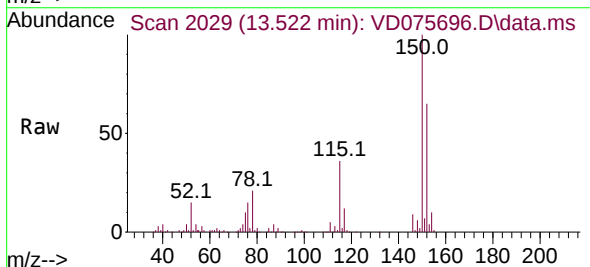
Tgt Ion:173 Resp: 2628
Ion Ratio Lower Upper
173 100
175 45.4 23.5 70.5
254 0.0 0.0 0.0

Manual Integrations
APPROVED

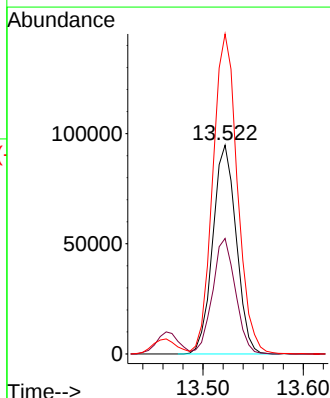
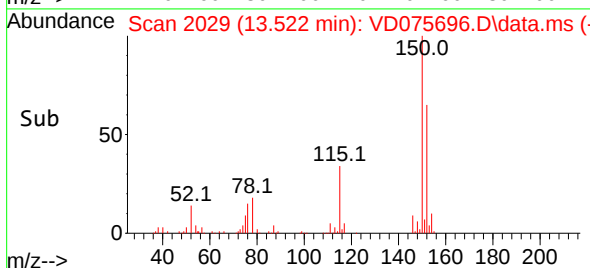
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

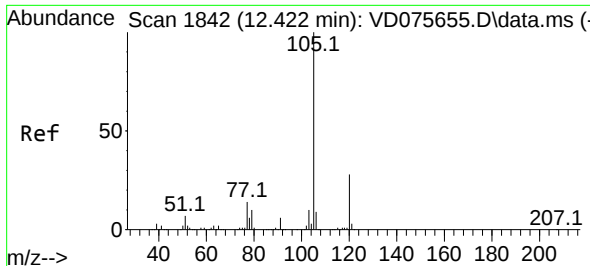


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39



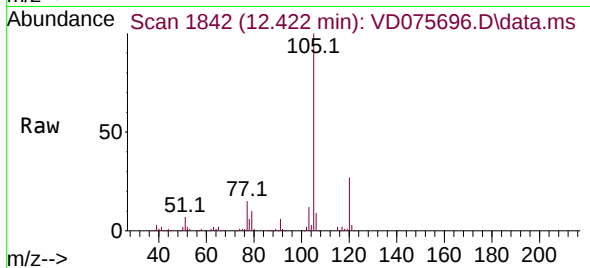
Tgt Ion:152 Resp: 153454
Ion Ratio Lower Upper
152 100
115 54.3 30.1 90.3
150 161.1 0.0 364.8





#73
Isopropylbenzene
Concen: 21.547 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

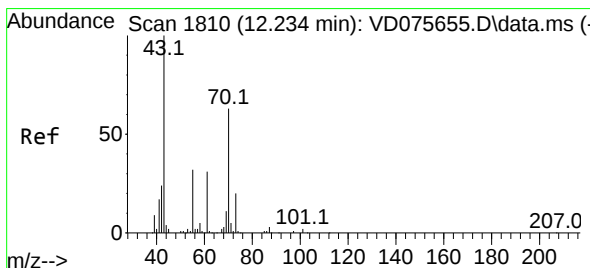
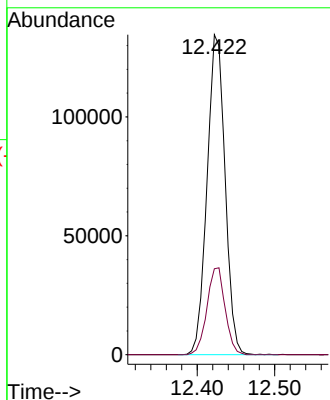
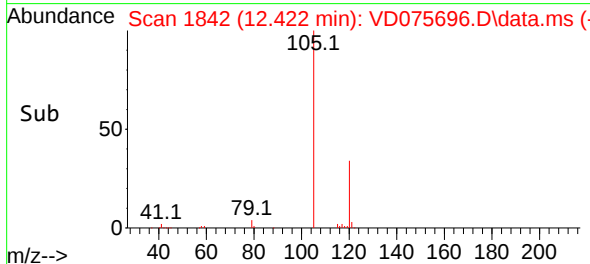
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



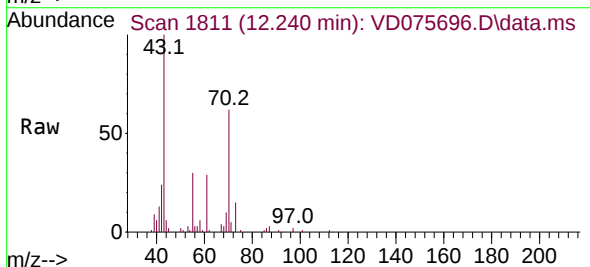
Tgt Ion: 105 Resp: 21700
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.1

Manual Integrations
APPROVED

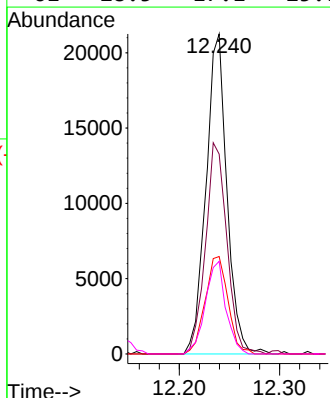
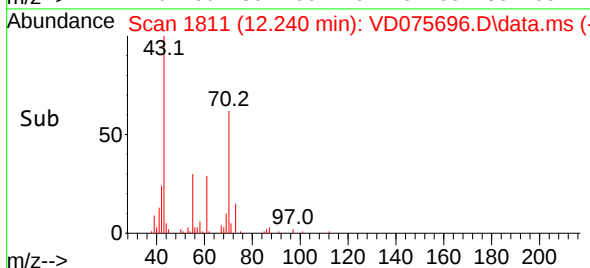
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

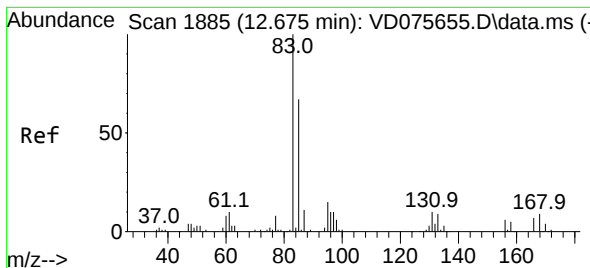


#74
N-ethyl acetate
Concen: 20.890 ug/l
RT: 12.240 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39



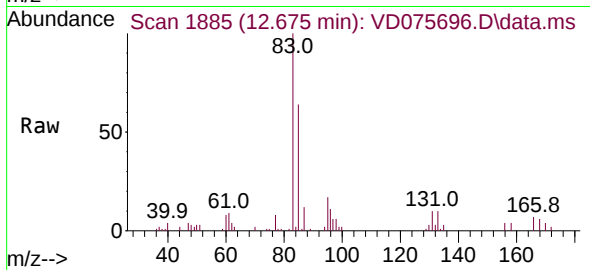
Tgt Ion: 43 Resp: 30916
Ion Ratio Lower Upper
43 100
70 67.2 31.0 46.4#
55 33.1 18.6 28.0#
61 28.5 17.1 25.7#





#75
1,1,2,2-Tetrachloroethane
Concen: 21.617 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

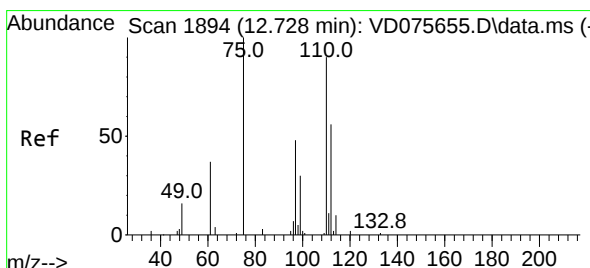
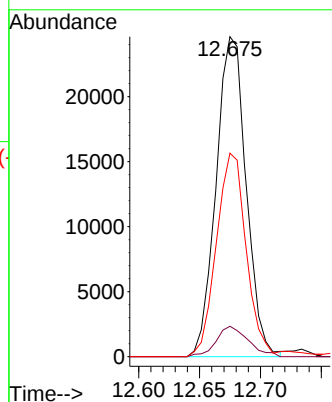
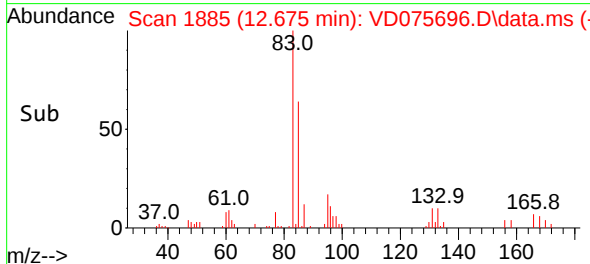
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



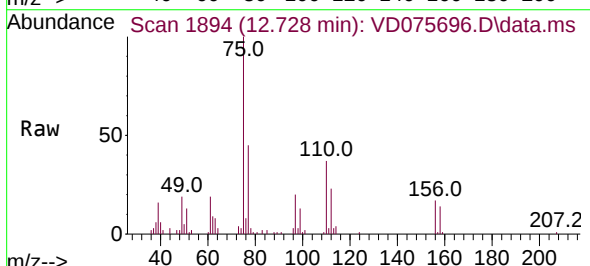
Tgt Ion: 83 Resp: 42292
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.2
85 63.1 33.6 100.6

Manual Integrations
APPROVED

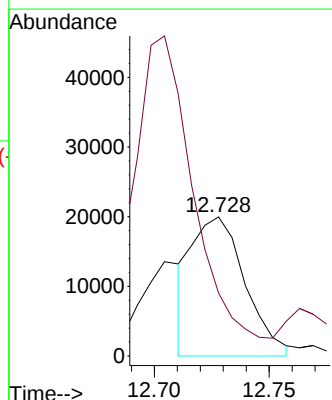
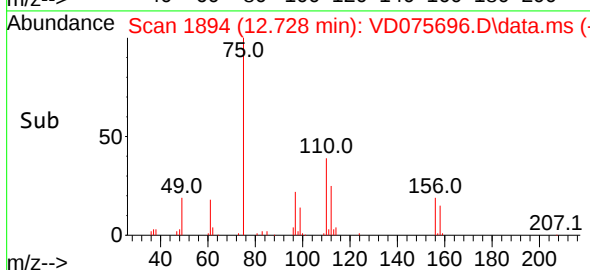
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

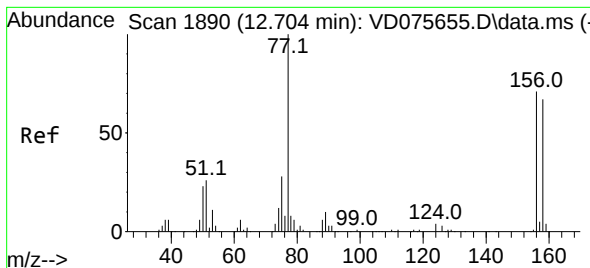


#76
1,2,3-Trichloropropane
Concen: 25.838 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39



Tgt Ion: 75 Resp: 32334
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.139 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD075696.D

Acq: 17 Apr 2023 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

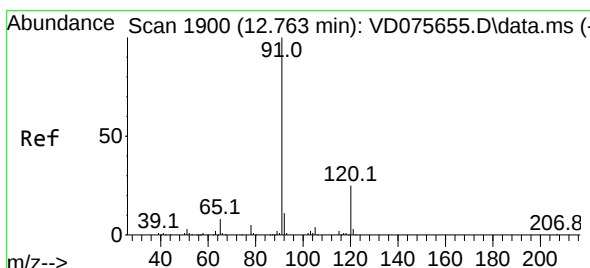
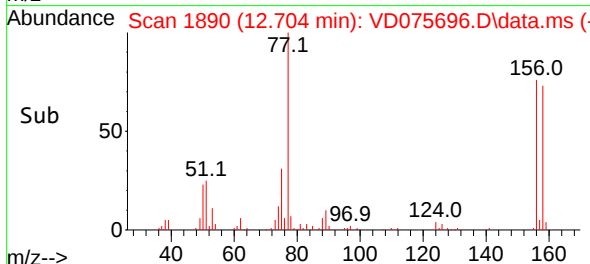
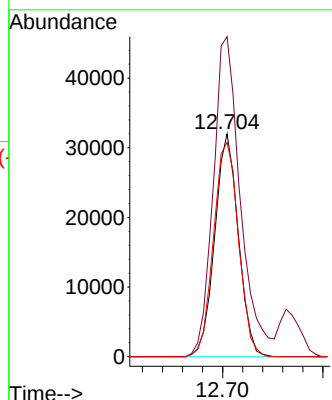
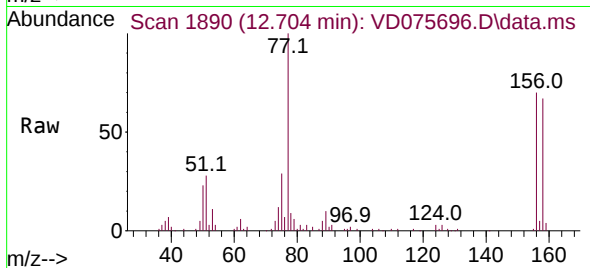
Tgt Ion:	156	Resp:	5228
Ion Ratio	Lower	Upper	
156	100		
77	166.0	89.5	268.6
158	102.0	47.8	143.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#78

n-propylbenzene

Concen: 21.954 ug/l

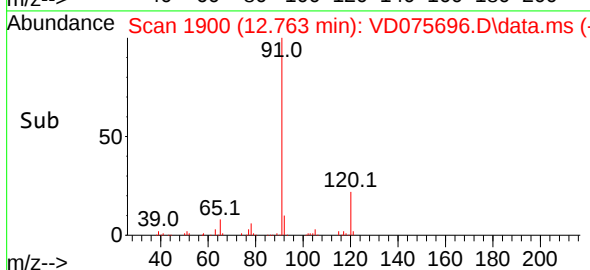
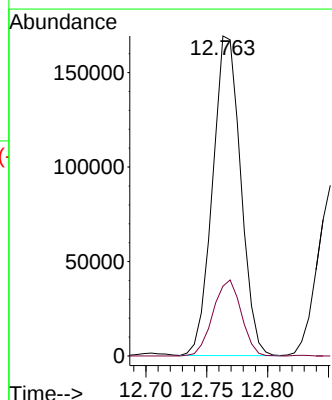
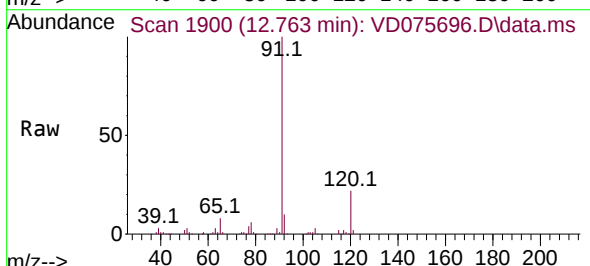
RT: 12.763 min Scan# 1900

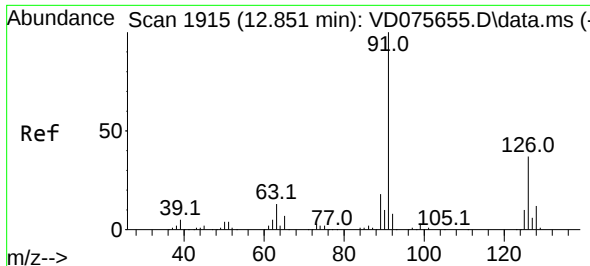
Delta R.T. 0.000 min

Lab File: VD075696.D

Acq: 17 Apr 2023 12:39

Tgt Ion:	91	Resp:	271026
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.4	34.2





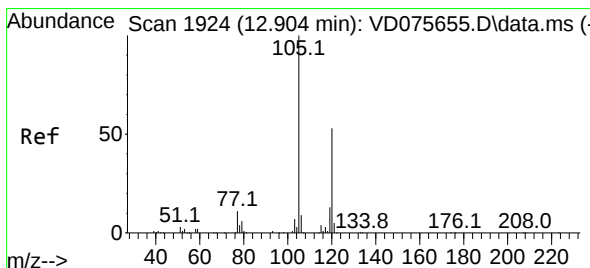
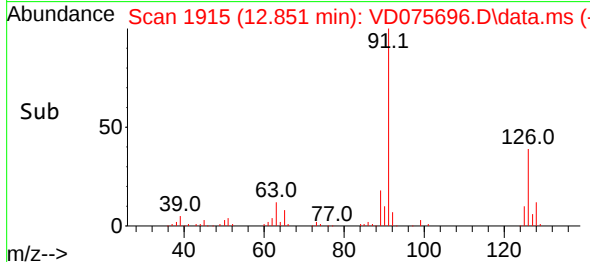
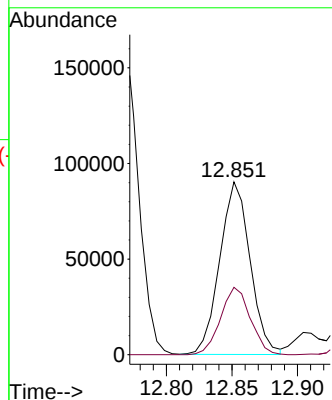
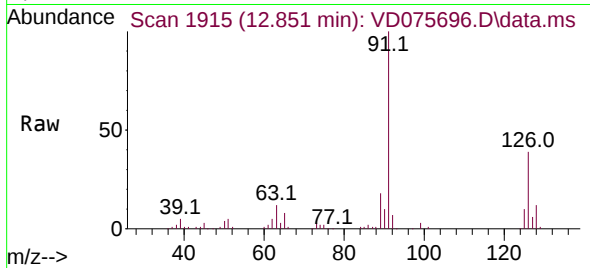
#79
2-Chlorotoluene
Concen: 20.745 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tgt Ion: 91 Resp: 14525
Ion Ratio Lower Upper
91 100
126 38.1 16.8 50.3

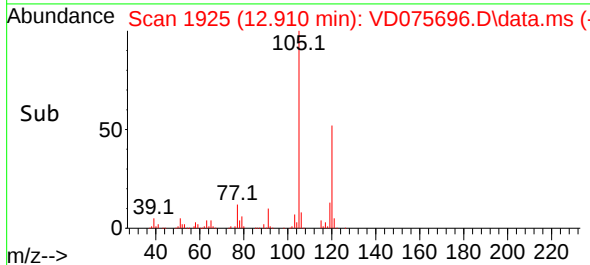
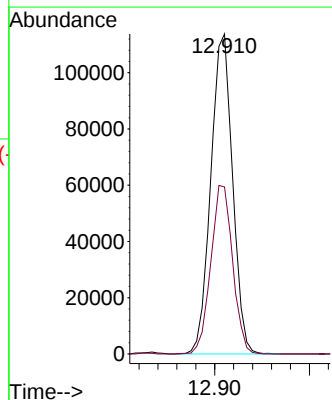
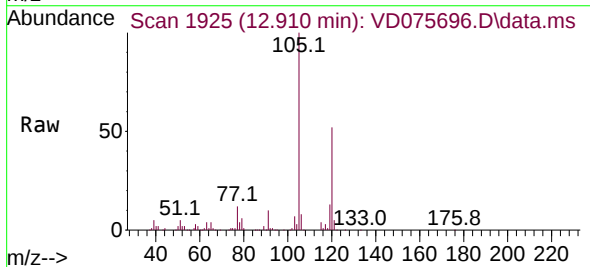
Manual Integrations
APPROVED

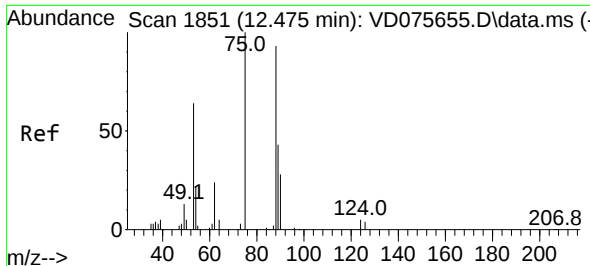
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.586 ug/l
RT: 12.910 min Scan# 1925
Delta R.T. 0.006 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

Tgt Ion:105 Resp: 181235
Ion Ratio Lower Upper
105 100
120 52.9 24.3 72.8





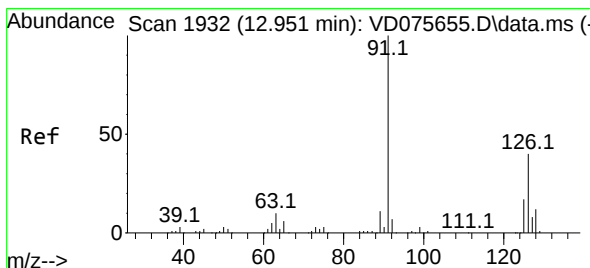
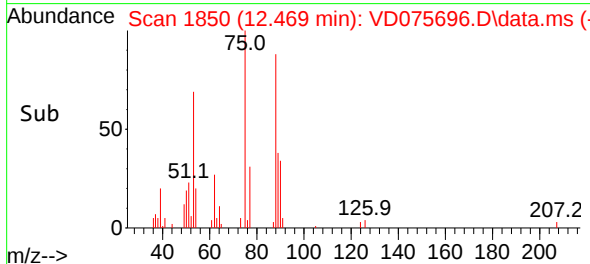
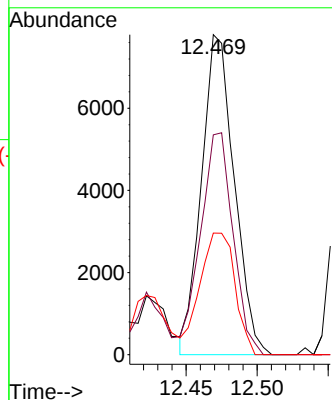
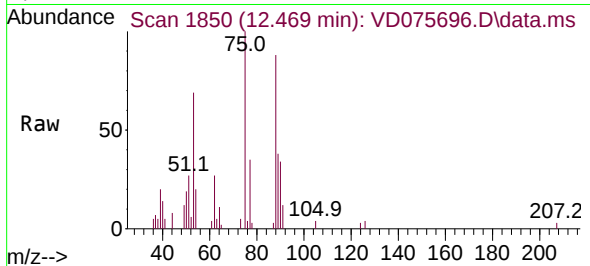
#81
trans-1,4-Dichloro-2-butene
Concen: 21.651 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tgt Ion: 75 Resp: 1250
Ion Ratio Lower Upper
75 100
53 69.6 90.5 135.7
89 40.7 40.2 60.4

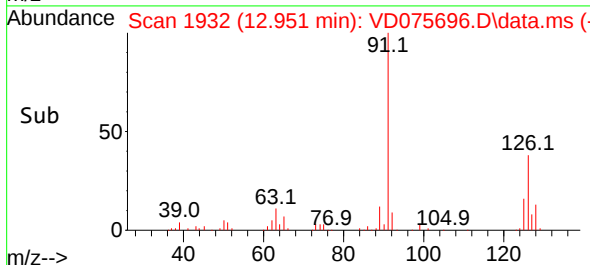
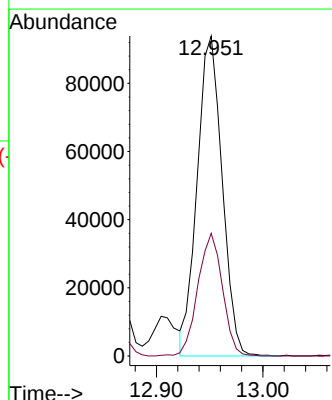
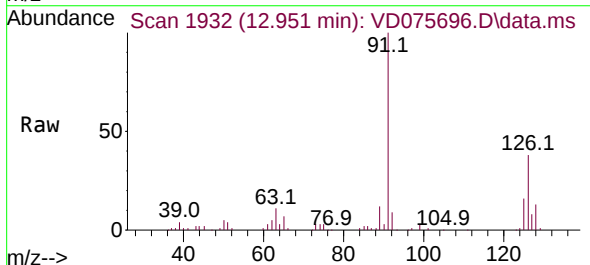
Manual Integrations
APPROVED

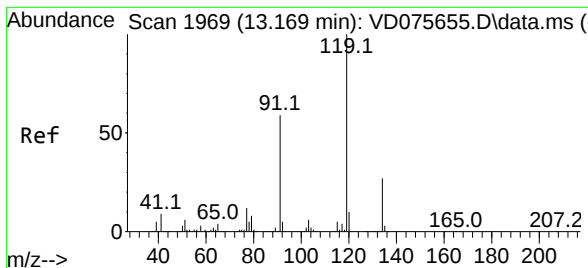
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#82
4-Chlorotoluene
Concen: 21.046 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

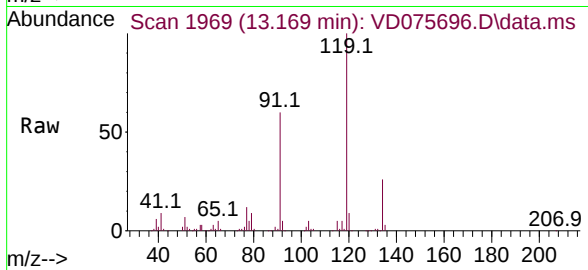
Tgt Ion: 91 Resp: 153225
Ion Ratio Lower Upper
91 100
126 37.8 17.1 51.2





#83
tert-Butylbenzene
Concen: 21.286 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

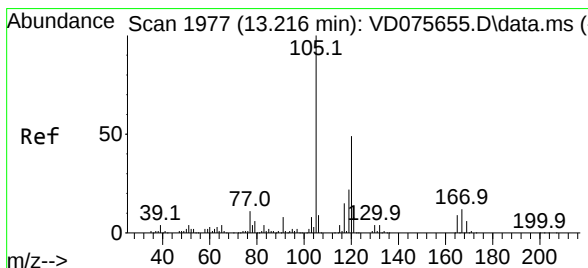
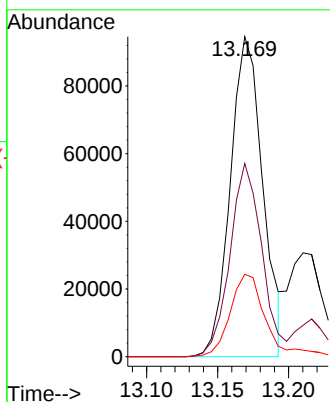
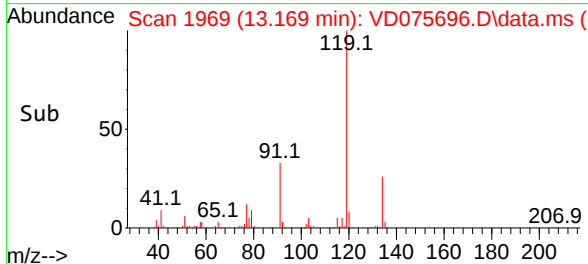
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



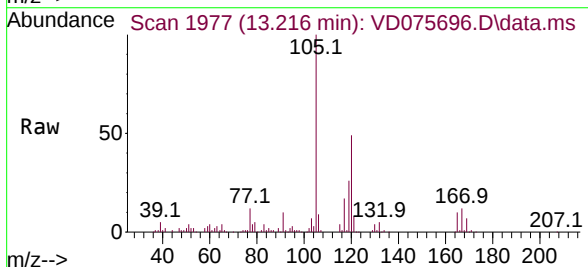
Tgt Ion:119 Resp: 150688
Ion Ratio Lower Upper
119 100
91 59.5 32.4 97.0
134 28.2 13.0 39.0

Manual Integrations
APPROVED

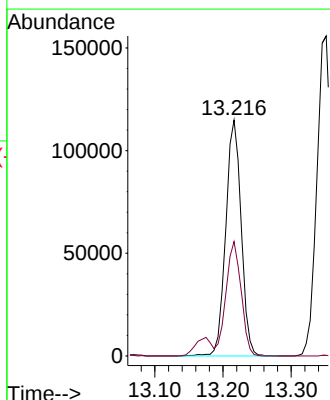
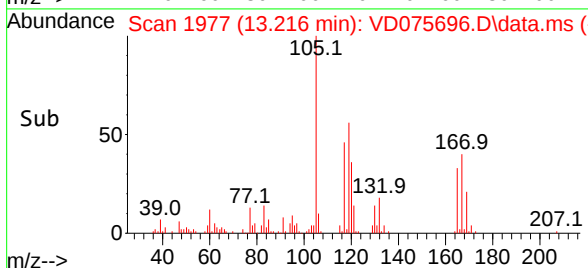
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

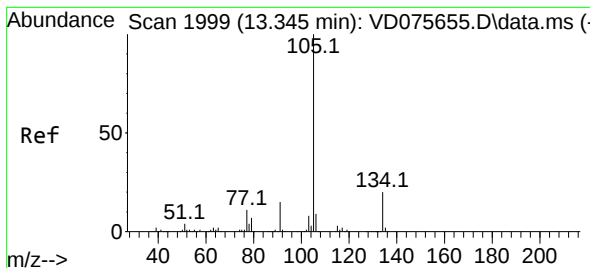


#84
1,2,4-Trimethylbenzene
Concen: 21.470 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39



Tgt Ion:105 Resp: 180875
Ion Ratio Lower Upper
105 100
120 47.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 22.113 ug/l

RT: 13.351 min Scan# 2000

Delta R.T. 0.006 min

Lab File: VD075696.D

Acq: 17 Apr 2023 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

Tgt Ion:105 Resp: 241504

Ion Ratio Lower Upper

105 100

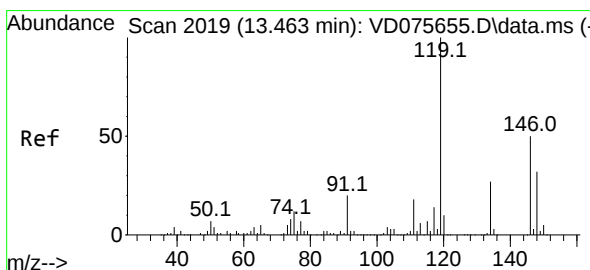
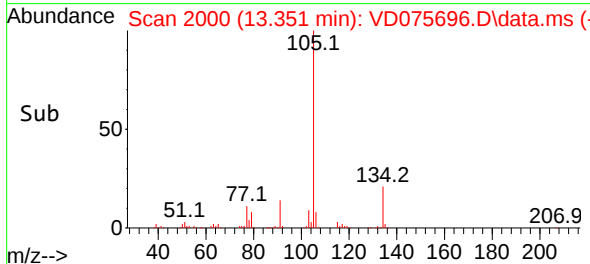
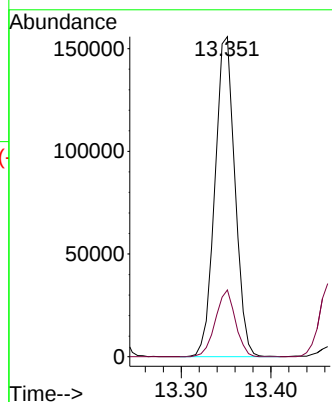
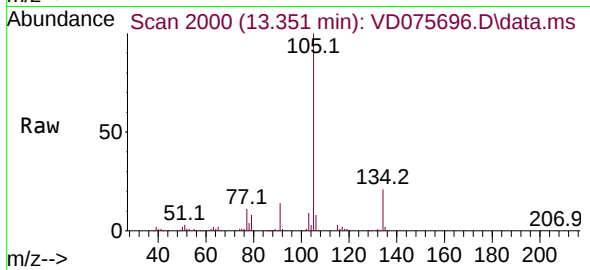
134 20.7 9.9 29.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#86

p-Isopropyltoluene

Concen: 21.495 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075696.D

Acq: 17 Apr 2023 12:39

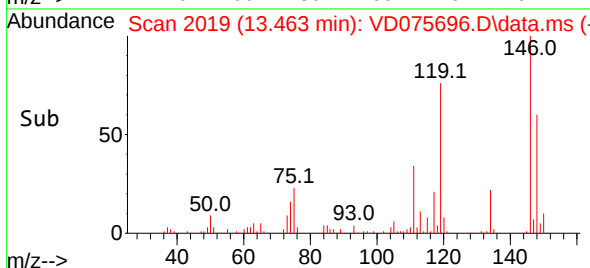
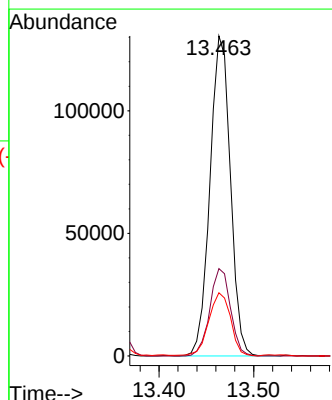
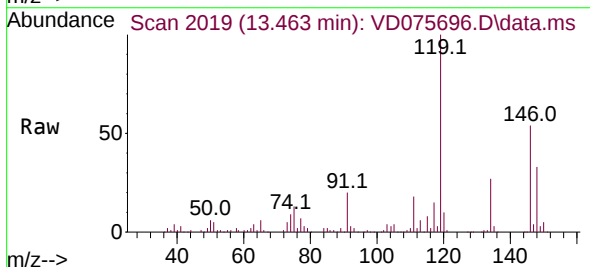
Tgt Ion:119 Resp: 195429

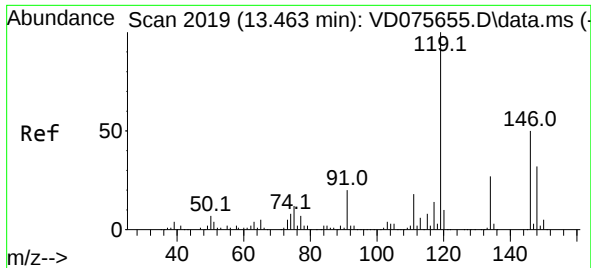
Ion Ratio Lower Upper

119 100

134 27.6 13.1 39.3

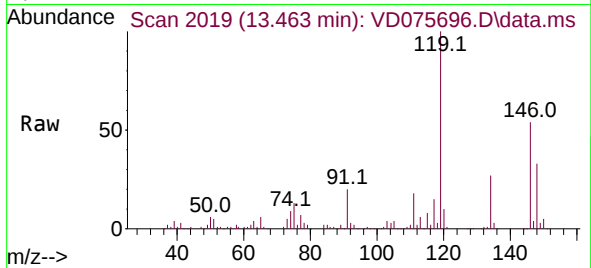
91 21.2 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 20.537 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

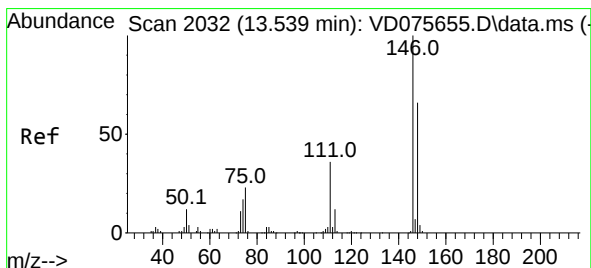
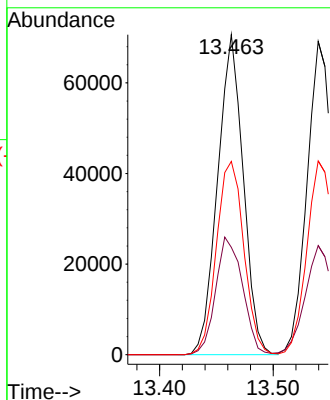
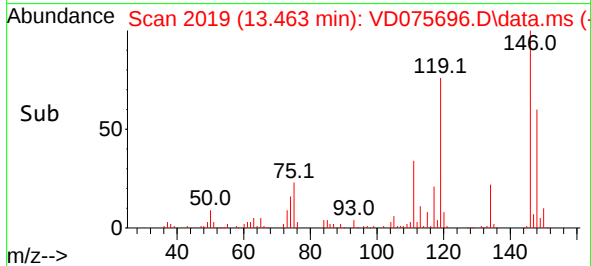
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



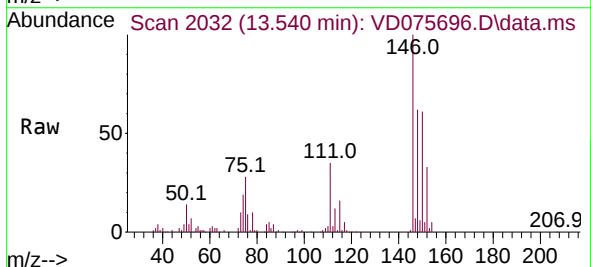
Tgt Ion:146 Resp: 110928
Ion Ratio Lower Upper
146 100
111 38.5 19.8 59.3
148 64.6 31.0 93.0

Manual Integrations
APPROVED

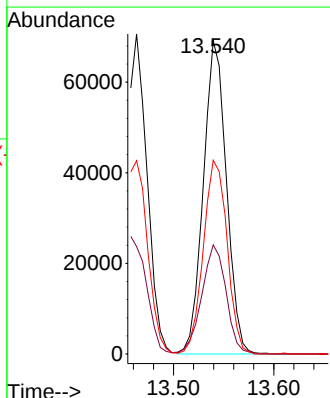
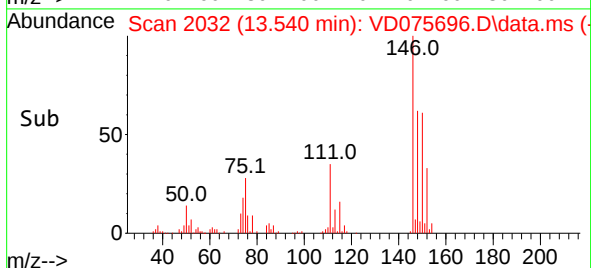
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

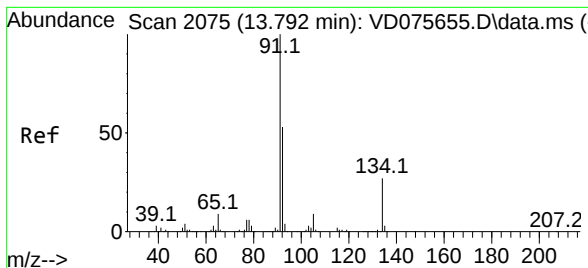


#88
1,4-Dichlorobenzene
Concen: 20.776 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.001 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39



Tgt Ion:146 Resp: 110869
Ion Ratio Lower Upper
146 100
111 36.7 19.6 58.8
148 63.8 31.7 95.1





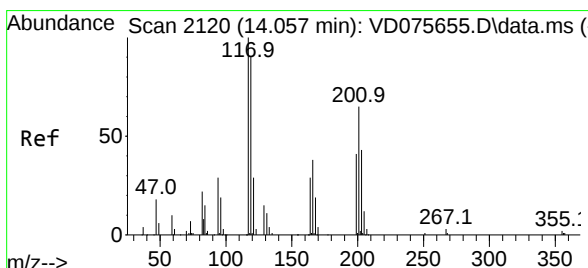
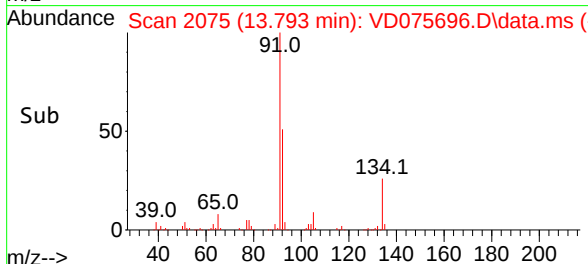
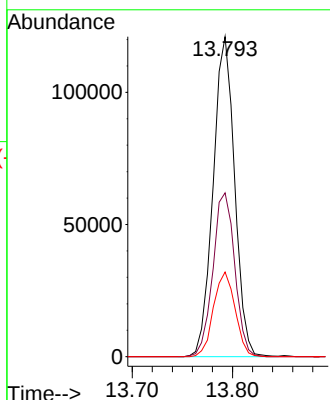
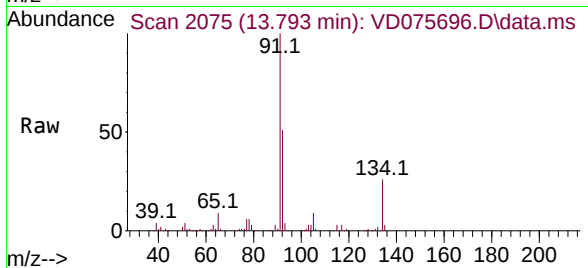
#89
n-Butylbenzene
Concen: 21.528 ug/l
RT: 13.793 min Scan# 2075
Delta R.T. 0.001 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tgt Ion: 91 Resp: 18029
Ion Ratio Lower Upper
91 100
92 52.1 26.2 78.5
134 26.5 12.7 38.0

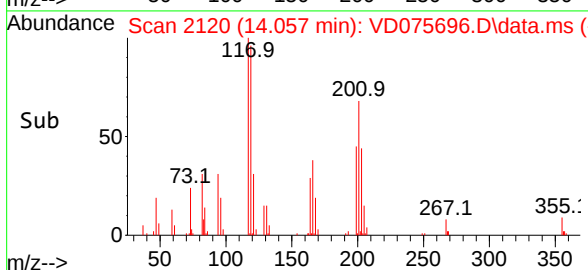
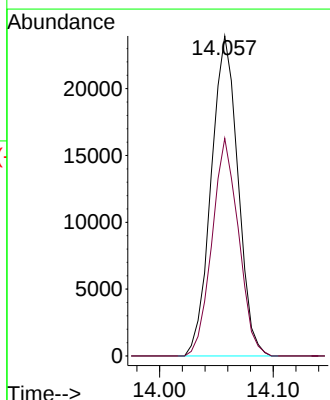
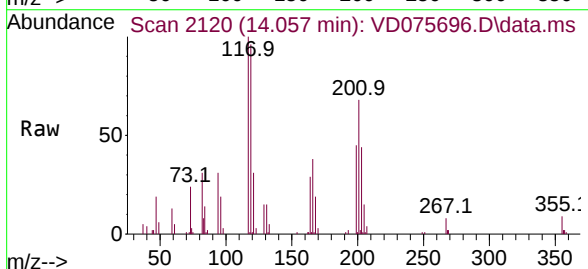
Manual Integrations
APPROVED

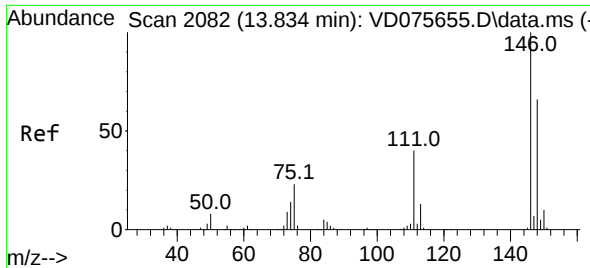
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#90
Hexachloroethane
Concen: 21.721 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

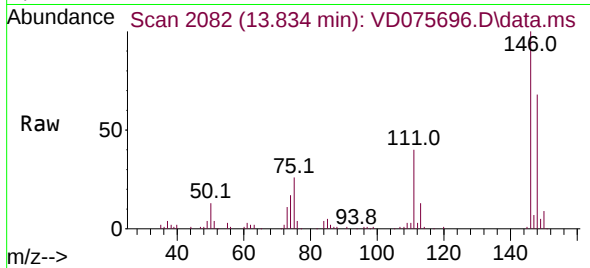
Tgt Ion:117 Resp: 39237
Ion Ratio Lower Upper
117 100
201 67.2 34.5 103.6





#91
1,2-Dichlorobenzene
Concen: 20.528 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

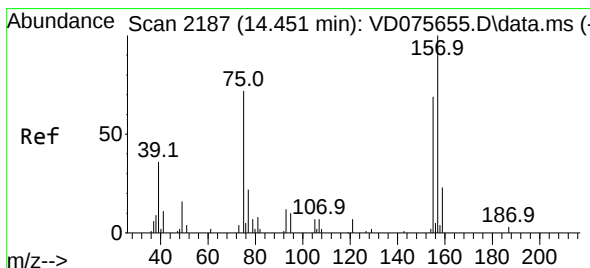
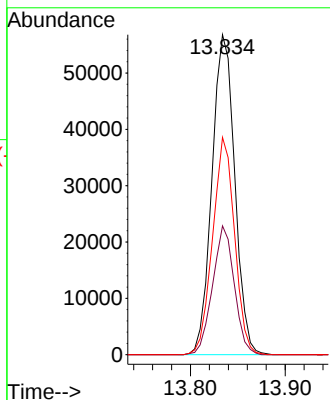
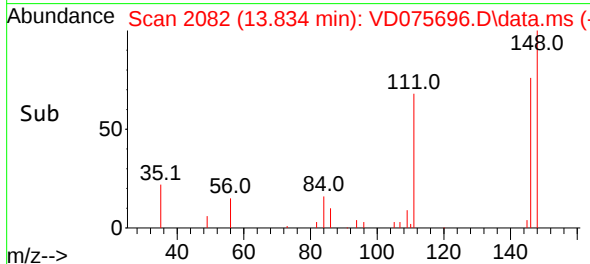
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



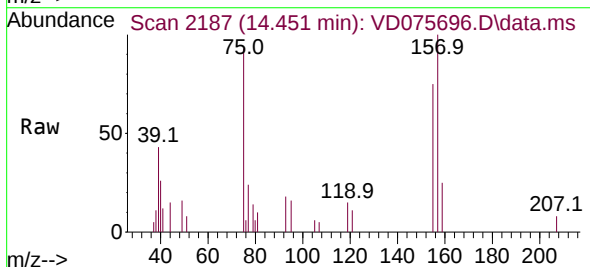
Tgt Ion:146 Resp: 9498
Ion Ratio Lower Upper
146 100
111 38.2 20.6 61.8
148 65.4 32.0 96.2

Manual Integrations
APPROVED

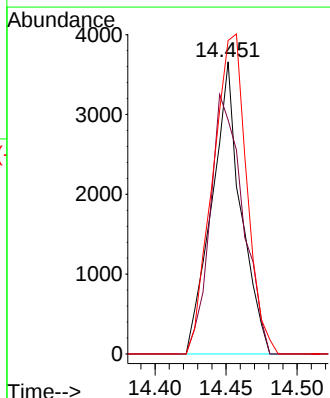
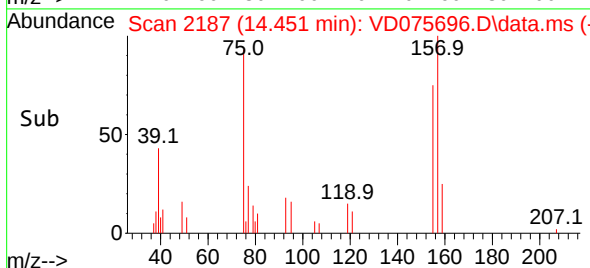
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

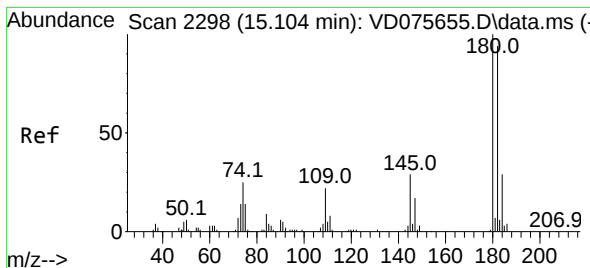


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.808 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39



Tgt Ion: 75 Resp: 5195
Ion Ratio Lower Upper
75 100
155 100.6 39.5 118.5
157 128.3 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 18.617 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD075696.D

Acq: 17 Apr 2023 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

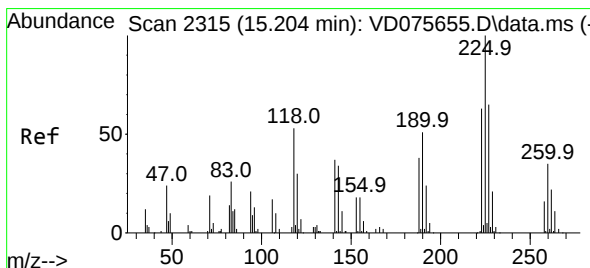
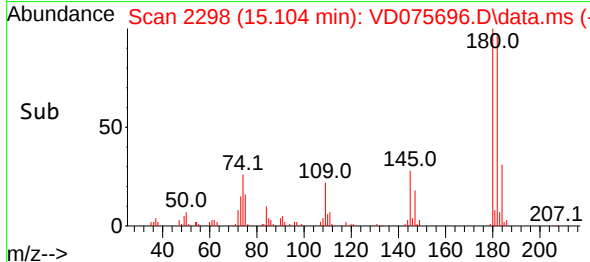
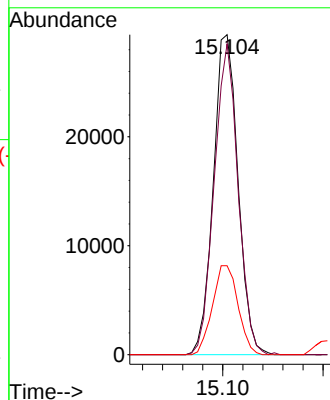
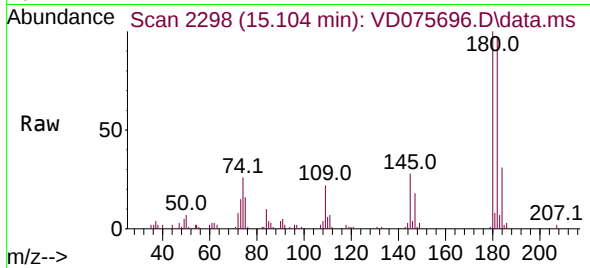
Tgt Ion:	180	Resp:	50110
Ion Ratio	Lower	Upper	
180	100		
182	93.7	47.9	143.7
145	28.8	15.9	47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#94

Hexachlorobutadiene

Concen: 19.539 ug/l

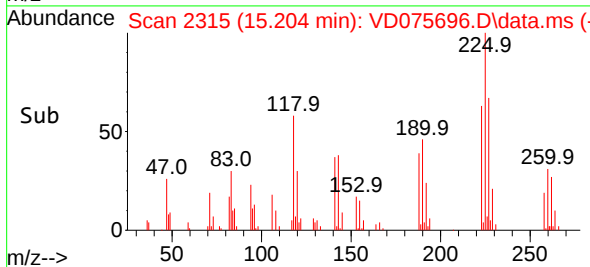
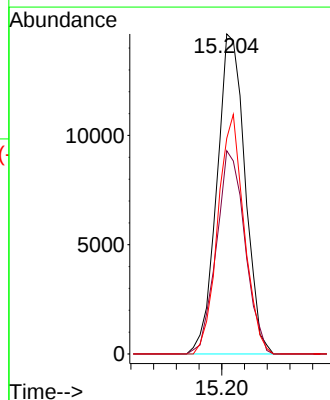
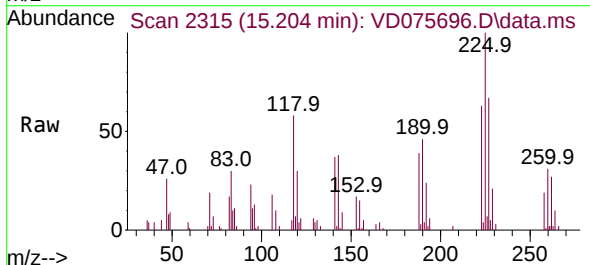
RT: 15.204 min Scan# 2315

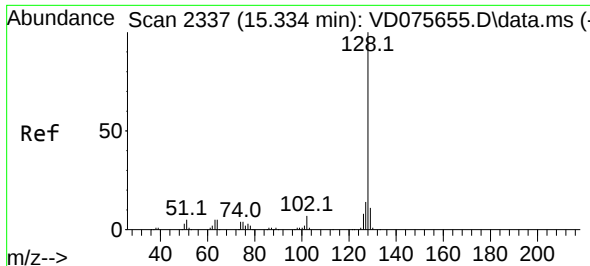
Delta R.T. 0.000 min

Lab File: VD075696.D

Acq: 17 Apr 2023 12:39

Tgt Ion:	225	Resp:	25139
Ion Ratio	Lower	Upper	
225	100		
223	64.4	33.1	99.2
227	69.7	31.9	95.9





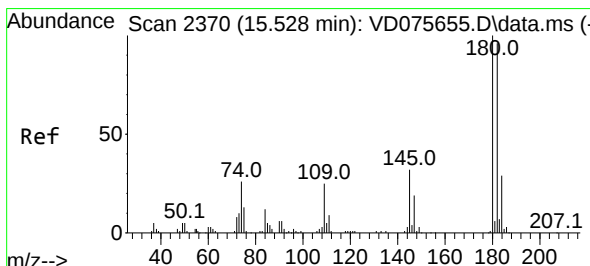
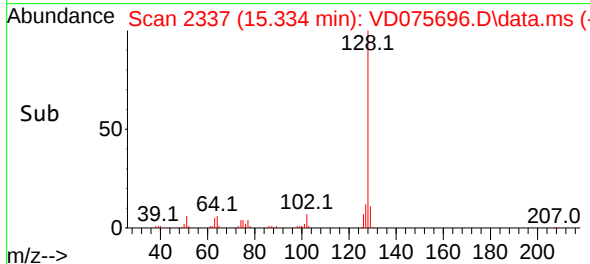
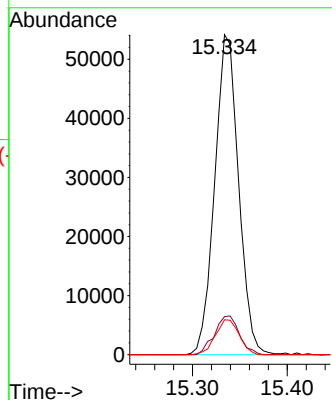
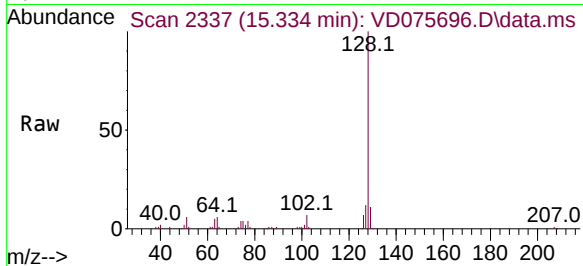
#95
Naphthalene
Concen: 18.594 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	10.9	8.8	13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.879 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD075696.D
Acq: 17 Apr 2023 12:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.7	143.1
145	31.4	16.4	49.4

