

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110623\
 Data File : VD077507.D
 Acq On : 06 Nov 2023 12:01
 Operator : JC/SY
 Sample : VD1106SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/07/2023
 Supervised By : Mahesh Dadoda 11/07/2023

Quant Time: Nov 07 02:08:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	223882	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	397362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	349930	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	160722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	145496	45.959	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.920%		
35) Dibromofluoromethane	7.804	113	128407	46.754	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.500%		
50) Toluene-d8	10.269	98	533339	49.995	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.000%		
62) 4-Bromofluorobenzene	12.575	95	166505	46.342	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	92.680%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	34868	19.315	ug/l	98
3) Chloromethane	2.152	50	53011	18.496	ug/l	99
4) Vinyl Chloride	2.287	62	62065	22.207	ug/l	99
5) Bromomethane	2.687	94	35029	23.919	ug/l	97
6) Chloroethane	2.840	64	44126	23.451	ug/l	98
7) Trichlorofluoromethane	3.175	101	74517	19.039	ug/l	97
8) Diethyl Ether	3.593	74	25687	18.258	ug/l #	55
9) 1,1,2-Trichlorotrifluo...	3.969	101	47031	19.905	ug/l	94
10) Methyl Iodide	4.163	142	44644	17.167	ug/l	92
11) Tert butyl alcohol	5.052	59	23213	92.566	ug/l	98
12) 1,1-Dichloroethene	3.940	96	40477	18.095	ug/l #	72
13) Acrolein	3.799	56	30634	92.635	ug/l	97
14) Allyl chloride	4.558	41	96337	17.853	ug/l #	84
15) Acrylonitrile	5.258	53	75051	98.683	ug/l	99
16) Acetone	4.022	43	86475	103.228	ug/l #	81
17) Carbon Disulfide	4.275	76	79760	14.448	ug/l	95
18) Methyl Acetate	4.563	43	54854	17.952	ug/l #	79
19) Methyl tert-butyl Ether	5.316	73	132150	18.821	ug/l	96
20) Methylene Chloride	4.805	84	73469	21.974	ug/l #	62
21) trans-1,2-Dichloroethene	5.316	96	46192	17.731	ug/l #	78
22) Diisopropyl ether	6.216	45	209864	18.299	ug/l #	88
23) Vinyl Acetate	6.157	43	456409m	92.243	ug/l	
24) 1,1-Dichloroethane	6.110	63	113398	19.055	ug/l	93
25) 2-Butanone	7.087	43	105601	94.508	ug/l #	76
26) 2,2-Dichloropropane	7.075	77	99115	18.794	ug/l	90
27) cis-1,2-Dichloroethene	7.081	96	60194	18.650	ug/l	69
28) Bromochloromethane	7.428	49	41050	16.680	ug/l #	56
29) Tetrahydrofuran	7.452	42	61603	92.957	ug/l #	70
30) Chloroform	7.593	83	107149	19.284	ug/l	96
31) Cyclohexane	7.881	56	84933	17.162	ug/l #	80
32) 1,1,1-Trichloroethane	7.799	97	88682	19.371	ug/l	96
36) 1,1-Dichloropropene	8.010	75	72753	17.867	ug/l	92
37) Ethyl Acetate	7.163	43	42800	18.315	ug/l #	91
38) Carbon Tetrachloride	7.999	117	74830	19.501	ug/l	94
39) Methylcyclohexane	9.275	83	79540	17.120	ug/l #	78
40) Benzene	8.251	78	221422	19.069	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	28754	19.230	ug/l #	71
42) 1,2-Dichloroethane	8.328	62	67140	18.256	ug/l	92
43) Isopropyl Acetate	8.357	43	87317	18.106	ug/l #	80
44) Trichloroethene	9.028	130	52198	18.352	ug/l	83
45) 1,2-Dichloropropane	9.310	63	66949	19.585	ug/l	99
46) Dibromomethane	9.393	93	29326	17.826	ug/l	91
47) Bromodichloromethane	9.587	83	80526	18.519	ug/l	99
48) Methyl methacrylate	9.381	41	37902	16.465	ug/l #	66
49) 1,4-Dioxane	9.387	88	6939	392.539	ug/l #	55
51) 4-Methyl-2-Pentanone	10.157	43	223087	93.984	ug/l #	80
52) Toluene	10.334	92	135104	19.086	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	84321	18.313	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	98894	18.665	ug/l #	79
55) 1,1,2-Trichloroethane	10.734	97	42777	19.490	ug/l	94
56) Ethyl methacrylate	10.598	69	59548	18.247	ug/l #	64
57) 1,3-Dichloropropane	10.881	76	78208	19.064	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	143910	88.086	ug/l #	84
59) 2-Hexanone	10.922	43	169386	96.869	ug/l	81
60) Dibromochloromethane	11.075	129	50091	18.979	ug/l	96
61) 1,2-Dibromoethane	11.181	107	38200	18.378	ug/l	96
64) Tetrachloroethene	10.810	164	41047	18.424	ug/l #	89
65) Chlorobenzene	11.610	112	142220	19.400	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	53337	19.253	ug/l	97
67) Ethyl Benzene	11.687	91	278489	19.743	ug/l	93
68) m/p-Xylenes	11.792	106	199797	39.225	ug/l	80
69) o-Xylene	12.122	106	94616	19.393	ug/l	79
70) Styrene	12.134	104	165183	19.625	ug/l #	89
71) Bromoform	12.298	173	28529	18.575	ug/l #	100
73) Isopropylbenzene	12.422	105	263226	20.088	ug/l	94
74) N-amyl acetate	12.234	43	84412	18.187	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.675	83	51422	20.019	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	37574m	19.208	ug/l	
77) Bromobenzene	12.698	156	55854	19.365	ug/l	73
78) n-propylbenzene	12.763	91	332577	19.988	ug/l	93
79) 2-Chlorotoluene	12.851	91	180906	19.203	ug/l	91
80) 1,3,5-Trimethylbenzene	12.904	105	217481	19.780	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.469	75	18982	18.744	ug/l	87
82) 4-Chlorotoluene	12.945	91	189345	19.295	ug/l	88
83) tert-Butylbenzene	13.169	119	189035	20.449	ug/l	89
84) 1,2,4-Trimethylbenzene	13.210	105	216260	19.800	ug/l	91
85) sec-Butylbenzene	13.345	105	295654	20.903	ug/l	94
86) p-Isopropyltoluene	13.463	119	232092	20.187	ug/l	93
87) 1,3-Dichlorobenzene	13.457	146	113601	20.037	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	112058	19.782	ug/l	96
89) n-Butylbenzene	13.786	91	243215	20.353	ug/l	97
90) Hexachloroethane	14.057	117	46728	19.862	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	99797	20.029	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	7950	18.372	ug/l	79
93) 1,2,4-Trichlorobenzene	15.098	180	63423	18.529	ug/l	98
94) Hexachlorobutadiene	15.204	225	35284	19.110	ug/l	97
95) Naphthalene	15.333	128	123839	18.965	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	56542	19.137	ug/l	100

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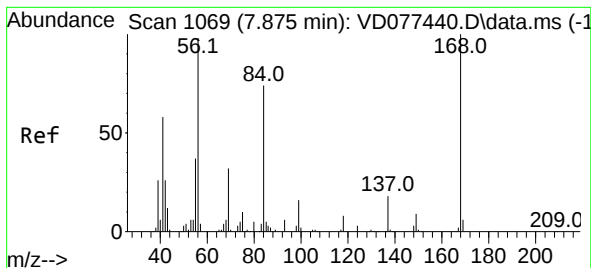
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 04:19:17 2023
Response via : Initial Calibration

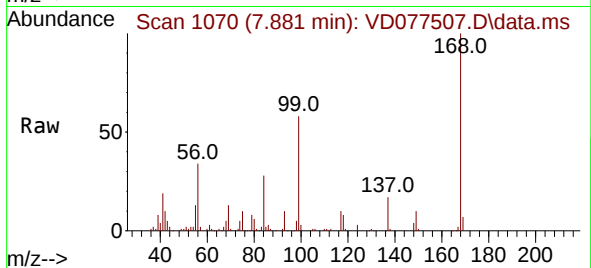
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
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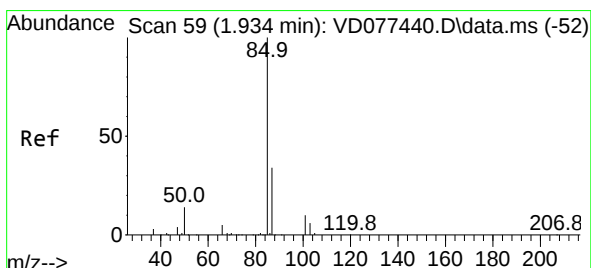
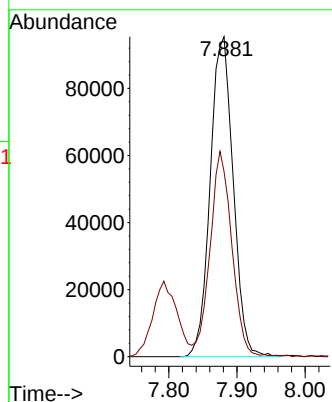
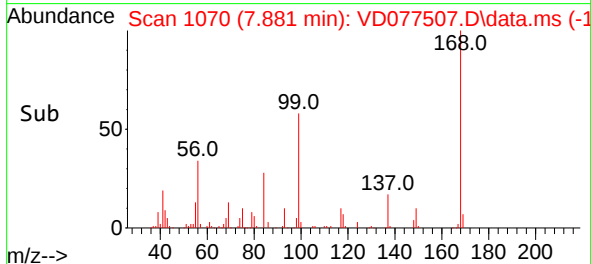
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 22388
Ion Ratio Lower Upper
168 100
99 57.6 36.7 55.1

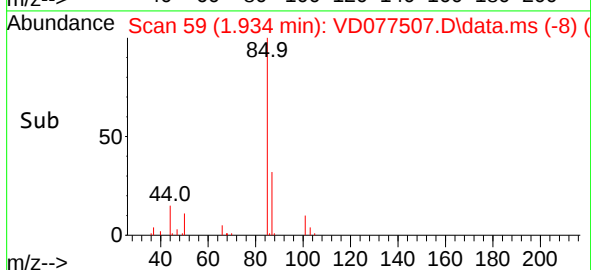
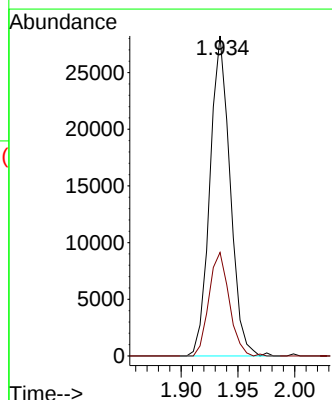
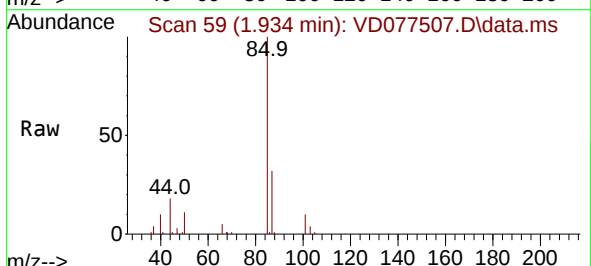
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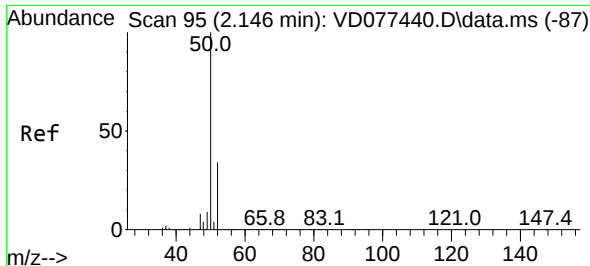
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#2
Dichlorodifluoromethane
Concen: 19.315 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

Tgt Ion: 85 Resp: 34868
Ion Ratio Lower Upper
85 100
87 32.3 15.7 47.0





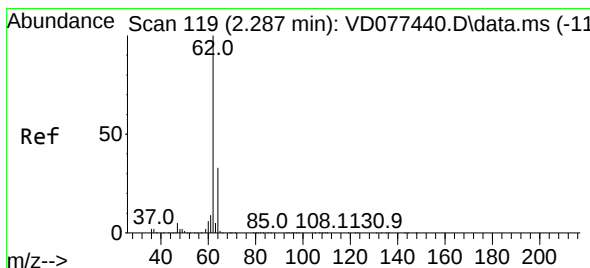
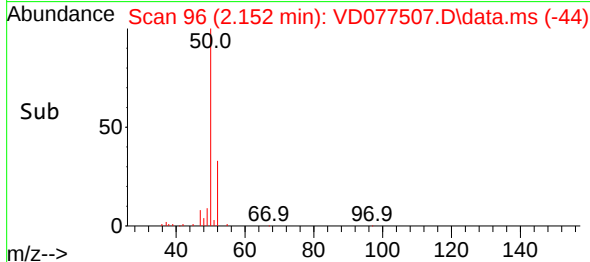
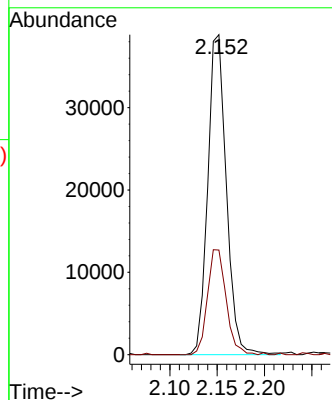
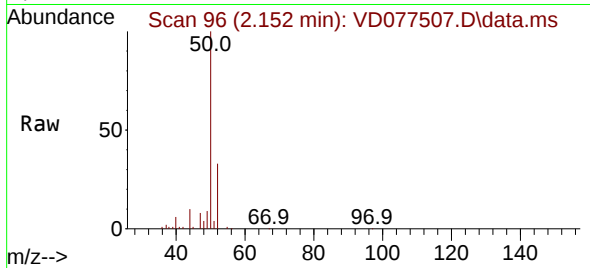
#3
Chloromethane
Concen: 18.496 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

Instrument :
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ClientSampleId :
VD1106SBSD01

Tgt Ion: 50 Resp: 5301
Ion Ratio Lower Upper
50 100
52 32.7 26.6 40.0

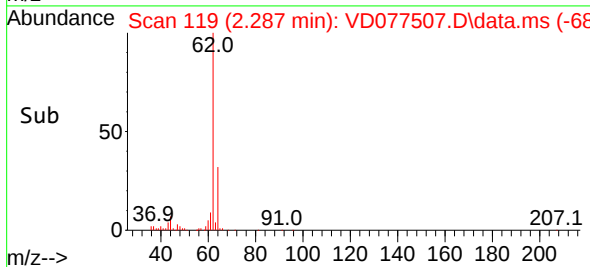
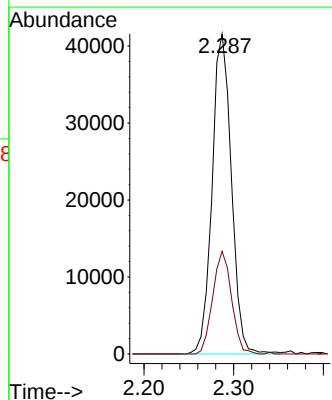
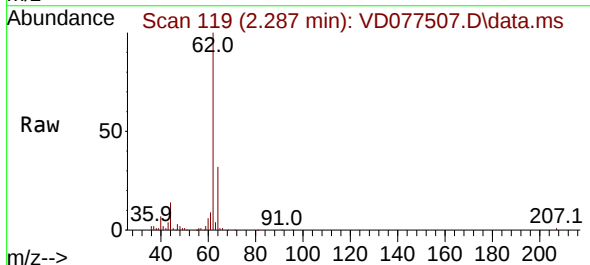
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#4
Vinyl Chloride
Concen: 22.207 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

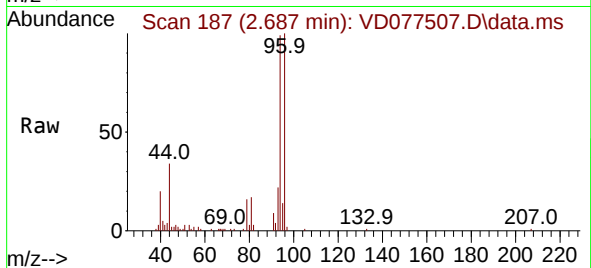
Tgt Ion: 62 Resp: 62065
Ion Ratio Lower Upper
62 100
64 32.0 26.0 39.0





#5
Bromomethane
Concen: 23.919 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

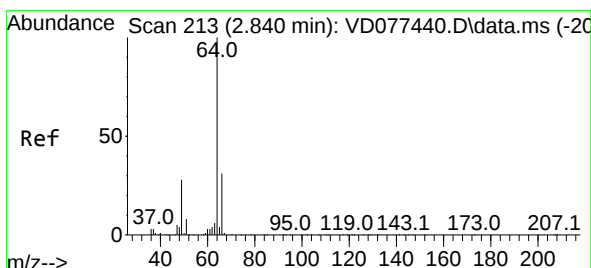
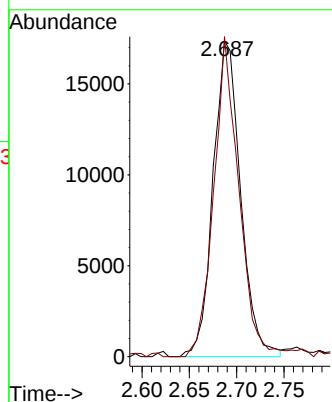
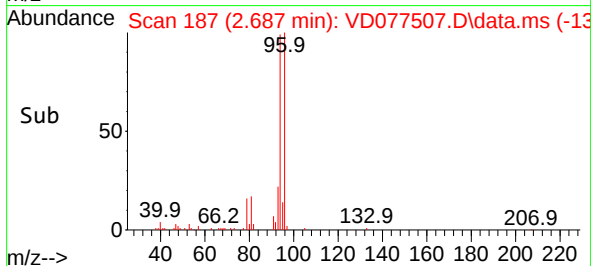
Instrument :
MSVOA_D
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Tgt Ion: 94 Resp: 35029
Ion Ratio Lower Upper
94 100
96 92.3 75.8 113.8

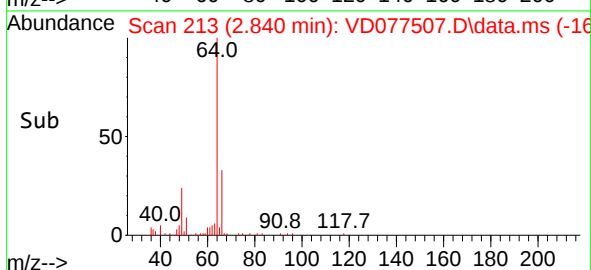
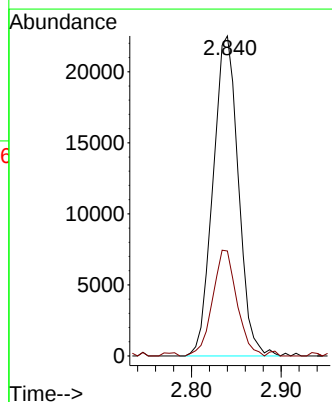
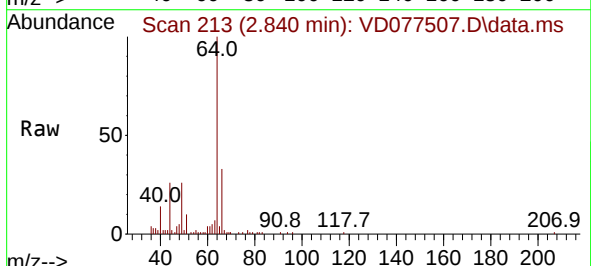
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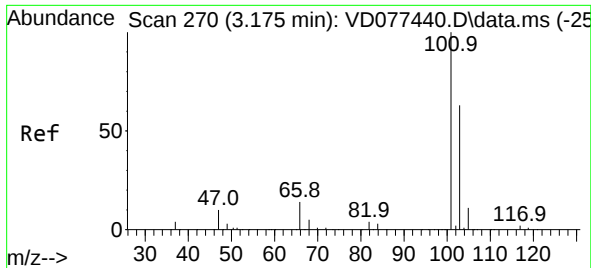
Reviewed By :John Carlone 11/07/2023
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#6
Chloroethane
Concen: 23.451 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

Tgt Ion: 64 Resp: 44126
Ion Ratio Lower Upper
64 100
66 32.8 25.5 38.3





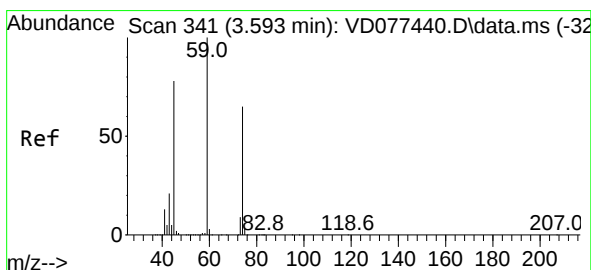
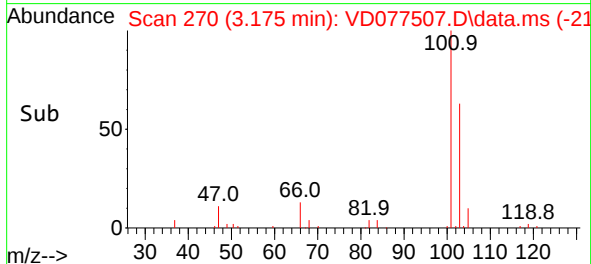
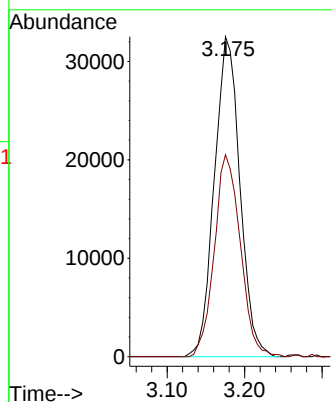
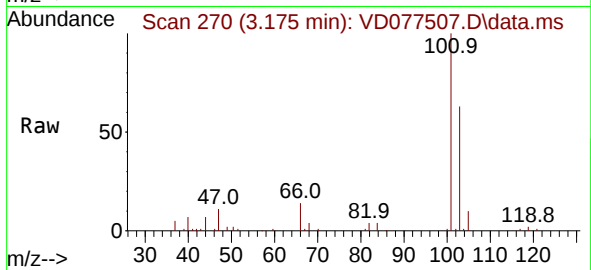
#7
 Trichlorofluoromethane
 Concen: 19.039 ug/l
 RT: 3.175 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VD077507.D
 Acq: 06 Nov 2023 12:01

Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 7451
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.3 78.5

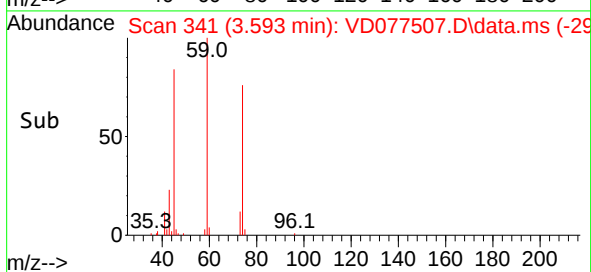
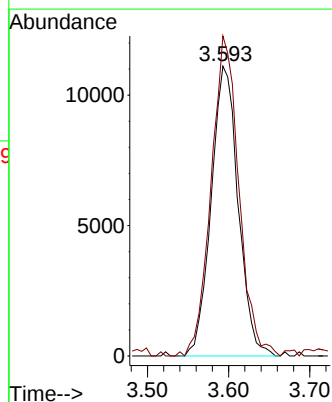
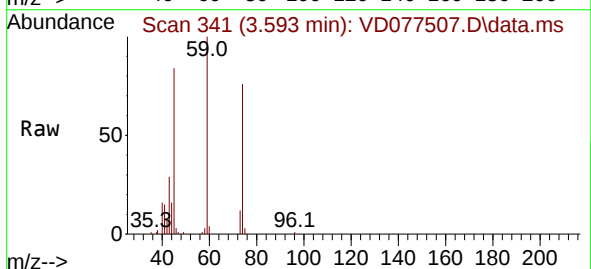
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#8
 Diethyl Ether
 Concen: 18.258 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD077507.D
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Tgt Ion: 74 Resp: 25687
 Ion Ratio Lower Upper
 74 100
 45 113.5 37.5 112.7#





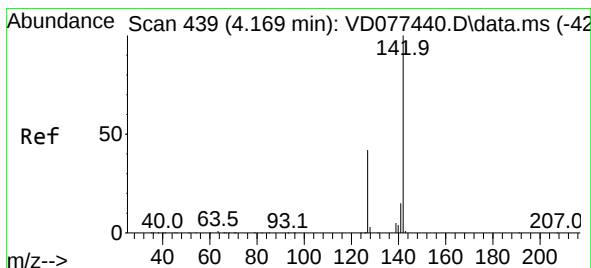
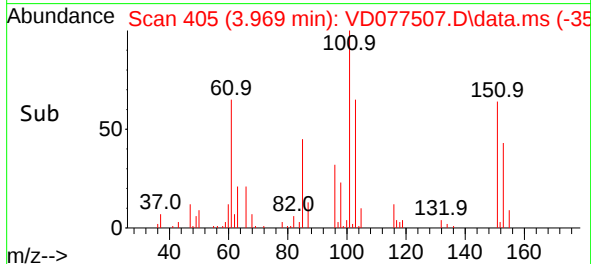
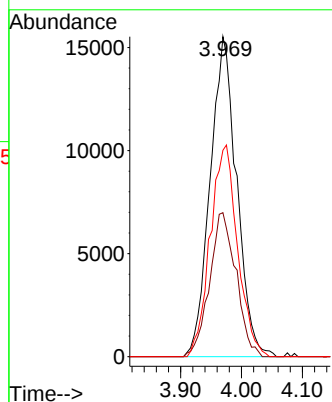
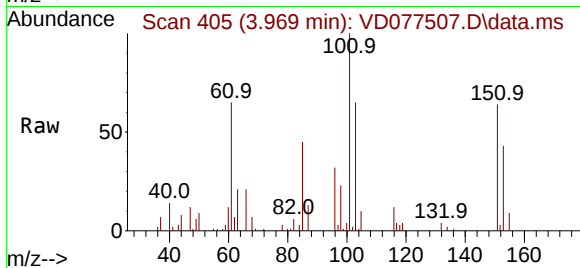
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.905 ug/l
RT: 3.969 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:101 Resp: 4703
Ion Ratio Lower Upper
101 100
85 44.8 33.8 50.6
151 68.1 59.8 89.6

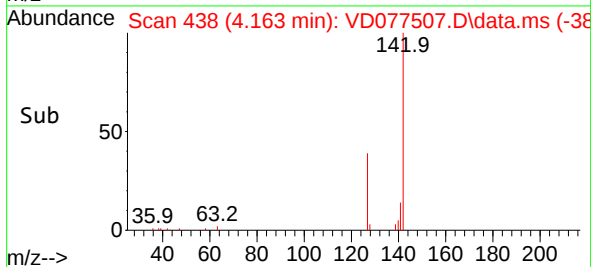
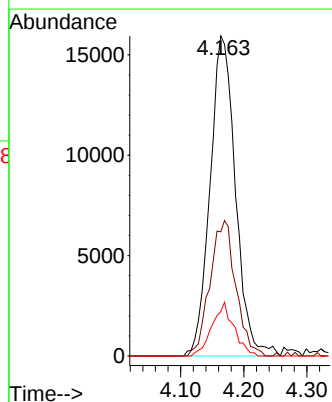
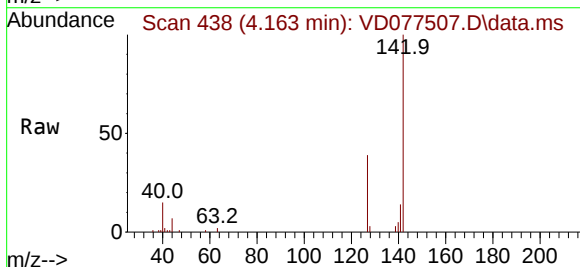
Manual Integrations
APPROVED

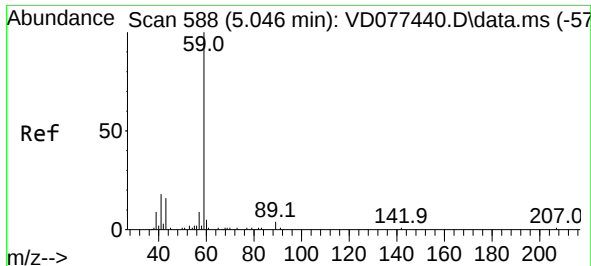
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#10
Methyl Iodide
Concen: 17.167 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

Tgt Ion:142 Resp: 44644
Ion Ratio Lower Upper
142 100
127 42.9 29.4 44.0
141 14.4 11.1 16.7





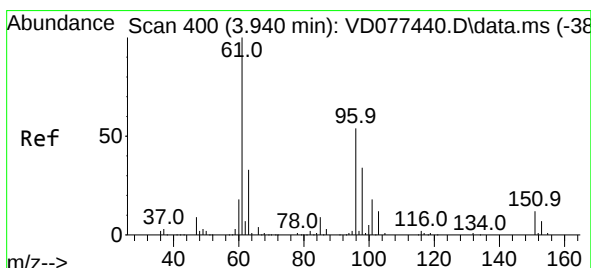
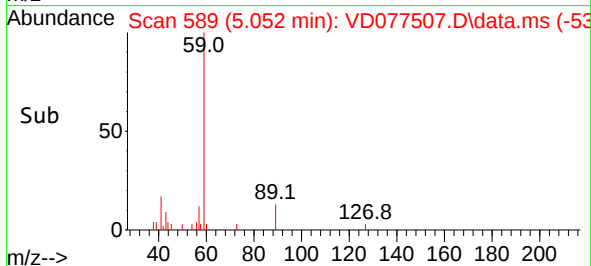
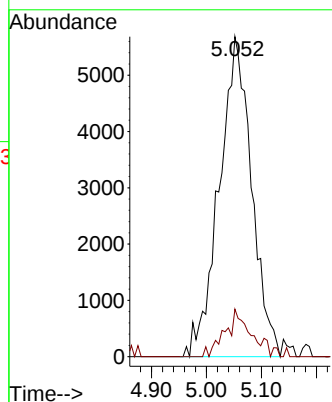
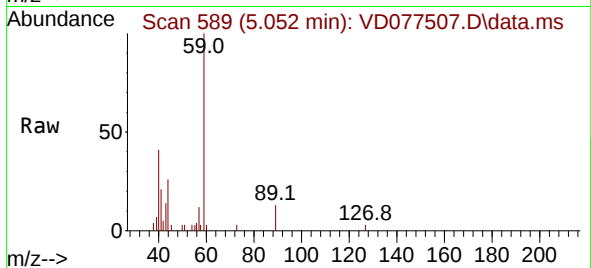
#11
Tert butyl alcohol
Concen: 92.566 ug/l
RT: 5.052 min Scan# 589
Delta R.T. 0.006 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBSD01

Tgt Ion: 59 Resp: 2321
Ion Ratio Lower Upper
59 100
57 10.7 7.8 11.8

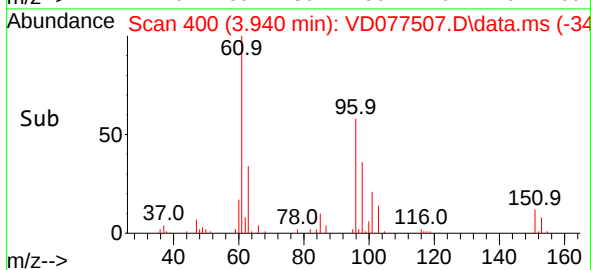
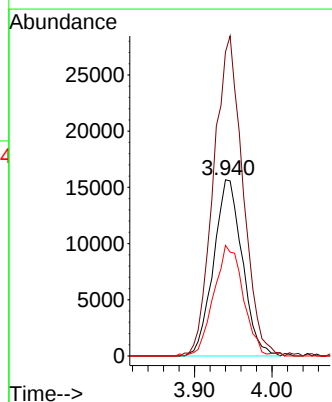
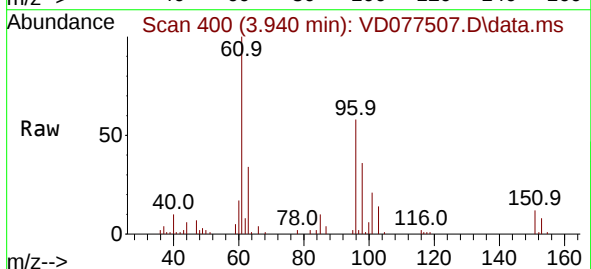
Manual Integrations
APPROVED

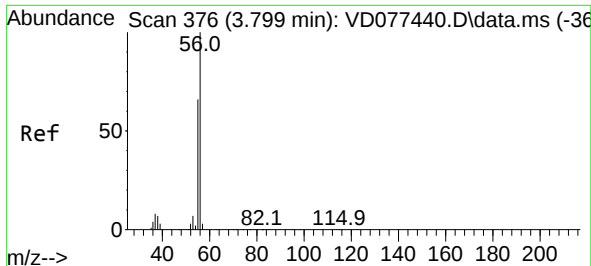
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#12
1,1-Dichloroethene
Concen: 18.095 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

Tgt Ion: 96 Resp: 40477
Ion Ratio Lower Upper
96 100
61 172.5 100.6 150.8#
98 61.6 50.2 75.2





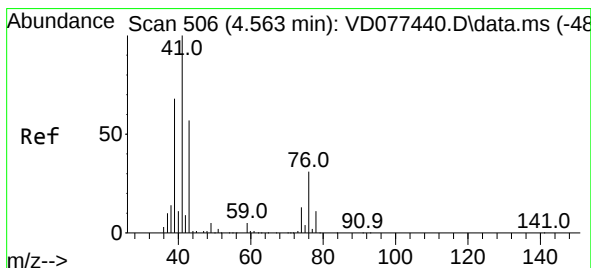
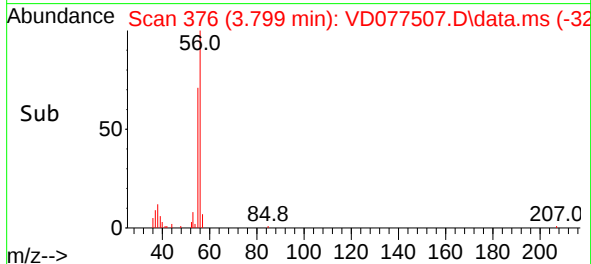
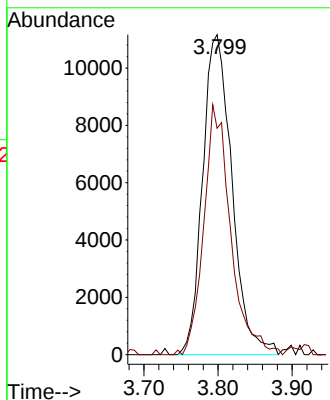
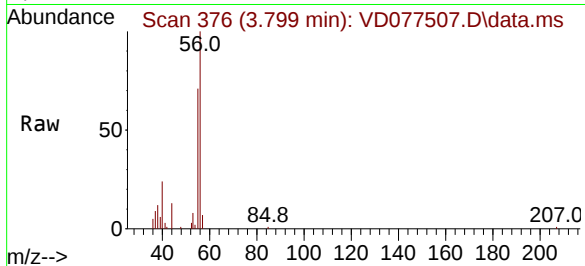
#13
Acrolein
Concen: 92.635 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBSD01

Tgt Ion: 56 Resp: 30634
Ion Ratio Lower Upper
56 100
55 71.7 55.1 82.7

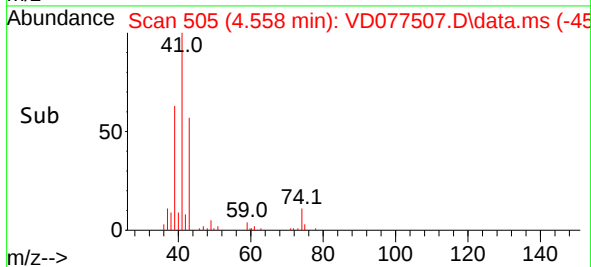
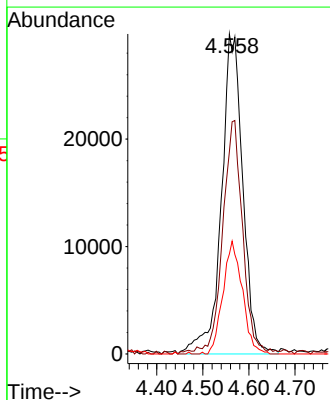
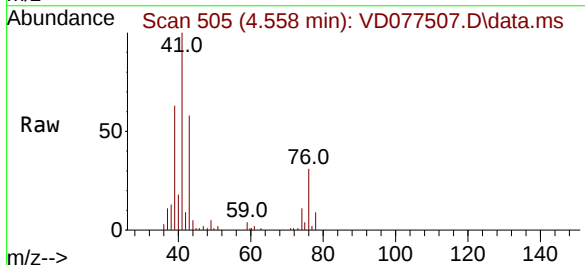
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#14
Allyl chloride
Concen: 17.853 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

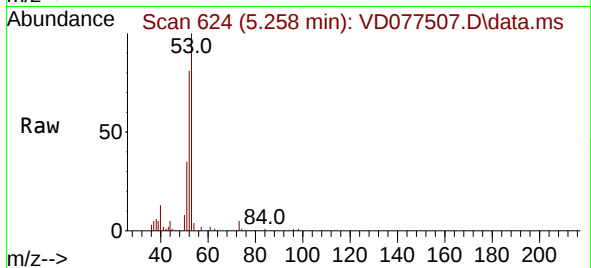
Tgt Ion: 41 Resp: 96337
Ion Ratio Lower Upper
41 100
39 67.7 53.8 80.6
76 31.7 45.8 68.8#





#15
Acrylonitrile
Concen: 98.683 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

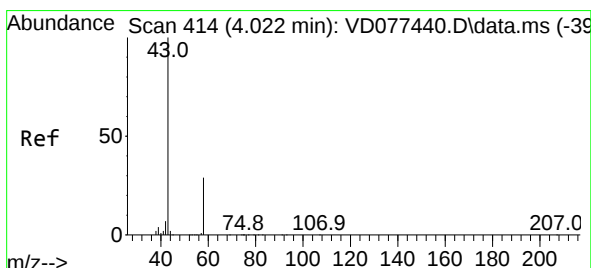
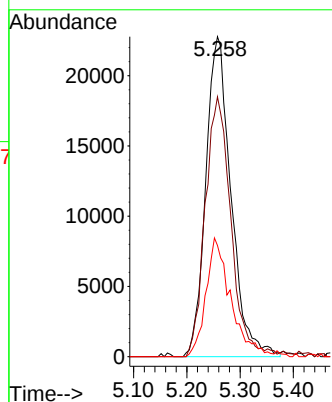
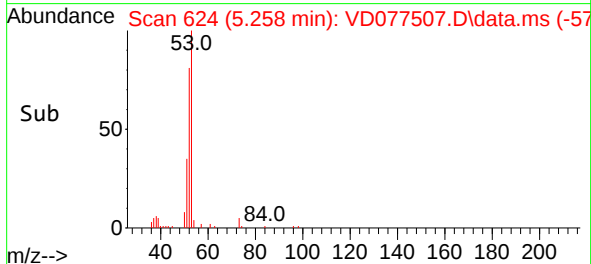
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01



Tgt Ion: 53 Resp: 7505
Ion Ratio Lower Upper
53 100
52 82.5 65.0 97.4
51 36.4 28.3 42.5

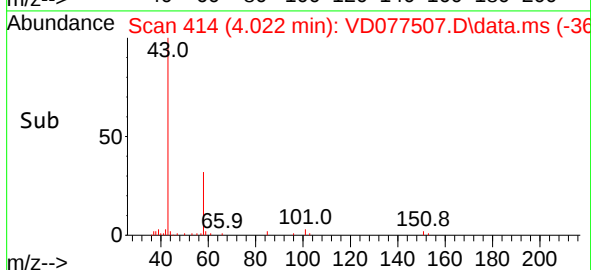
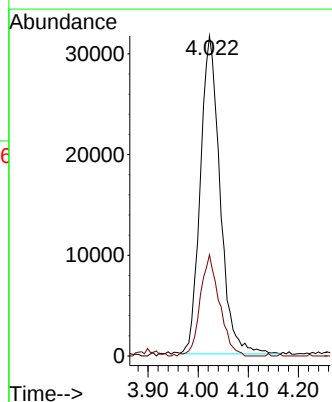
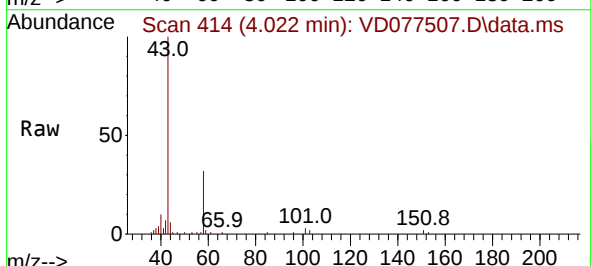
Manual Integrations
APPROVED

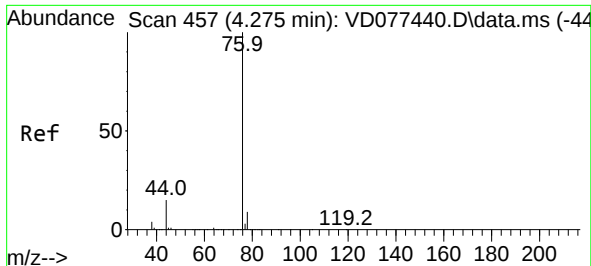
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#16
Acetone
Concen: 103.228 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

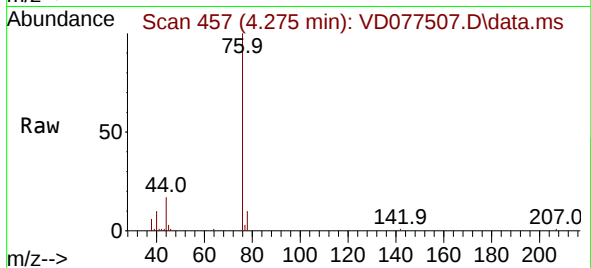
Tgt Ion: 43 Resp: 86475
Ion Ratio Lower Upper
43 100
58 31.3 34.7 52.1#





#17
Carbon Disulfide
Concen: 14.448 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

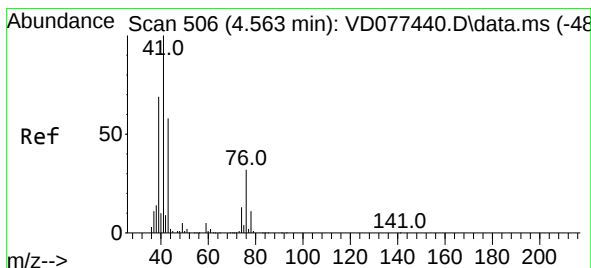
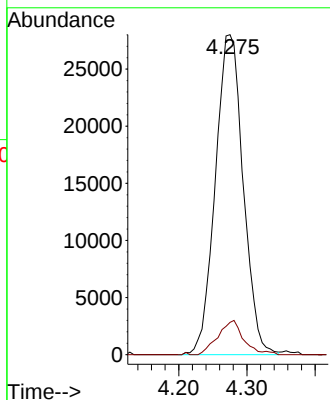
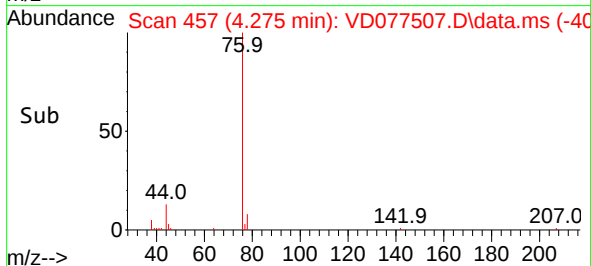
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBSD01



Tgt Ion: 76 Resp: 79760
Ion Ratio Lower Upper
76 100
78 10.1 6.8 10.2

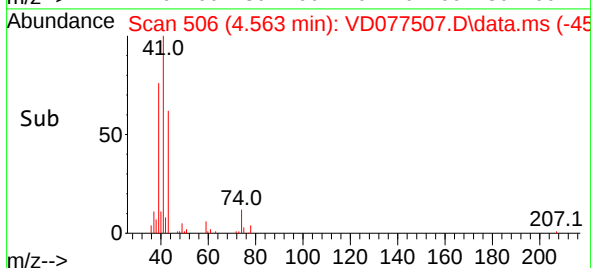
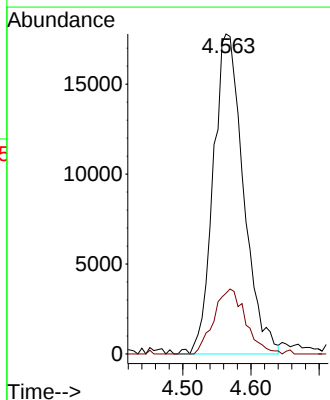
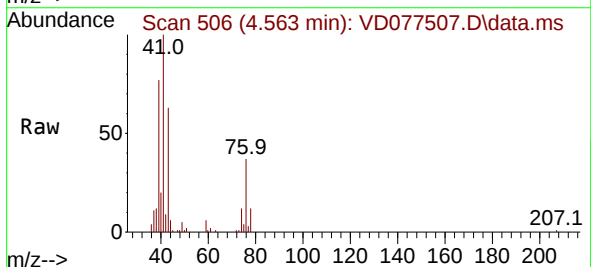
Manual Integrations
APPROVED

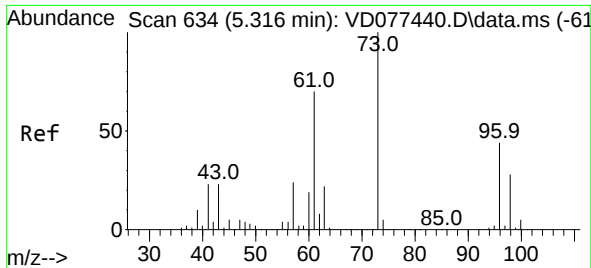
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#18
Methyl Acetate
Concen: 17.952 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

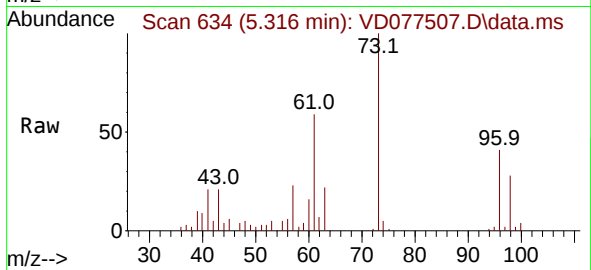
Tgt Ion: 43 Resp: 54854
Ion Ratio Lower Upper
43 100
74 21.3 26.4 39.6#





#19
Methyl tert-butyl Ether
Concen: 18.821 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

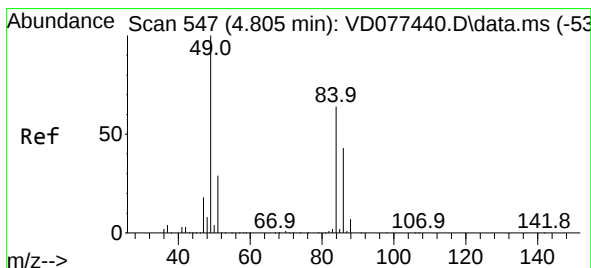
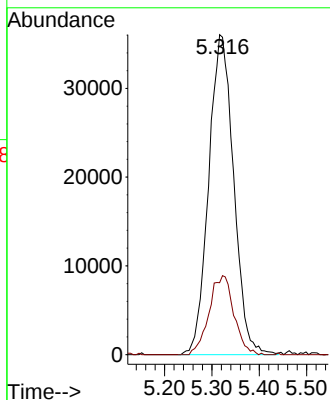
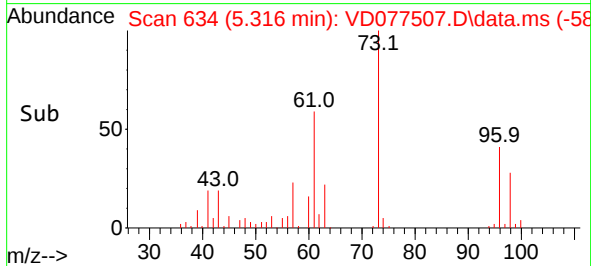
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01



Tgt Ion: 73 Resp: 132150
Ion Ratio Lower Upper
73 100
57 22.5 16.6 25.0

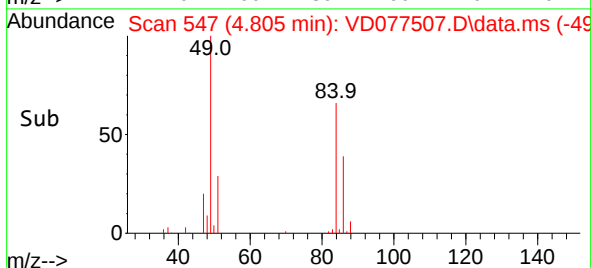
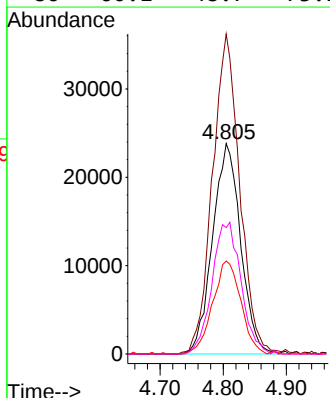
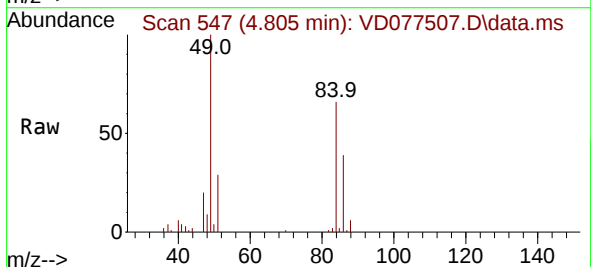
Manual Integrations
APPROVED

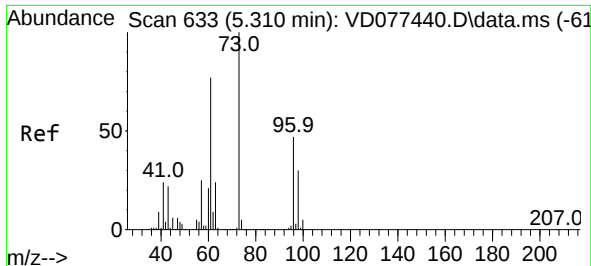
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#20
Methylene Chloride
Concen: 21.974 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

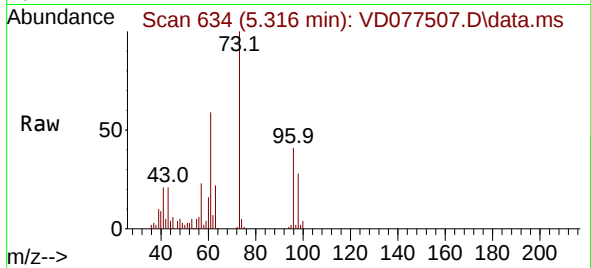
Tgt Ion: 84 Resp: 73469
Ion Ratio Lower Upper
84 100
49 152.0 71.4 107.2#
51 44.2 24.5 36.7#
86 60.1 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 17.731 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

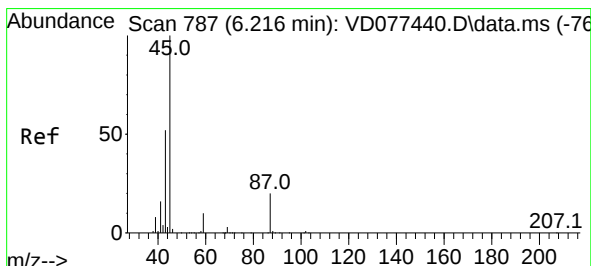
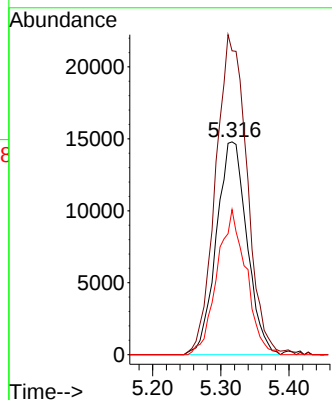
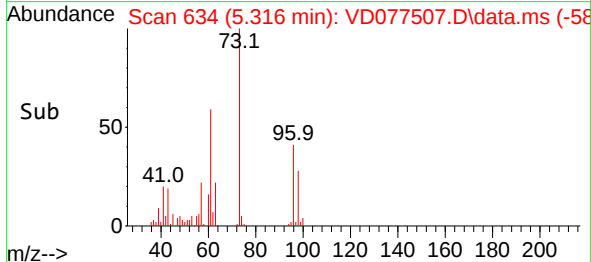
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01



Tgt Ion: 96 Resp: 46192
Ion Ratio Lower Upper
96 100
61 142.8 89.3 133.9
98 68.2 48.6 73.0

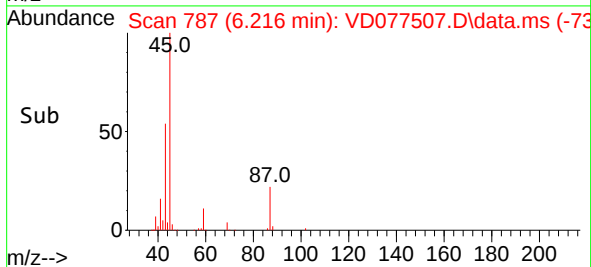
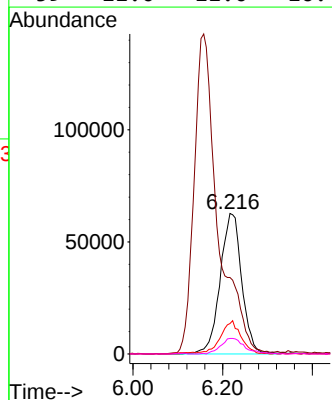
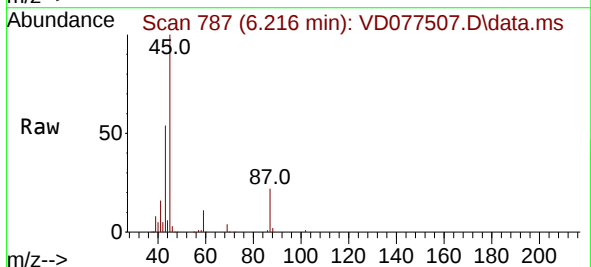
Manual Integrations
APPROVED

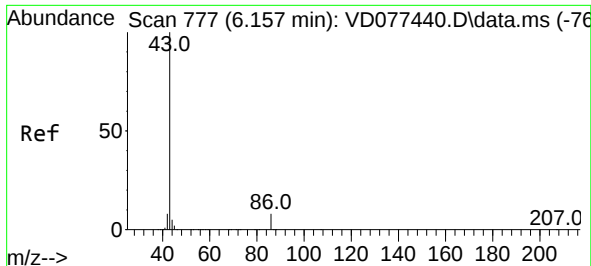
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#22
Diisopropyl ether
Concen: 18.299 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

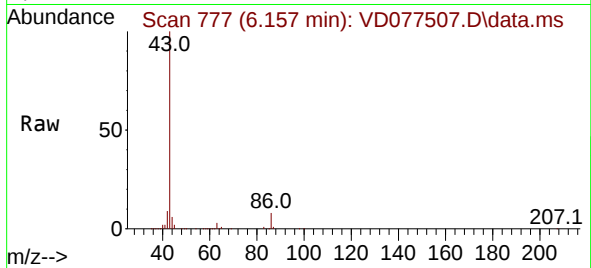
Tgt Ion: 45 Resp: 209864
Ion Ratio Lower Upper
45 100
43 53.3 40.0 60.0
87 21.7 28.2 42.4
59 11.0 11.0 16.4





#23
 Vinyl Acetate
 Concen: 92.243 ug/l m
 RT: 6.157 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD077507.D
 Acq: 06 Nov 2023 12:01

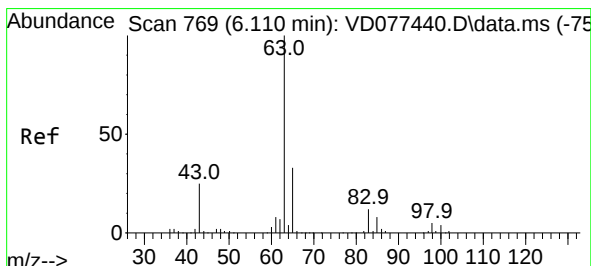
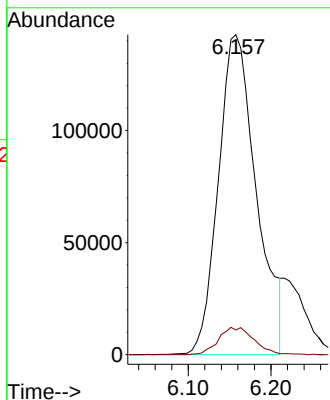
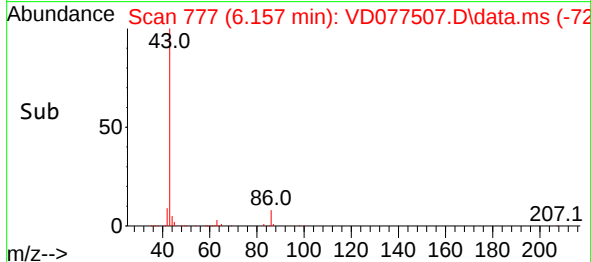
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBS01



Tgt Ion: 43 Resp: 456409
 Ion Ratio Lower Upper
 43 100
 86 7.7 12.5 18.7

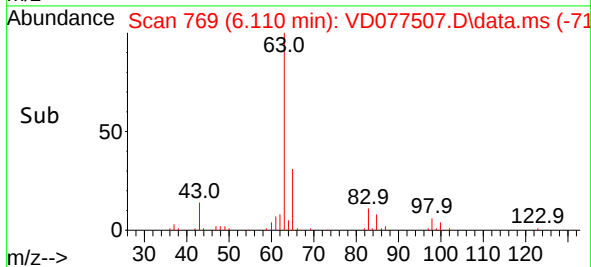
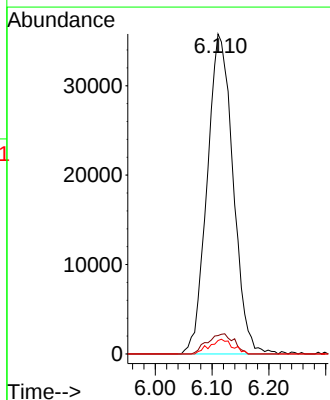
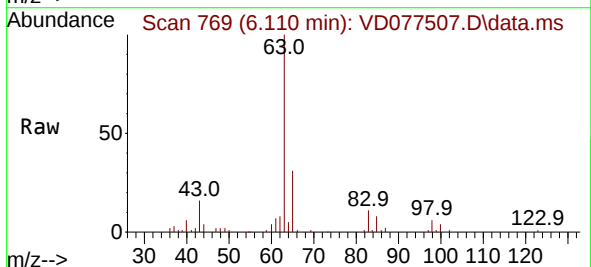
Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/07/2023
 Supervised By :Mahesh Dadoda 11/07/2023



#24
 1,1-Dichloroethane
 Concen: 19.055 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077507.D
 Acq: 06 Nov 2023 12:01

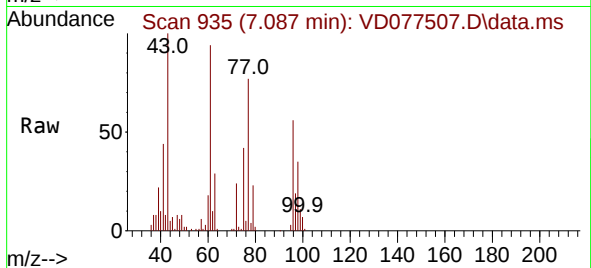
Tgt Ion: 63 Resp: 113398
 Ion Ratio Lower Upper
 63 100
 98 5.8 4.5 13.7
 100 4.2 2.5 7.5





#25
2-Butanone
Concen: 94.508 ug/l
RT: 7.087 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

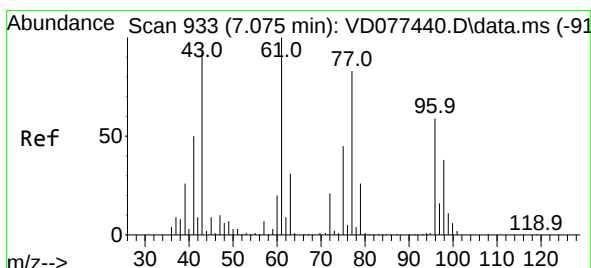
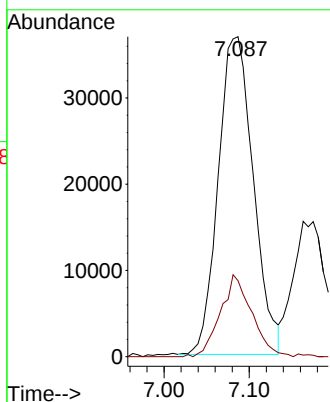
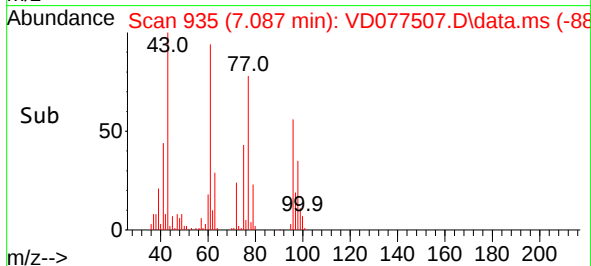
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBSD01



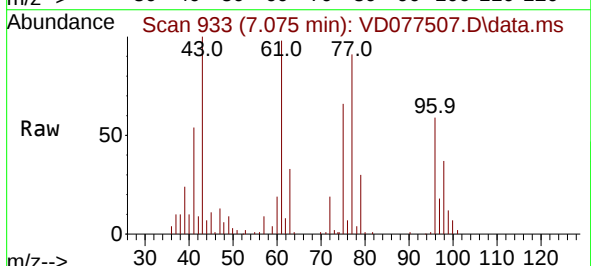
Tgt Ion: 43 Resp: 10560
Ion Ratio Lower Upper
43 100
72 23.9 30.7 46.1

Manual Integrations
APPROVED

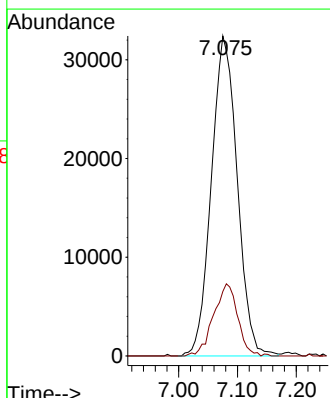
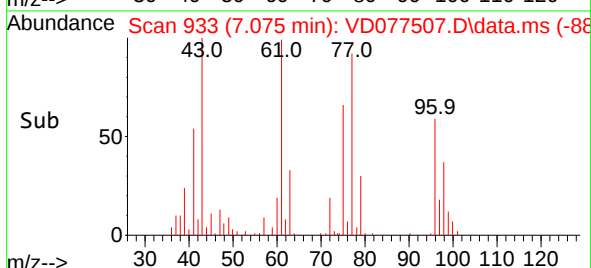
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#26
2,2-Dichloropropane
Concen: 18.794 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01



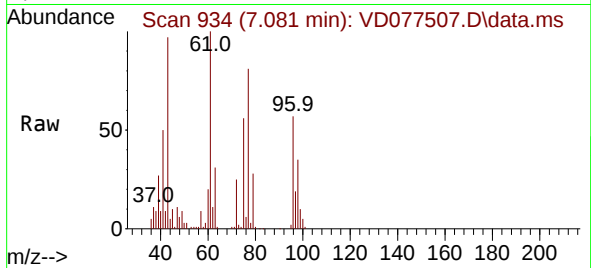
Tgt Ion: 77 Resp: 99115
Ion Ratio Lower Upper
77 100
97 21.1 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.650 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077507.D
 Acq: 06 Nov 2023 12:01

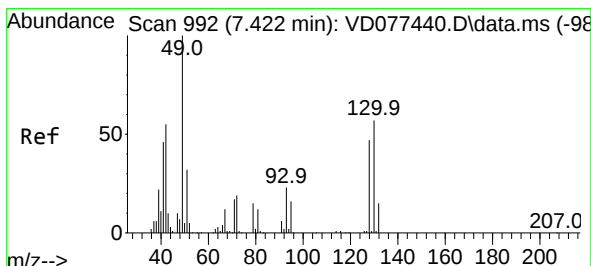
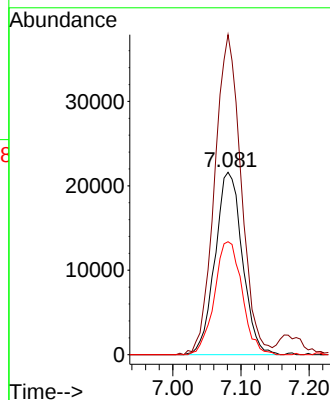
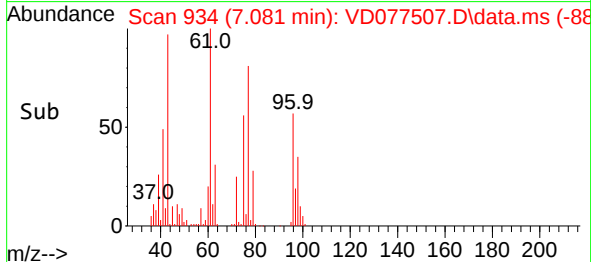
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBSD01



Tgt Ion: 96 Resp: 60194
 Ion Ratio Lower Upper
 96 100
 61 171.1 0.0 239.2
 98 62.8 0.0 128.6

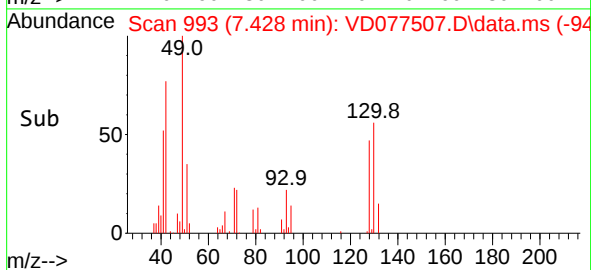
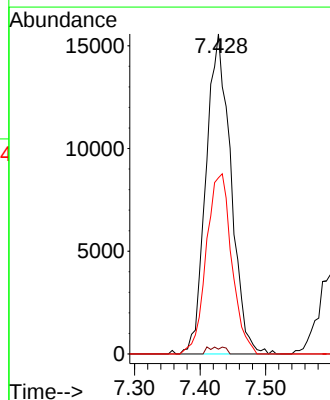
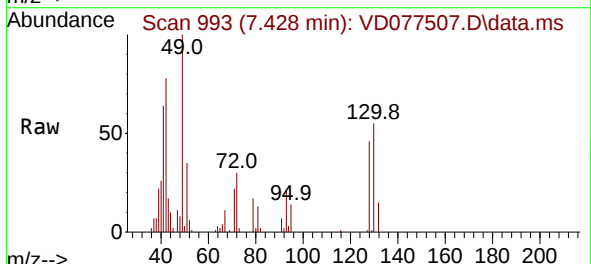
Manual Integrations
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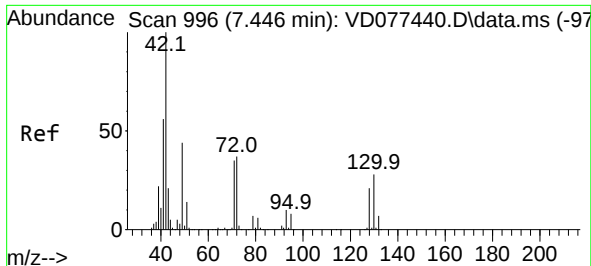
Reviewed By :John Carlone 11/07/2023
 Supervised By :Mahesh Dadoda 11/07/2023



#28
 Bromochloromethane
 Concen: 16.680 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077507.D
 Acq: 06 Nov 2023 12:01

Tgt Ion: 49 Resp: 41050
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 6.0
 130 57.5 83.2 124.8#





#29

Tetrahydrofuran

Concen: 92.957 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD077507.D

Acq: 06 Nov 2023 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

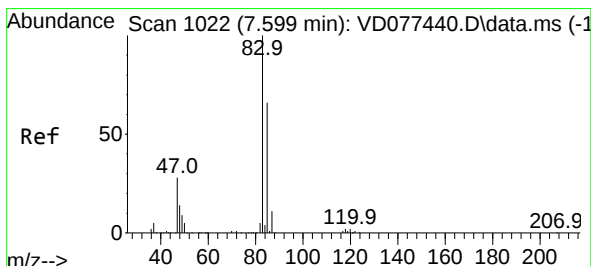
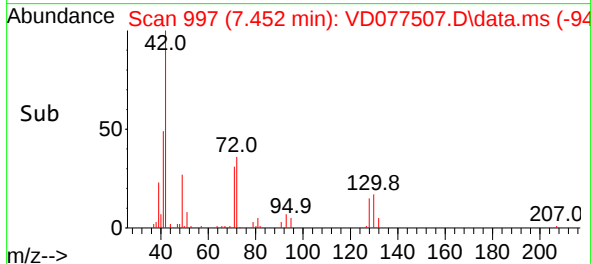
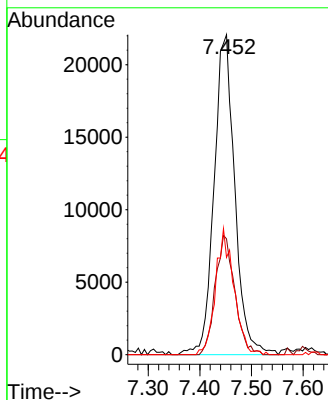
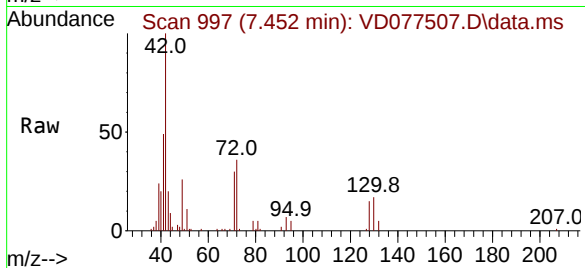
Tgt Ion:	42	Resp:	6160
Ion Ratio	Lower	Upper	
42	100		
72	35.1	46.5	69.7
71	34.9	44.5	66.7

Manual Integrations

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Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#30

Chloroform

Concen: 19.284 ug/l

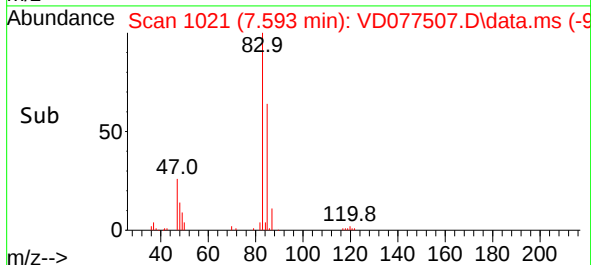
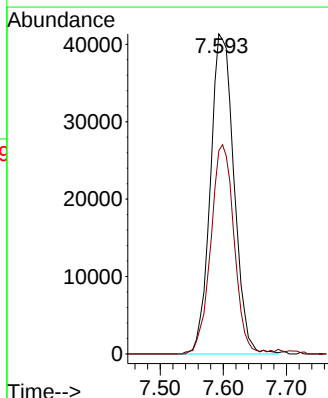
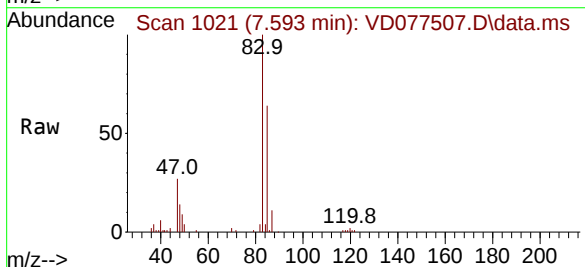
RT: 7.593 min Scan# 1021

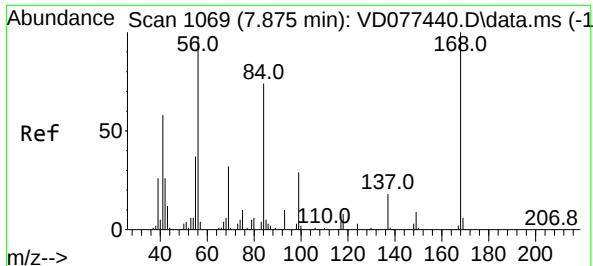
Delta R.T. -0.006 min

Lab File: VD077507.D

Acq: 06 Nov 2023 12:01

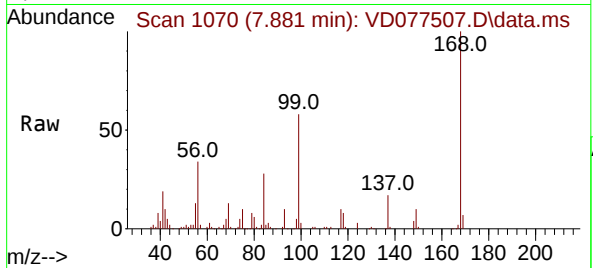
Tgt Ion:	83	Resp:	107149
Ion Ratio	Lower	Upper	
83	100		
85	63.6	53.4	80.2





#31
Cyclohexane
Concen: 17.162 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

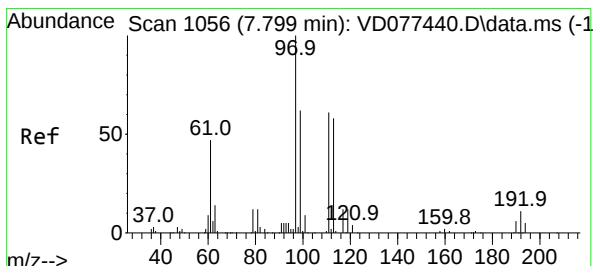
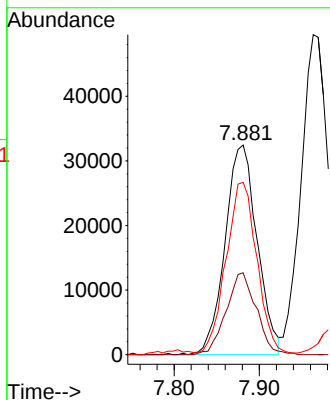
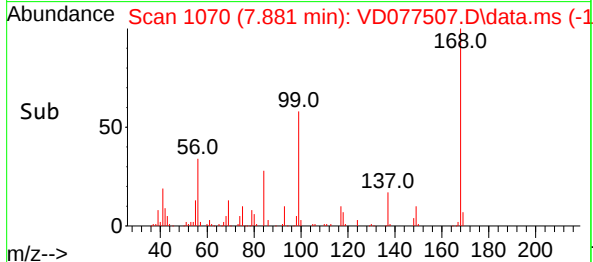
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01



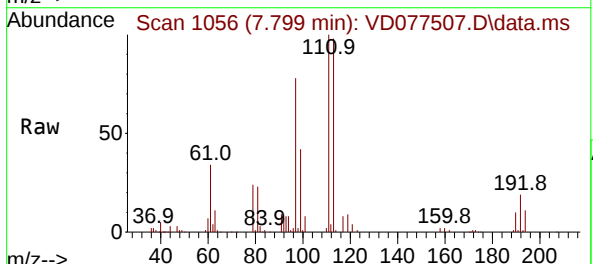
Tgt Ion: 56 Resp: 8493
Ion Ratio Lower Upper
56 100
69 38.2 28.6 43.0
84 79.8 84.8 127.2

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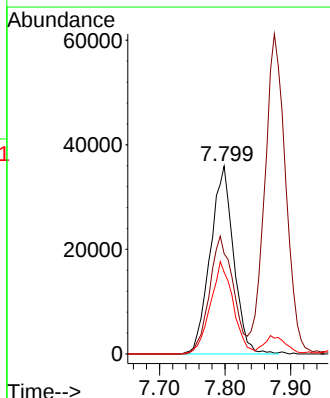
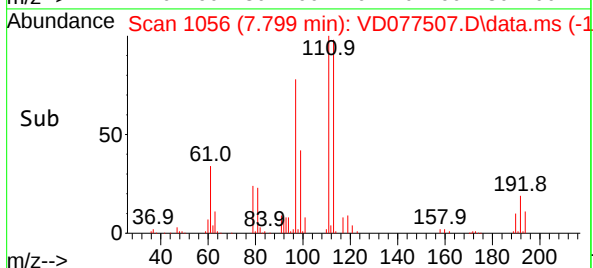
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

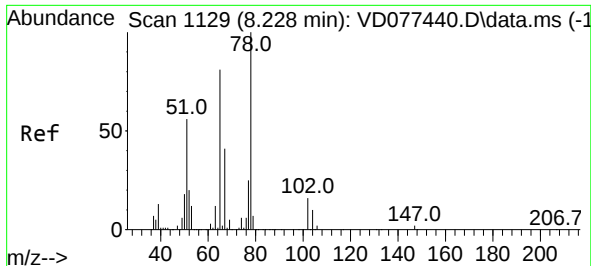


#32
1,1,1-Trichloroethane
Concen: 19.371 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01



Tgt Ion: 97 Resp: 88682
Ion Ratio Lower Upper
97 100
99 63.9 52.0 78.0
61 48.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 45.959 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077507.D

Acq: 06 Nov 2023 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

Tgt Ion: 65 Resp: 145490

Ion Ratio Lower Upper

65 100

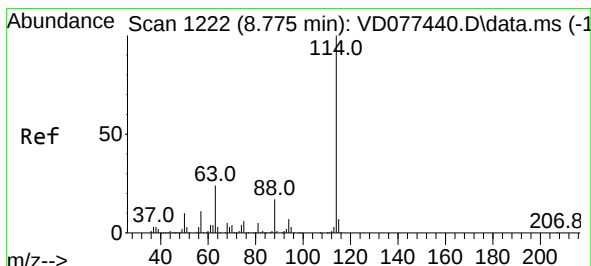
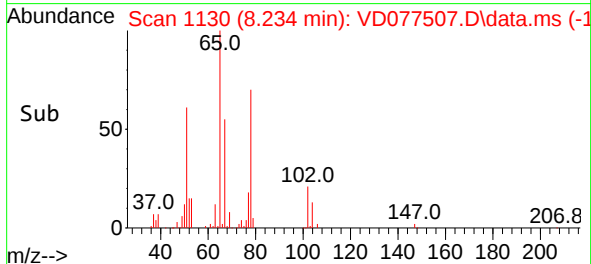
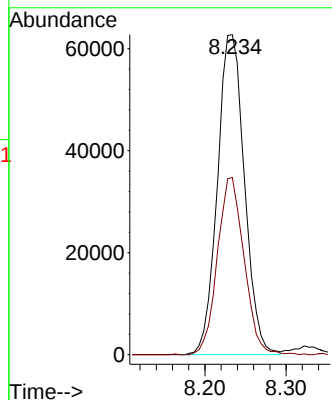
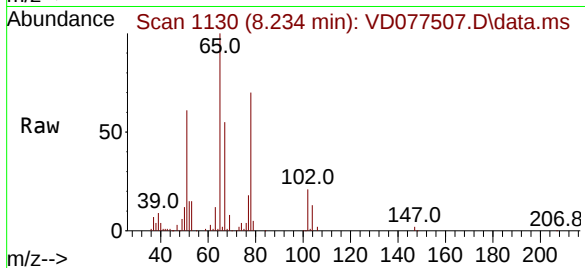
67 54.7 0.0 115.0

Manual Integrations

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Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077507.D

Acq: 06 Nov 2023 12:01

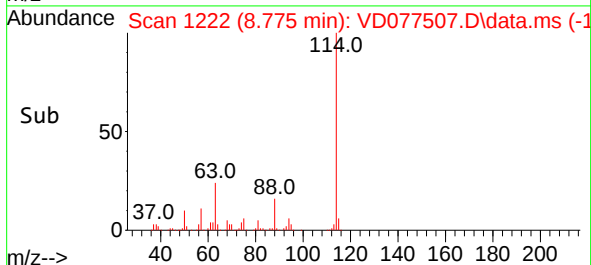
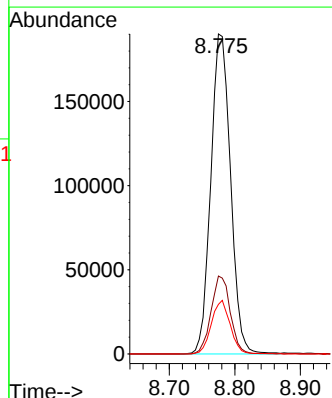
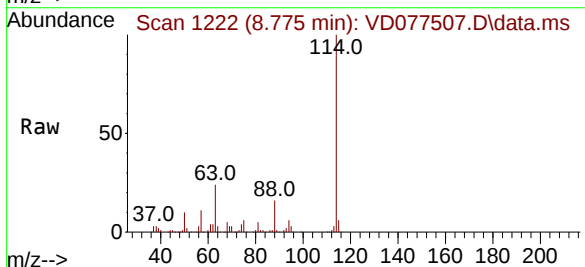
Tgt Ion:114 Resp: 397362

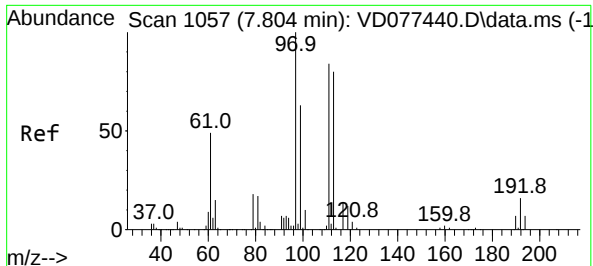
Ion Ratio Lower Upper

114 100

63 24.4 0.0 33.4

88 15.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 46.754 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077507.D

Acq: 06 Nov 2023 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

Tgt Ion: 113 Resp: 12840

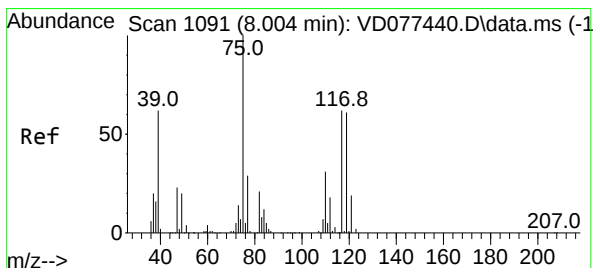
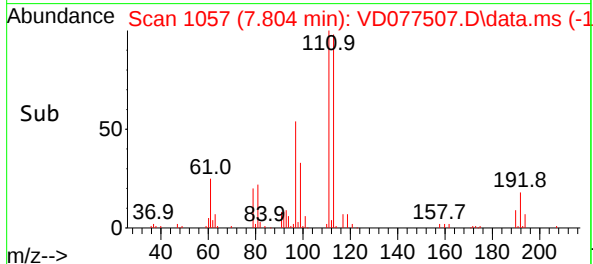
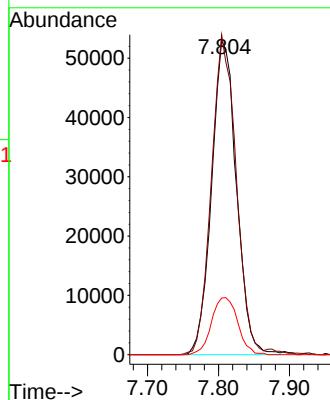
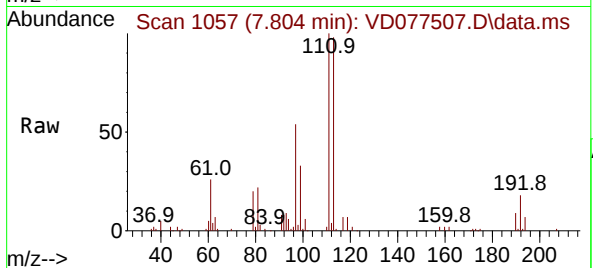
Ion	Ratio	Lower	Upper
113	100		
111	102.7	84.7	127.1
192	19.2	16.8	25.2

Manual Integrations

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Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#36

1,1-Dichloropropene

Concen: 17.867 ug/l

RT: 8.010 min Scan# 1092

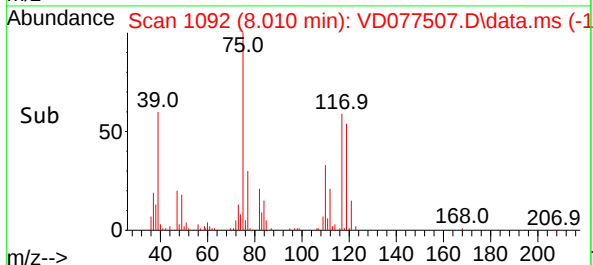
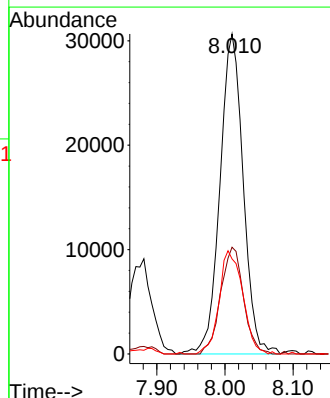
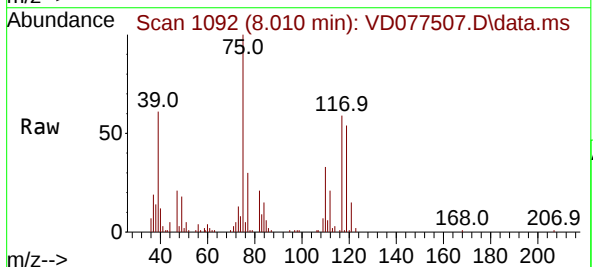
Delta R.T. 0.006 min

Lab File: VD077507.D

Acq: 06 Nov 2023 12:01

Tgt Ion: 75 Resp: 72753

Ion	Ratio	Lower	Upper
75	100		
110	32.8	19.9	59.6
77	32.7	24.7	37.1





#37

Ethyl Acetate

Concen: 18.315 ug/l

RT: 7.163 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD077507.D

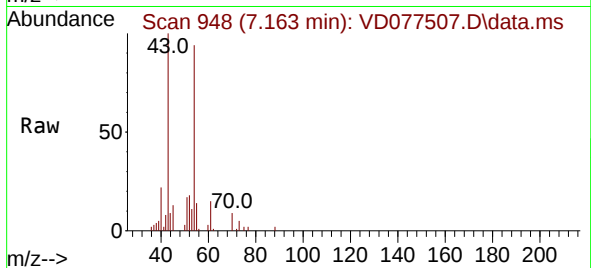
Acq: 06 Nov 2023 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01



Tgt Ion: 43 Resp: 42800

Ion Ratio Lower Upper

43 100

61 13.8 14.9 22.3

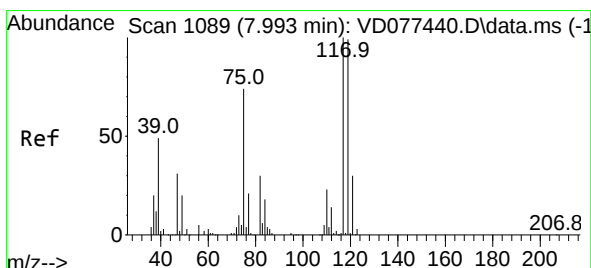
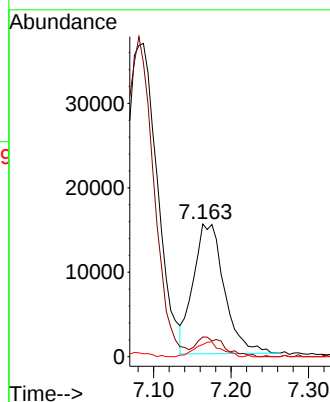
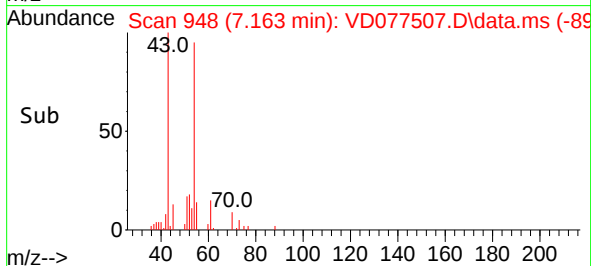
70 9.5 10.0 15.0

Manual Integrations

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Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#38

Carbon Tetrachloride

Concen: 19.501 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD077507.D

Acq: 06 Nov 2023 12:01

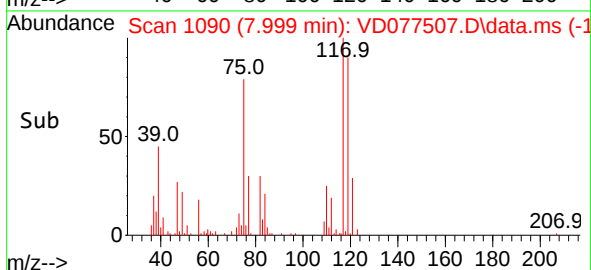
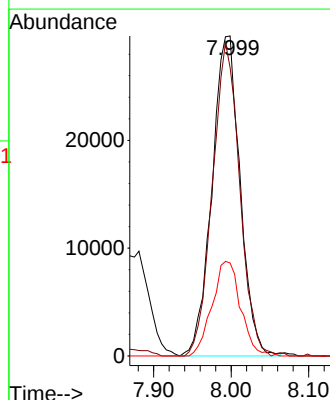
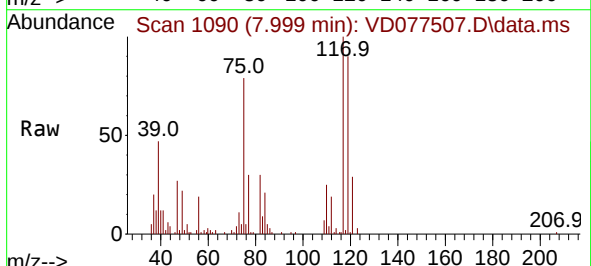
Tgt Ion:117 Resp: 74830

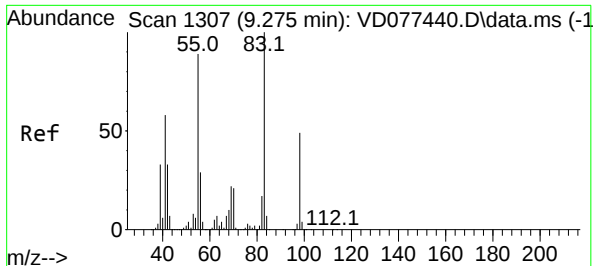
Ion Ratio Lower Upper

117 100

119 90.1 78.0 117.0

121 29.1 24.2 36.2





#39

Methylcyclohexane

Concen: 17.120 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077507.D

Acq: 06 Nov 2023 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

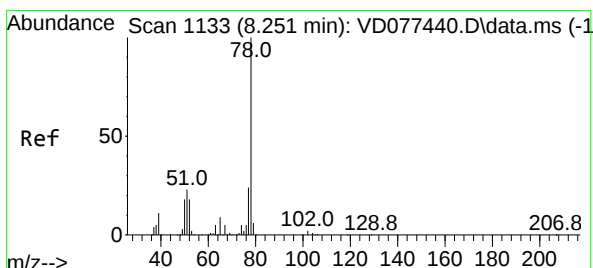
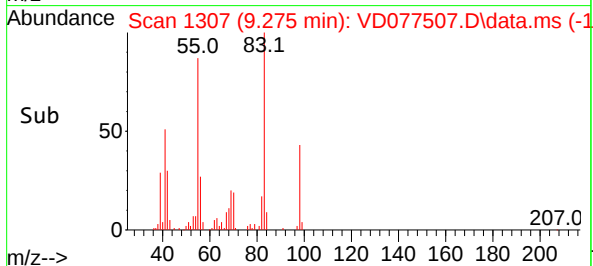
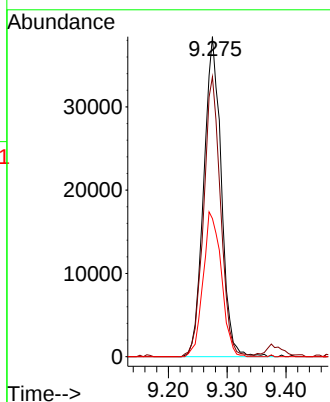
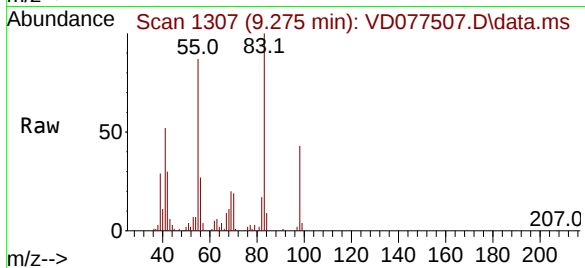
Tgt Ion:	83	Resp:	79540
Ion Ratio	Lower	Upper	
83	100		
55	87.4	49.4	74.0
98	43.1	38.4	57.6

Manual Integrations

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Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#40

Benzene

Concen: 19.069 ug/l

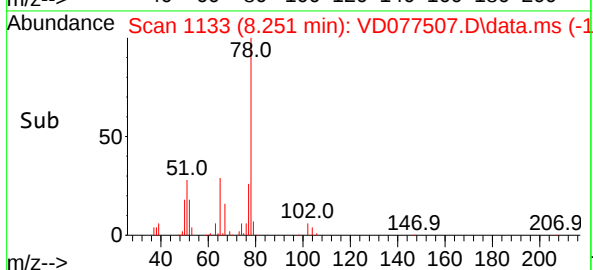
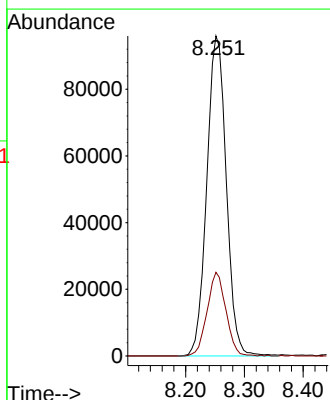
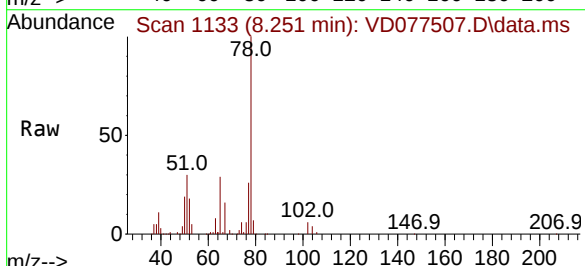
RT: 8.251 min Scan# 1133

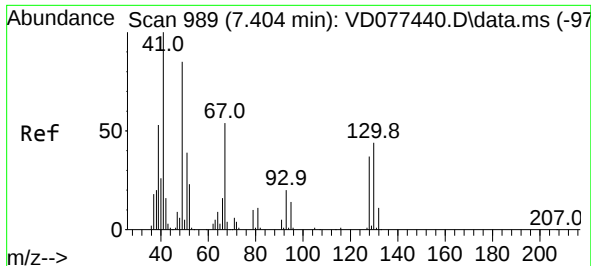
Delta R.T. 0.000 min

Lab File: VD077507.D

Acq: 06 Nov 2023 12:01

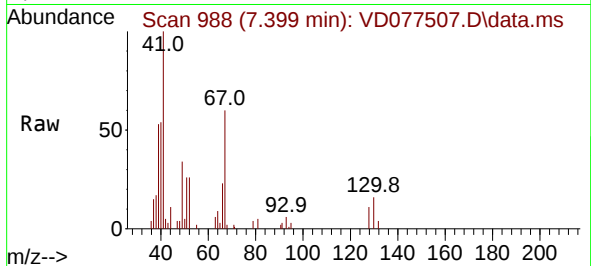
Tgt Ion:	78	Resp:	221422
Ion Ratio	Lower	Upper	
78	100		
77	26.2	19.4	29.0





#41
Methacrylonitrile
Concen: 19.230 ug/l
RT: 7.399 min Scan# 988
Delta R.T. -0.006 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

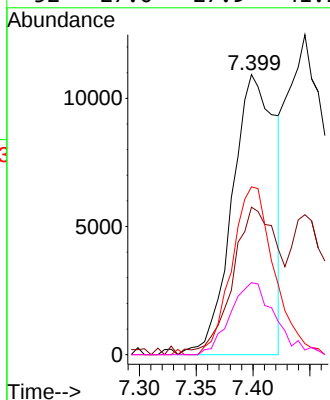
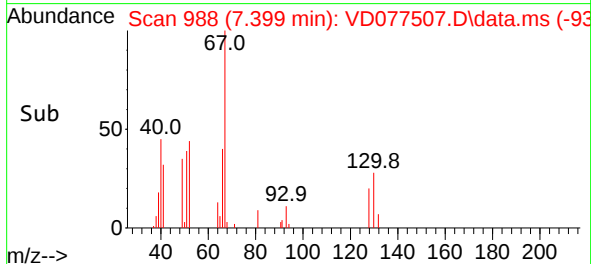
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBSD01



Tgt Ion: 41 Resp: 28754
Ion Ratio Lower Upper
41 100
39 55.7 34.0 51.0
67 59.1 77.0 115.4
52 27.0 27.9 41.9

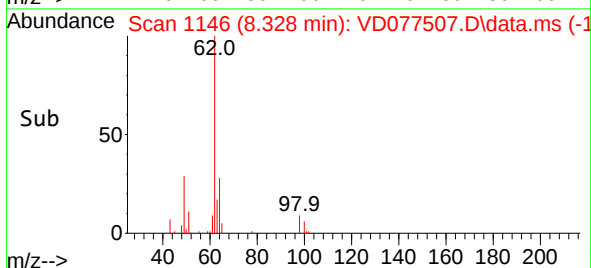
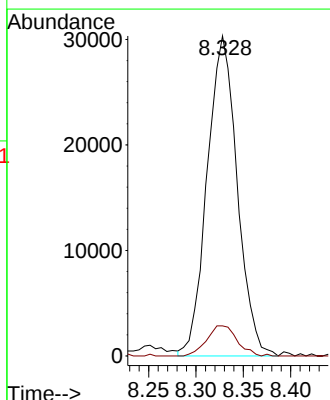
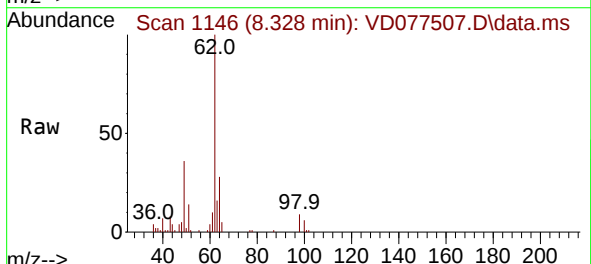
Manual Integrations
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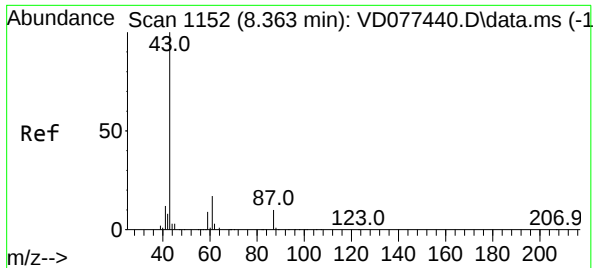
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#42
1,2-Dichloroethane
Concen: 18.256 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

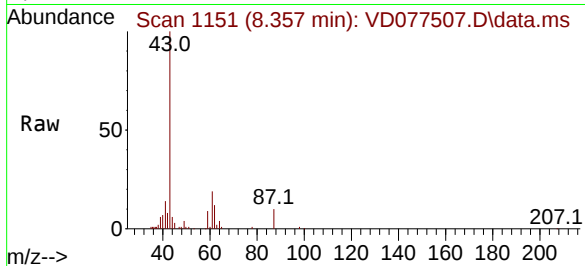
Tgt Ion: 62 Resp: 67140
Ion Ratio Lower Upper
62 100
98 9.5 0.0 25.4





#43
Isopropyl Acetate
Concen: 18.106 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

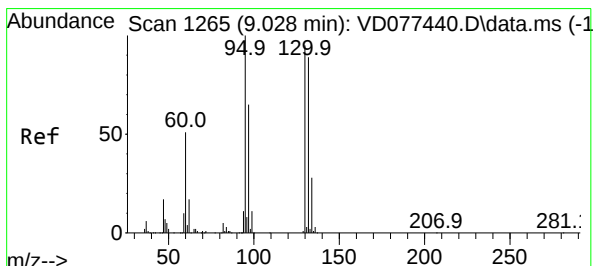
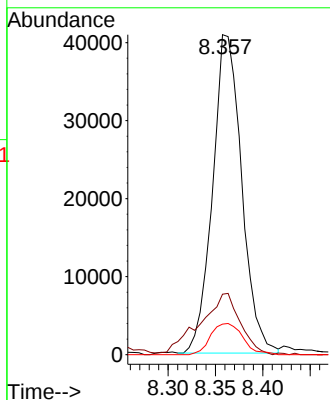
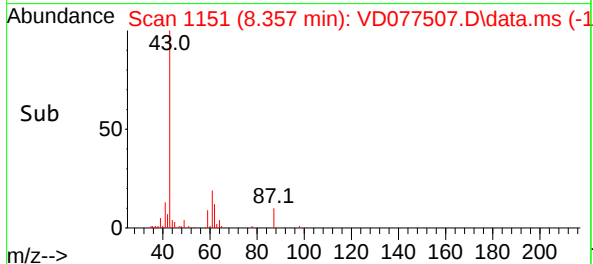
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBSD01



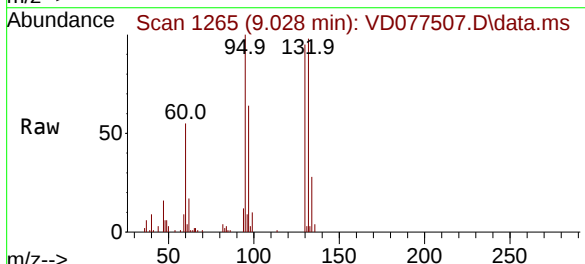
Tgt Ion: 43 Resp: 8731
Ion Ratio Lower Upper
43 100
61 26.6 31.4 47.0
87 10.8 14.9 22.3

Manual Integrations
APPROVED

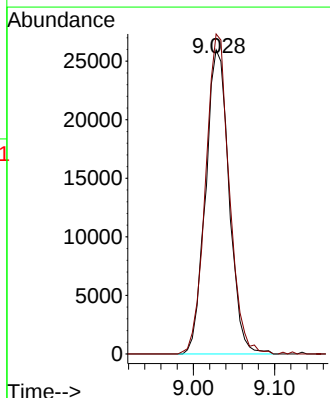
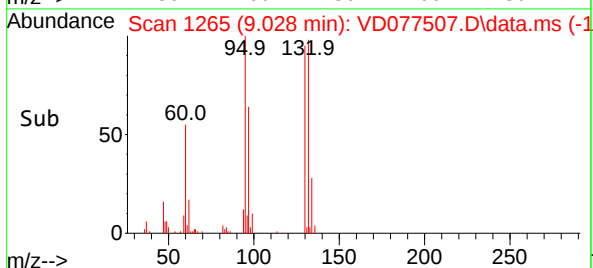
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

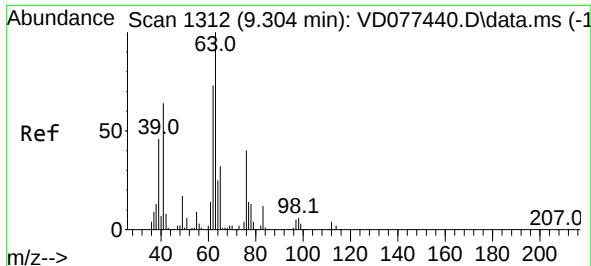


#44
Trichloroethene
Concen: 18.352 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01



Tgt Ion:130 Resp: 52198
Ion Ratio Lower Upper
130 100
95 105.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 19.585 ug/l

RT: 9.310 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VD077507.D

Acq: 06 Nov 2023 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

Tgt Ion: 63 Resp: 66949

Ion Ratio Lower Upper

63 100

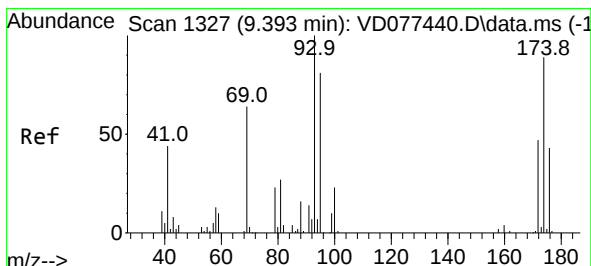
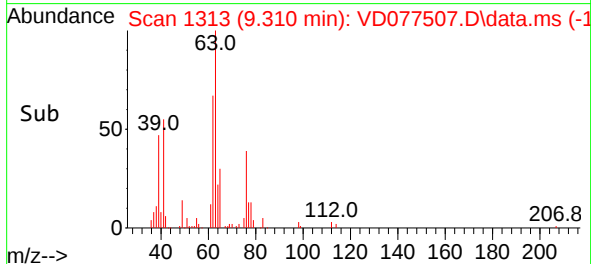
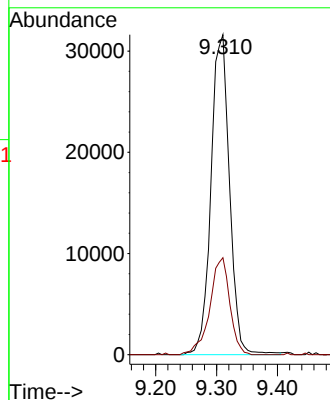
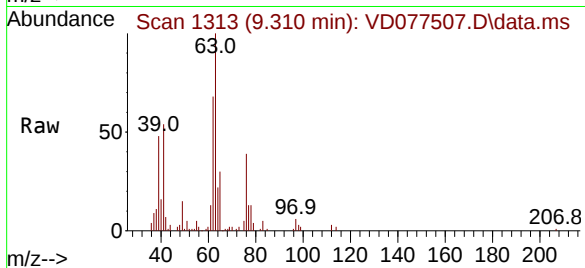
65 30.3 24.5 36.7

Manual Integrations

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Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#46

Dibromomethane

Concen: 17.826 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077507.D

Acq: 06 Nov 2023 12:01

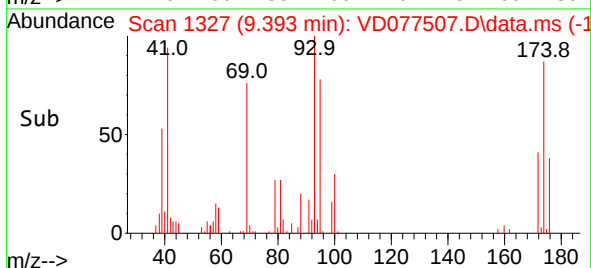
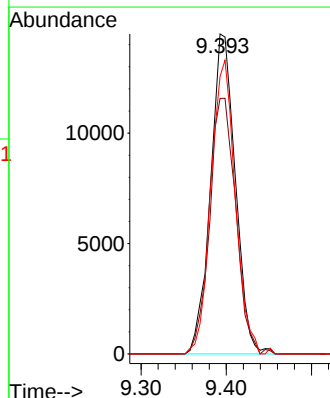
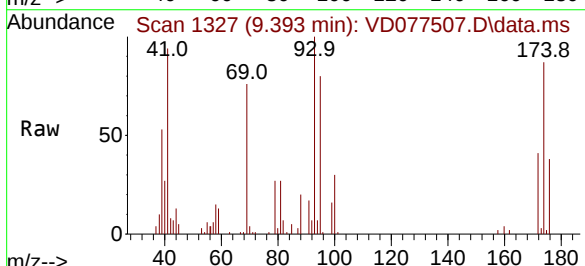
Tgt Ion: 93 Resp: 29326

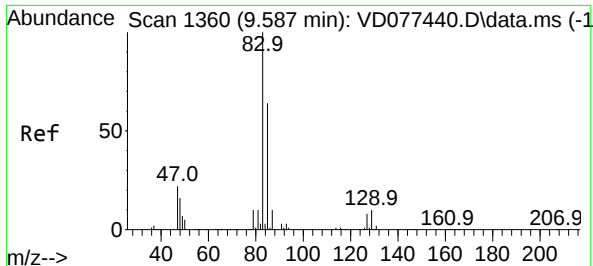
Ion Ratio Lower Upper

93 100

95 84.0 67.7 101.5

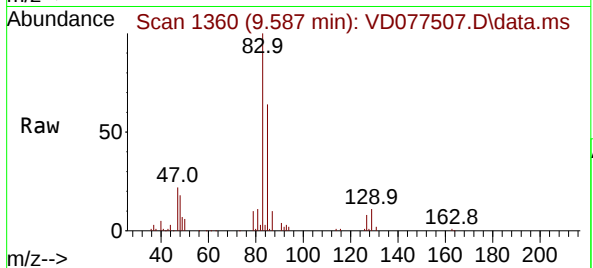
174 90.1 85.4 128.2





#47
Bromodichloromethane
Concen: 18.519 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

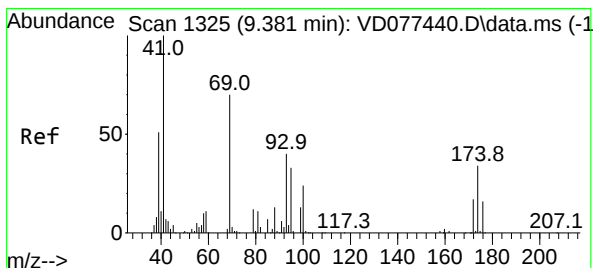
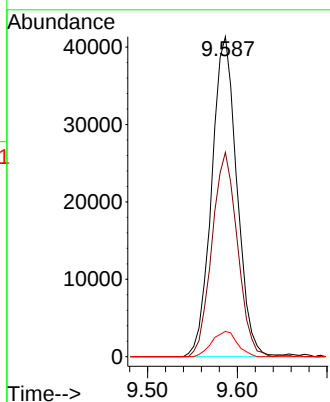
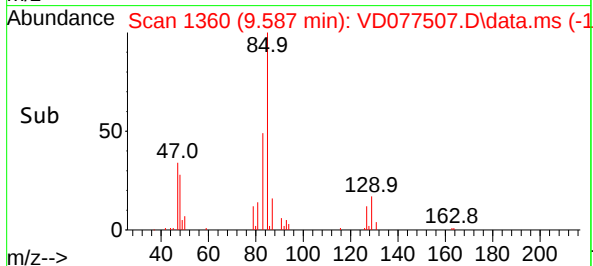
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBSD01



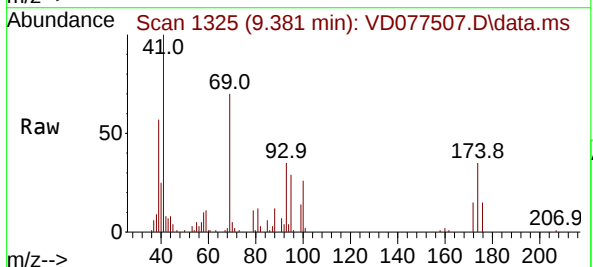
Tgt Ion: 83 Resp: 80520
Ion Ratio Lower Upper
83 100
85 63.9 50.2 75.4
127 7.9 6.3 9.5

Manual Integrations
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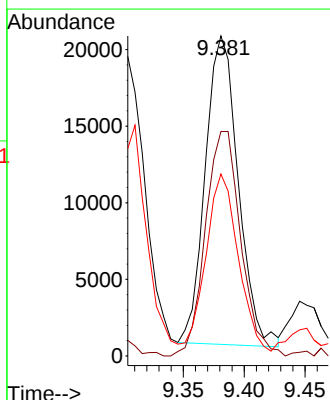
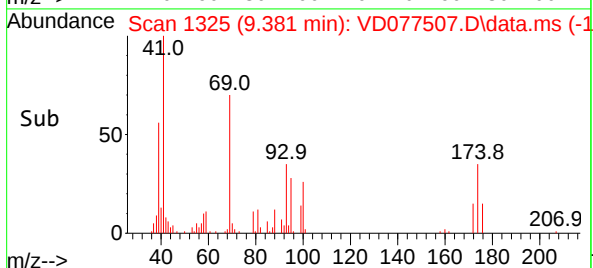
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

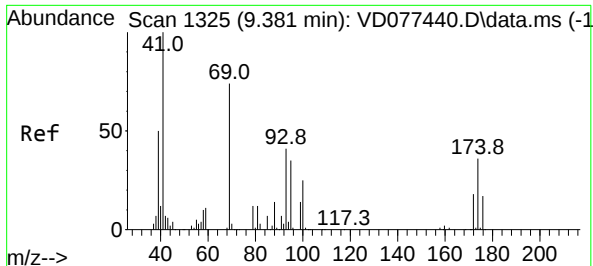


#48
Methyl methacrylate
Concen: 16.465 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01



Tgt Ion: 41 Resp: 37902
Ion Ratio Lower Upper
41 100
69 78.1 102.2 153.2#
39 59.8 41.4 62.2





#49

1,4-Dioxane

Concen: 392.539 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077507.D

Acq: 06 Nov 2023 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBSD01

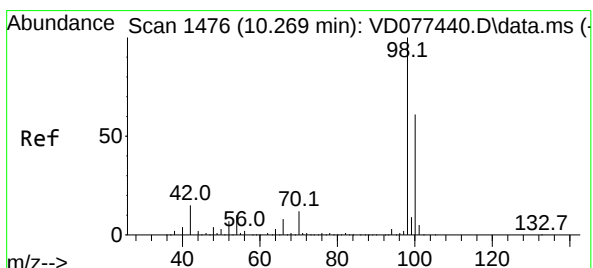
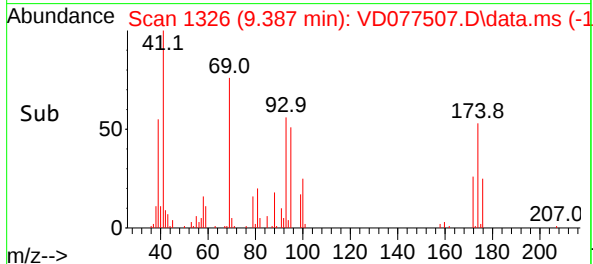
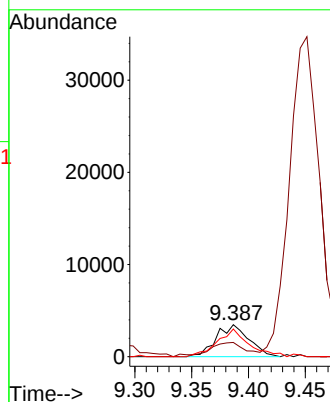
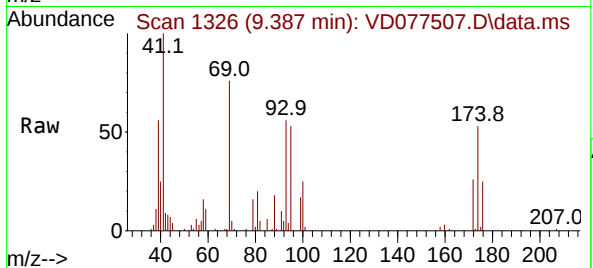
Tgt Ion: 88 Resp: 6939
 Ion Ratio Lower Upper
 88 100
 43 50.1 19.0 28.6
 58 83.7 43.5 65.3

Manual Integrations

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Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#50

Toluene-d8

Concen: 49.995 ug/l

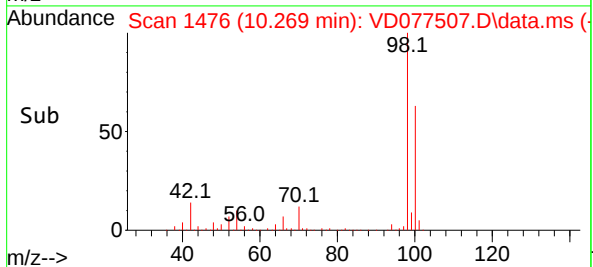
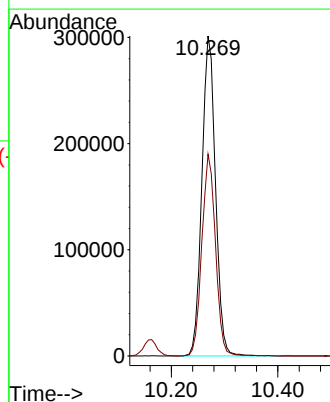
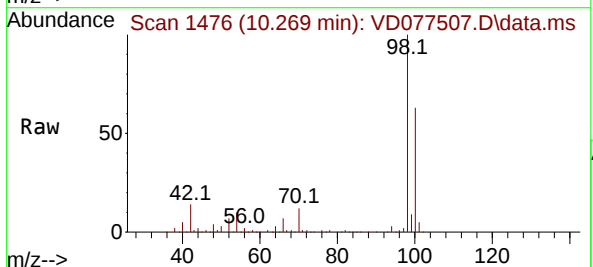
RT: 10.269 min Scan# 1476

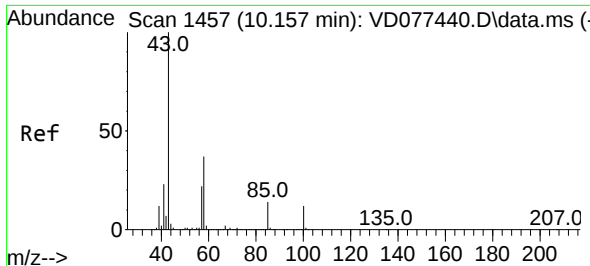
Delta R.T. 0.000 min

Lab File: VD077507.D

Acq: 06 Nov 2023 12:01

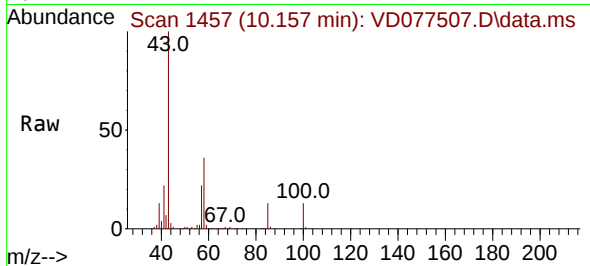
Tgt Ion: 98 Resp: 533339
 Ion Ratio Lower Upper
 98 100
 100 63.4 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 93.984 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

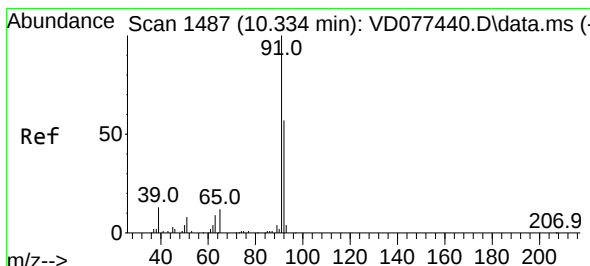
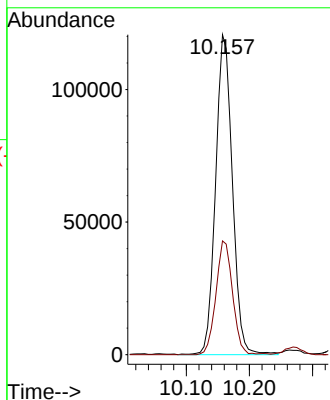
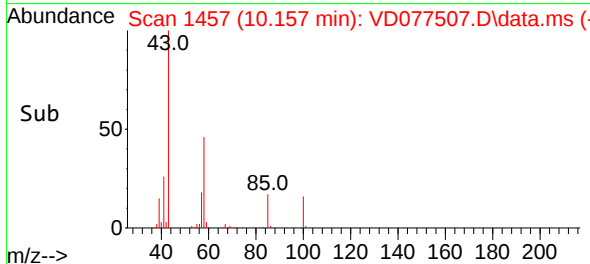
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBSD01



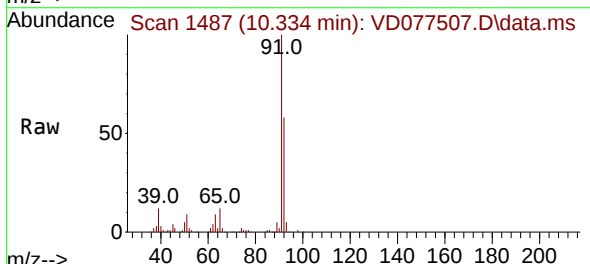
Tgt Ion: 43 Resp: 223085
Ion Ratio Lower Upper
43 100
58 35.3 38.9 58.3

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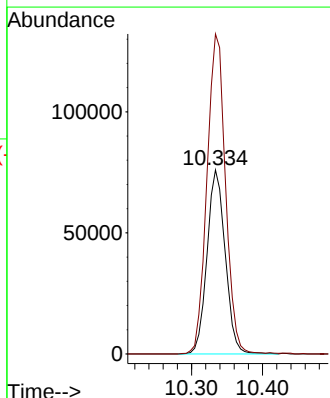
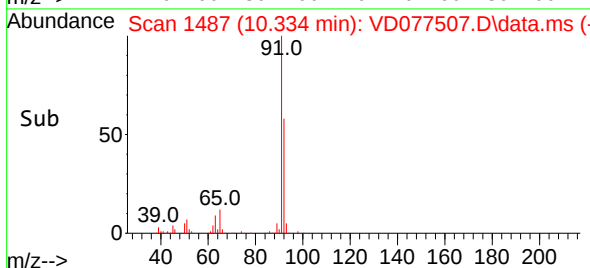
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

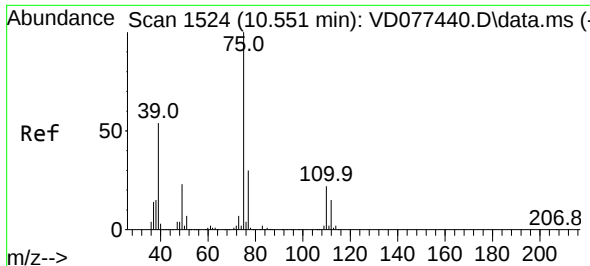


#52
Toluene
Concen: 19.086 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01



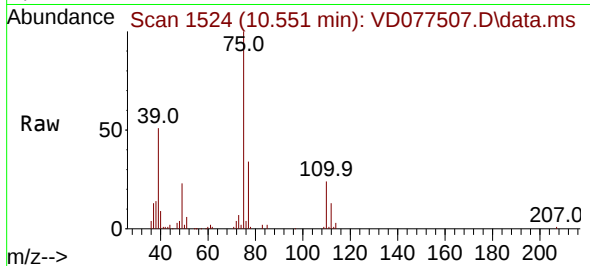
Tgt Ion: 92 Resp: 135104
Ion Ratio Lower Upper
92 100
91 177.1 143.0 214.4





#53
 t-1,3-Dichloropropene
 Concen: 18.313 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD077507.D
 Acq: 06 Nov 2023 12:01

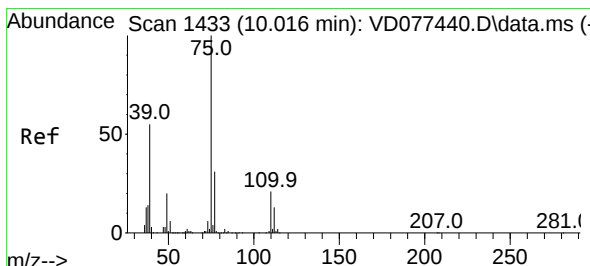
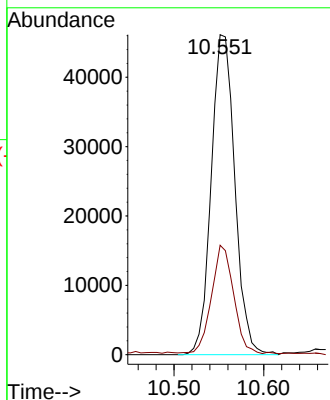
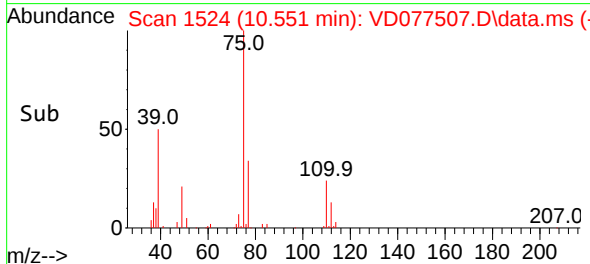
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBSD01



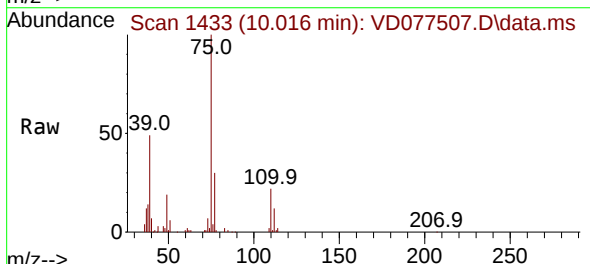
Tgt Ion: 75 Resp: 8432
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.3 37.9

Manual Integrations
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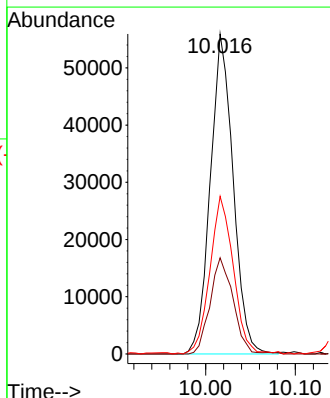
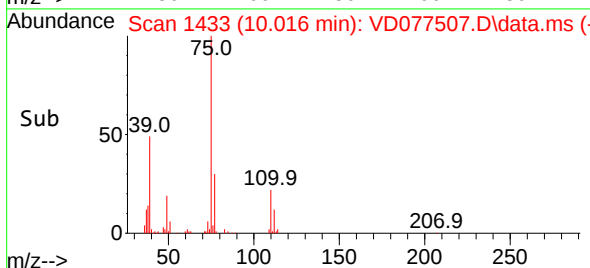
Reviewed By :John Carlone 11/07/2023
 Supervised By :Mahesh Dadoda 11/07/2023

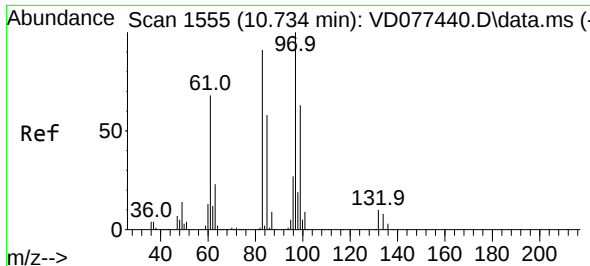


#54
 cis-1,3-Dichloropropene
 Concen: 18.665 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077507.D
 Acq: 06 Nov 2023 12:01



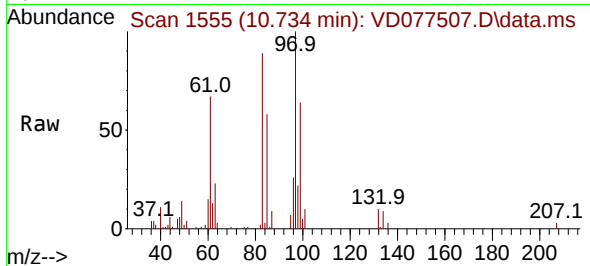
Tgt Ion: 75 Resp: 98894
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.5 38.3
 39 49.0 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 19.490 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

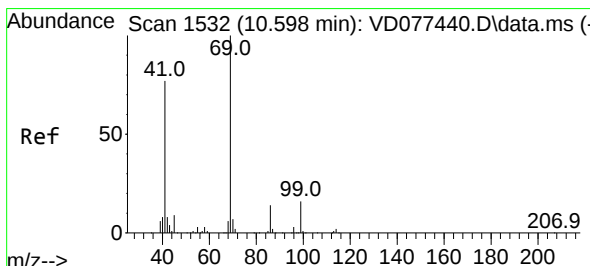
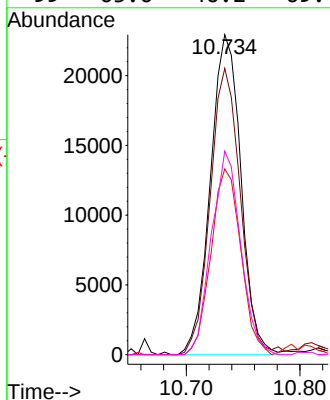
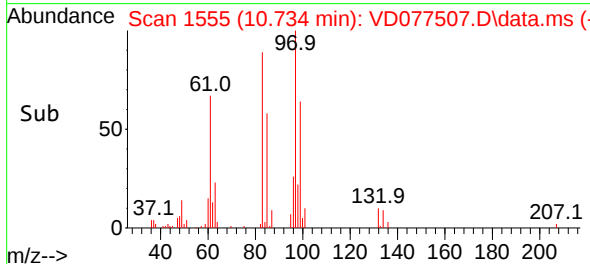
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBSD01



Tgt Ion:	97	Resp:	4277
Ion Ratio	Lower	Upper	
97	100		
83	89.5	65.8	98.6
85	58.0	45.7	68.5
99	63.6	46.2	69.4

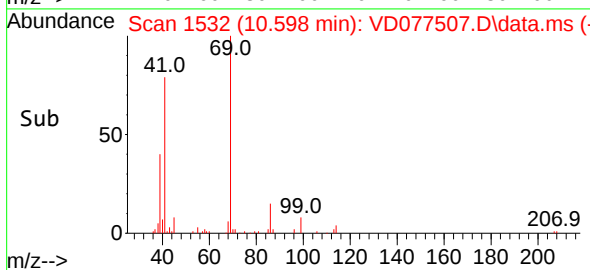
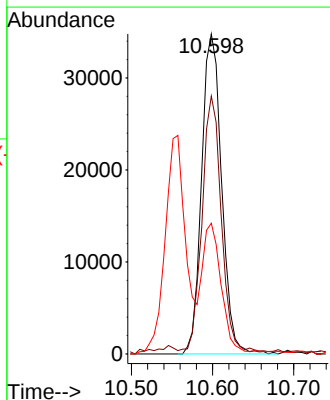
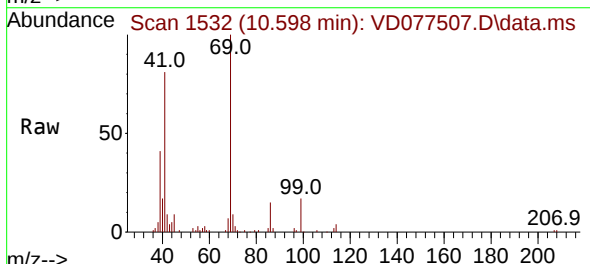
Manual Integrations
APPROVED

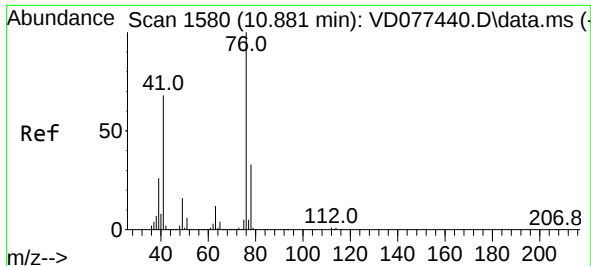
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#56
Ethyl methacrylate
Concen: 18.247 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

Tgt Ion:	69	Resp:	59548
Ion Ratio	Lower	Upper	
69	100		
41	77.4	39.1	58.7#
39	36.8	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 19.064 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077507.D

Acq: 06 Nov 2023 12:01

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

Tgt Ion: 76 Resp: 78208

Ion Ratio Lower Upper

76 100

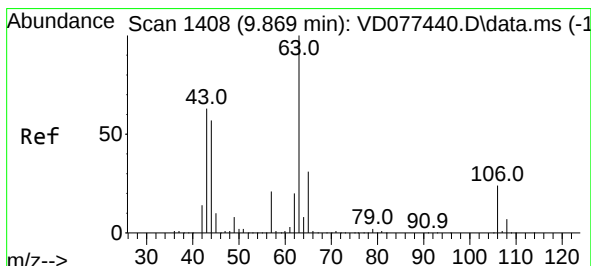
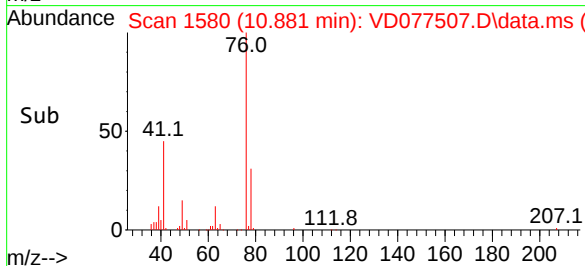
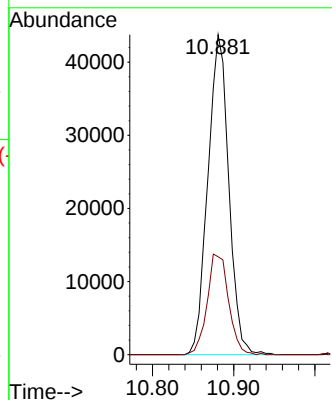
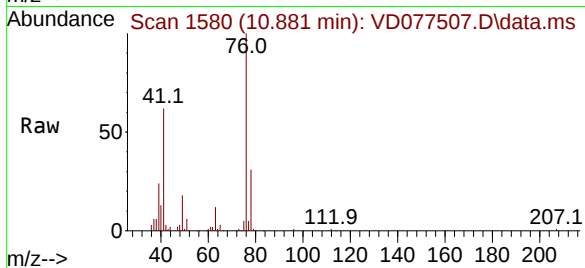
78 32.3 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#58

2-Chloroethyl Vinyl ether

Concen: 88.086 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077507.D

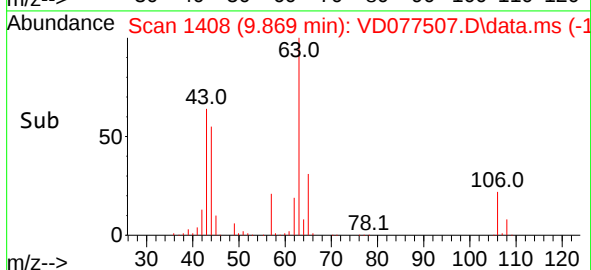
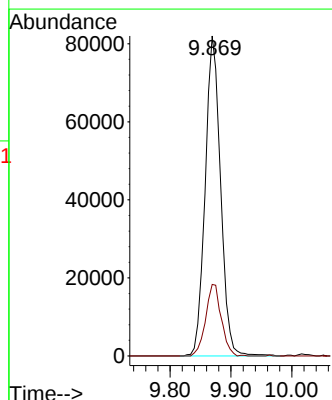
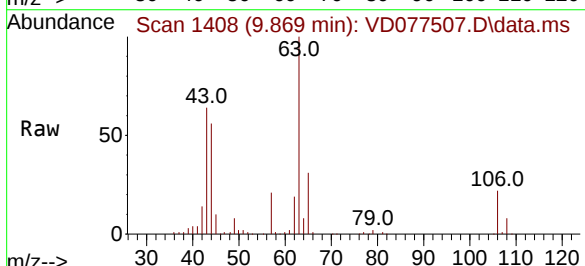
Acq: 06 Nov 2023 12:01

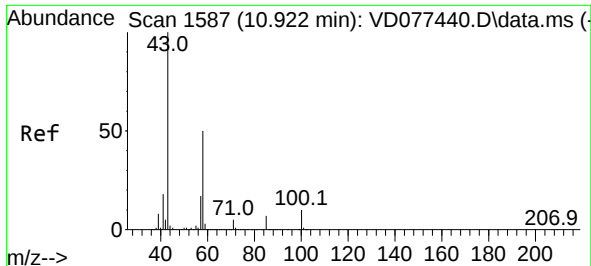
Tgt Ion: 63 Resp: 143910

Ion Ratio Lower Upper

63 100

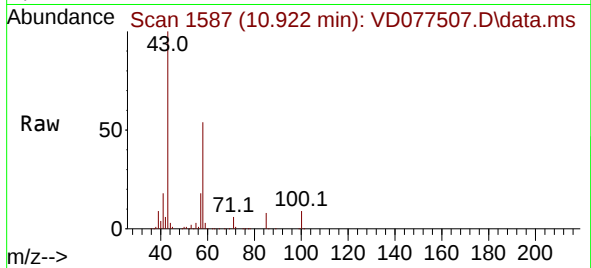
106 22.7 25.3 37.9





#59
2-Hexanone
Concen: 96.869 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

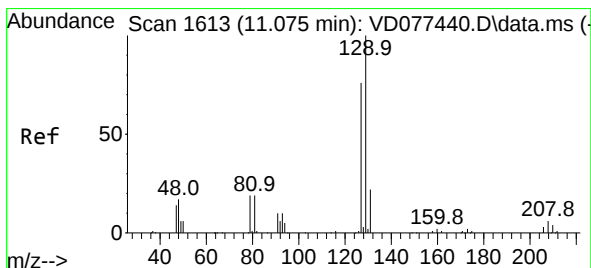
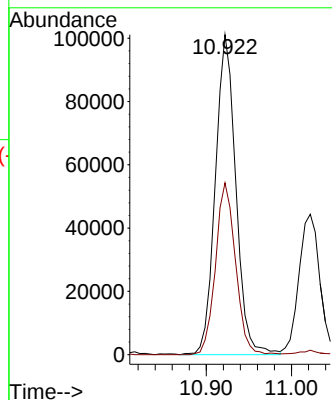
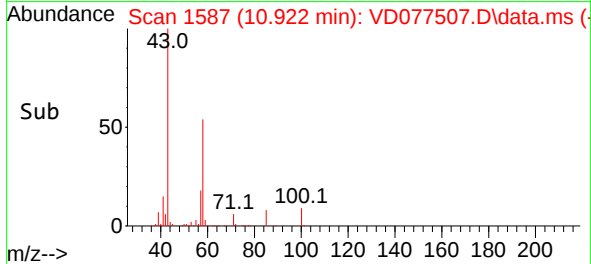
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBSD01



Tgt Ion: 43 Resp: 169380
Ion Ratio Lower Upper
43 100
58 52.4 34.1 102.2

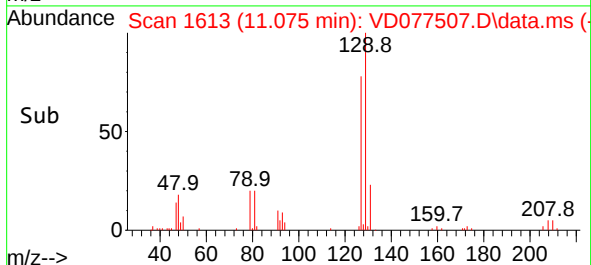
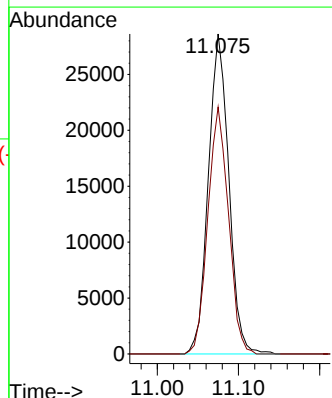
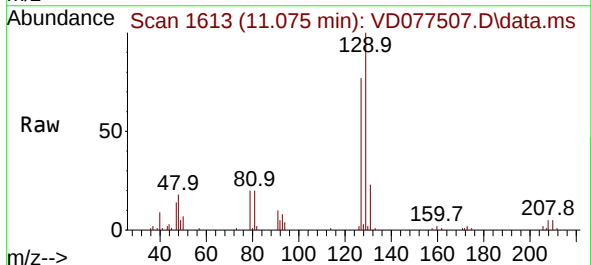
Manual Integrations
APPROVED

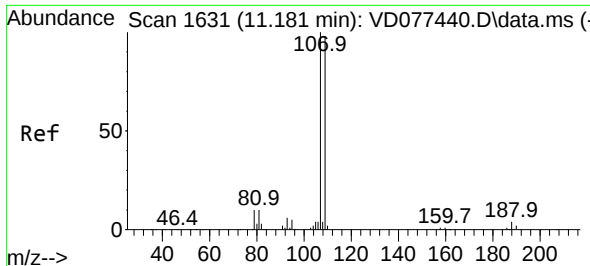
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#60
Dibromochloromethane
Concen: 18.979 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

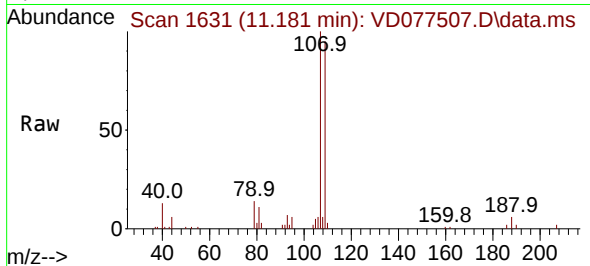
Tgt Ion:129 Resp: 50091
Ion Ratio Lower Upper
129 100
127 77.8 37.1 111.5





#61
1,2-Dibromoethane
Concen: 18.378 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

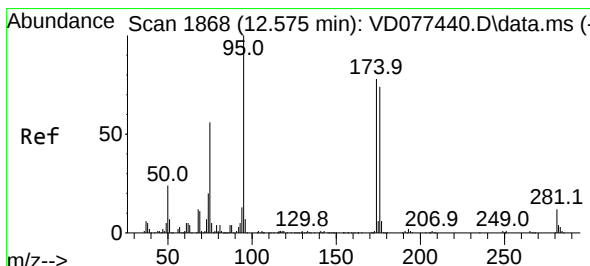
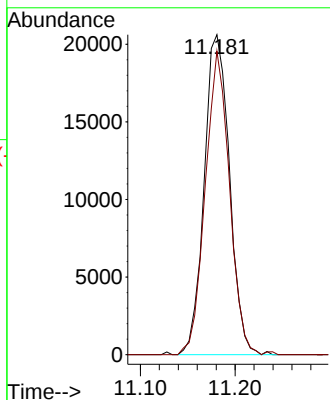
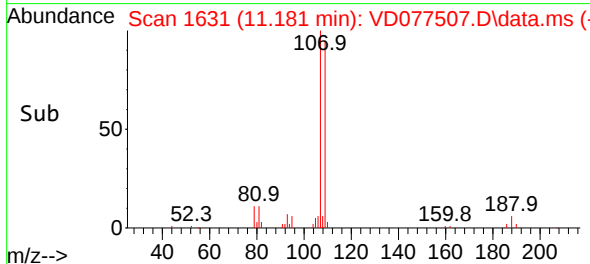
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBSD01



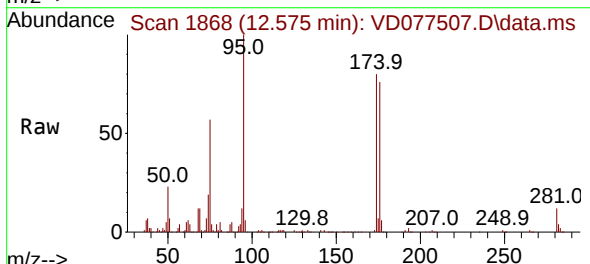
Tgt Ion:107 Resp: 38200
Ion Ratio Lower Upper
107 100
109 90.7 75.6 113.4

Manual Integrations
APPROVED

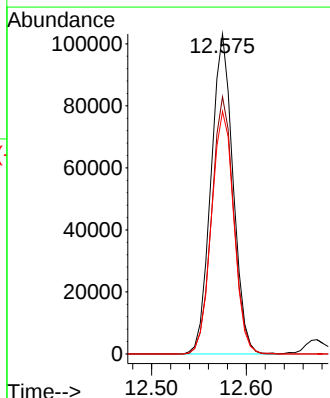
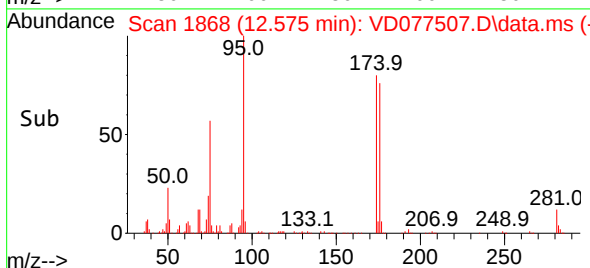
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

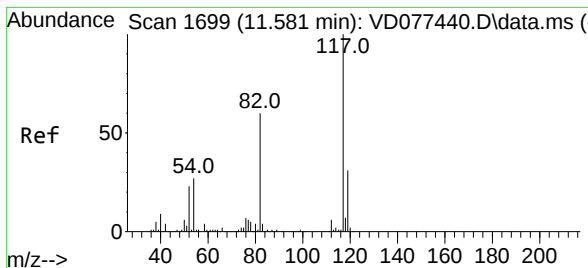


#62
4-Bromofluorobenzene
Concen: 46.342 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01



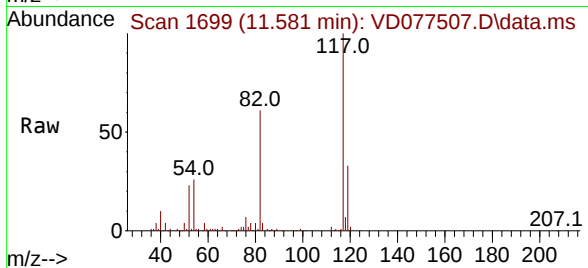
Tgt Ion: 95 Resp: 166505
Ion Ratio Lower Upper
95 100
174 80.3 0.0 201.8
176 77.2 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

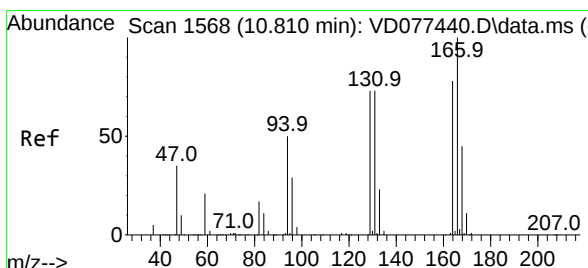
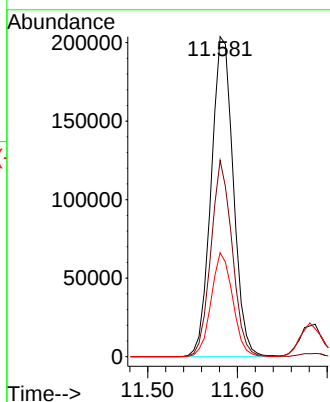
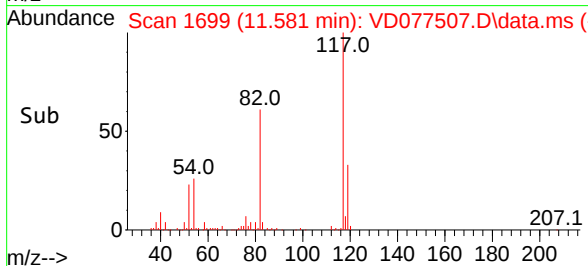
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBSD01



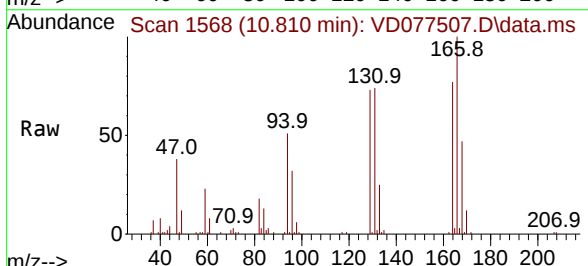
Tgt Ion:117 Resp: 349930
Ion Ratio Lower Upper
117 100
82 61.4 38.3 57.5
119 32.5 25.0 37.4

Manual Integrations
APPROVED

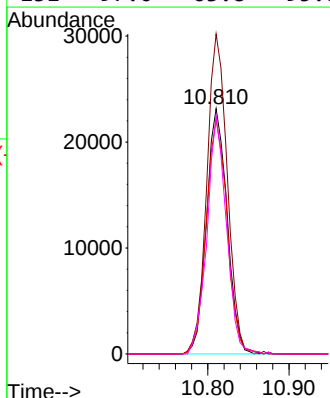
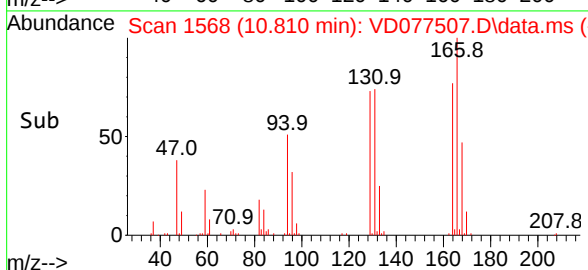
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

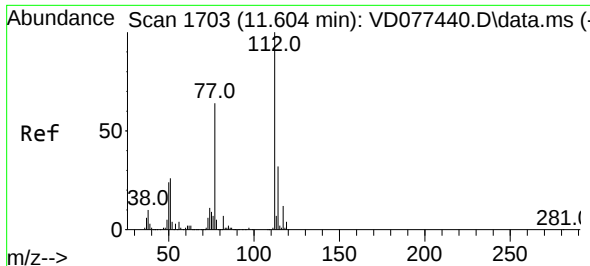


#64
Tetrachloroethene
Concen: 18.424 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01



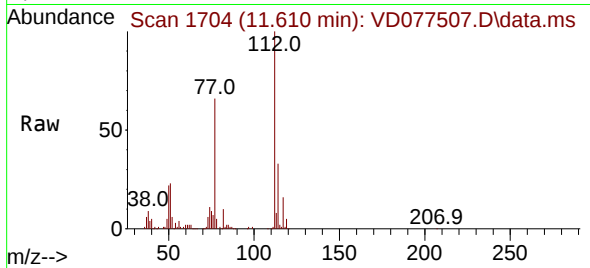
Tgt Ion:164 Resp: 41047
Ion Ratio Lower Upper
164 100
166 130.5 99.2 148.8
129 95.4 68.4 102.6
131 97.0 63.8 95.8#





#65
Chlorobenzene
Concen: 19.400 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

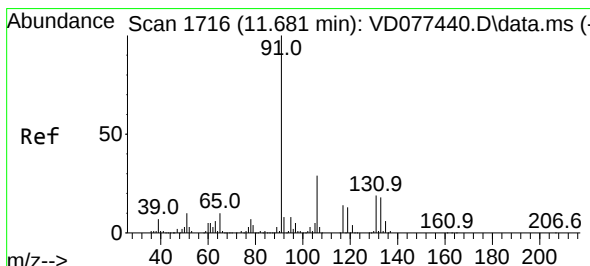
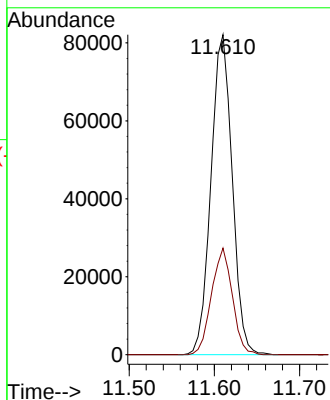
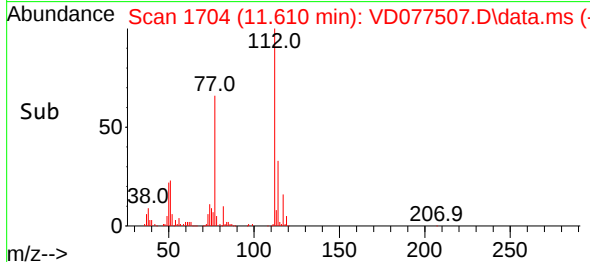
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBSD01



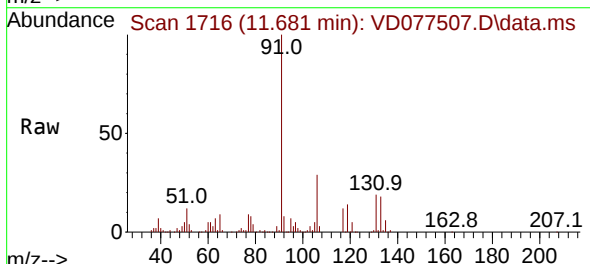
Tgt Ion:112 Resp: 142220
Ion Ratio Lower Upper
112 100
114 33.3 25.1 37.7

Manual Integrations
APPROVED

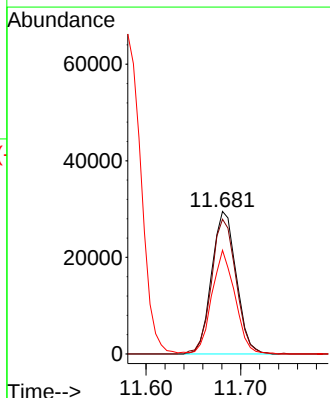
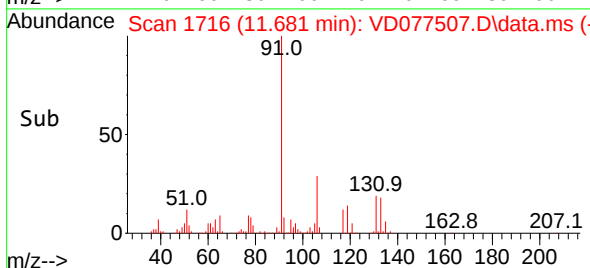
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

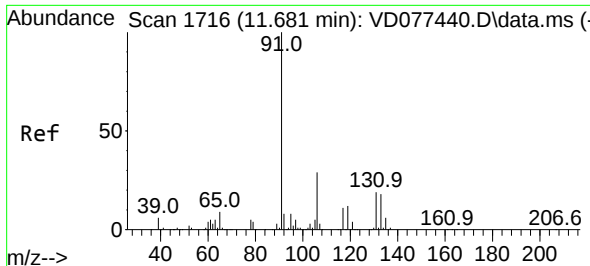


#66
1,1,1,2-Tetrachloroethane
Concen: 19.253 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01



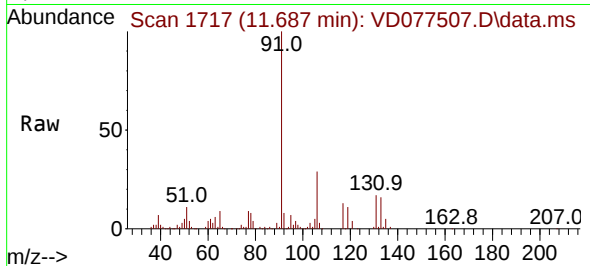
Tgt Ion:131 Resp: 53337
Ion Ratio Lower Upper
131 100
133 94.5 48.5 145.5
119 68.4 35.6 106.9





#67
Ethyl Benzene
Concen: 19.743 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

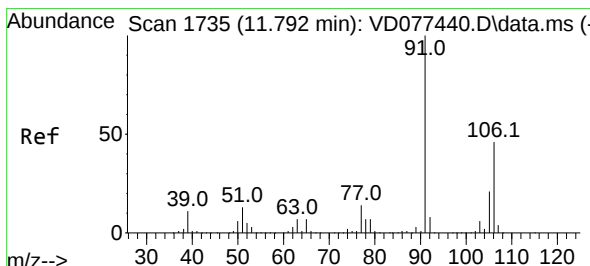
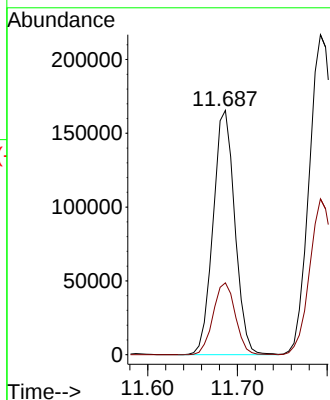
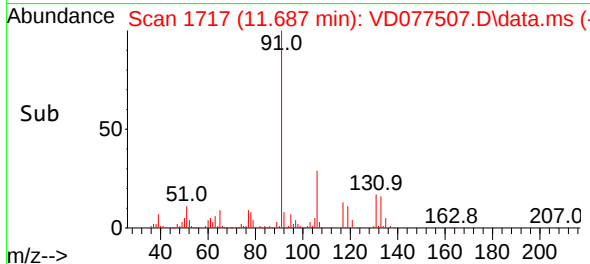
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBSD01



Tgt Ion: 91 Resp: 278489
Ion Ratio Lower Upper
91 100
106 29.4 26.5 39.7

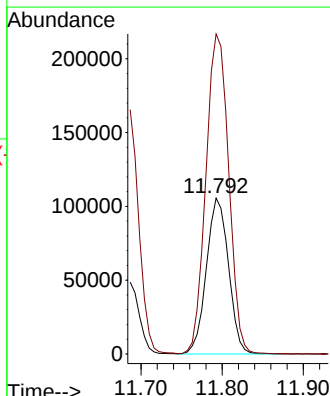
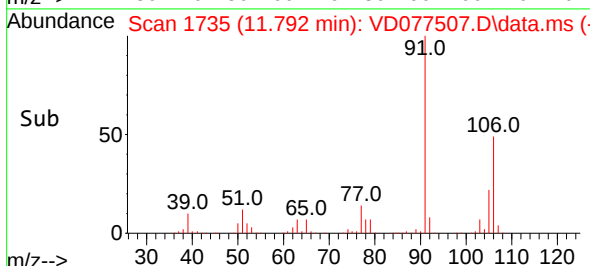
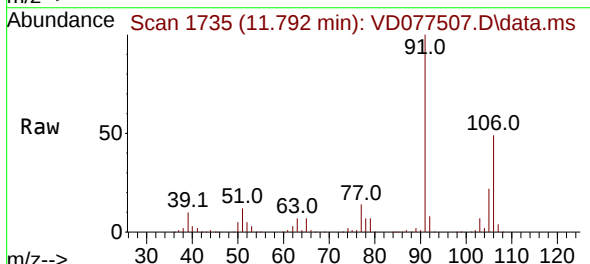
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#68
m/p-Xylenes
Concen: 39.225 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

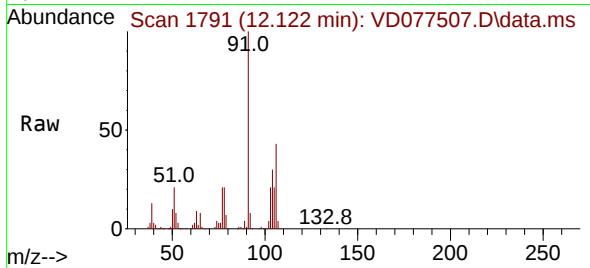
Tgt Ion:106 Resp: 199797
Ion Ratio Lower Upper
106 100
91 212.1 147.0 220.6





#69
o-Xylene
Concen: 19.393 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

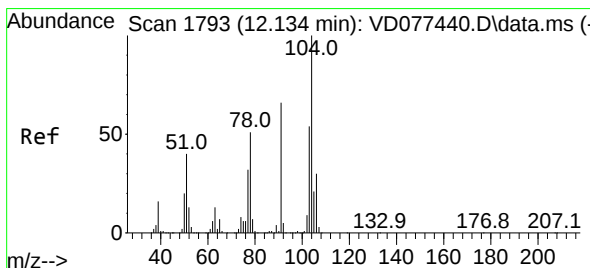
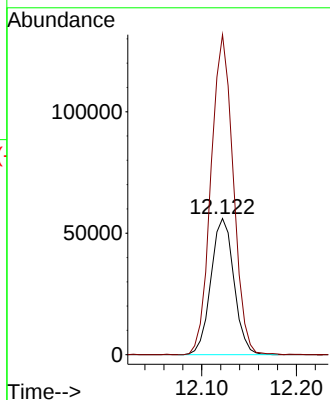
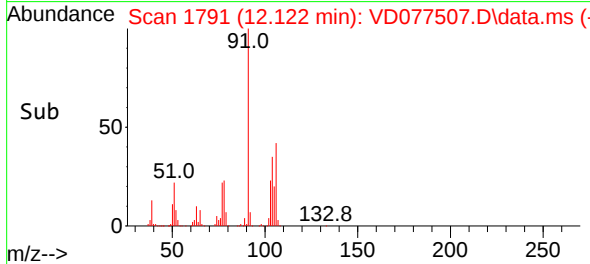
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBSD01



Tgt Ion:106 Resp: 94610
Ion Ratio Lower Upper
106 100
91 227.7 97.9 293.6

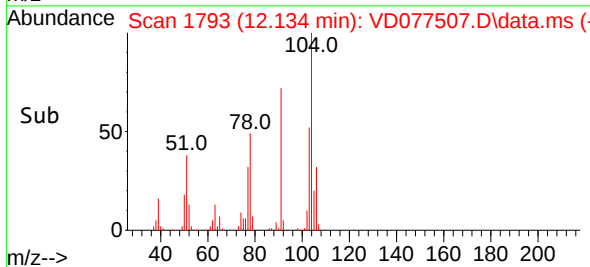
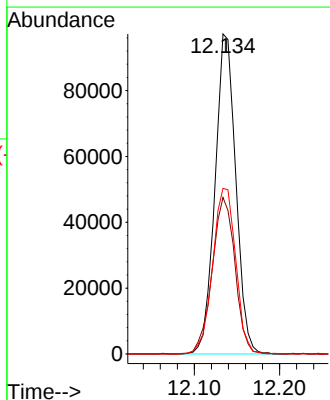
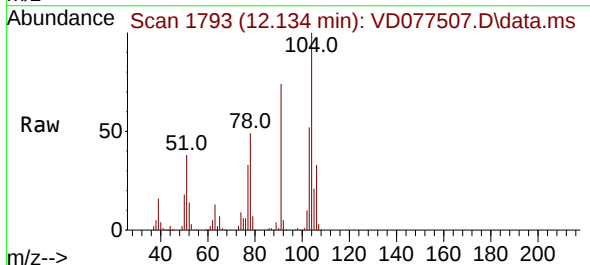
Manual Integrations
APPROVED

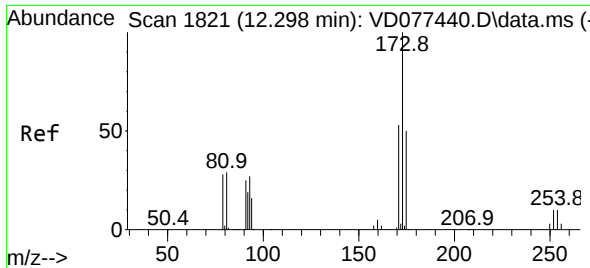
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#70
Styrene
Concen: 19.625 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

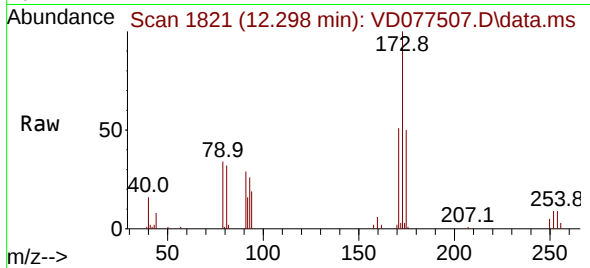
Tgt Ion:104 Resp: 165183
Ion Ratio Lower Upper
104 100
78 53.6 33.2 49.8#
103 57.4 43.6 65.4





#71
Bromoform
Concen: 18.575 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

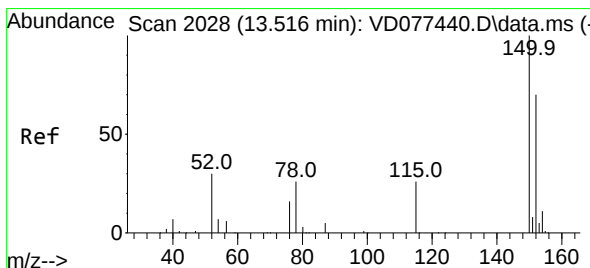
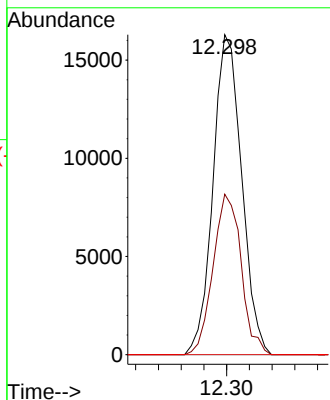
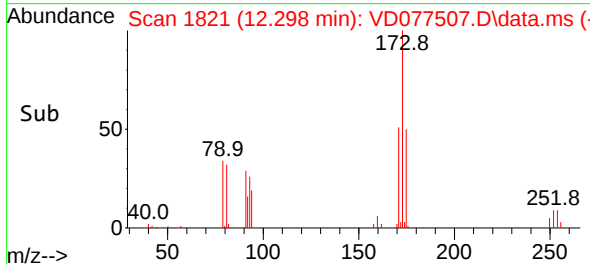
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01



Tgt Ion:173 Resp: 28529
Ion Ratio Lower Upper
173 100
175 49.2 24.6 73.8
254 0.0 0.0 0.0

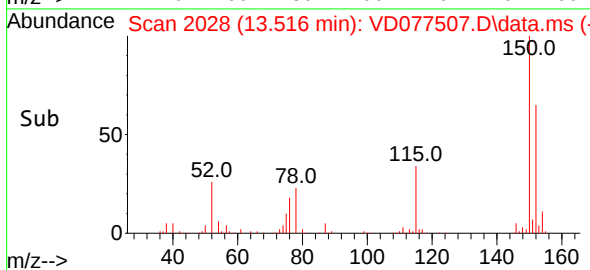
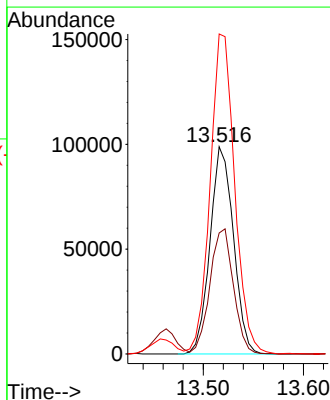
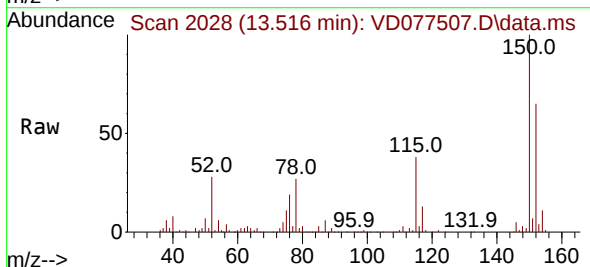
Manual Integrations
APPROVED

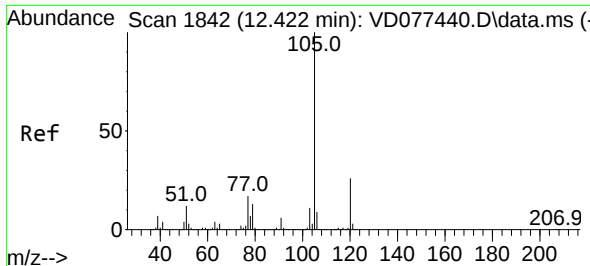
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

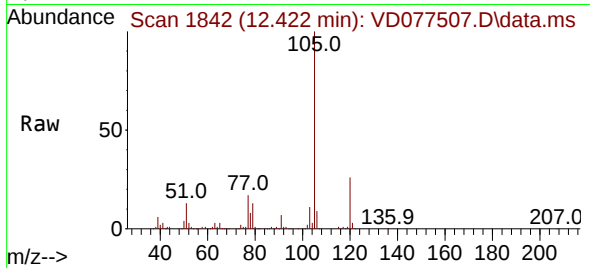
Tgt Ion:152 Resp: 160722
Ion Ratio Lower Upper
152 100
115 60.7 27.1 81.3
150 160.9 0.0 353.6





#73
Isopropylbenzene
Concen: 20.088 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

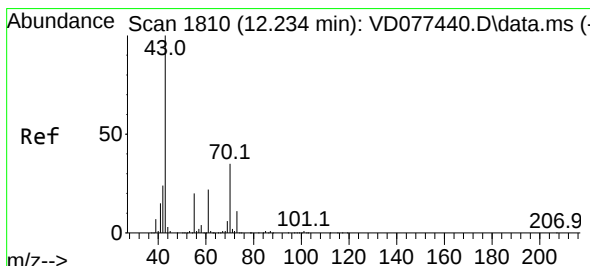
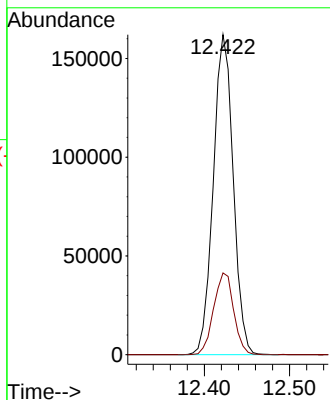
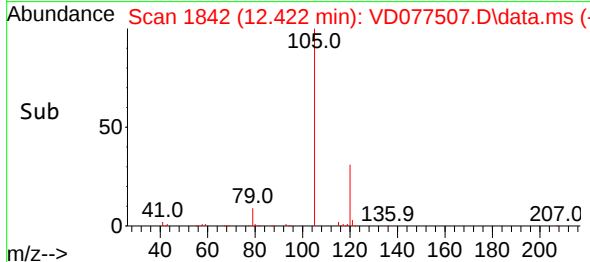
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01



Tgt Ion:105 Resp: 263220
Ion Ratio Lower Upper
105 100
120 25.6 14.3 42.9

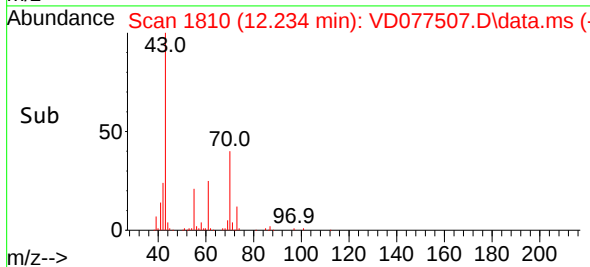
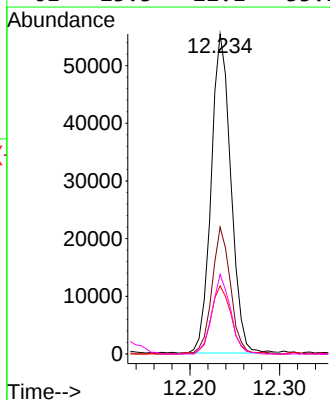
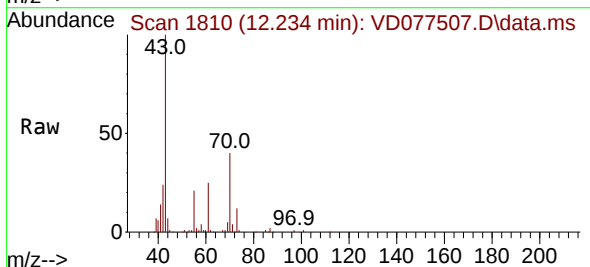
Manual Integrations
APPROVED

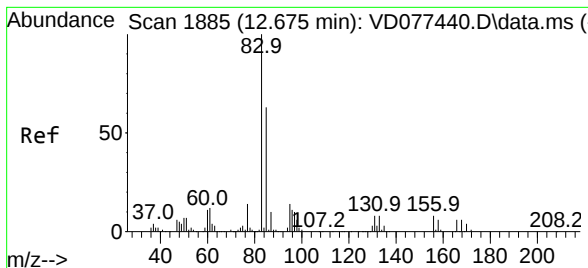
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#74
N-ethyl acetate
Concen: 18.187 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

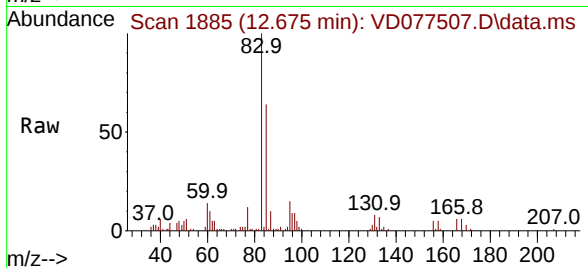
Tgt Ion: 43 Resp: 84412
Ion Ratio Lower Upper
43 100
70 37.1 45.0 67.4#
55 22.1 23.8 35.6#
61 23.3 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 20.019 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

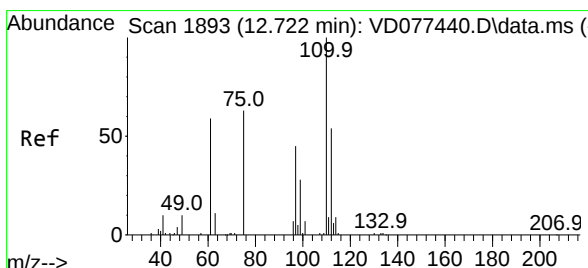
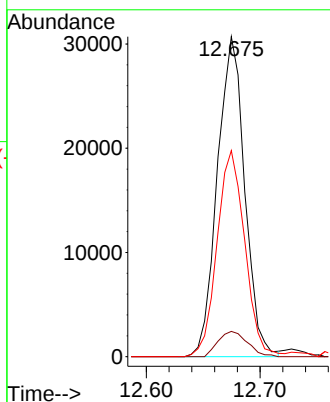
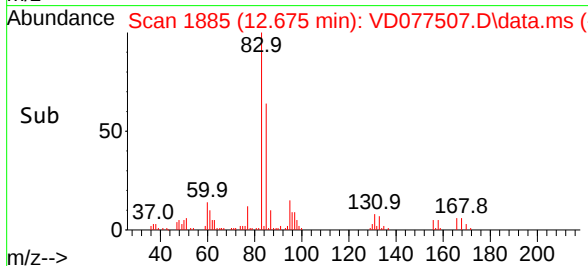
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBSD01



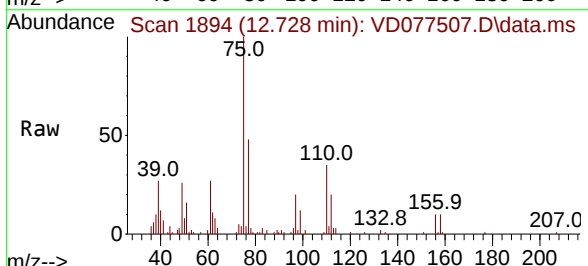
Tgt Ion: 83 Resp: 5142
Ion Ratio Lower Upper
83 100
131 8.5 5.1 15.3
85 65.3 32.6 97.8

Manual Integrations
APPROVED

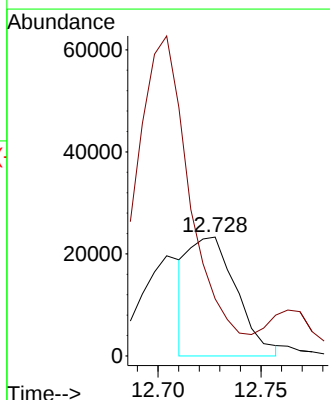
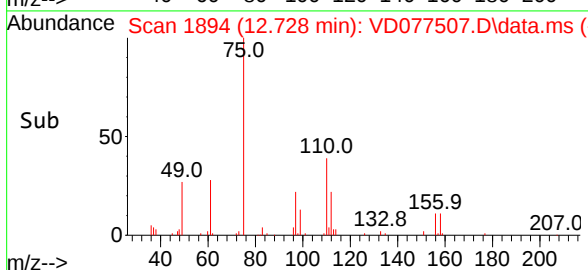
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

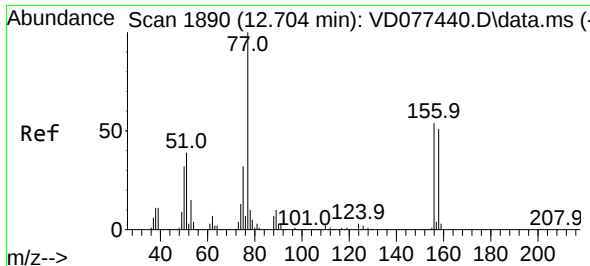


#76
1,2,3-Trichloropropane
Concen: 19.208 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01



Tgt Ion: 75 Resp: 37574
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





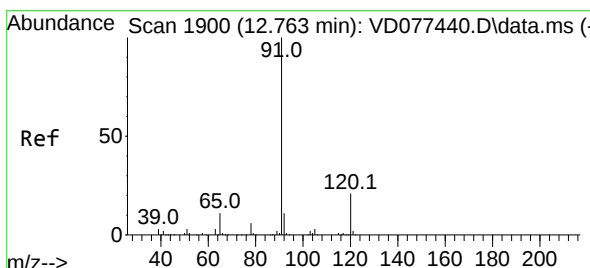
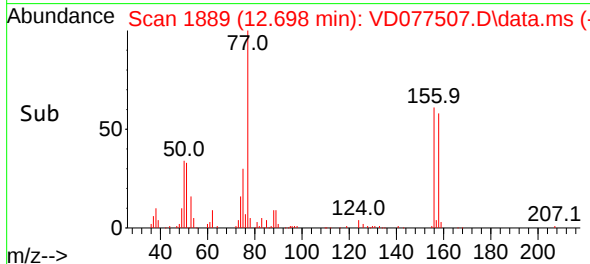
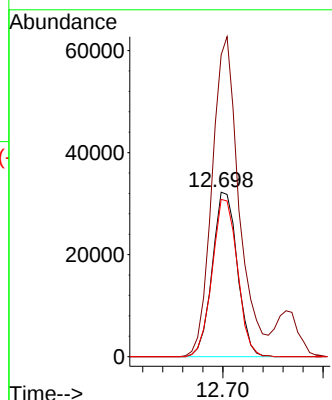
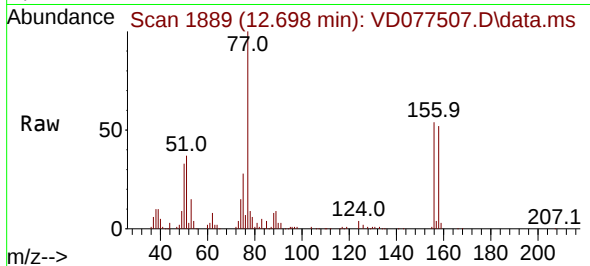
#77
Bromobenzene
Concen: 19.365 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBSD01

Tgt Ion:156 Resp: 55854
Ion Ratio Lower Upper
156 100
77 210.2 76.8 230.4
158 96.5 48.6 145.9

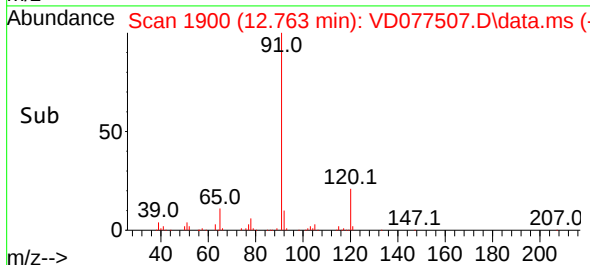
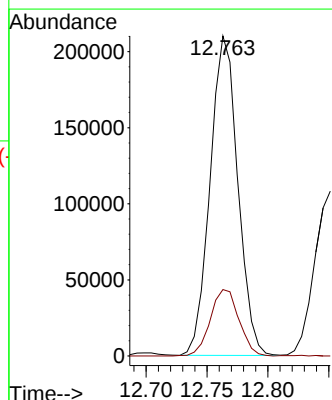
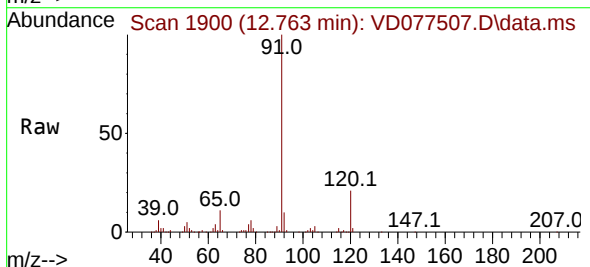
Manual Integrations
APPROVED

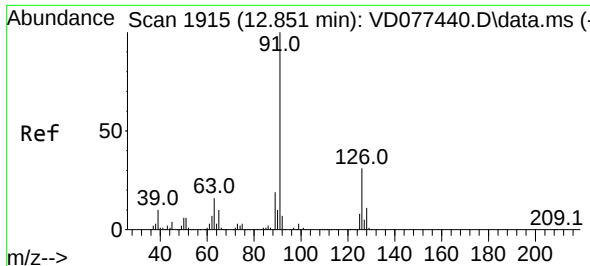
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#78
n-propylbenzene
Concen: 19.988 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

Tgt Ion: 91 Resp: 332577
Ion Ratio Lower Upper
91 100
120 21.5 12.4 37.2





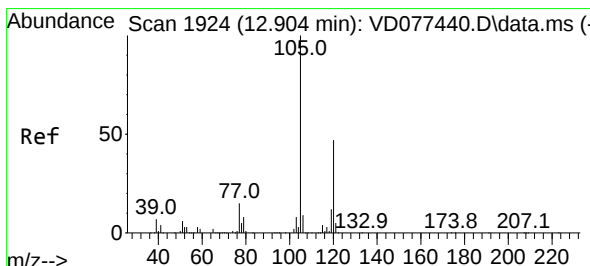
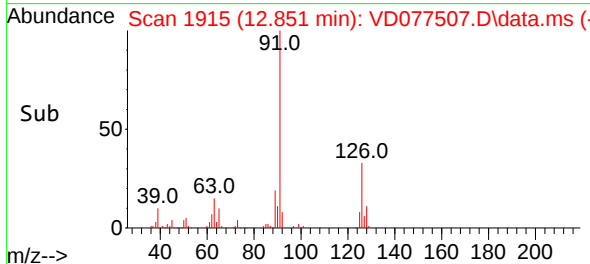
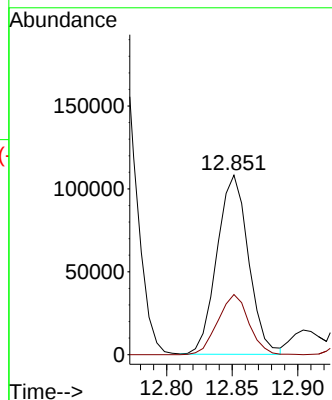
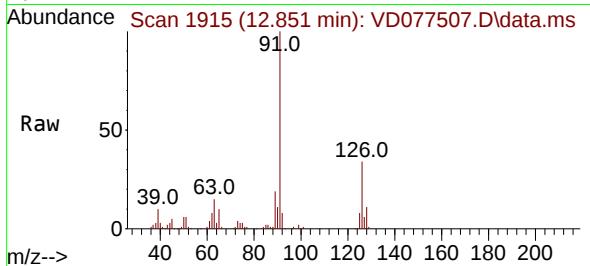
#79
2-Chlorotoluene
Concen: 19.203 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBSD01

Tgt Ion: 91 Resp: 180900
Ion Ratio Lower Upper
91 100
126 33.0 19.4 58.1

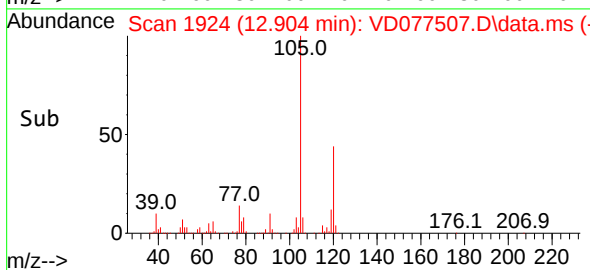
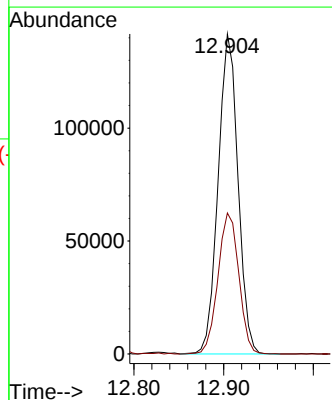
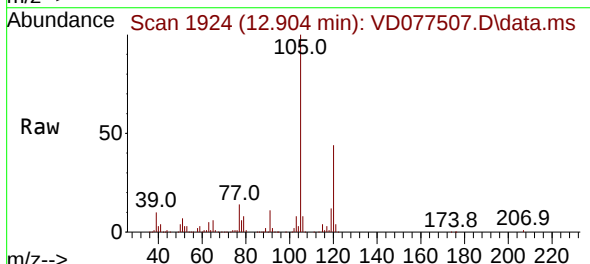
Manual Integrations
APPROVED

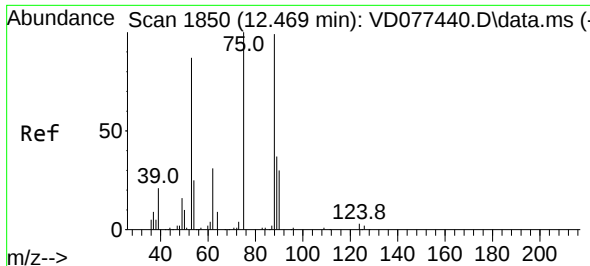
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.780 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

Tgt Ion:105 Resp: 217481
Ion Ratio Lower Upper
105 100
120 46.3 26.4 79.2





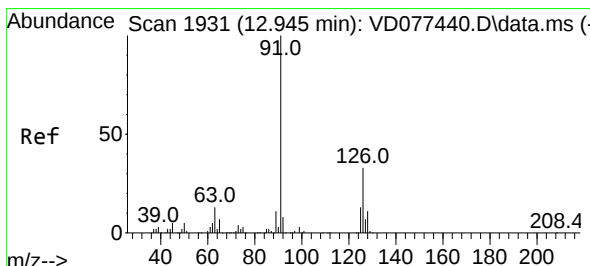
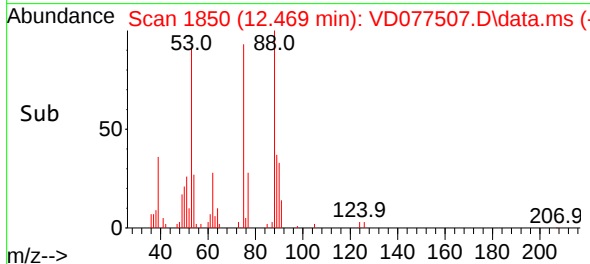
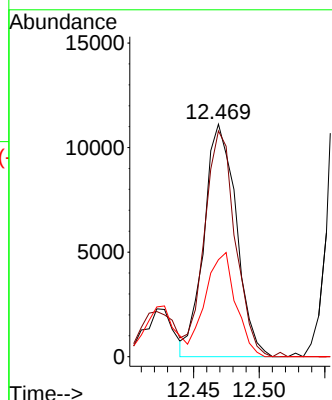
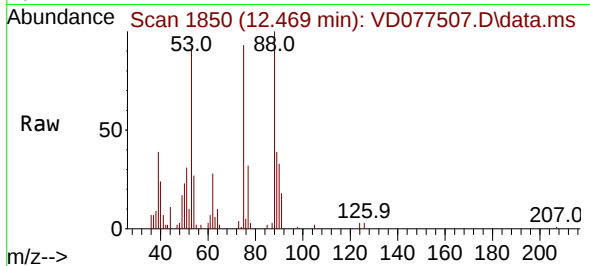
#81
trans-1,4-Dichloro-2-butene
Concen: 18.744 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBSD01

Tgt Ion: 75 Resp: 1898
Ion Ratio Lower Upper
75 100
53 93.5 63.0 94.4
89 42.2 37.9 56.9

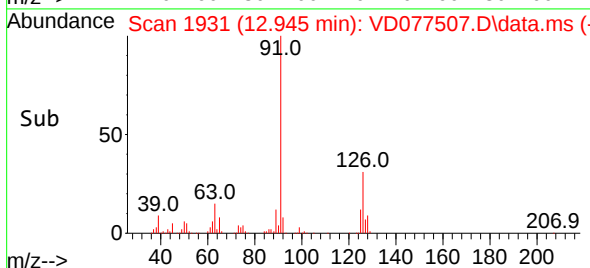
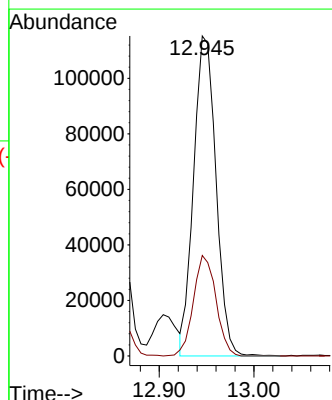
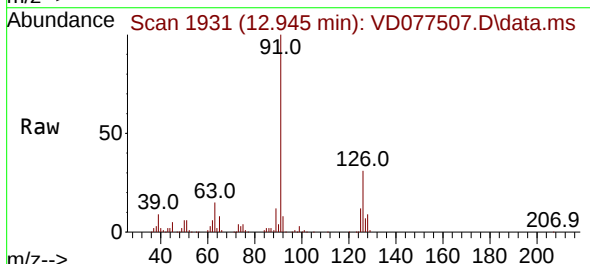
Manual Integrations
APPROVED

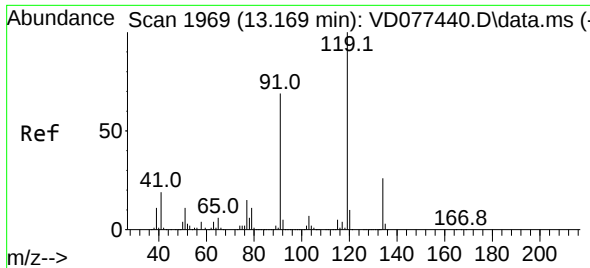
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#82
4-Chlorotoluene
Concen: 19.295 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

Tgt Ion: 91 Resp: 189345
Ion Ratio Lower Upper
91 100
126 31.7 19.4 58.4





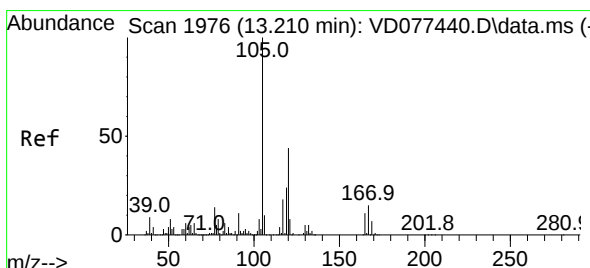
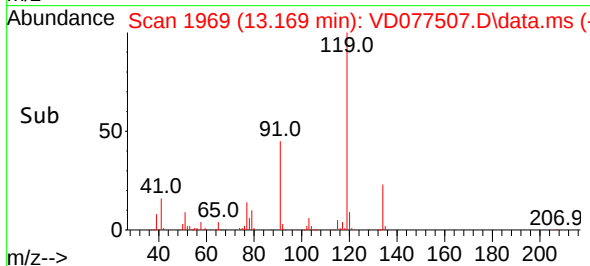
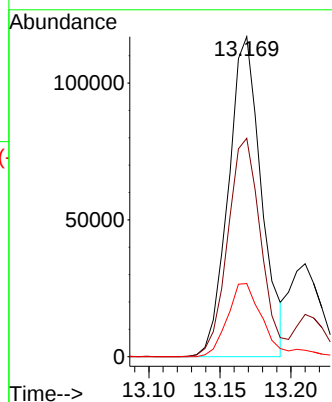
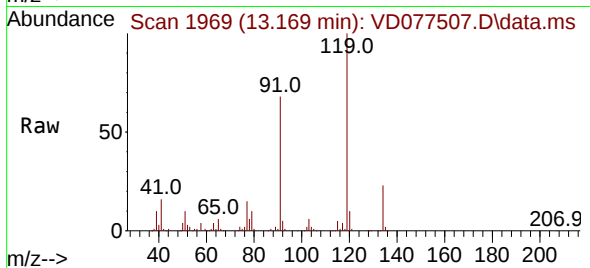
#83
tert-Butylbenzene
Concen: 20.449 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBSD01

Tgt Ion:119 Resp: 189035
Ion Ratio Lower Upper
119 100
91 69.0 29.3 87.8
134 25.2 14.1 42.3

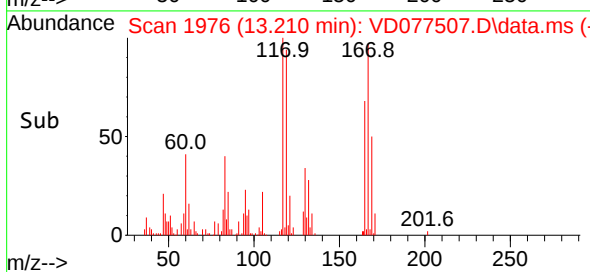
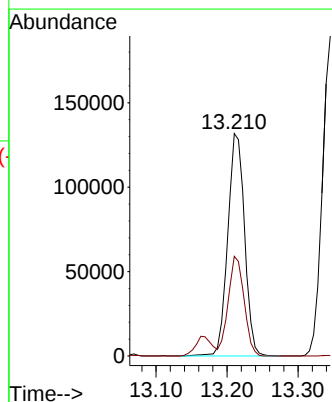
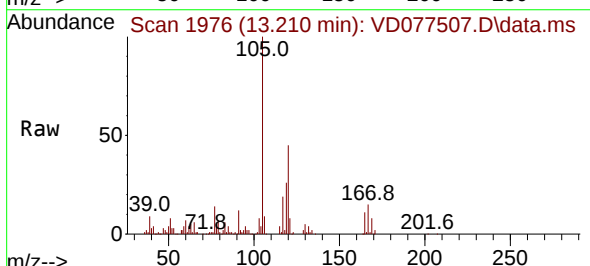
Manual Integrations
APPROVED

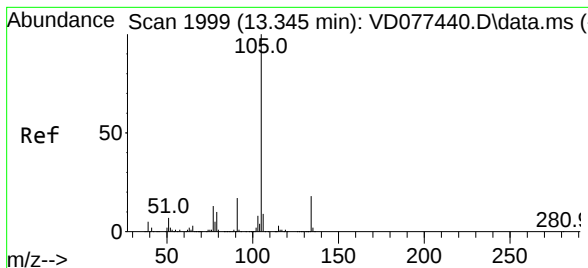
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.800 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

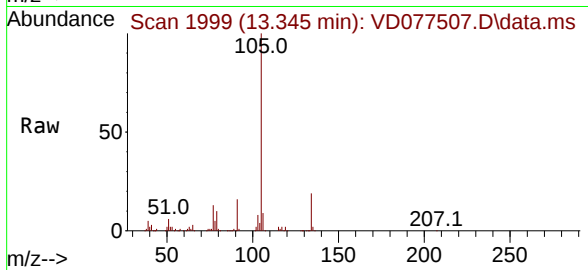
Tgt Ion:105 Resp: 216260
Ion Ratio Lower Upper
105 100
120 42.3 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 20.903 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077507.D
 Acq: 06 Nov 2023 12:01

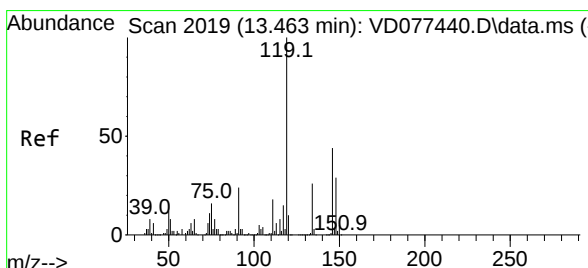
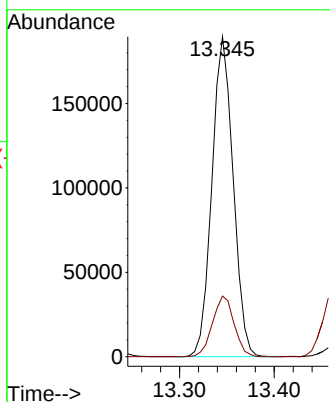
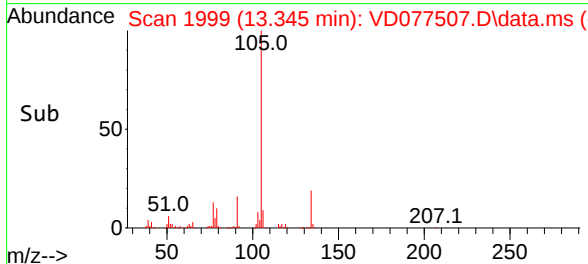
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBSD01



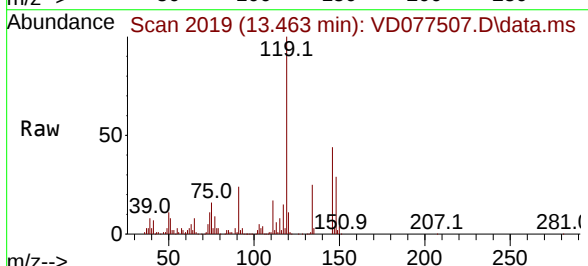
Tgt Ion:105 Resp: 295654
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.9 32.9

Manual Integrations
 APPROVED

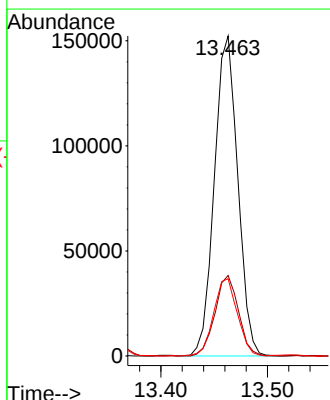
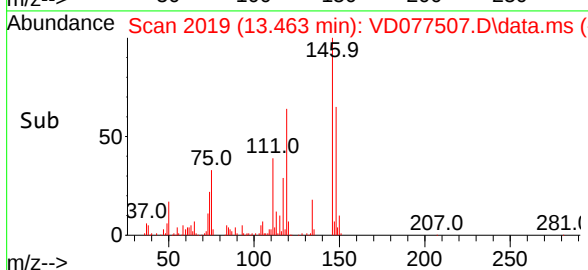
Reviewed By :John Carlone 11/07/2023
 Supervised By :Mahesh Dadoda 11/07/2023

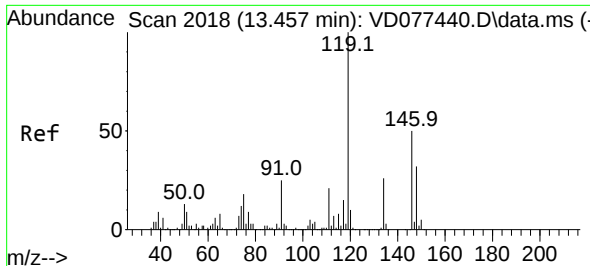


#86
 p-Isopropyltoluene
 Concen: 20.187 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077507.D
 Acq: 06 Nov 2023 12:01



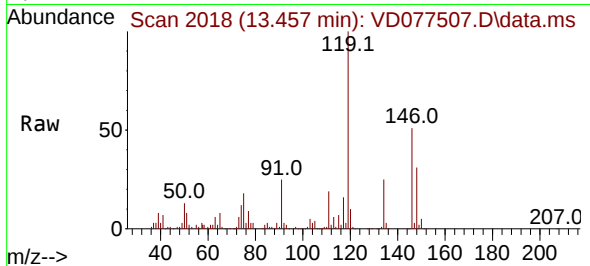
Tgt Ion:119 Resp: 232092
 Ion Ratio Lower Upper
 119 100
 134 25.2 14.2 42.6
 91 24.6 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 20.037 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

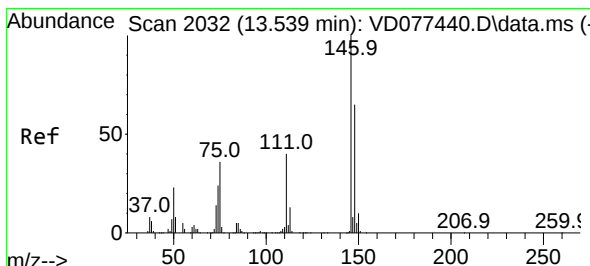
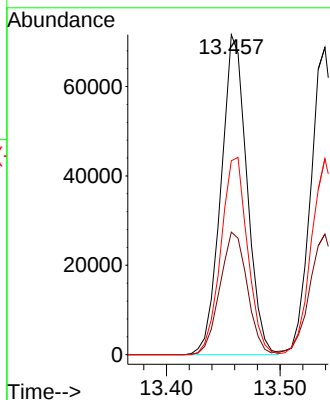
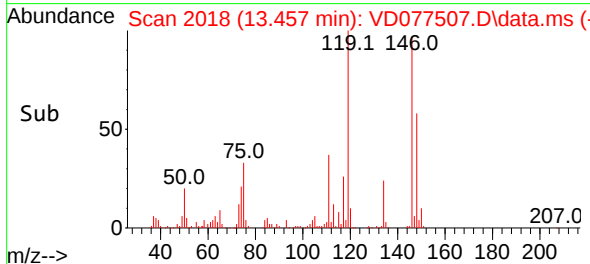
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBSD01



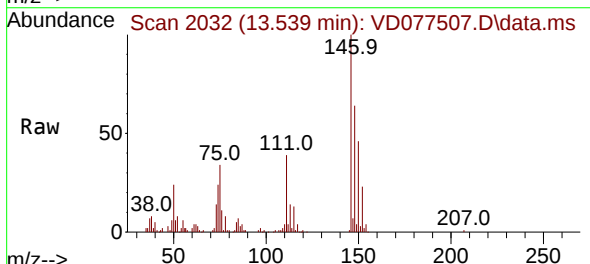
Tgt Ion:146 Resp: 11360
Ion Ratio Lower Upper
146 100
111 40.3 17.9 53.8
148 63.4 32.3 96.8

Manual Integrations
APPROVED

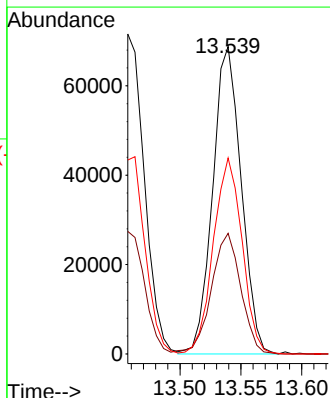
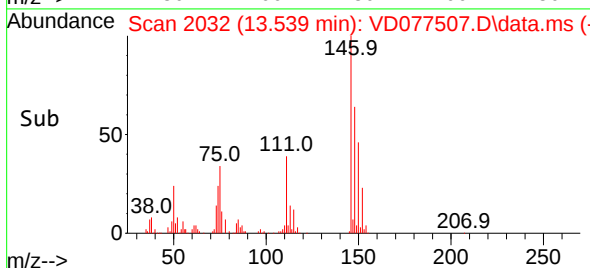
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#88
1,4-Dichlorobenzene
Concen: 19.782 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01



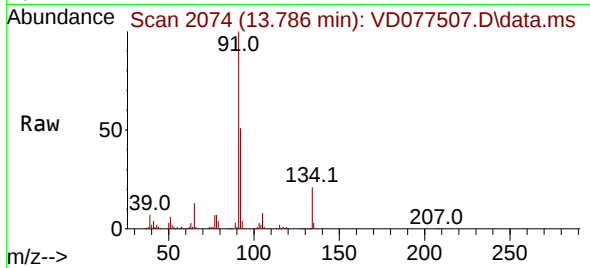
Tgt Ion:146 Resp: 112058
Ion Ratio Lower Upper
146 100
111 40.5 17.4 52.3
148 64.3 31.7 95.1





#89
n-Butylbenzene
Concen: 20.353 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

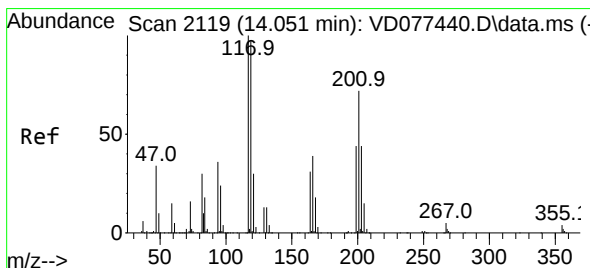
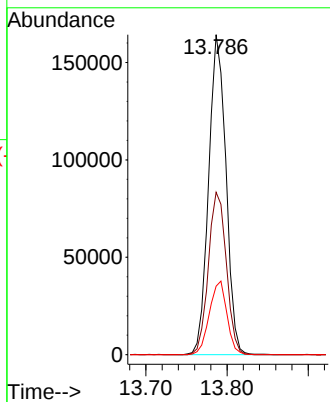
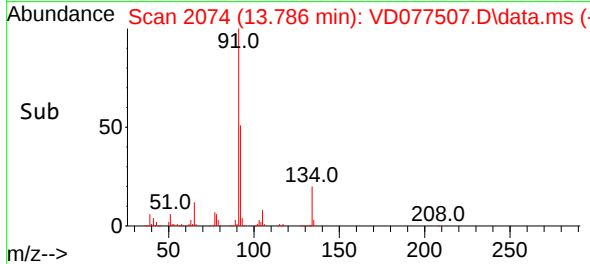
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01



Tgt Ion: 91 Resp: 243215
Ion Ratio Lower Upper
91 100
92 52.6 26.5 79.5
134 23.3 13.8 41.3

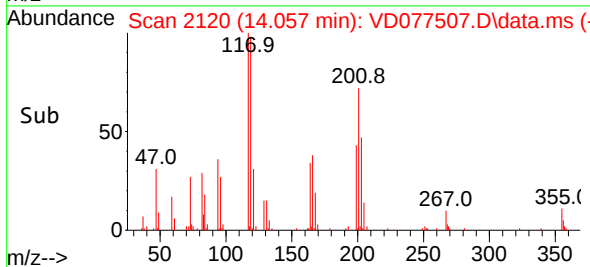
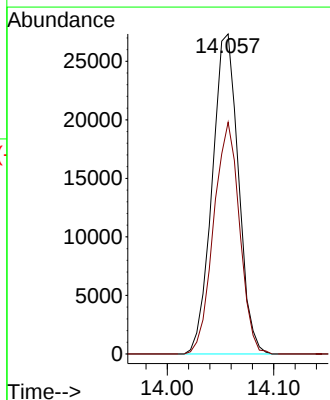
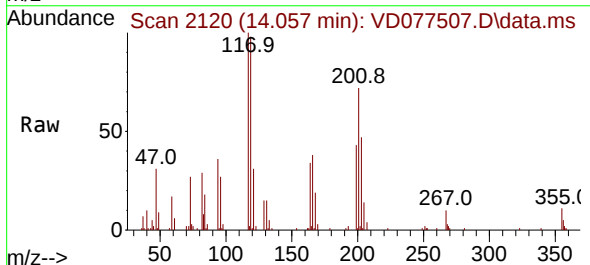
Manual Integrations
APPROVED

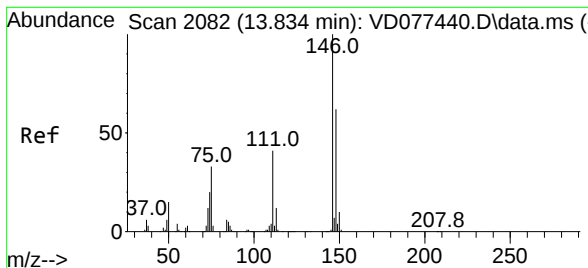
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#90
Hexachloroethane
Concen: 19.862 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

Tgt Ion:117 Resp: 46728
Ion Ratio Lower Upper
117 100
201 71.4 38.5 115.5





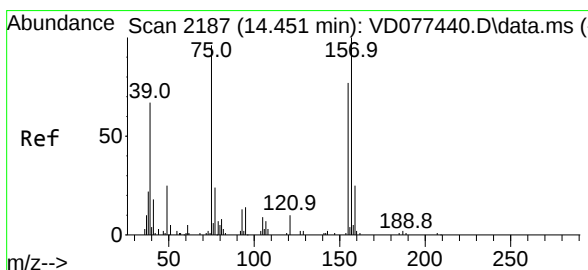
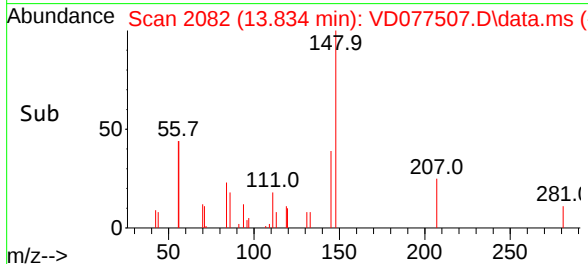
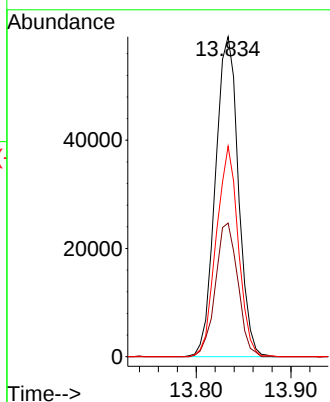
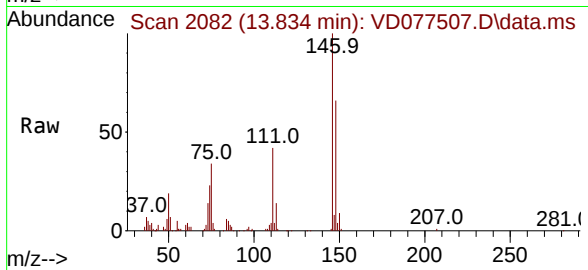
#91
1,2-Dichlorobenzene
Concen: 20.029 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tgt Ion:146 Resp: 9979
Ion Ratio Lower Upper
146 100
111 40.8 18.3 54.8
148 63.1 31.6 94.7

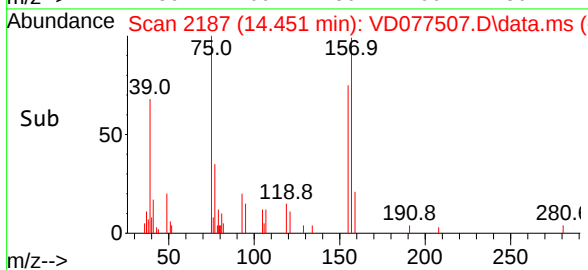
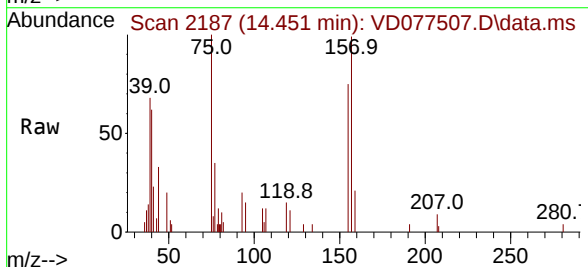
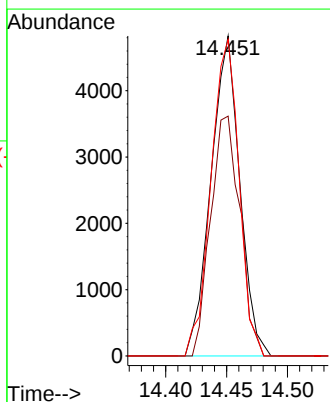
Manual Integrations
APPROVED

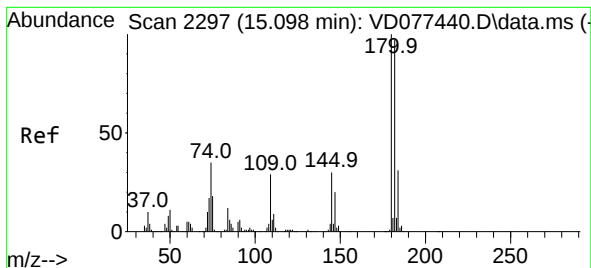
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.372 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

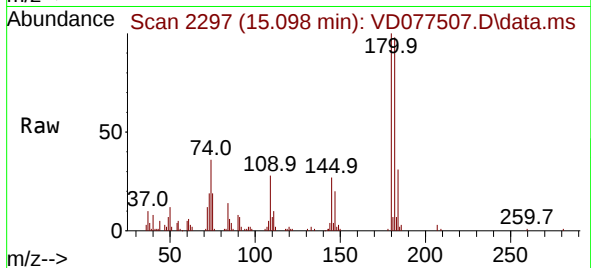
Tgt Ion: 75 Resp: 7950
Ion Ratio Lower Upper
75 100
155 76.3 47.9 143.8
157 96.1 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 18.529 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01

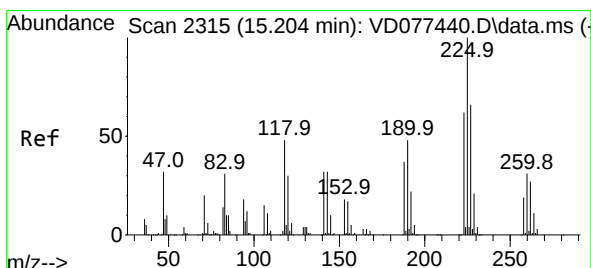
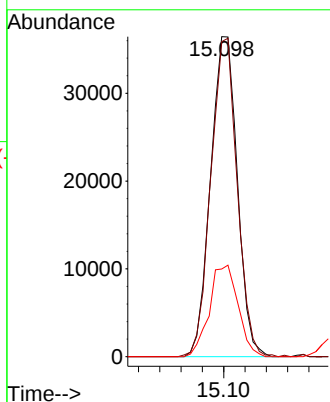
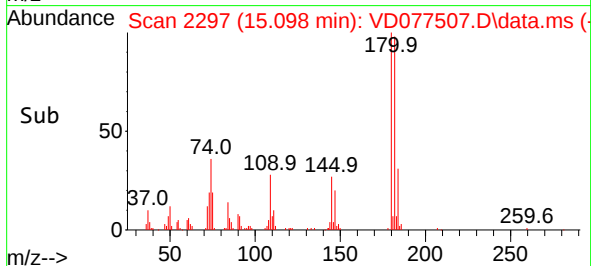
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBSD01



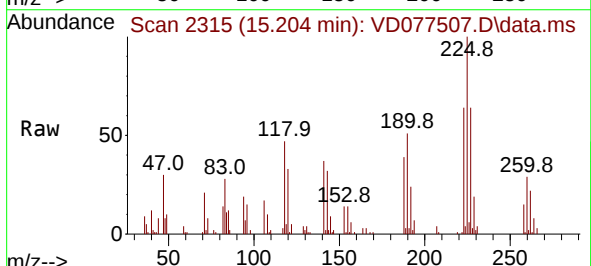
Tgt Ion:180 Resp: 6342
Ion Ratio Lower Upper
180 100
182 98.1 48.5 145.6
145 30.8 14.2 42.6

Manual Integrations
APPROVED

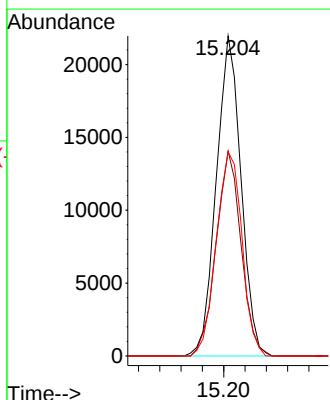
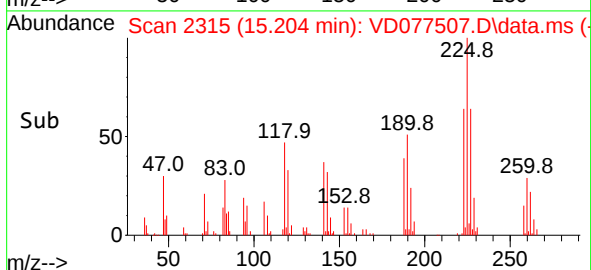
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

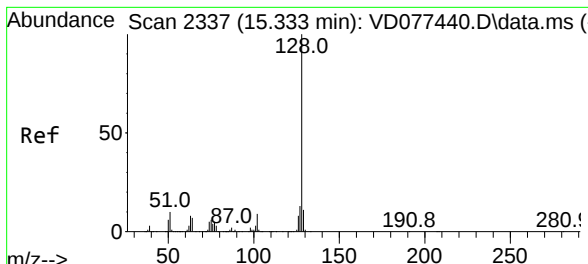


#94
Hexachlorobutadiene
Concen: 19.110 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077507.D
Acq: 06 Nov 2023 12:01



Tgt Ion:225 Resp: 35284
Ion Ratio Lower Upper
225 100
223 64.7 31.6 94.8
227 66.5 31.7 95.1





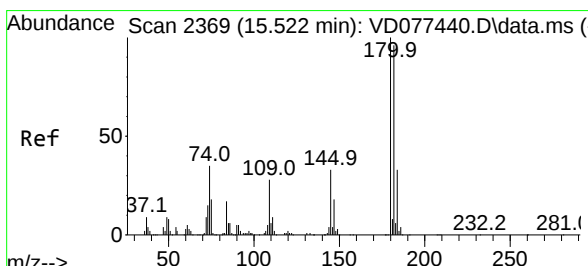
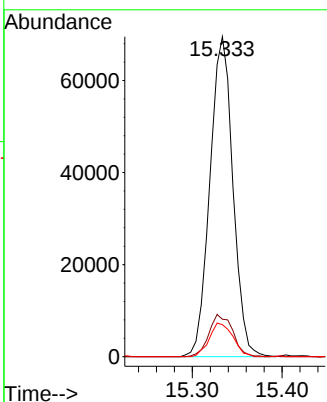
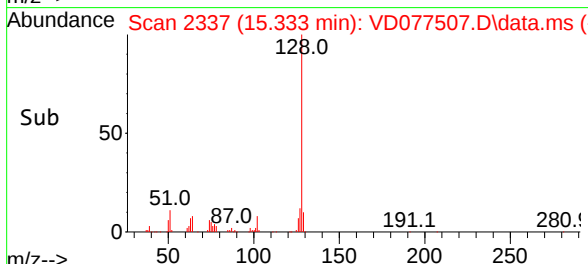
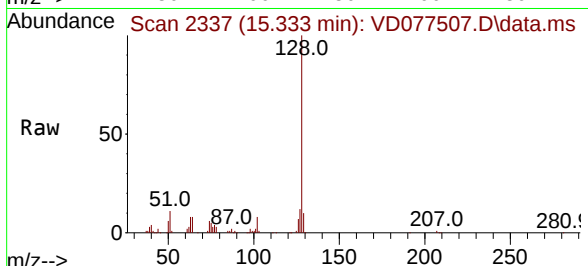
#95
 Naphthalene
 Concen: 18.965 ug/l
 RT: 15.333 min Scan# 2337
 Delta R.T. 0.000 min
 Lab File: VD077507.D
 Acq: 06 Nov 2023 12:01

Instrument : MSVOA_D
 ClientSampleId : VD1106SBSD01

Tgt Ion:	128	Resp:	123839
Ion Ratio	Lower	Upper	
128	100		
127	11.7	10.5	15.7
129	10.0	8.7	13.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/07/2023
 Supervised By :Mahesh Dadoda 11/07/2023



#96
 1,2,3-Trichlorobenzene
 Concen: 19.137 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. 0.000 min
 Lab File: VD077507.D
 Acq: 06 Nov 2023 12:01

Tgt Ion:	180	Resp:	56542
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.3	141.9
145	30.6	15.1	45.3

