

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110623\
 Data File : VD077506.D
 Acq On : 06 Nov 2023 11:34
 Operator : JC/SY
 Sample : VD1106SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 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 02:08:10 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	7.875	168	226715	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	402805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	348859	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	160369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	150777	47.032	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.060%		
35) Dibromofluoromethane	7.805	113	134137	48.181	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.360%		
50) Toluene-d8	10.269	98	551268	50.978	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.960%		
62) 4-Bromofluorobenzene	12.575	95	171892	47.195	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	94.380%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	34197	18.707	ug/l	97
3) Chloromethane	2.152	50	53369	18.388	ug/l	99
4) Vinyl Chloride	2.287	62	60868	21.507	ug/l	97
5) Bromomethane	2.693	94	34015	22.936	ug/l	99
6) Chloroethane	2.840	64	44275	23.236	ug/l	94
7) Trichlorofluoromethane	3.181	101	77221	19.484	ug/l	98
8) Diethyl Ether	3.593	74	25009	17.554	ug/l #	53
9) 1,1,2-Trichlorotrifluo...	3.970	101	46130	19.280	ug/l	92
10) Methyl Iodide	4.175	142	38094	14.961	ug/l #	86
11) Tert butyl alcohol	5.046	59	24435	96.221	ug/l #	86
12) 1,1-Dichloroethene	3.946	96	41670	18.396	ug/l #	69
13) Acrolein	3.793	56	30879	92.209	ug/l	99
14) Allyl chloride	4.570	41	97631	17.866	ug/l #	82
15) Acrylonitrile	5.258	53	72958	94.732	ug/l	95
16) Acetone	4.028	43	91190	107.496	ug/l #	78
17) Carbon Disulfide	4.275	76	79158	14.234	ug/l	96
18) Methyl Acetate	4.570	43	55419	17.910	ug/l #	78
19) Methyl tert-butyl Ether	5.317	73	129101	18.157	ug/l	97
20) Methylene Chloride	4.805	84	72710	21.417	ug/l #	68
21) trans-1,2-Dichloroethene	5.322	96	46386	17.583	ug/l #	81
22) Diisopropyl ether	6.222	45	212681	18.312	ug/l #	89
23) Vinyl Acetate	6.158	43	455515m	90.912	ug/l	
24) 1,1-Dichloroethane	6.117	63	112758	18.711	ug/l	94
25) 2-Butanone	7.081	43	110781	97.905	ug/l #	74
26) 2,2-Dichloropropane	7.075	77	102440	19.181	ug/l	87
27) cis-1,2-Dichloroethene	7.081	96	60117	18.394	ug/l	68
28) Bromochloromethane	7.422	49	41449	16.638	ug/l #	55
29) Tetrahydrofuran	7.446	42	60533	90.201	ug/l #	71
30) Chloroform	7.593	83	106246	18.882	ug/l	88
31) Cyclohexane	7.875	56	86580	17.276	ug/l #	75
32) 1,1,1-Trichloroethane	7.799	97	91787	19.799	ug/l	94
36) 1,1-Dichloropropene	8.011	75	74396	18.023	ug/l	94
37) Ethyl Acetate	7.175	43	43497	18.362	ug/l #	90
38) Carbon Tetrachloride	7.993	117	75025	19.288	ug/l	96
39) Methylcyclohexane	9.275	83	80185	17.025	ug/l #	81
40) Benzene	8.252	78	219226	18.625	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	24863	16.403	ug/l #	76
42) 1,2-Dichloroethane	8.328	62	68068	18.258	ug/l	91
43) Isopropyl Acetate	8.363	43	89011	18.208	ug/l #	80
44) Trichloroethene	9.034	130	53840	18.674	ug/l	91
45) 1,2-Dichloropropane	9.305	63	64891	18.726	ug/l	96
46) Dibromomethane	9.399	93	28799	17.269	ug/l	91
47) Bromodichloromethane	9.587	83	83020	18.835	ug/l	97
48) Methyl methacrylate	9.381	41	36885	15.807	ug/l #	70
49) 1,4-Dioxane	9.387	88	6736	375.906	ug/l #	55
51) 4-Methyl-2-Pentanone	10.157	43	222191	92.342	ug/l #	82
52) Toluene	10.334	92	138137	19.251	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	87515	18.750	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	98514	18.342	ug/l #	81
55) 1,1,2-Trichloroethane	10.734	97	42636	19.163	ug/l	91
56) Ethyl methacrylate	10.599	69	59614	18.021	ug/l #	64
57) 1,3-Dichloropropane	10.881	76	78690	18.922	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	143523	86.662	ug/l #	86
59) 2-Hexanone	10.922	43	174106	98.223	ug/l	78
60) Dibromochloromethane	11.075	129	50237	18.778	ug/l	98
61) 1,2-Dibromoethane	11.181	107	37534	17.814	ug/l	99
64) Tetrachloroethene	10.810	164	42148	18.977	ug/l	92
65) Chlorobenzene	11.610	112	144207	19.731	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	53872	19.506	ug/l	95
67) Ethyl Benzene	11.687	91	277686	19.747	ug/l	95
68) m/p-Xylenes	11.793	106	200176	39.420	ug/l	81
69) o-Xylene	12.122	106	96352	19.809	ug/l	83
70) Styrene	12.140	104	164503	19.604	ug/l #	89
71) Bromoform	12.299	173	28298	18.481	ug/l #	95
73) Isopropylbenzene	12.422	105	264898	20.260	ug/l	94
74) N-amyl acetate	12.234	43	83324	17.992	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.675	83	50646	19.760	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	39388m	20.180	ug/l	
77) Bromobenzene	12.704	156	54741	19.021	ug/l	73
78) n-propylbenzene	12.763	91	335512	20.209	ug/l	92
79) 2-Chlorotoluene	12.851	91	184776	19.657	ug/l	89
80) 1,3,5-Trimethylbenzene	12.904	105	214989	19.596	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	18989	18.792	ug/l	85
82) 4-Chlorotoluene	12.951	91	185342	18.929	ug/l	90
83) tert-Butylbenzene	13.169	119	184727	20.027	ug/l	89
84) 1,2,4-Trimethylbenzene	13.216	105	216515	19.867	ug/l	92
85) sec-Butylbenzene	13.346	105	292660	20.736	ug/l	93
86) p-Isopropyltoluene	13.463	119	234616	20.452	ug/l	94
87) 1,3-Dichlorobenzene	13.463	146	111373	19.687	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	111215	19.677	ug/l	96
89) n-Butylbenzene	13.793	91	243762	20.444	ug/l	97
90) Hexachloroethane	14.057	117	45685	19.461	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	99657	20.045	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	8069	18.688	ug/l	78
93) 1,2,4-Trichlorobenzene	15.104	180	65248	19.104	ug/l	97
94) Hexachlorobutadiene	15.204	225	35106	19.055	ug/l	98
95) Naphthalene	15.334	128	126653	19.439	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	54818	18.594	ug/l	98

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

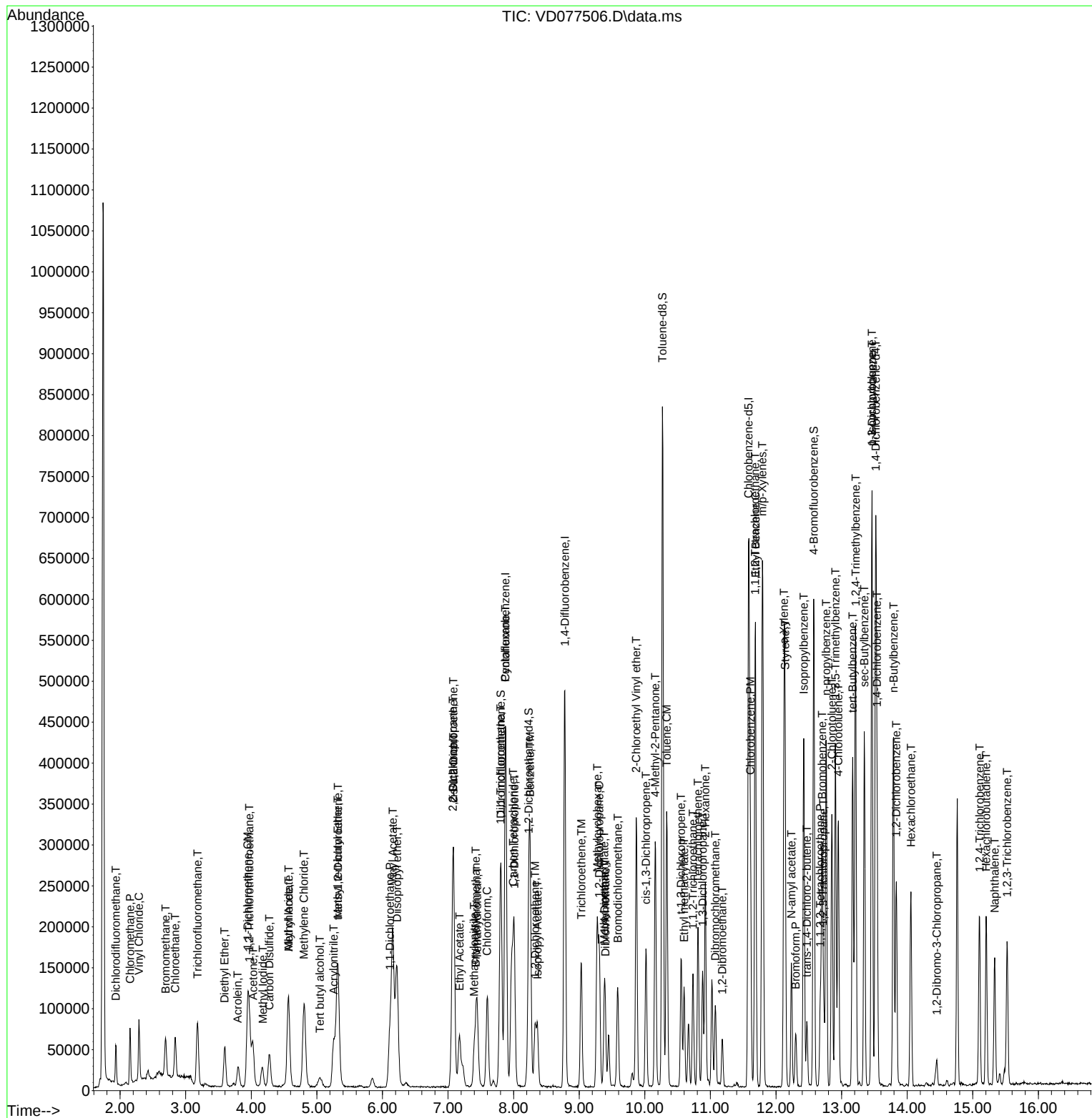
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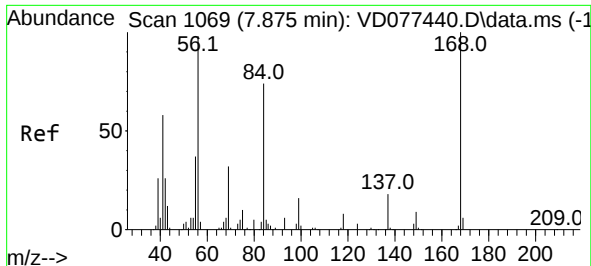
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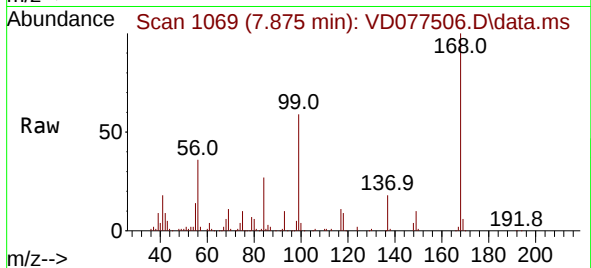
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077506.D
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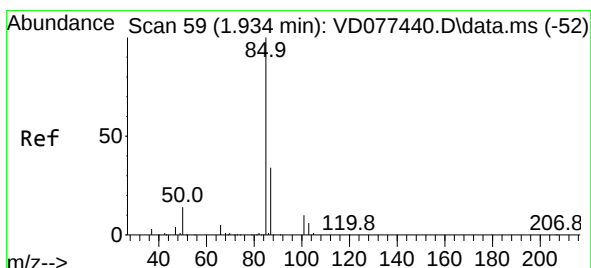
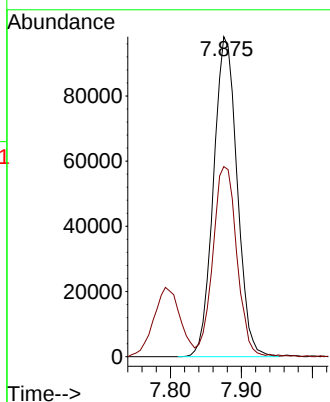
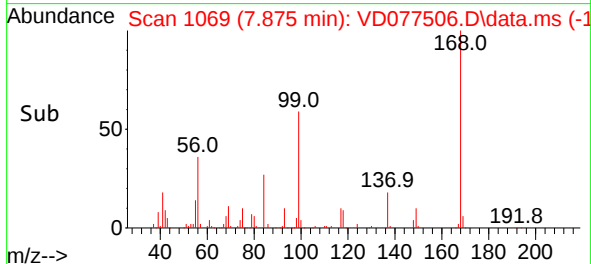
Instrument :
MSVOA_D
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Tgt Ion:168 Resp: 226715
Ion Ratio Lower Upper
168 100
99 58.9 36.7 55.1

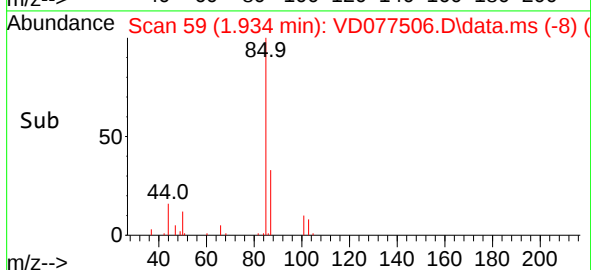
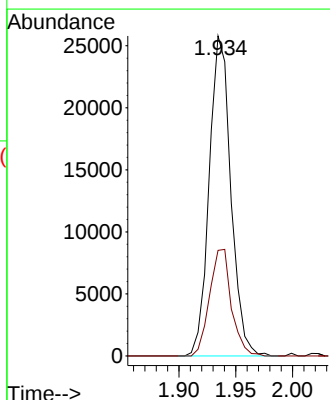
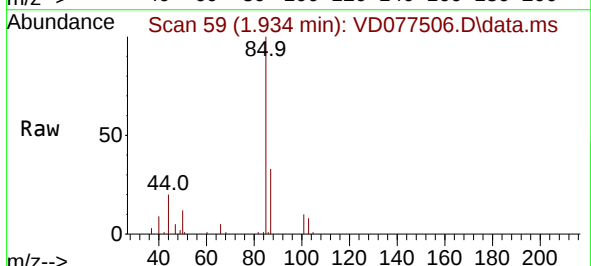
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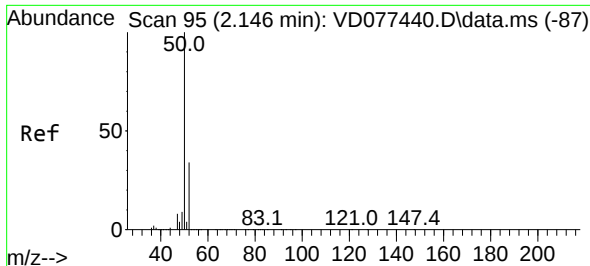
Reviewed By :John Carlone 11/07/2023
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#2
Dichlorodifluoromethane
Concen: 18.707 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

Tgt Ion: 85 Resp: 34197
Ion Ratio Lower Upper
85 100
87 33.0 15.7 47.0





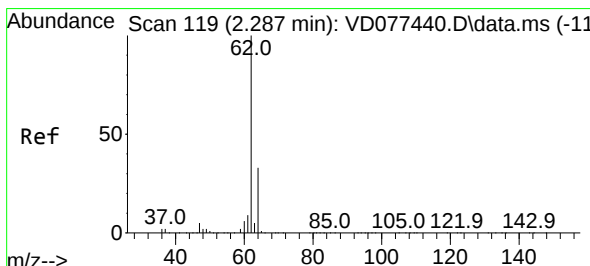
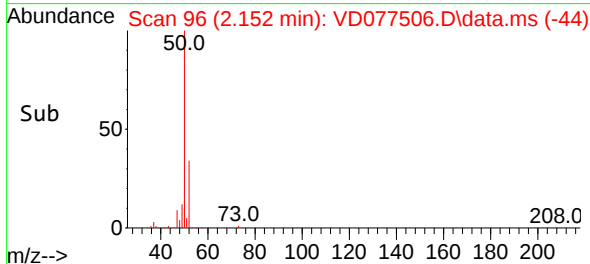
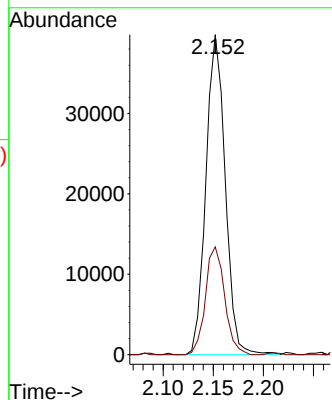
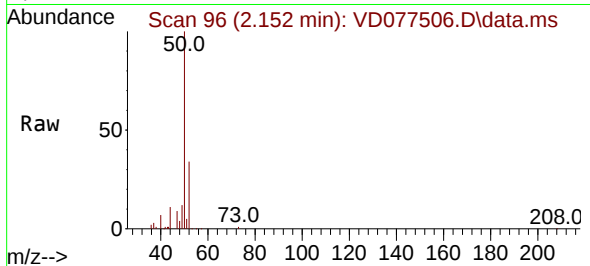
#3
Chloromethane
Concen: 18.388 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

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ClientSampleId :
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Tgt Ion: 50 Resp: 53369
Ion Ratio Lower Upper
50 100
52 33.7 26.6 40.0

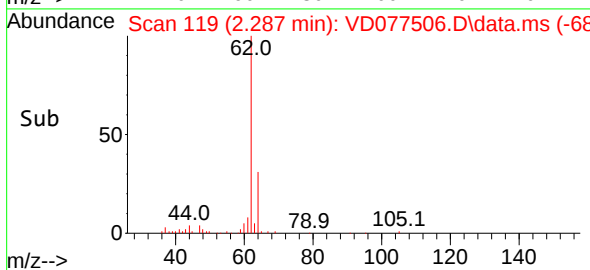
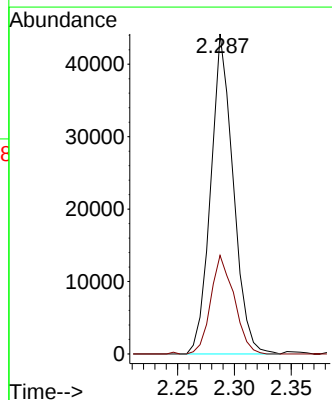
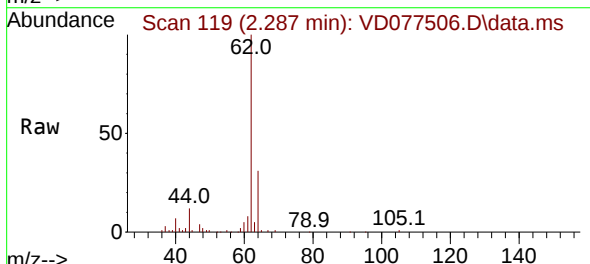
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#4
Vinyl Chloride
Concen: 21.507 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

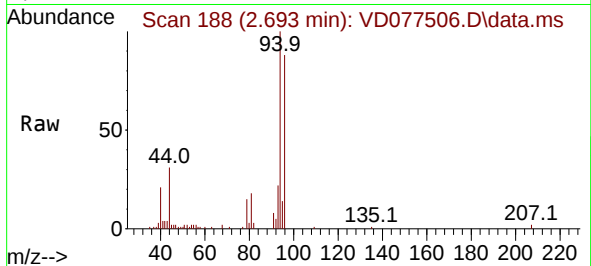
Tgt Ion: 62 Resp: 60868
Ion Ratio Lower Upper
62 100
64 30.8 26.0 39.0





#5
Bromomethane
Concen: 22.936 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

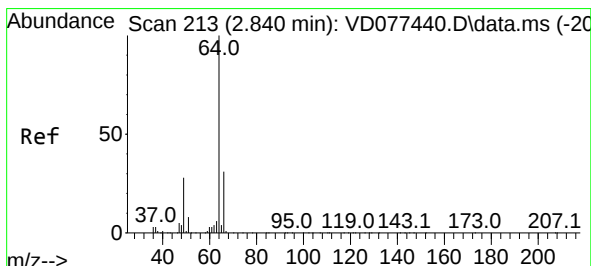
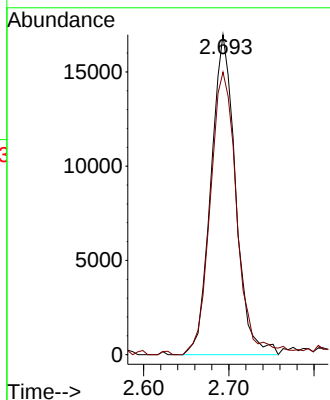
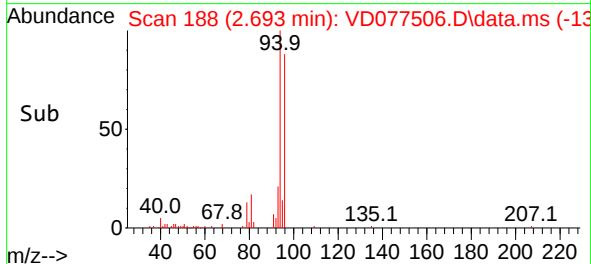
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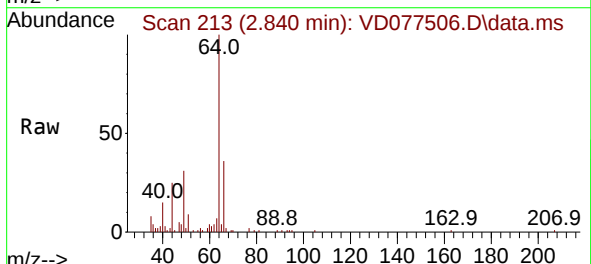
Tgt Ion: 94 Resp: 3401
Ion Ratio Lower Upper
94 100
96 95.5 75.8 113.8

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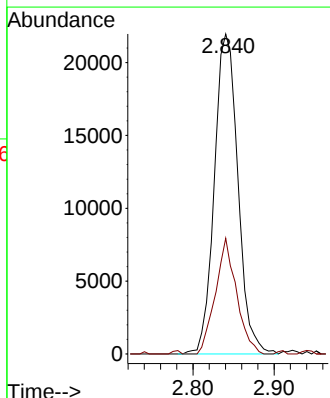
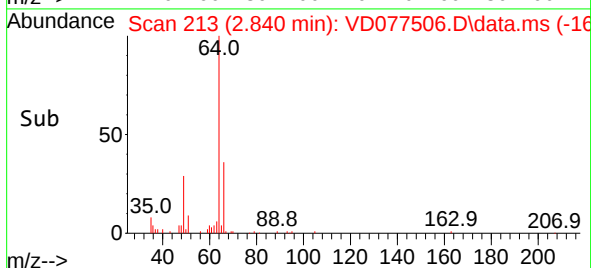
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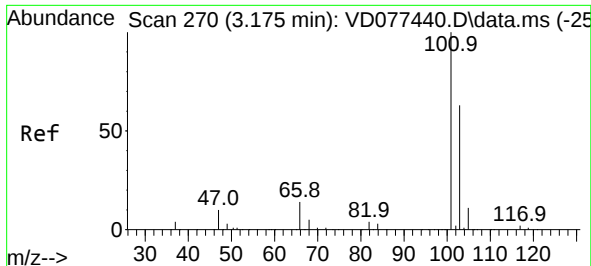


#6
Chloroethane
Concen: 23.236 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34



Tgt Ion: 64 Resp: 44275
Ion Ratio Lower Upper
64 100
66 35.4 25.5 38.3





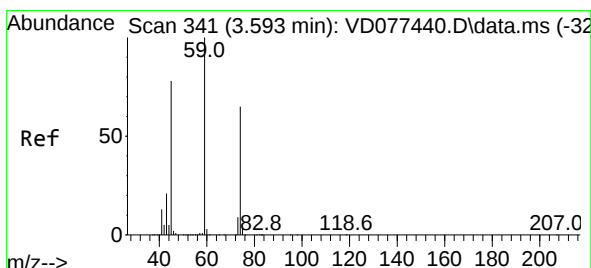
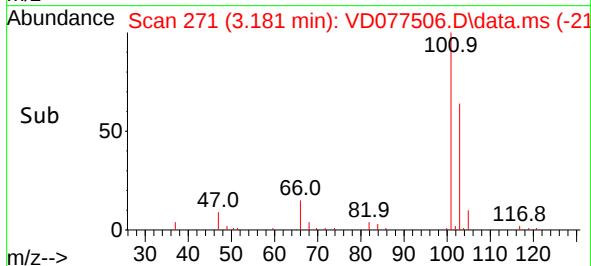
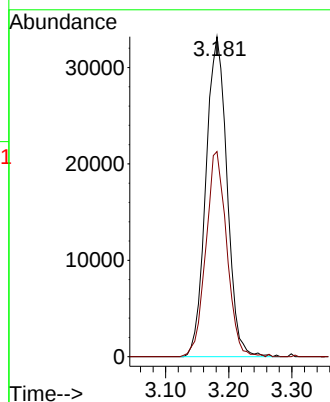
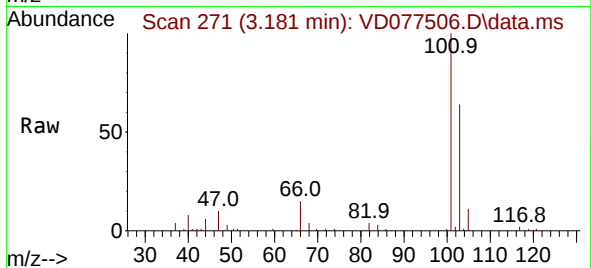
#7
Trichlorofluoromethane
Concen: 19.484 ug/l
RT: 3.181 min Scan# 271
Delta R.T. 0.006 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 7722
Ion Ratio Lower Upper
101 100
103 64.1 52.3 78.5

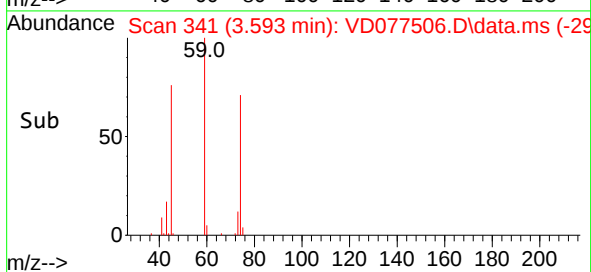
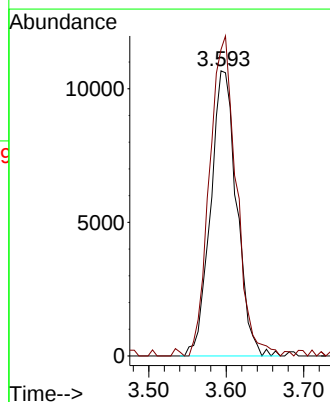
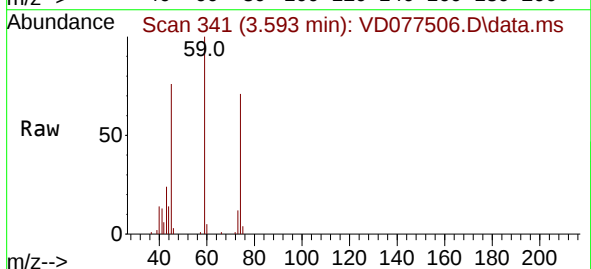
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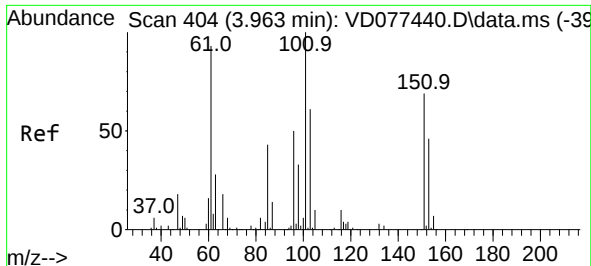
Reviewed By :John Carlone 11/07/2023
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#8
Diethyl Ether
Concen: 17.554 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

Tgt Ion: 74 Resp: 25009
Ion Ratio Lower Upper
74 100
45 115.2 37.5 112.7#





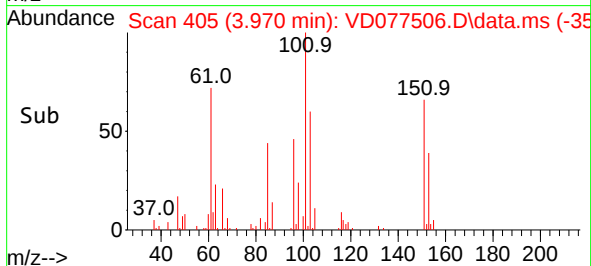
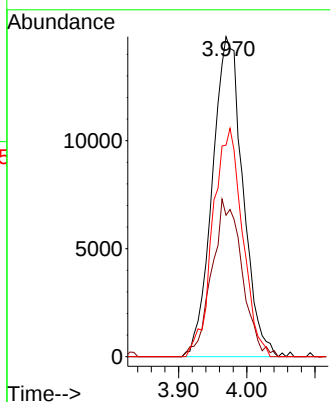
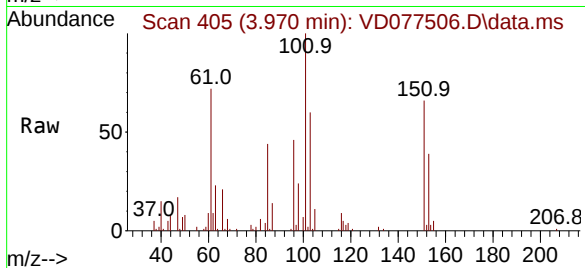
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.280 ug/l
RT: 3.970 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tgt Ion:101 Resp: 46130
Ion Ratio Lower Upper
101 100
85 48.7 33.8 50.6
151 69.3 59.8 89.6

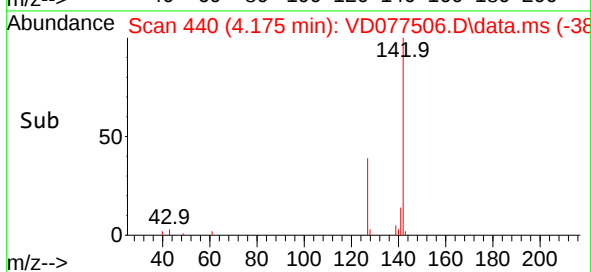
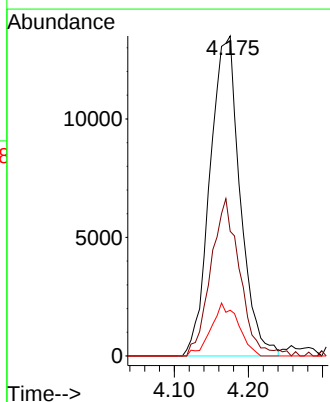
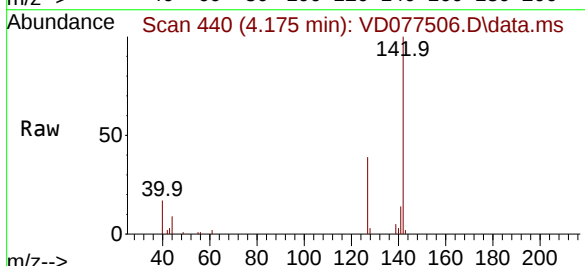
Manual Integrations
APPROVED

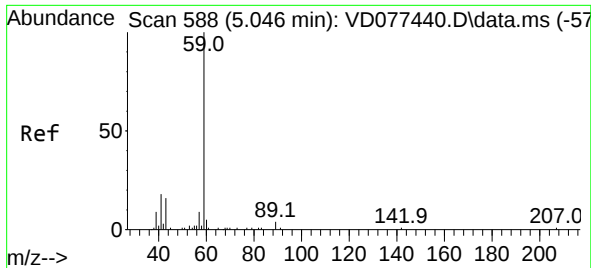
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#10
Methyl Iodide
Concen: 14.961 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.006 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

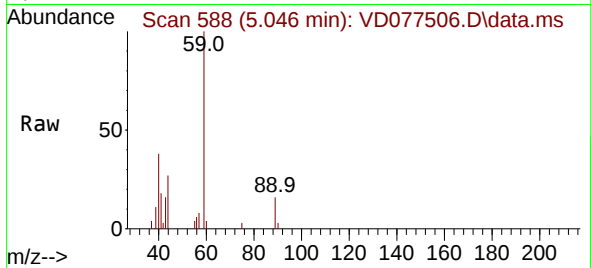
Tgt Ion:142 Resp: 38094
Ion Ratio Lower Upper
142 100
127 47.6 29.4 44.0#
141 15.0 11.1 16.7





#11
Tert butyl alcohol
Concen: 96.221 ug/l
RT: 5.046 min Scan# 588
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

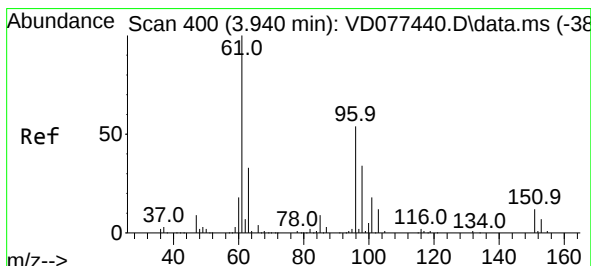
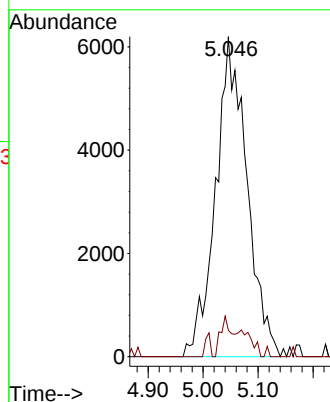
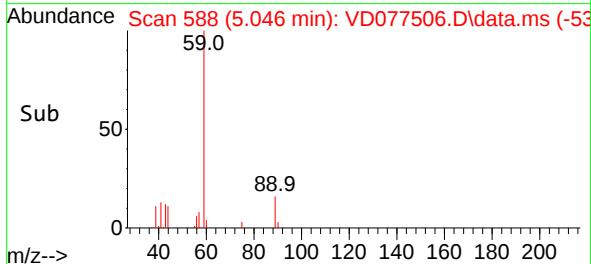
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01



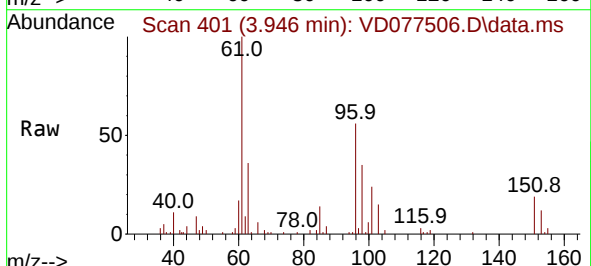
Tgt Ion: 59 Resp: 2443
Ion Ratio Lower Upper
59 100
57 4.5 7.8 11.8

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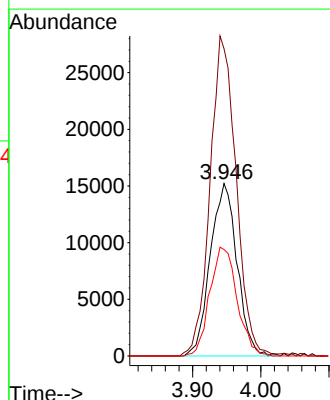
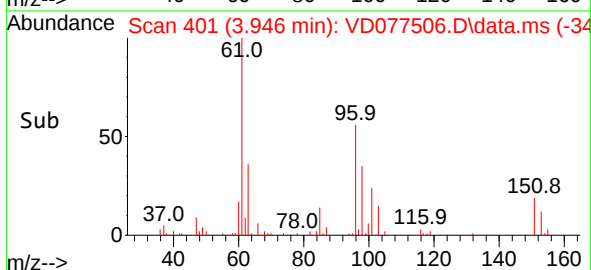
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#12
1,1-Dichloroethene
Concen: 18.396 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34



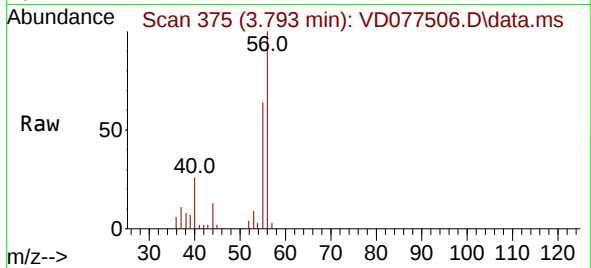
Tgt Ion: 96 Resp: 41670
Ion Ratio Lower Upper
96 100
61 178.1 100.6 150.8#
98 61.7 50.2 75.2





#13
Acrolein
Concen: 92.209 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

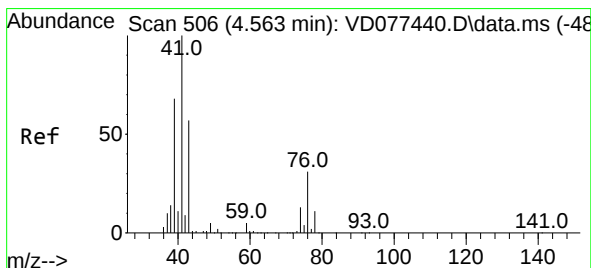
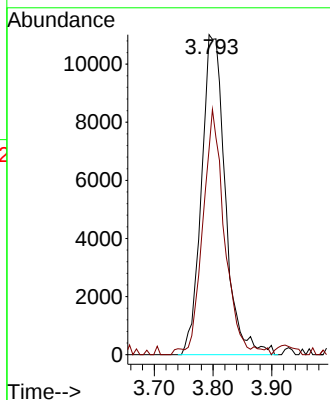
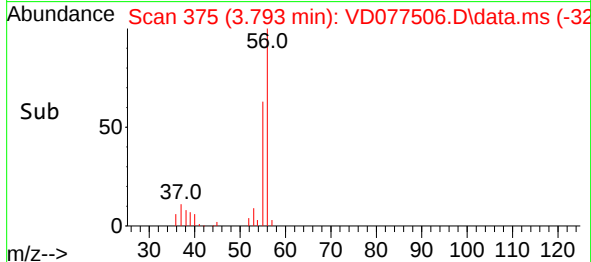
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01



Tgt Ion: 56 Resp: 30879
Ion Ratio Lower Upper
56 100
55 69.4 55.1 82.7

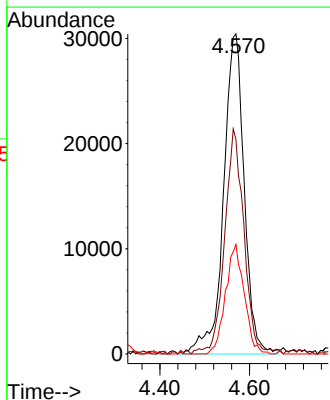
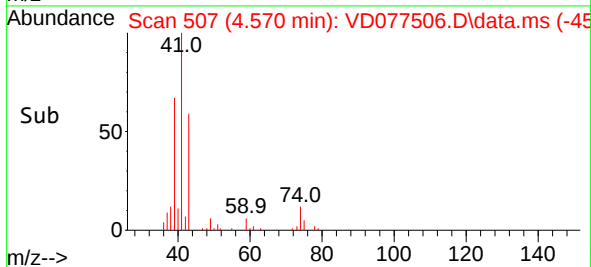
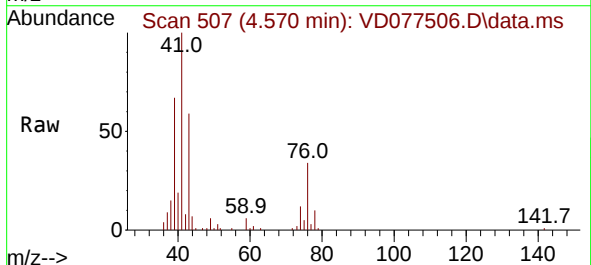
Manual Integrations
APPROVED

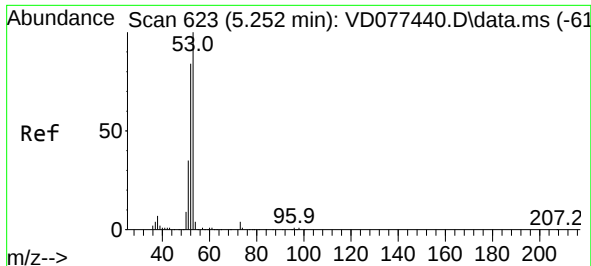
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#14
Allyl chloride
Concen: 17.866 ug/l
RT: 4.570 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

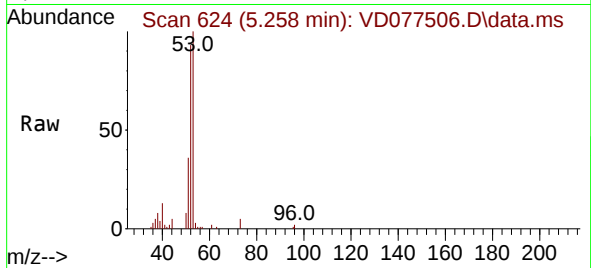
Tgt Ion: 41 Resp: 97631
Ion Ratio Lower Upper
41 100
39 65.4 53.8 80.6
76 31.0 45.8 68.8#





#15
Acrylonitrile
Concen: 94.732 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

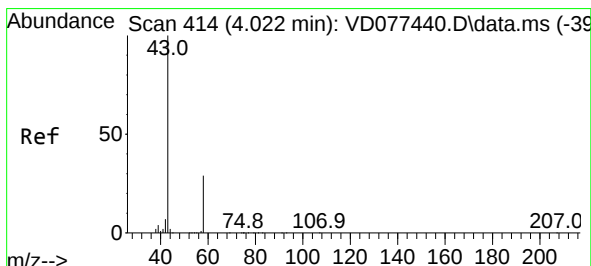
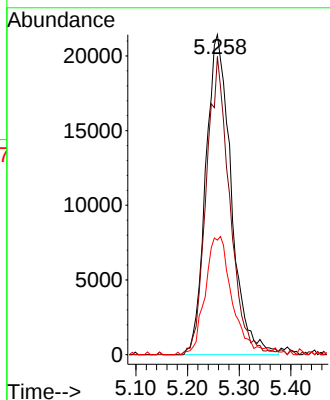
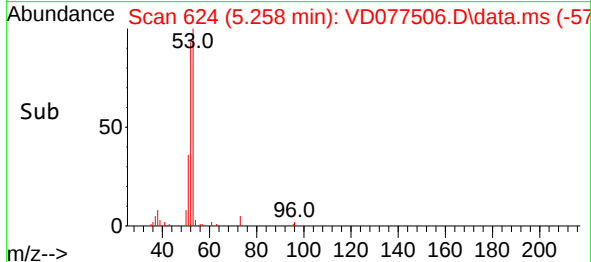
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01



Tgt Ion: 53 Resp: 72958
Ion Ratio Lower Upper
53 100
52 85.4 65.0 97.4
51 39.5 28.3 42.5

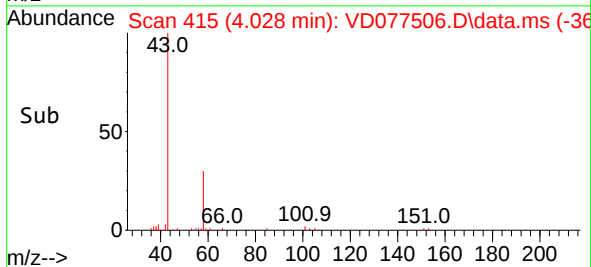
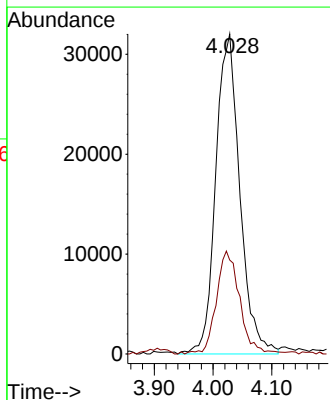
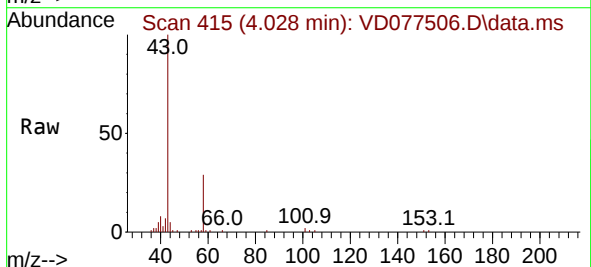
Manual Integrations
APPROVED

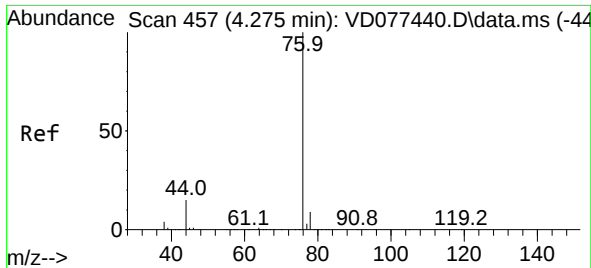
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#16
Acetone
Concen: 107.496 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

Tgt Ion: 43 Resp: 91190
Ion Ratio Lower Upper
43 100
58 29.4 34.7 52.1#





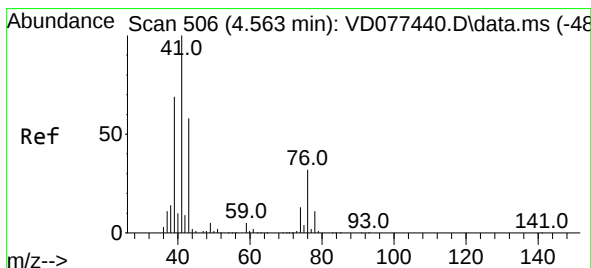
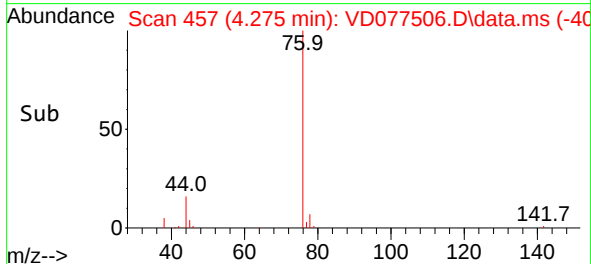
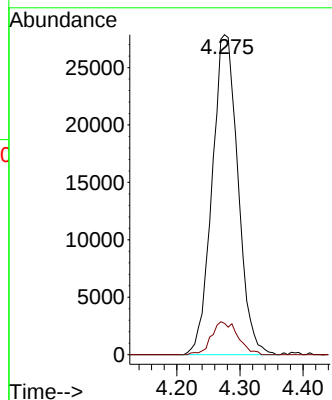
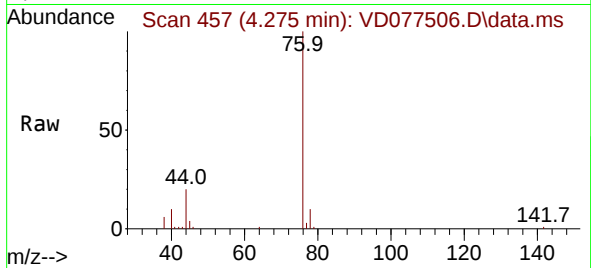
#17
Carbon Disulfide
Concen: 14.234 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tgt Ion: 76 Resp: 79158
Ion Ratio Lower Upper
76 100
78 9.8 6.8 10.2

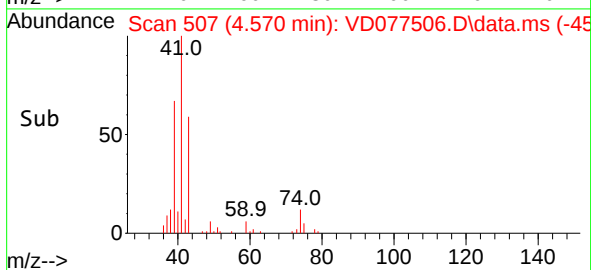
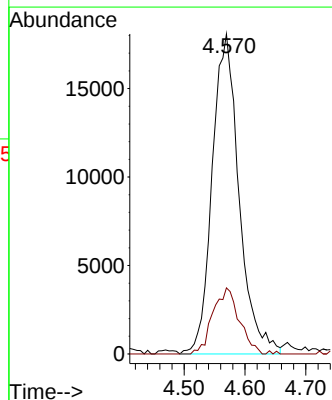
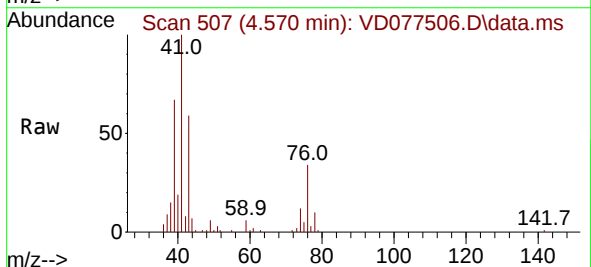
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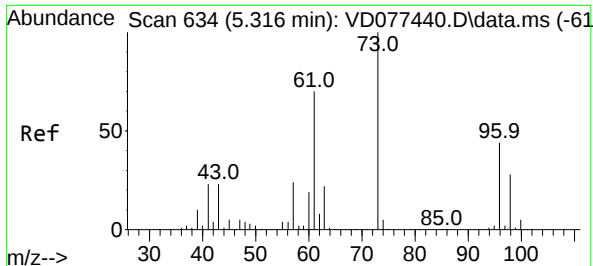
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#18
Methyl Acetate
Concen: 17.910 ug/l
RT: 4.570 min Scan# 507
Delta R.T. 0.007 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

Tgt Ion: 43 Resp: 55419
Ion Ratio Lower Upper
43 100
74 20.3 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 18.157 ug/l

RT: 5.317 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077506.D

Acq: 06 Nov 2023 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

Tgt Ion: 73 Resp: 12910

Ion Ratio Lower Upper

73 100

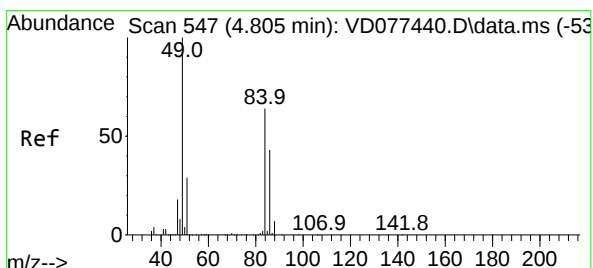
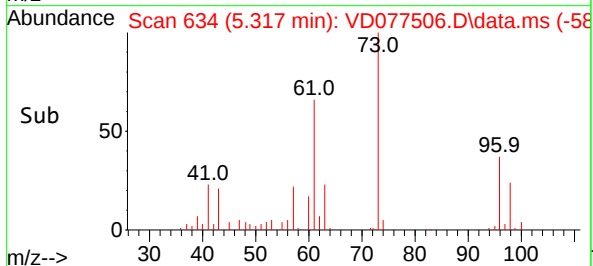
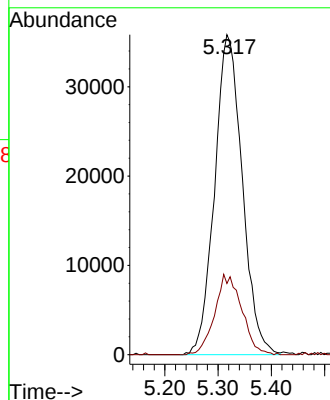
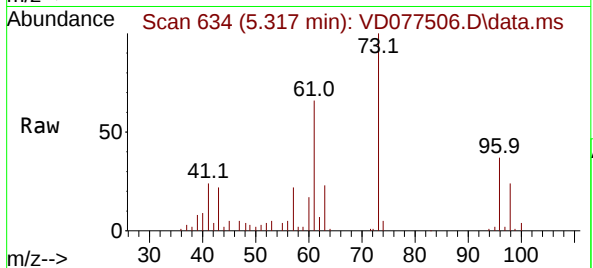
57 22.3 16.6 25.0

Manual Integrations

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Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#20

Methylene Chloride

Concen: 21.417 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD077506.D

Acq: 06 Nov 2023 11:34

Tgt Ion: 84 Resp: 72710

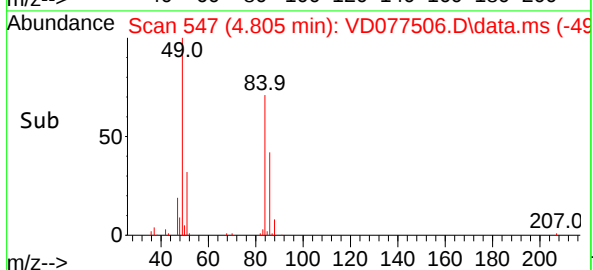
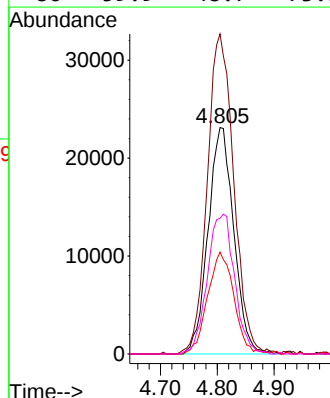
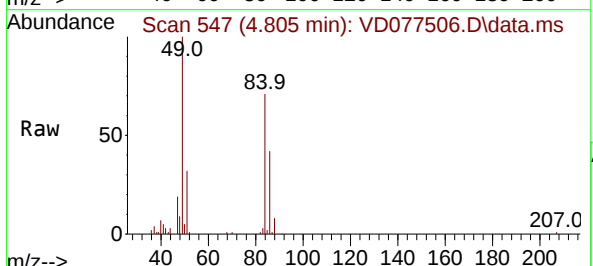
Ion Ratio Lower Upper

84 100

49 141.3 71.4 107.2#

51 45.0 24.5 36.7#

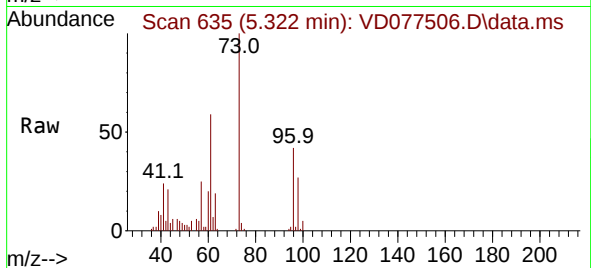
86 59.9 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 17.583 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

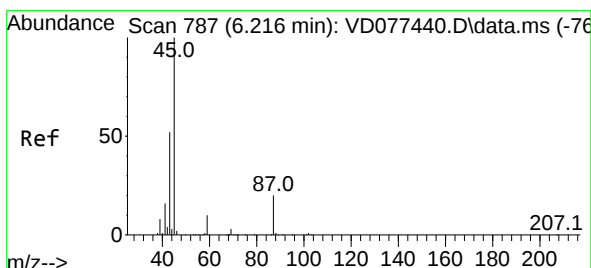
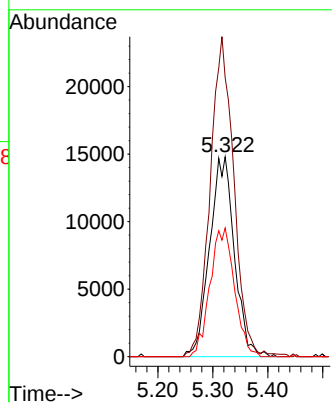
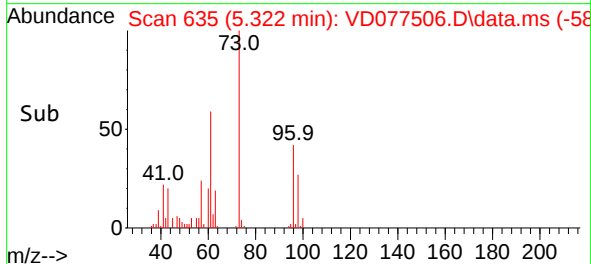
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01



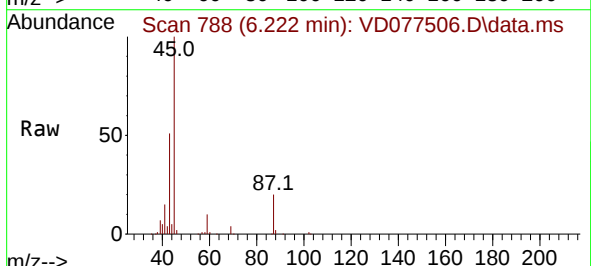
Tgt Ion: 96 Resp: 46380
Ion Ratio Lower Upper
96 100
61 139.6 89.3 133.9#
98 64.3 48.6 73.0

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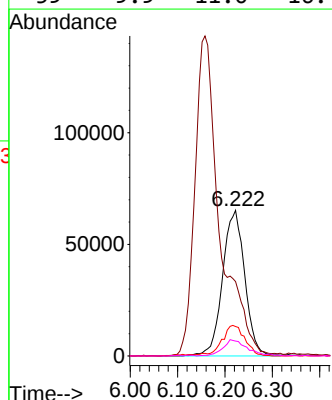
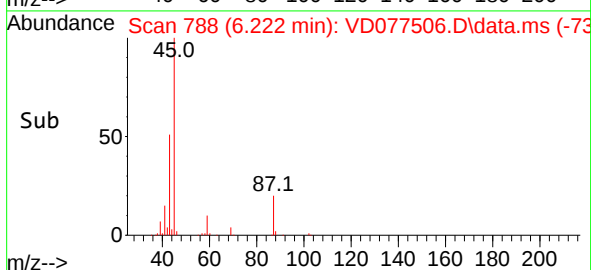
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

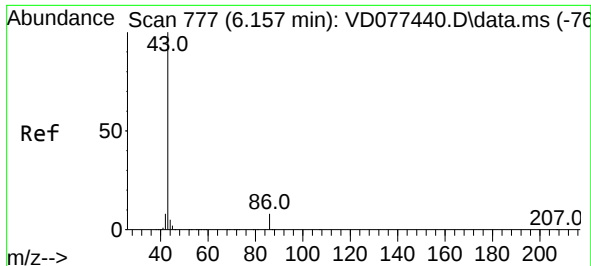


#22
Diisopropyl ether
Concen: 18.312 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34



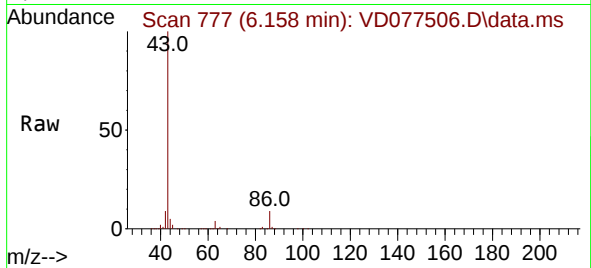
Tgt Ion: 45 Resp: 212681
Ion Ratio Lower Upper
45 100
43 49.3 40.0 60.0
87 20.2 28.2 42.4#
59 9.9 11.0 16.4#





#23
 Vinyl Acetate
 Concen: 90.912 ug/l m
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077506.D
 Acq: 06 Nov 2023 11:34

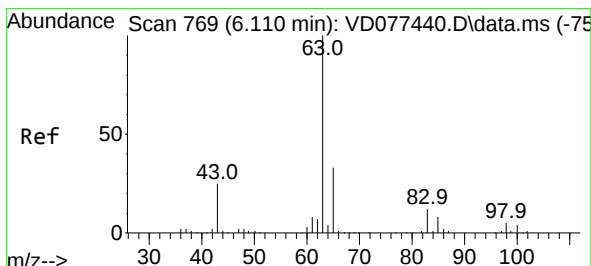
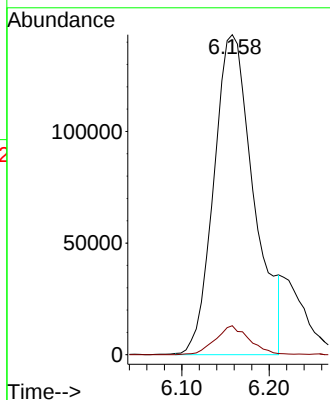
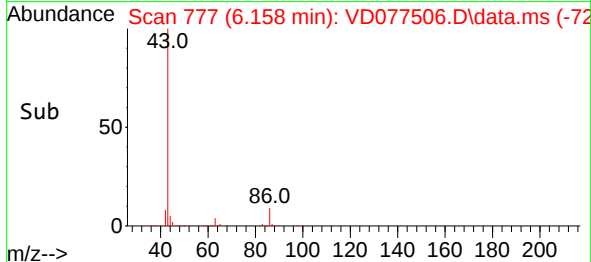
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBS01



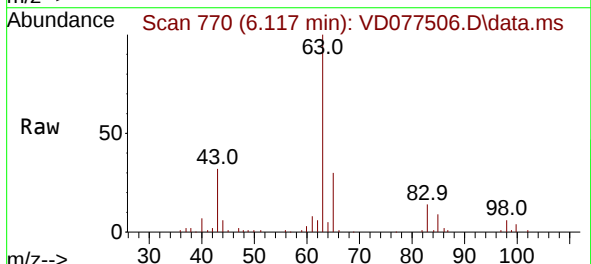
Tgt Ion: 43 Resp: 455515
 Ion Ratio Lower Upper
 43 100
 86 9.0 12.5 18.75

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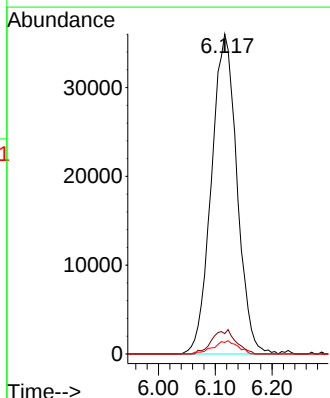
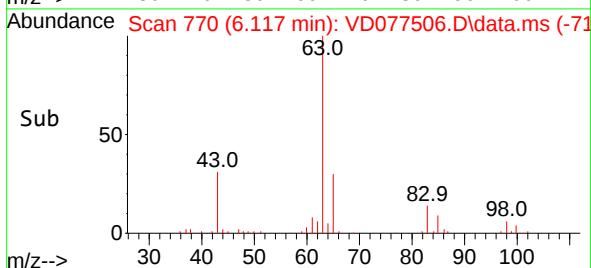
Reviewed By :John Carlone 11/07/2023
 Supervised By :Mahesh Dadoda 11/07/2023



#24
 1,1-Dichloroethane
 Concen: 18.711 ug/l
 RT: 6.117 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077506.D
 Acq: 06 Nov 2023 11:34



Tgt Ion: 63 Resp: 112758
 Ion Ratio Lower Upper
 63 100
 98 6.3 4.5 13.7
 100 3.6 2.5 7.5





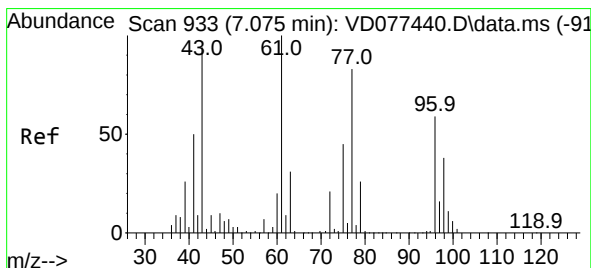
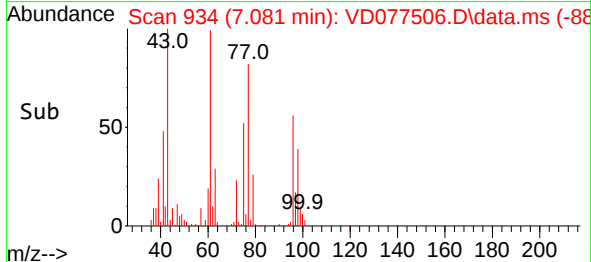
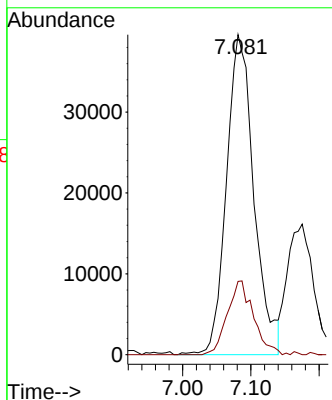
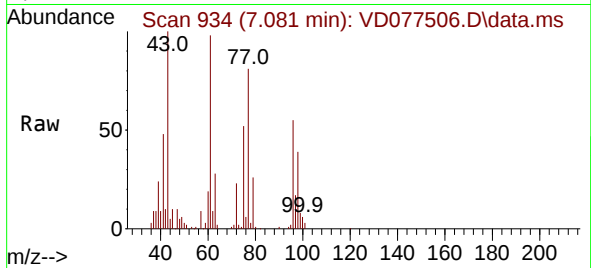
#25
2-Butanone
Concen: 97.905 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tgt Ion: 43 Resp: 11078
Ion Ratio Lower Upper
43 100
72 22.9 30.7 46.1

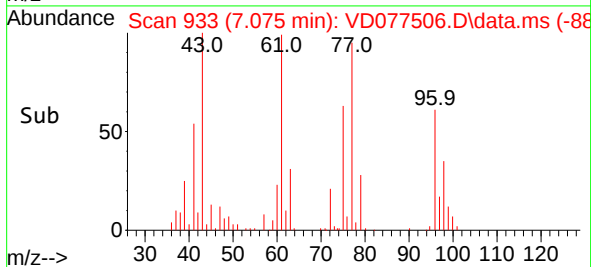
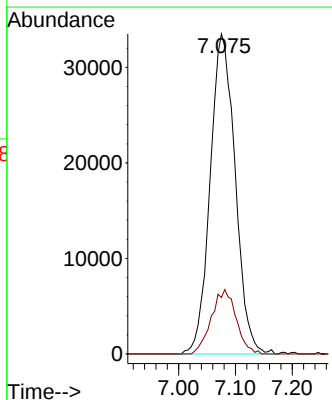
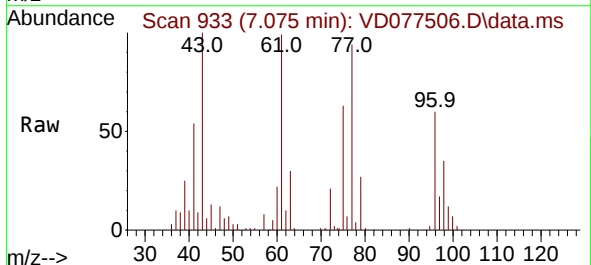
Manual Integrations
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Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#26
2,2-Dichloropropane
Concen: 19.181 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

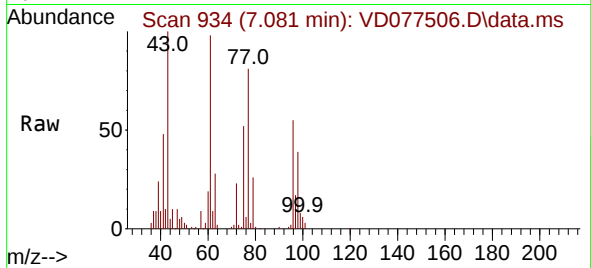
Tgt Ion: 77 Resp: 102440
Ion Ratio Lower Upper
77 100
97 19.9 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.394 ug/l
 RT: 7.081 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VD077506.D
 Acq: 06 Nov 2023 11:34

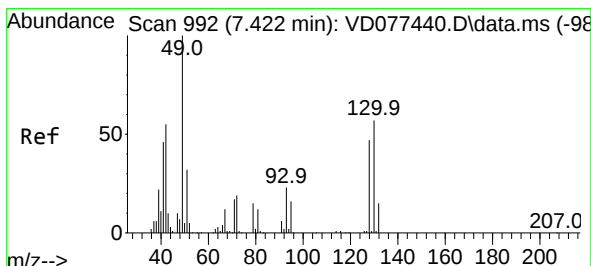
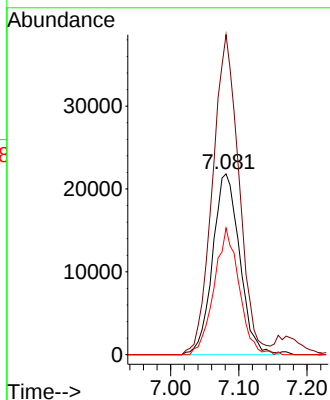
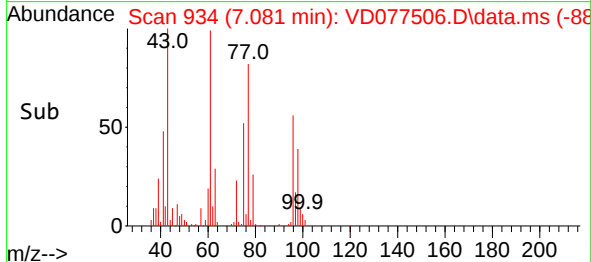
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBS01



Tgt Ion: 96 Resp: 6011
 Ion Ratio Lower Upper
 96 100
 61 173.7 0.0 239.2
 98 64.9 0.0 128.6

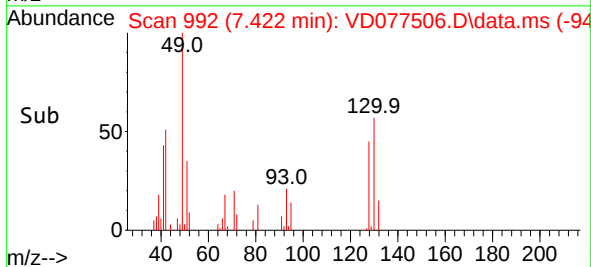
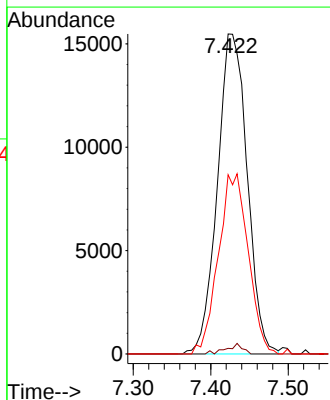
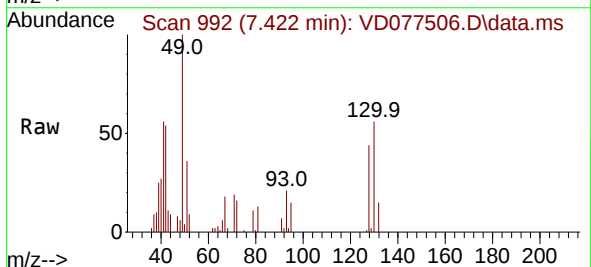
Manual Integrations
 APPROVED

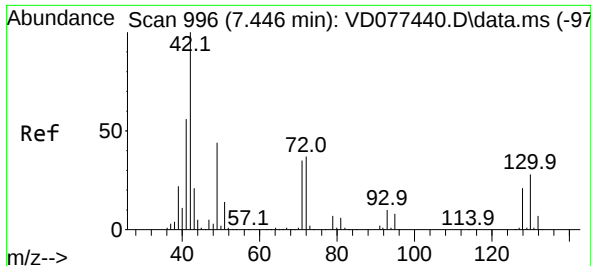
Reviewed By :John Carlone 11/07/2023
 Supervised By :Mahesh Dadoda 11/07/2023



#28
 Bromochloromethane
 Concen: 16.638 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD077506.D
 Acq: 06 Nov 2023 11:34

Tgt Ion: 49 Resp: 41449
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 6.0
 130 56.5 83.2 124.8#





#29

Tetrahydrofuran

Concen: 90.201 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD077506.D

Acq: 06 Nov 2023 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

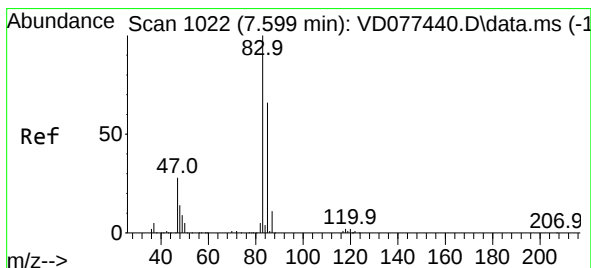
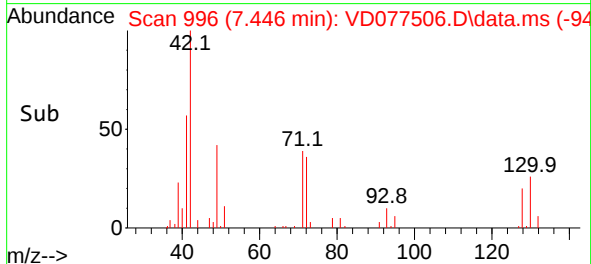
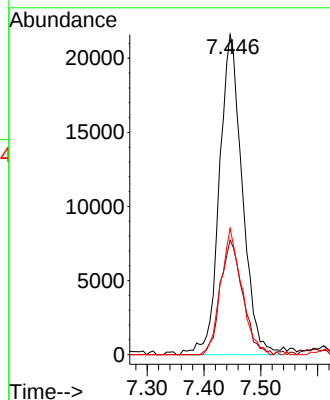
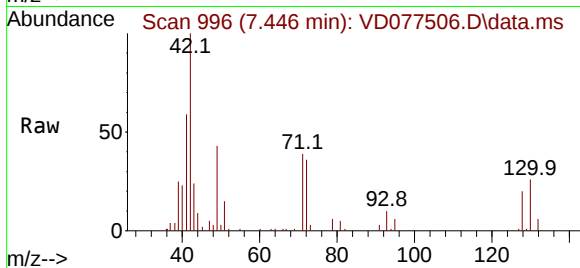
Tgt Ion: 42 Resp: 6053
 Ion Ratio Lower Upper
 42 100
 72 34.9 46.5 69.7
 71 36.1 44.5 66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#30

Chloroform

Concen: 18.882 ug/l

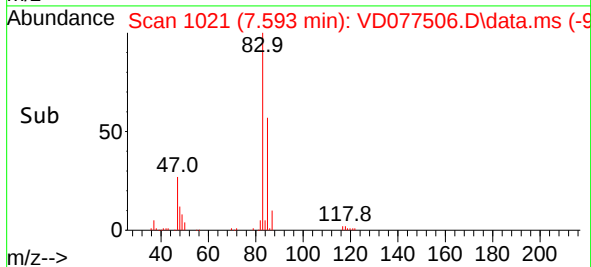
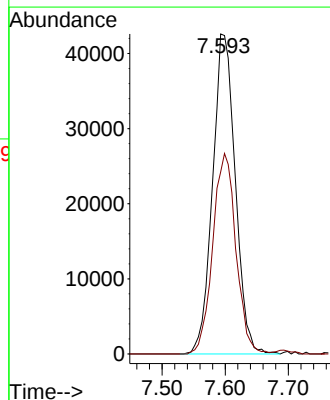
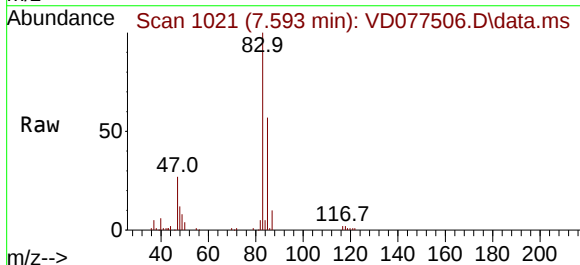
RT: 7.593 min Scan# 1021

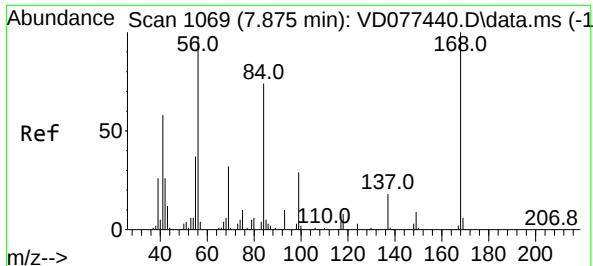
Delta R.T. -0.006 min

Lab File: VD077506.D

Acq: 06 Nov 2023 11:34

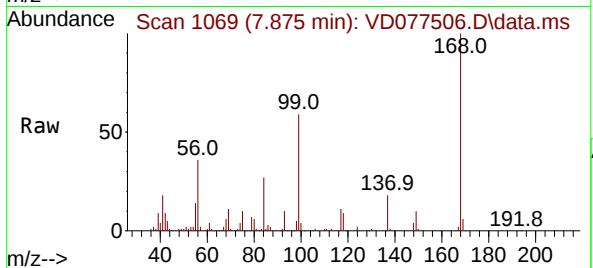
Tgt Ion: 83 Resp: 106246
 Ion Ratio Lower Upper
 83 100
 85 56.9 53.4 80.2





#31
Cyclohexane
Concen: 17.276 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

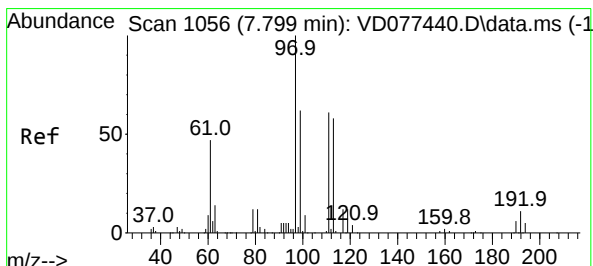
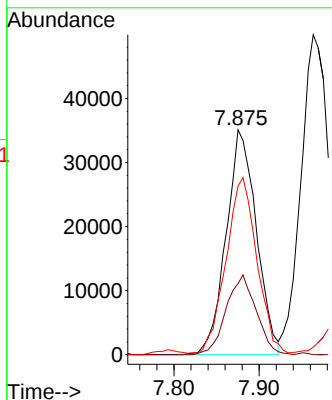
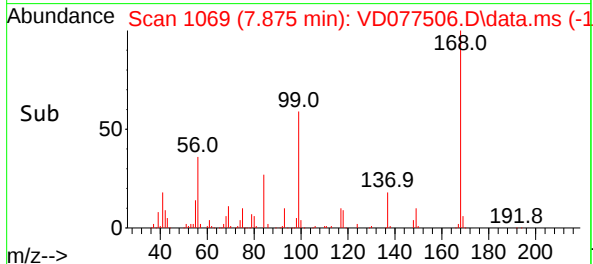
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01



Tgt Ion: 56 Resp: 86580
Ion Ratio Lower Upper
56 100
69 31.6 28.6 43.0
84 73.7 84.8 127.2

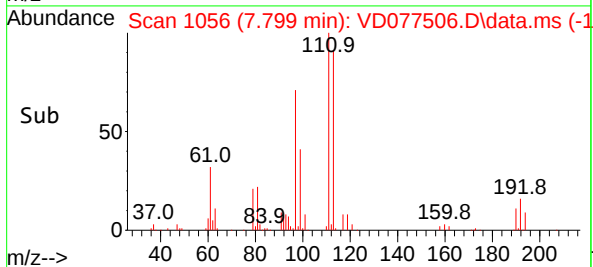
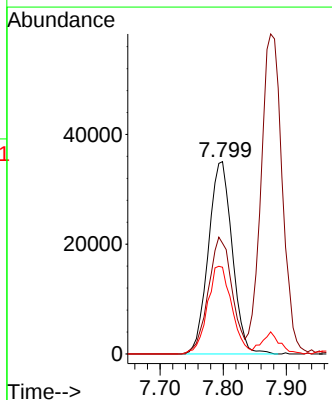
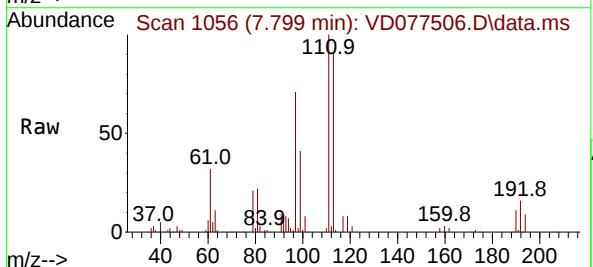
Manual Integrations
APPROVED

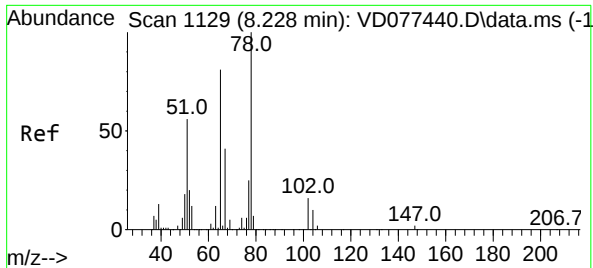
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#32
1,1,1-Trichloroethane
Concen: 19.799 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

Tgt Ion: 97 Resp: 91787
Ion Ratio Lower Upper
97 100
99 60.5 52.0 78.0
61 46.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 47.032 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077506.D

Acq: 06 Nov 2023 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

Tgt Ion: 65 Resp: 15077

Ion Ratio Lower Upper

65 100

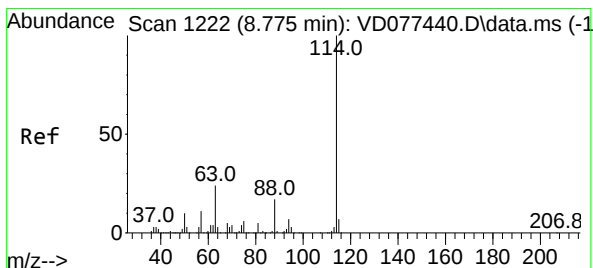
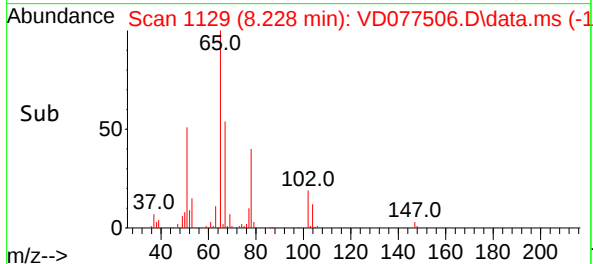
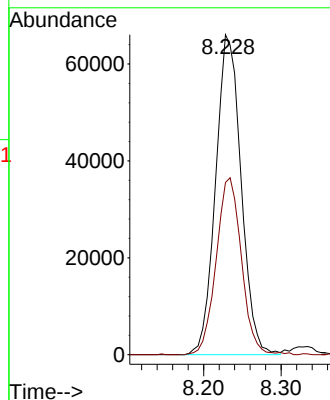
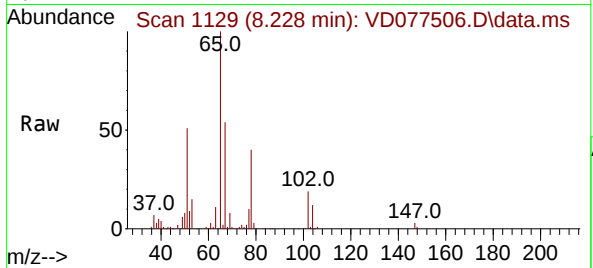
67 54.9 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077506.D

Acq: 06 Nov 2023 11:34

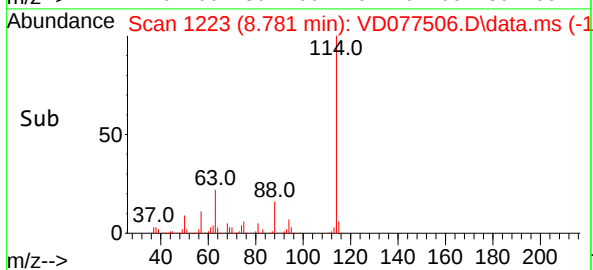
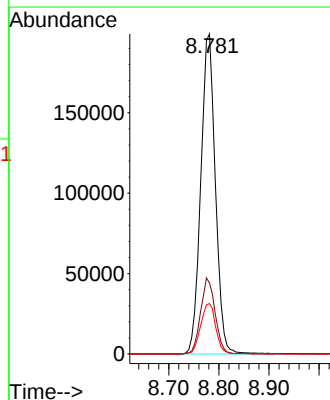
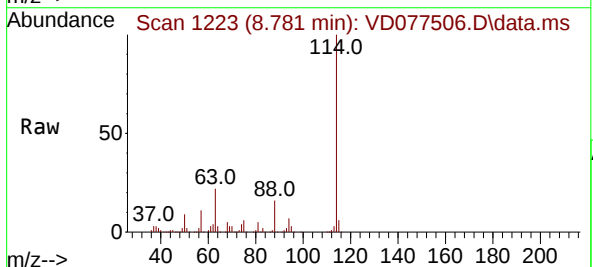
Tgt Ion:114 Resp: 402805

Ion Ratio Lower Upper

114 100

63 22.2 0.0 33.4

88 15.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 48.181 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077506.D

Acq: 06 Nov 2023 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

Tgt Ion: 113 Resp: 13413

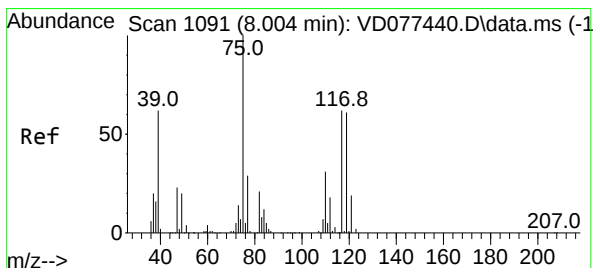
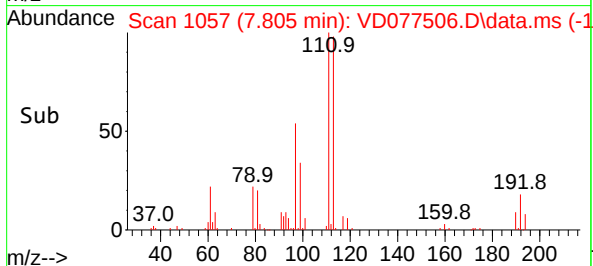
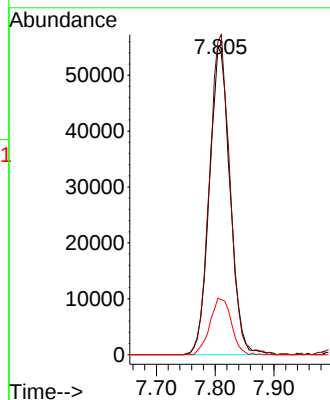
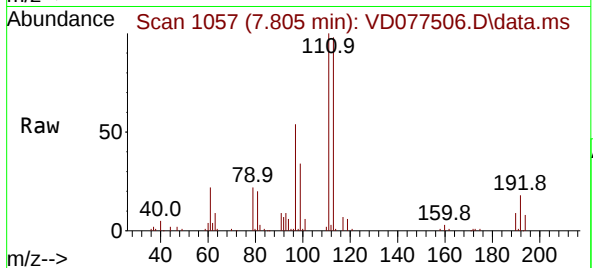
Ion	Ratio	Lower	Upper
113	100		
111	103.3	84.7	127.1
192	19.0	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#36

1,1-Dichloropropene

Concen: 18.023 ug/l

RT: 8.011 min Scan# 1092

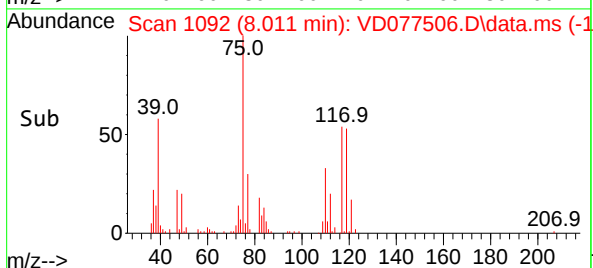
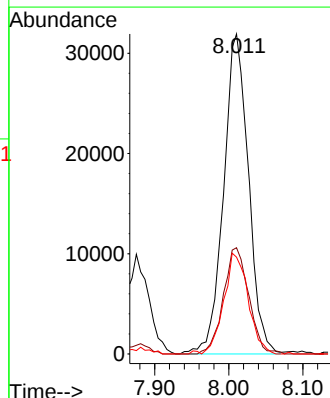
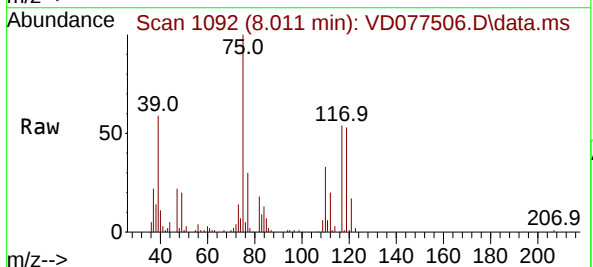
Delta R.T. 0.006 min

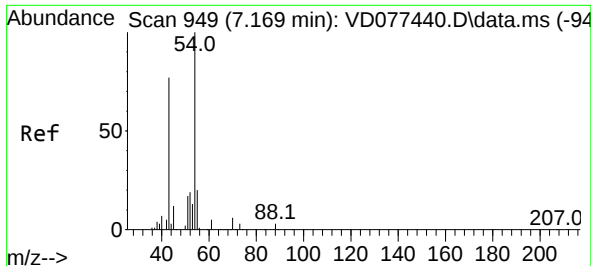
Lab File: VD077506.D

Acq: 06 Nov 2023 11:34

Tgt Ion: 75 Resp: 74396

Ion	Ratio	Lower	Upper
75	100		
110	33.8	19.9	59.6
77	31.1	24.7	37.1





#37

Ethyl Acetate

Concen: 18.362 ug/l

RT: 7.175 min Scan# 949

Delta R.T. 0.006 min

Lab File: VD077506.D

Acq: 06 Nov 2023 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

Tgt Ion: 43 Resp: 4349

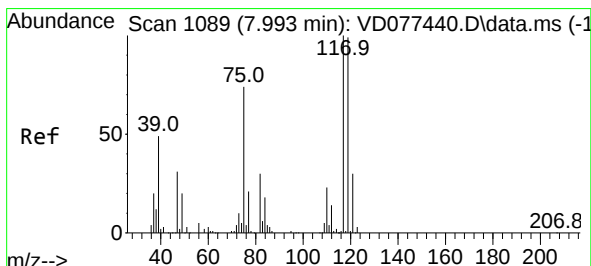
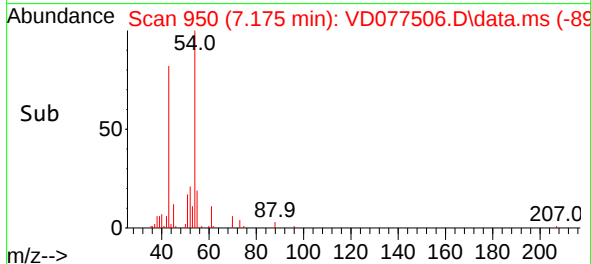
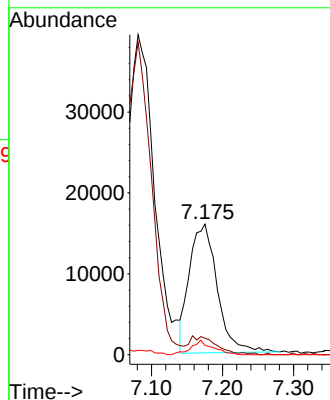
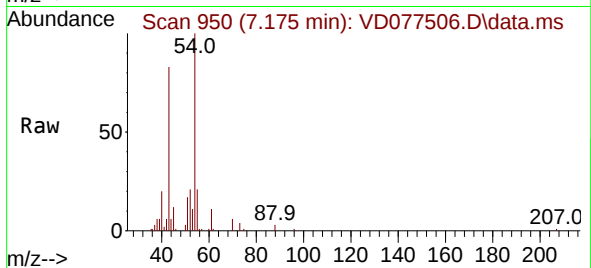
Ion	Ratio	Lower	Upper
43	100		
61	14.0	14.9	22.3
70	8.6	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#38

Carbon Tetrachloride

Concen: 19.288 ug/l

RT: 7.993 min Scan# 1089

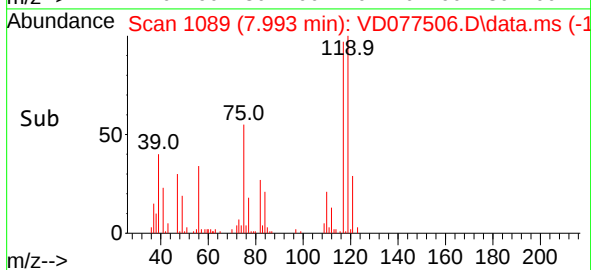
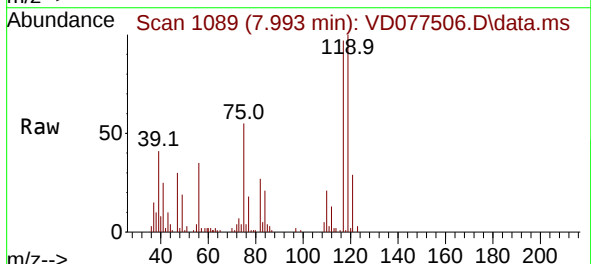
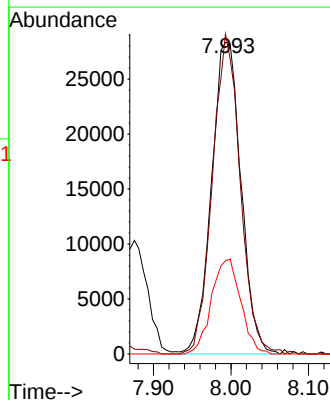
Delta R.T. 0.000 min

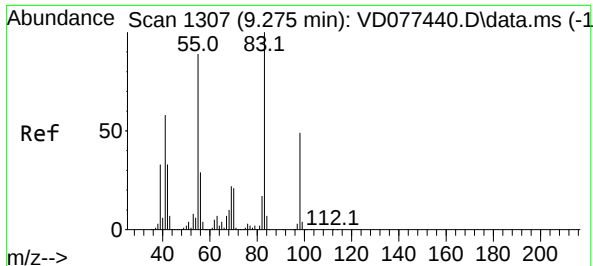
Lab File: VD077506.D

Acq: 06 Nov 2023 11:34

Tgt Ion:117 Resp: 75025

Ion	Ratio	Lower	Upper
117	100		
119	102.7	78.0	117.0
121	30.0	24.2	36.2





#39

Methylcyclohexane

Concen: 17.025 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077506.D

Acq: 06 Nov 2023 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

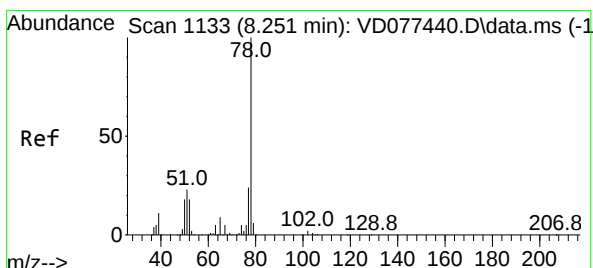
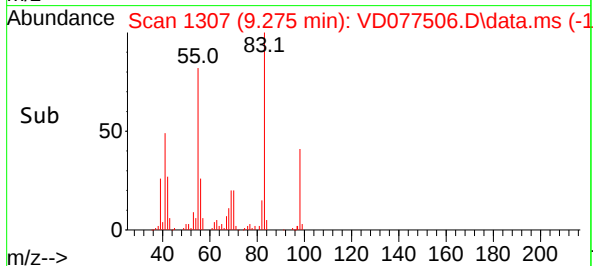
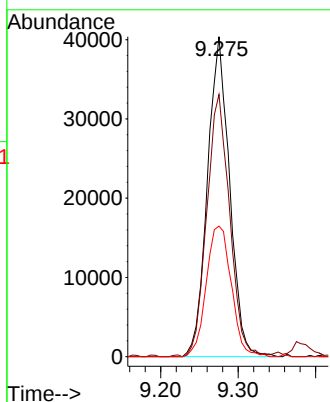
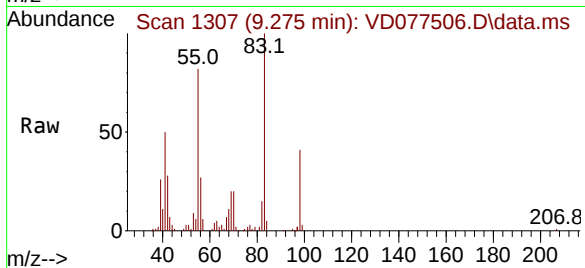
Tgt Ion:	83	Resp:	80185
Ion Ratio	Lower	Upper	
83	100		
55	81.4	49.4	74.0
98	40.8	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#40

Benzene

Concen: 18.625 ug/l

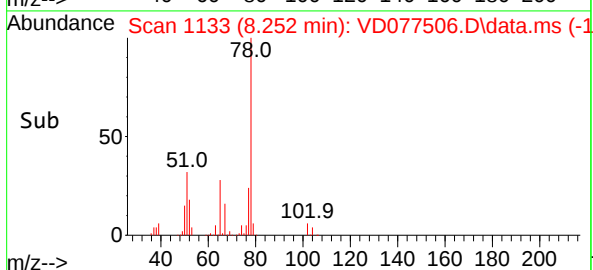
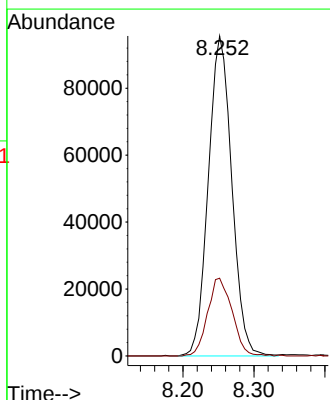
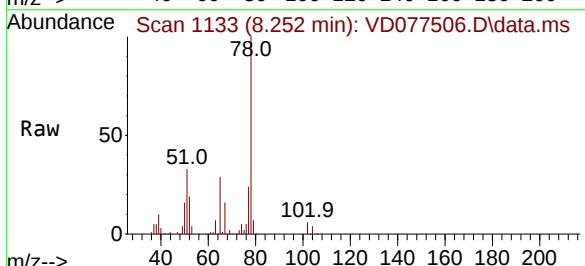
RT: 8.252 min Scan# 1133

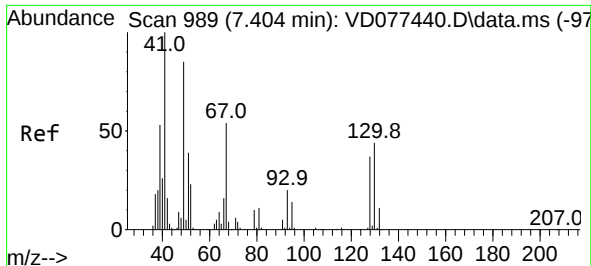
Delta R.T. 0.000 min

Lab File: VD077506.D

Acq: 06 Nov 2023 11:34

Tgt Ion:	78	Resp:	219226
Ion Ratio	Lower	Upper	
78	100		
77	24.3	19.4	29.0





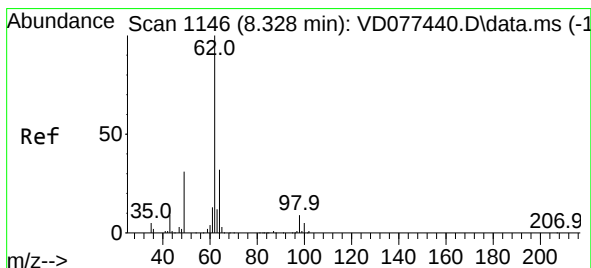
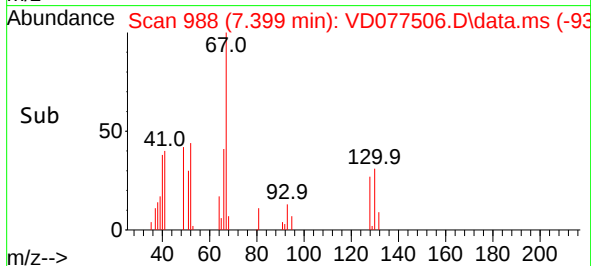
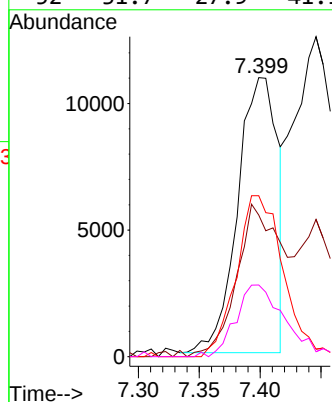
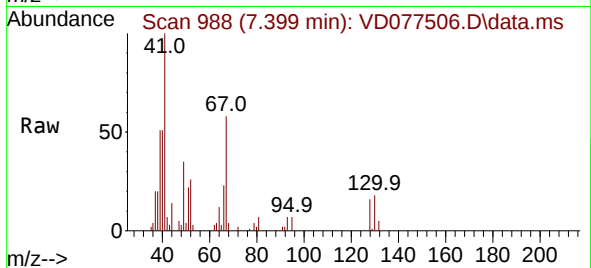
#41
Methacrylonitrile
Concen: 16.403 ug/l
RT: 7.399 min Scan# 989
Delta R.T. -0.006 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tgt Ion: 41 Resp: 2486
Ion Ratio Lower Upper
41 100
39 60.0 34.0 51.0
67 67.9 77.0 115.4
52 31.7 27.9 41.9

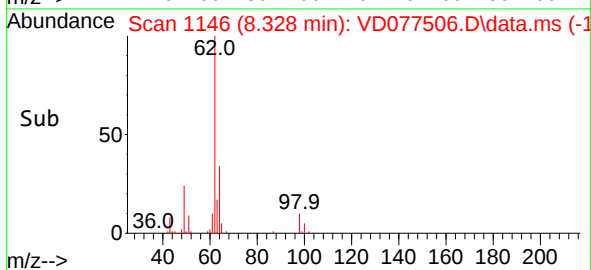
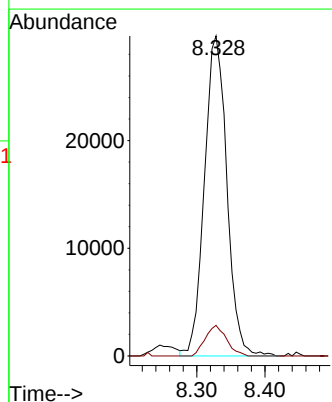
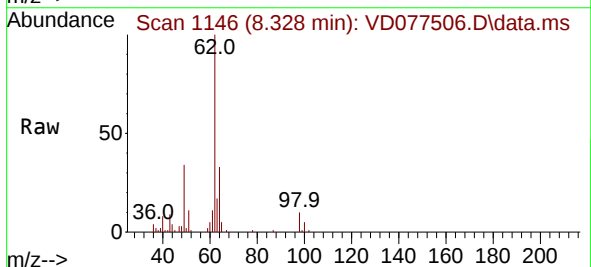
Manual Integrations
APPROVED

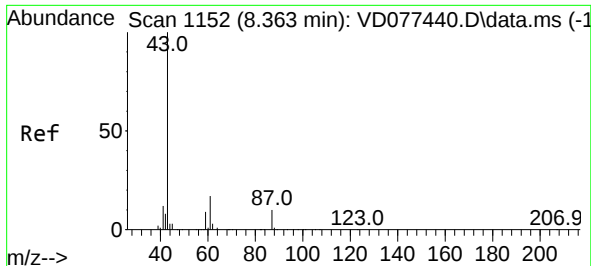
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#42
1,2-Dichloroethane
Concen: 18.258 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

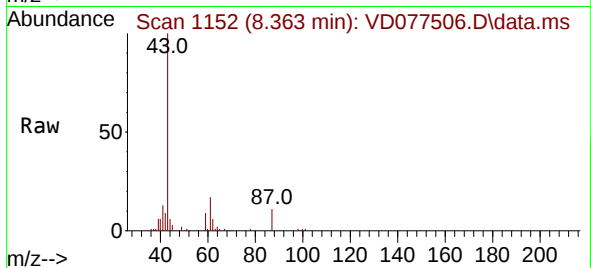
Tgt Ion: 62 Resp: 68068
Ion Ratio Lower Upper
62 100
98 9.1 0.0 25.4





#43
Isopropyl Acetate
Concen: 18.208 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

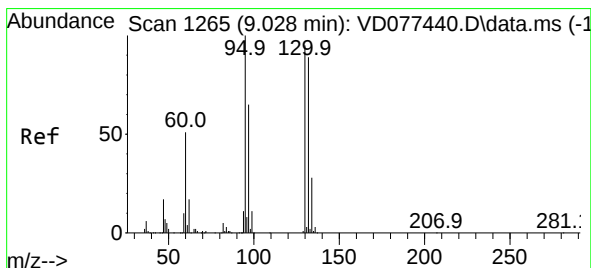
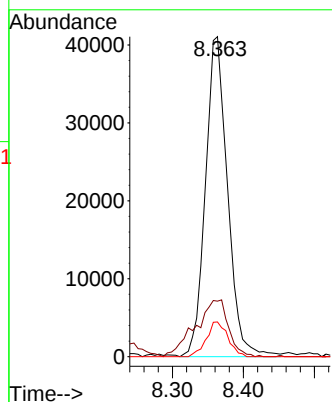
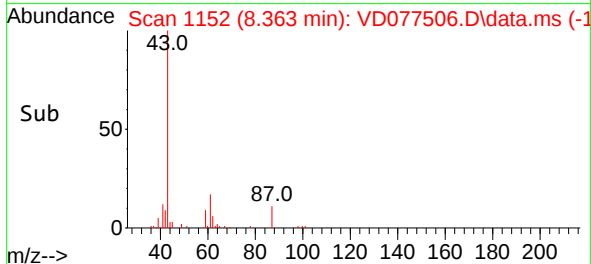
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01



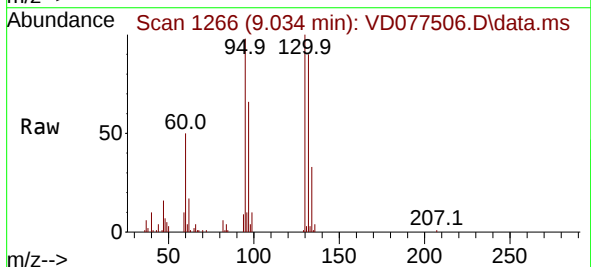
Tgt Ion: 43 Resp: 8901
Ion Ratio Lower Upper
43 100
61 26.5 31.4 47.0
87 10.5 14.9 22.3

Manual Integrations
APPROVED

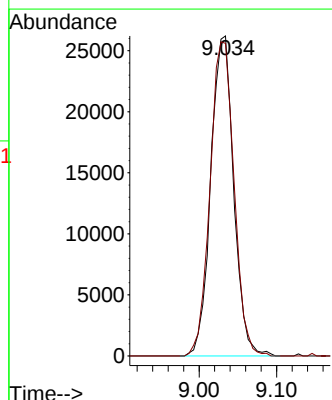
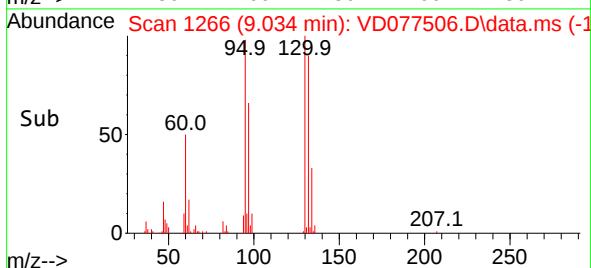
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

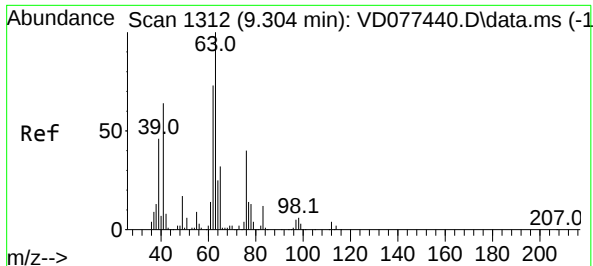


#44
Trichloroethene
Concen: 18.674 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34



Tgt Ion:130 Resp: 53840
Ion Ratio Lower Upper
130 100
95 97.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 18.726 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077506.D

Acq: 06 Nov 2023 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

Tgt Ion: 63 Resp: 6489

Ion Ratio Lower Upper

63 100

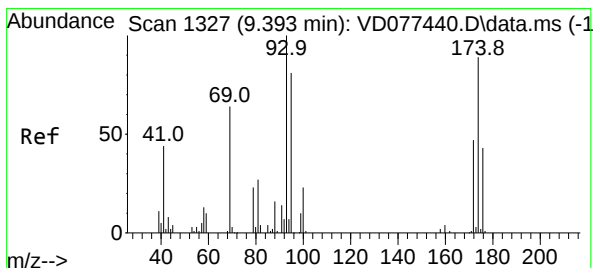
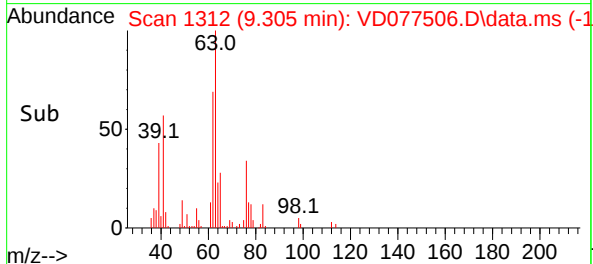
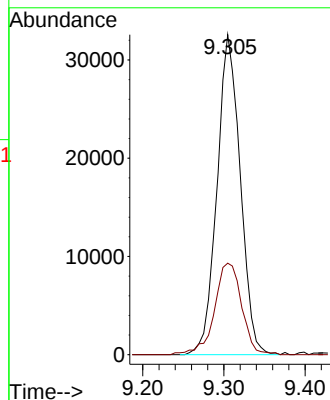
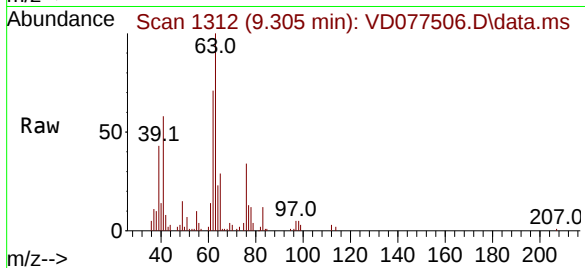
65 28.6 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#46

Dibromomethane

Concen: 17.269 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD077506.D

Acq: 06 Nov 2023 11:34

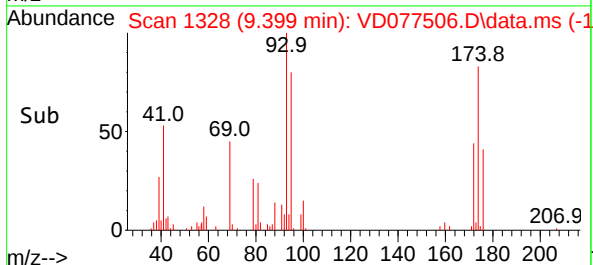
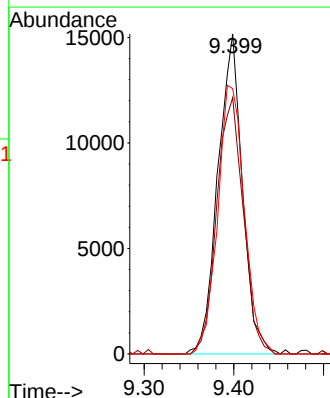
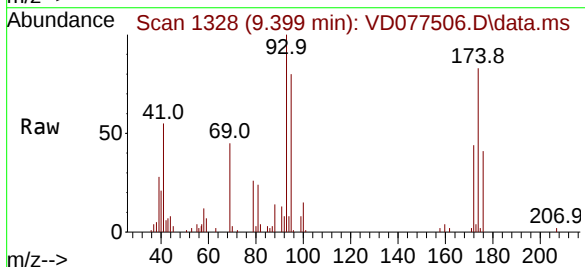
Tgt Ion: 93 Resp: 28799

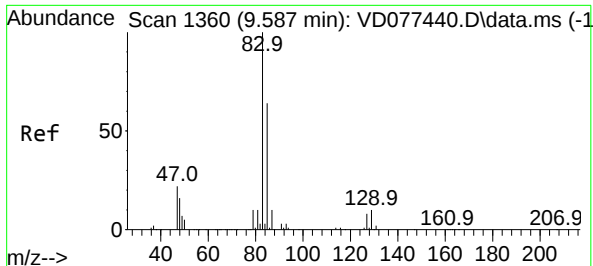
Ion Ratio Lower Upper

93 100

95 86.5 67.7 101.5

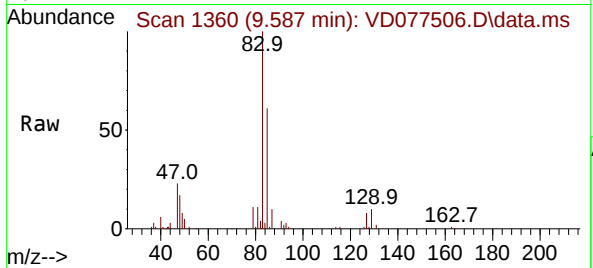
174 90.9 85.4 128.2





#47
Bromodichloromethane
Concen: 18.835 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

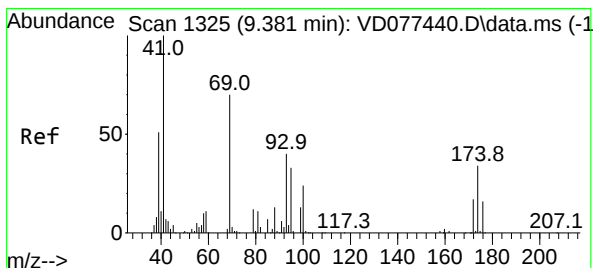
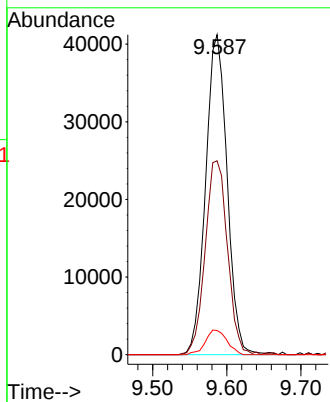
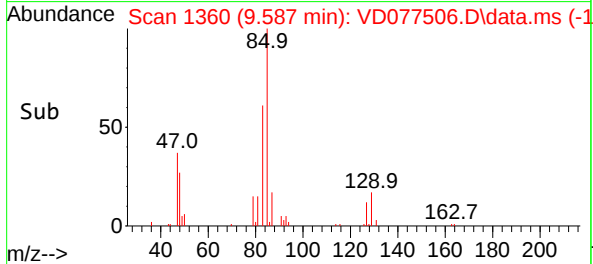
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01



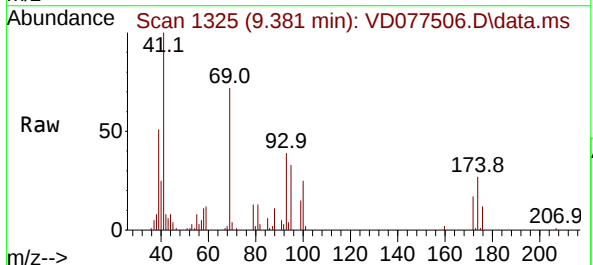
Tgt Ion: 83 Resp: 83020
Ion Ratio Lower Upper
83 100
85 60.6 50.2 75.4
127 7.6 6.3 9.5

Manual Integrations
APPROVED

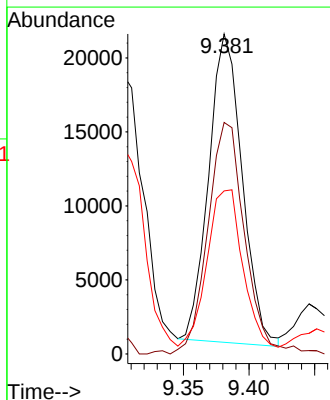
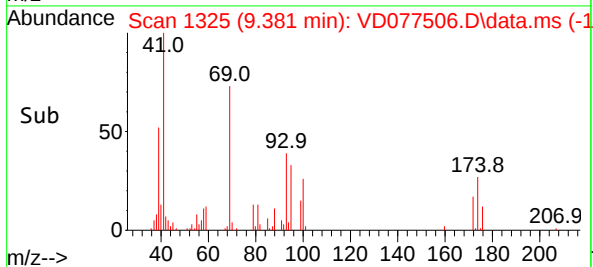
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

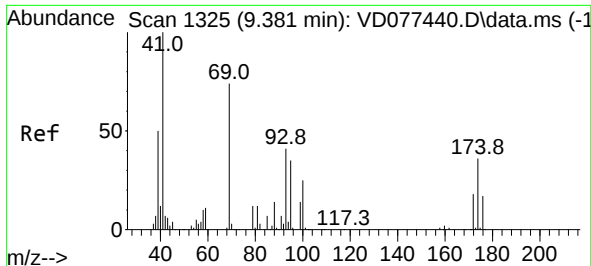


#48
Methyl methacrylate
Concen: 15.807 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34



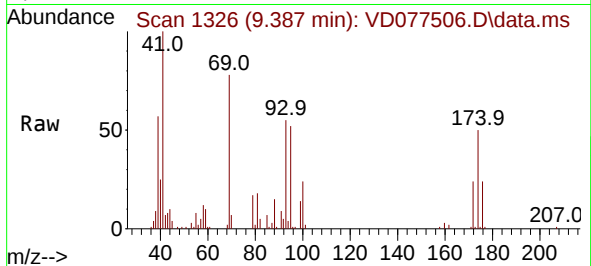
Tgt Ion: 41 Resp: 36885
Ion Ratio Lower Upper
41 100
69 83.4 102.2 153.2#
39 58.4 41.4 62.2





#49
1,4-Dioxane
Concen: 375.906 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

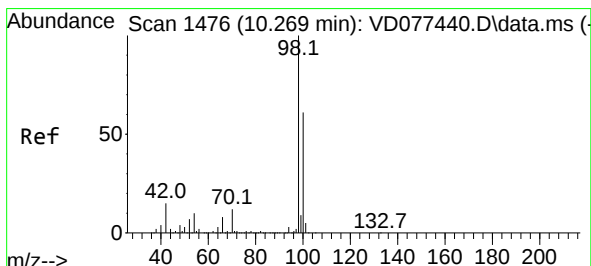
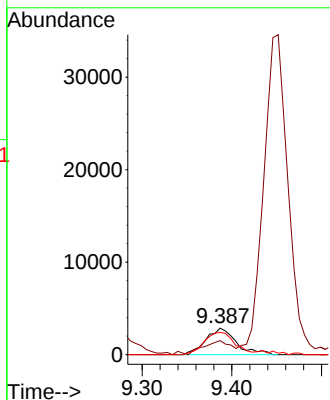
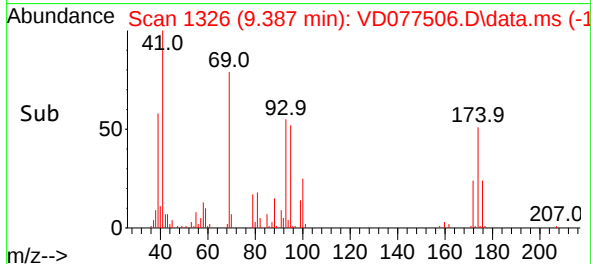
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01



Tgt Ion: 88 Resp: 6730
Ion Ratio Lower Upper
88 100
43 47.1 19.0 28.6
58 85.7 43.5 65.3

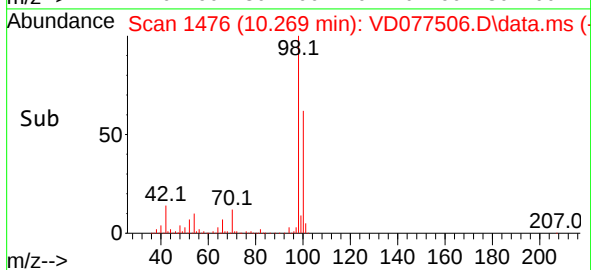
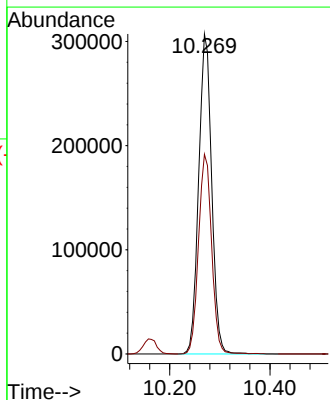
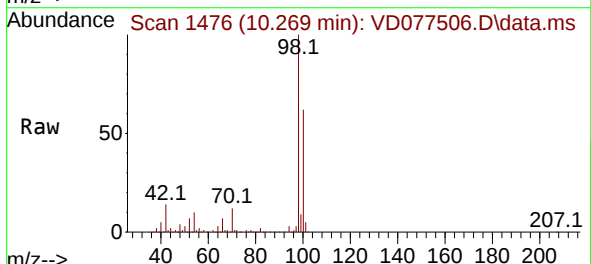
Manual Integrations
APPROVED

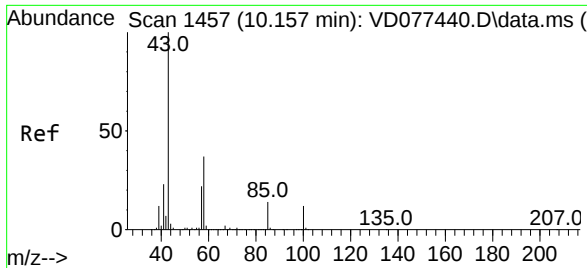
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#50
Toluene-d8
Concen: 50.978 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

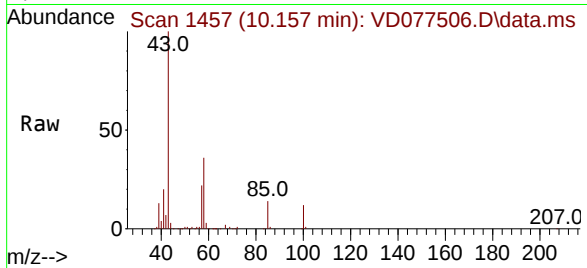
Tgt Ion: 98 Resp: 551268
Ion Ratio Lower Upper
98 100
100 63.2 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 92.342 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

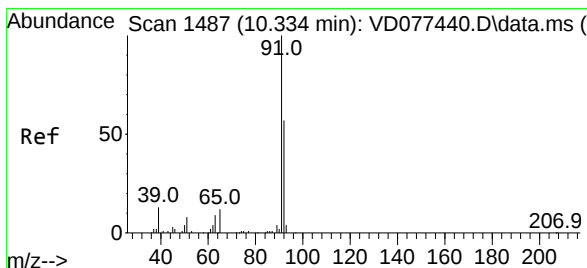
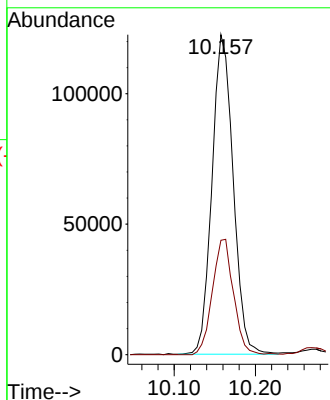
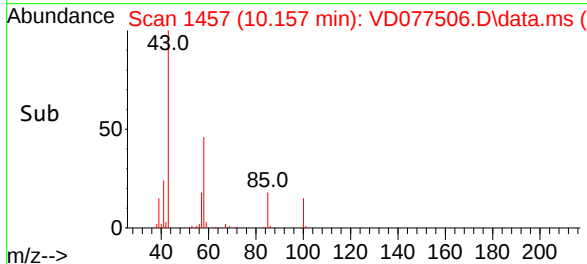
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01



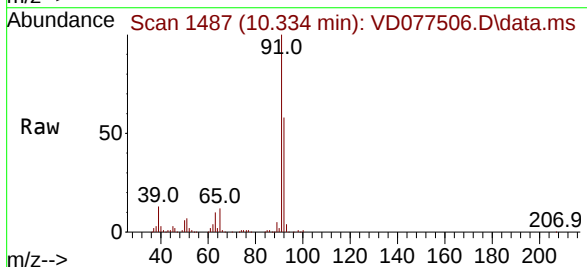
Tgt Ion: 43 Resp: 22219
Ion Ratio Lower Upper
43 100
58 36.1 38.9 58.3

Manual Integrations
APPROVED

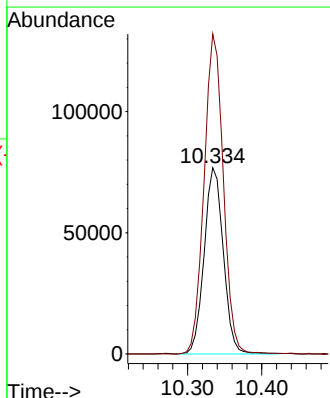
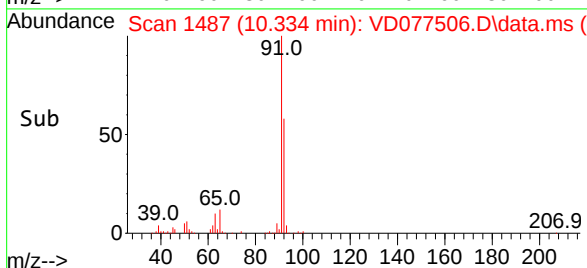
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

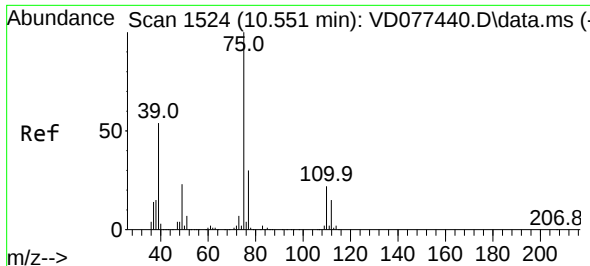


#52
Toluene
Concen: 19.251 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34



Tgt Ion: 92 Resp: 138137
Ion Ratio Lower Upper
92 100
91 172.5 143.0 214.4





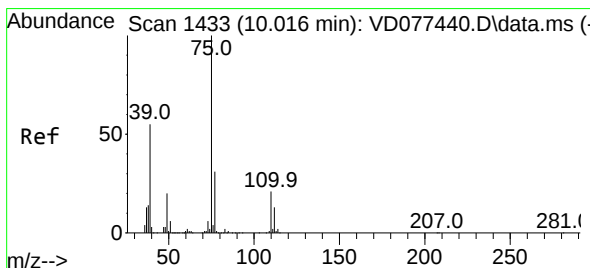
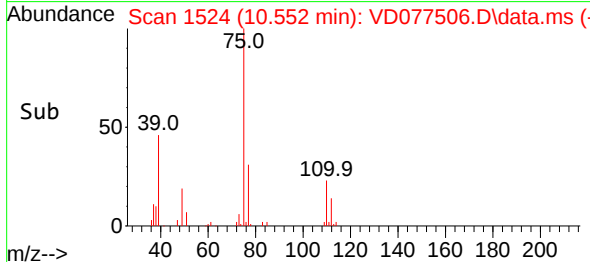
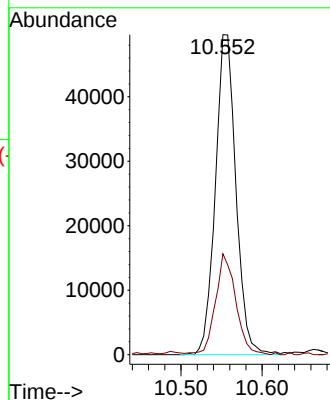
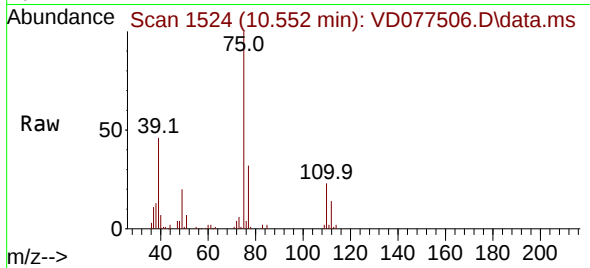
#53
t-1,3-Dichloropropene
Concen: 18.750 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tgt Ion: 75 Resp: 8751
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9

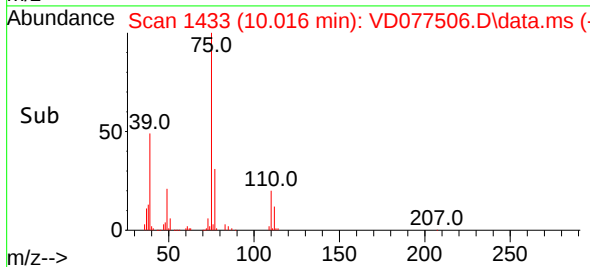
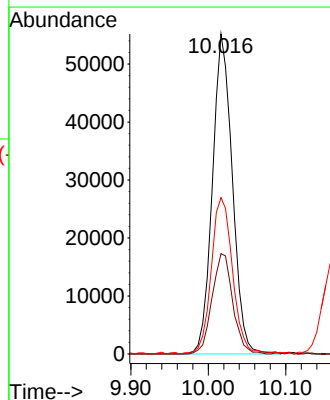
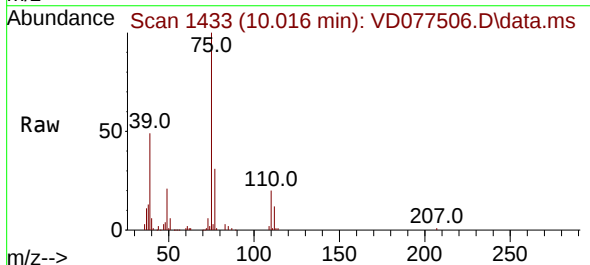
Manual Integrations
APPROVED

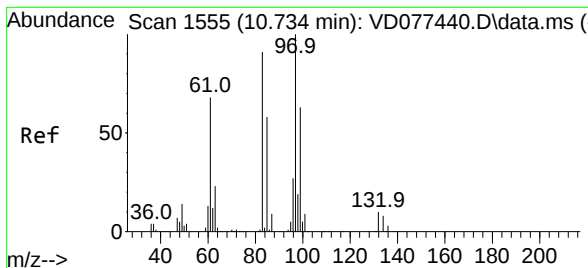
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#54
cis-1,3-Dichloropropene
Concen: 18.342 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

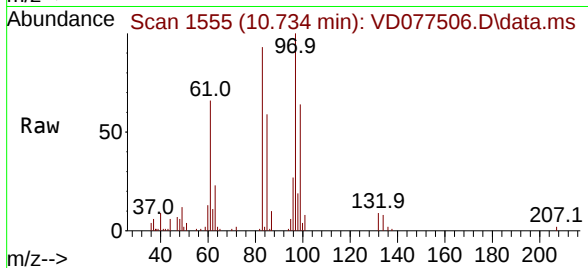
Tgt Ion: 75 Resp: 98514
Ion Ratio Lower Upper
75 100
77 31.4 25.5 38.3
39 48.8 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 19.163 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

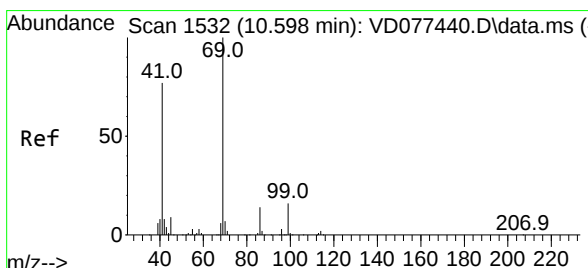
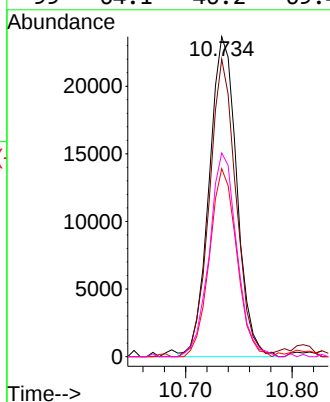
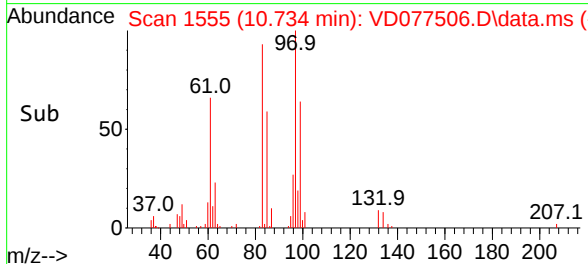
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01



Tgt Ion:	97	Resp:	42630
Ion	Ratio	Lower	Upper
97	100		
83	93.7	65.8	98.6
85	59.2	45.7	68.5
99	64.1	46.2	69.4

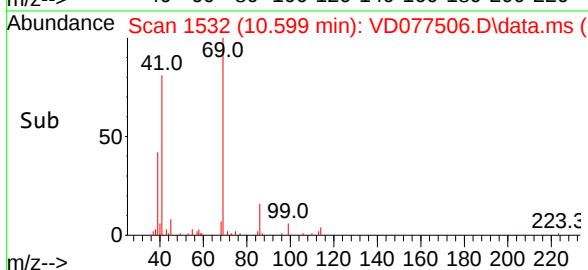
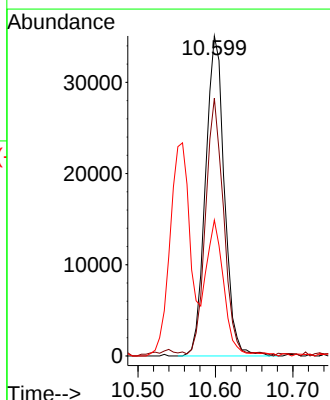
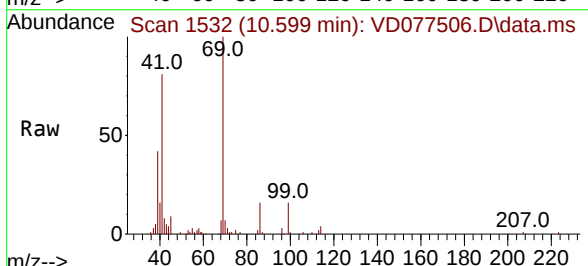
Manual Integrations
APPROVED

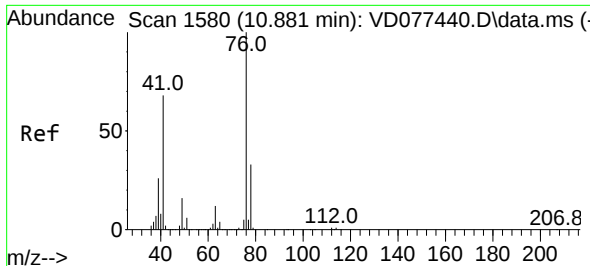
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#56
Ethyl methacrylate
Concen: 18.021 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

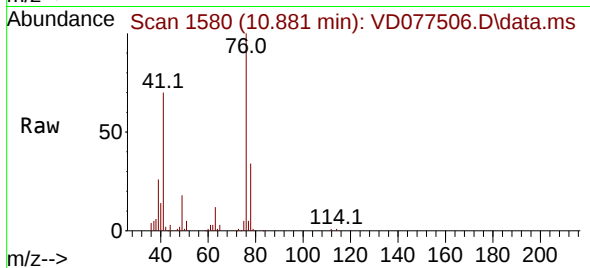
Tgt Ion:	69	Resp:	59614
Ion	Ratio	Lower	Upper
69	100		
41	78.0	39.1	58.7#
39	36.7	20.0	30.0#





#57
1,3-Dichloropropane
Concen: 18.922 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

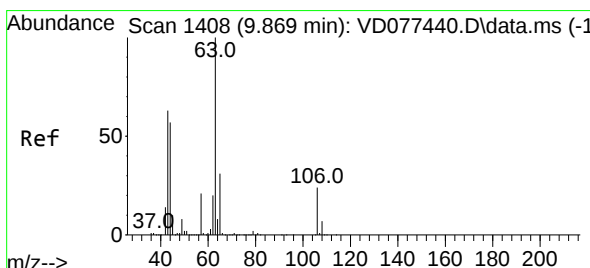
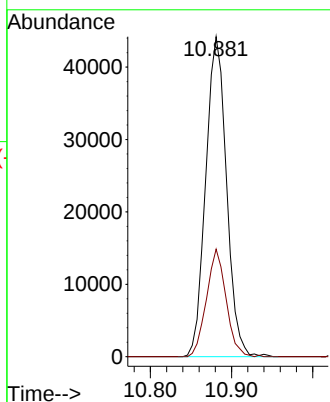
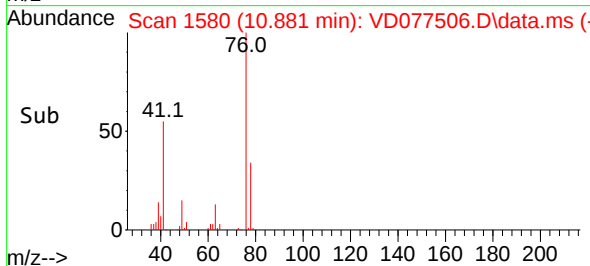
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01



Tgt Ion: 76 Resp: 78690
Ion Ratio Lower Upper
76 100
78 31.7 26.4 39.6

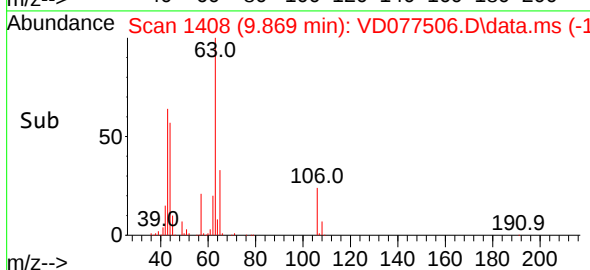
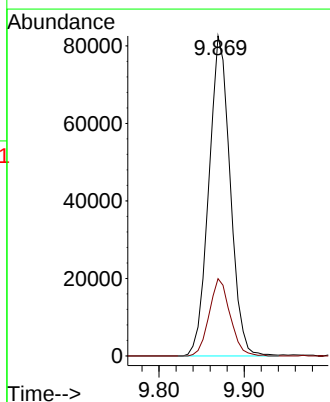
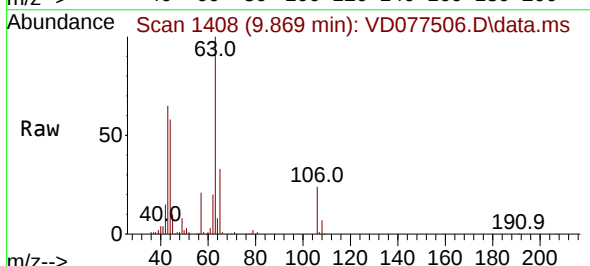
Manual Integrations
APPROVED

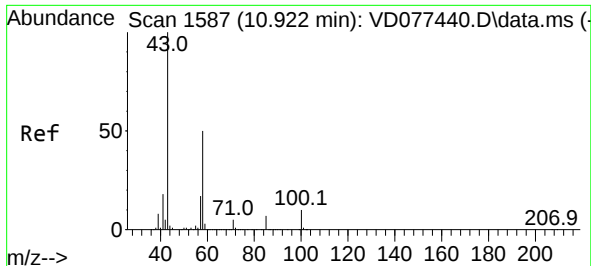
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#58
2-Chloroethyl Vinyl ether
Concen: 86.662 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

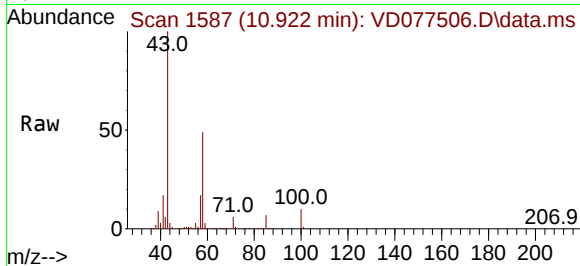
Tgt Ion: 63 Resp: 143523
Ion Ratio Lower Upper
63 100
106 23.7 25.3 37.9





#59
2-Hexanone
Concen: 98.223 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

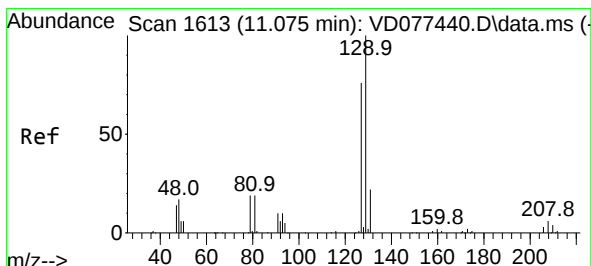
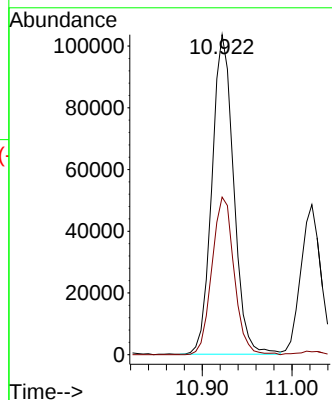
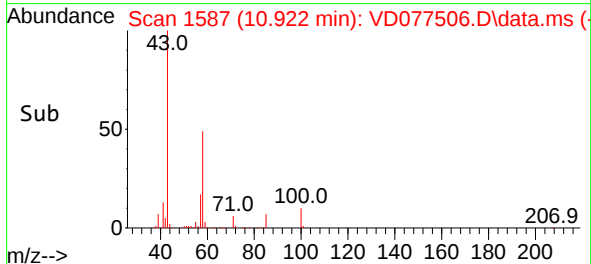
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01



Tgt Ion: 43 Resp: 174100
Ion Ratio Lower Upper
43 100
58 50.4 34.1 102.2

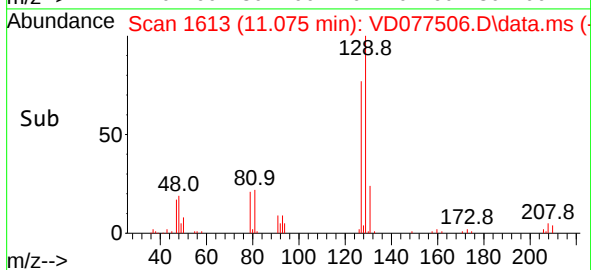
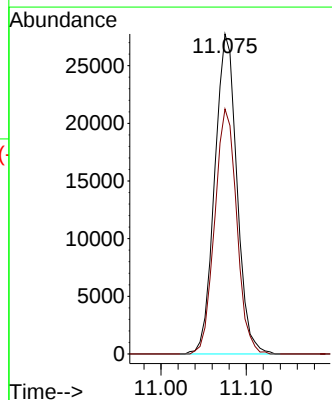
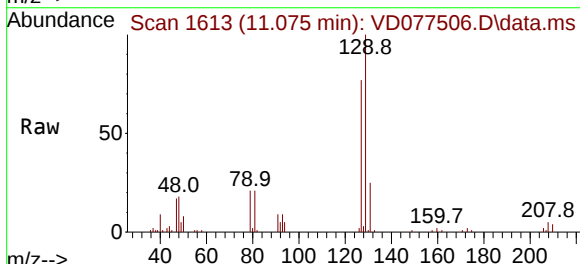
Manual Integrations
APPROVED

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



#60
Dibromochloromethane
Concen: 18.778 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

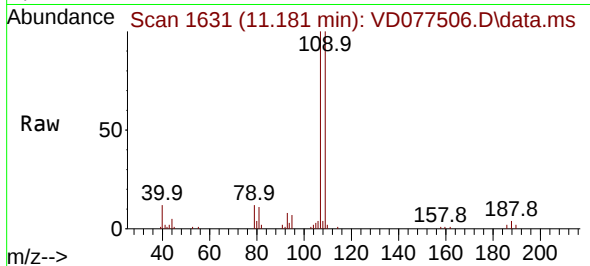
Tgt Ion:129 Resp: 50237
Ion Ratio Lower Upper
129 100
127 76.0 37.1 111.5





#61
1,2-Dibromoethane
Concen: 17.814 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

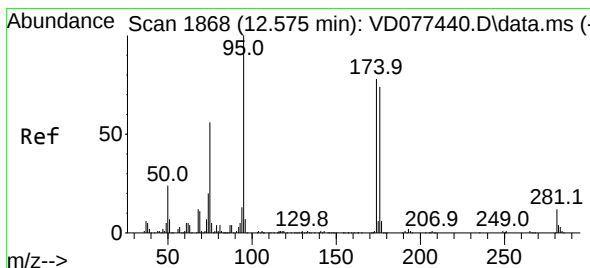
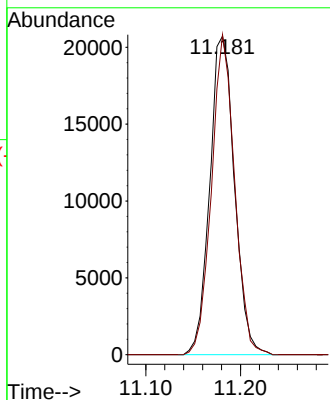
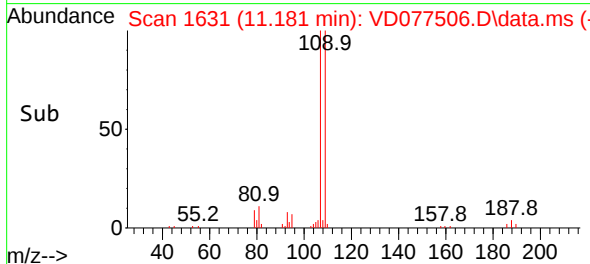
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01



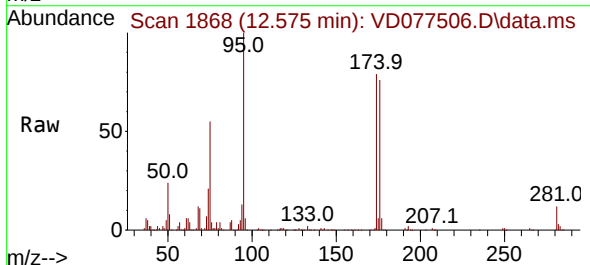
Tgt Ion:107 Resp: 37534
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4

Manual Integrations
APPROVED

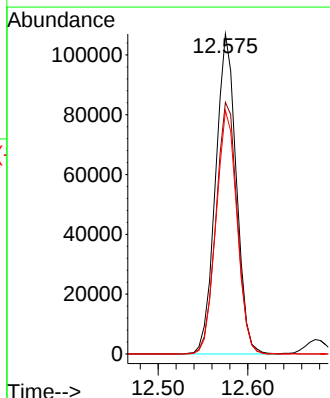
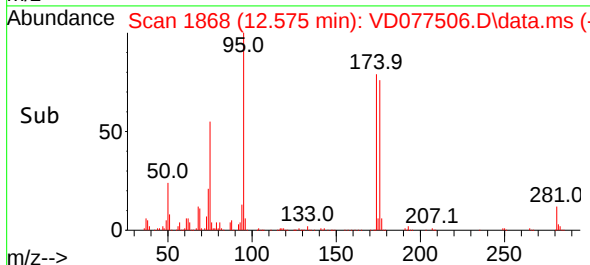
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

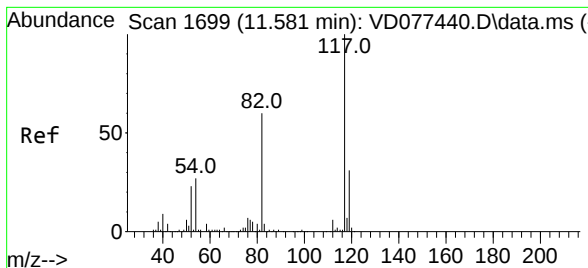


#62
4-Bromofluorobenzene
Concen: 47.195 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34



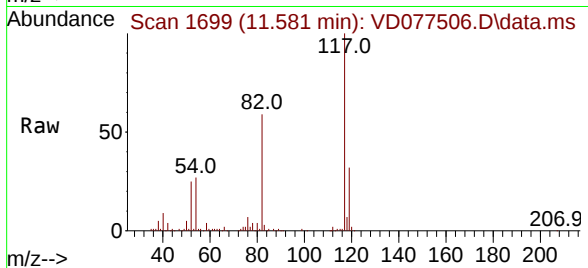
Tgt Ion: 95 Resp: 171892
Ion Ratio Lower Upper
95 100
174 80.5 0.0 201.8
176 76.8 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

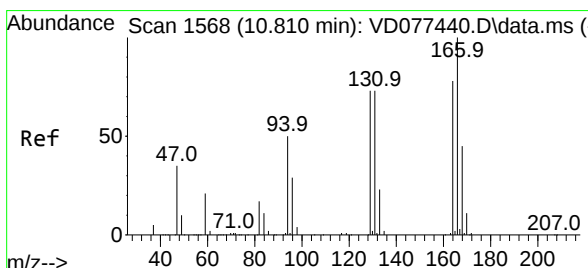
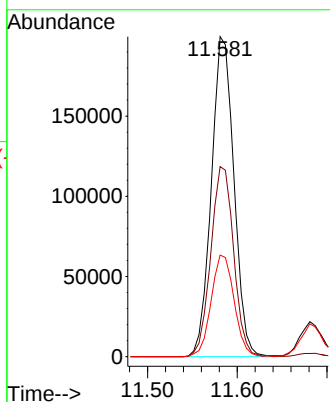
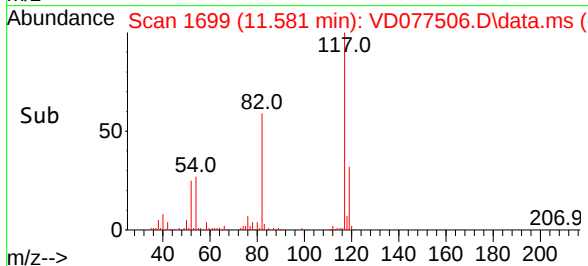
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01



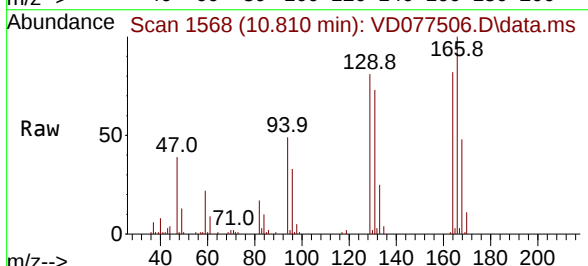
Tgt Ion:117 Resp: 348859
Ion Ratio Lower Upper
117 100
82 59.4 38.3 57.5
119 31.7 25.0 37.4

Manual Integrations
APPROVED

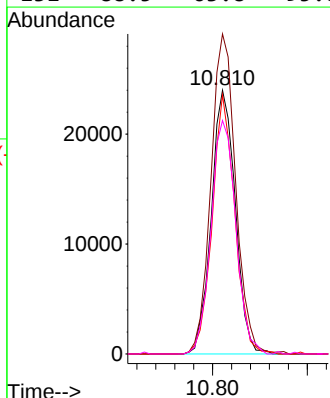
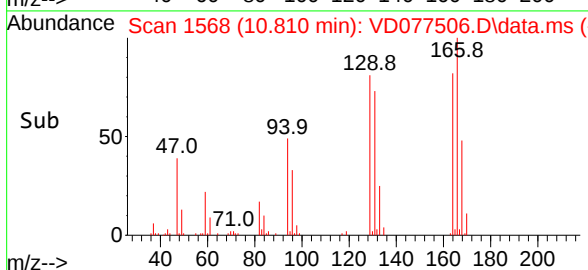
Reviewed By :John Carbone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

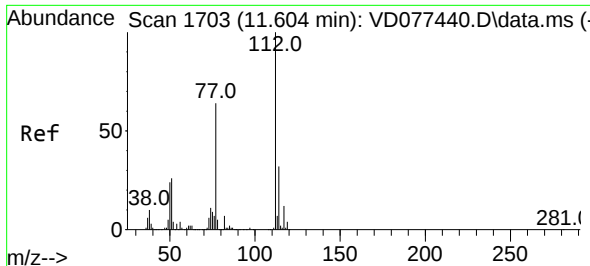


#64
Tetrachloroethene
Concen: 18.977 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34



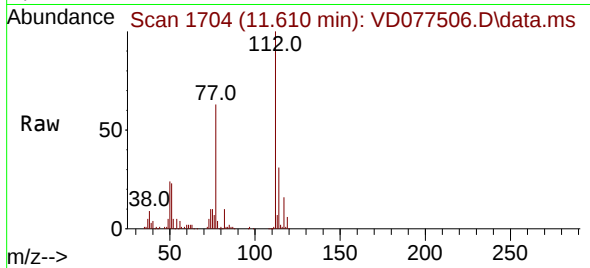
Tgt Ion:164 Resp: 42148
Ion Ratio Lower Upper
164 100
166 121.3 99.2 148.8
129 98.2 68.4 102.6
131 88.5 63.8 95.8





#65
Chlorobenzene
Concen: 19.731 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

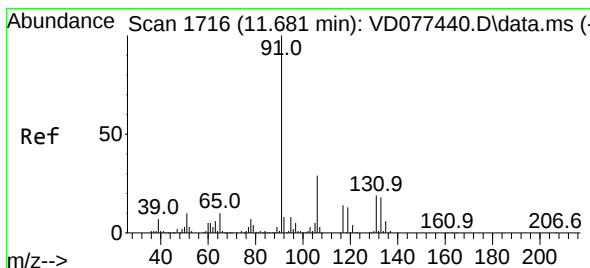
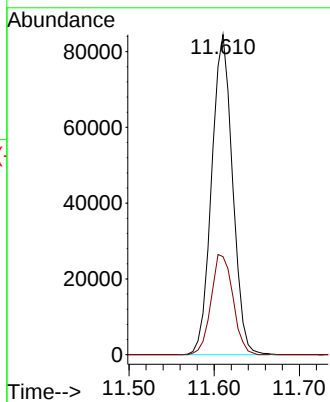
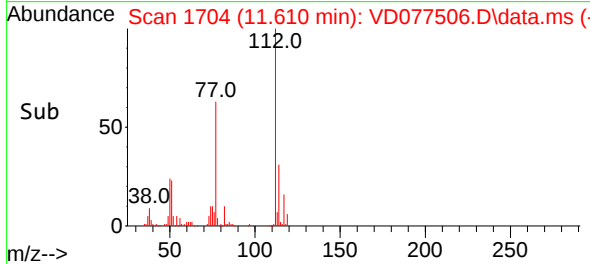
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01



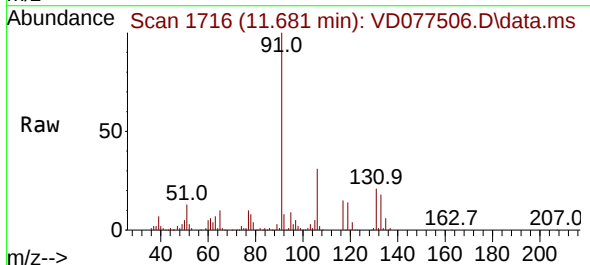
Tgt Ion:112 Resp: 14420
Ion Ratio Lower Upper
112 100
114 30.7 25.1 37.7

Manual Integrations
APPROVED

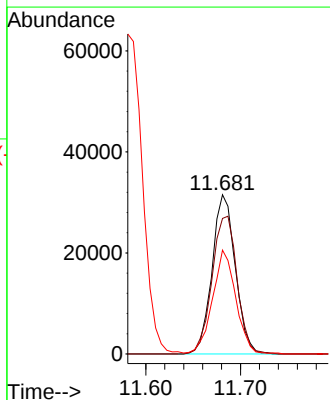
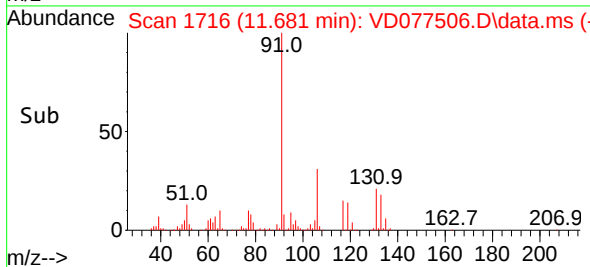
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

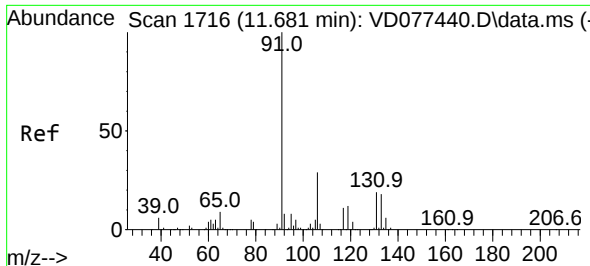


#66
1,1,1,2-Tetrachloroethane
Concen: 19.506 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34



Tgt Ion:131 Resp: 53872
Ion Ratio Lower Upper
131 100
133 93.2 48.5 145.5
119 65.5 35.6 106.9





#67

Ethyl Benzene

Concen: 19.747 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077506.D

Acq: 06 Nov 2023 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

Tgt Ion: 91 Resp: 277680

Ion Ratio Lower Upper

91 100

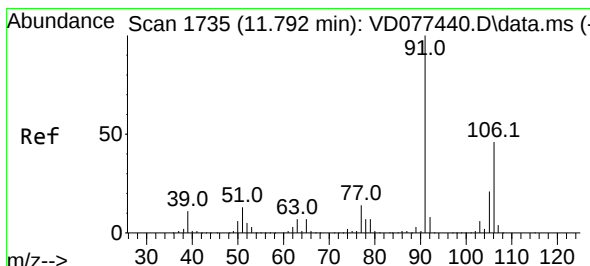
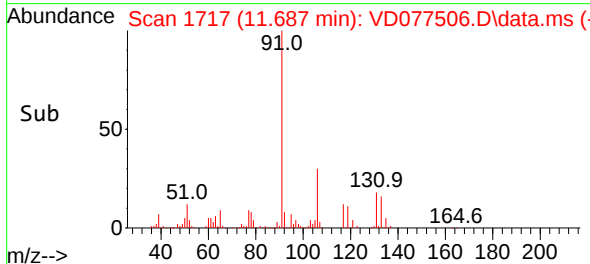
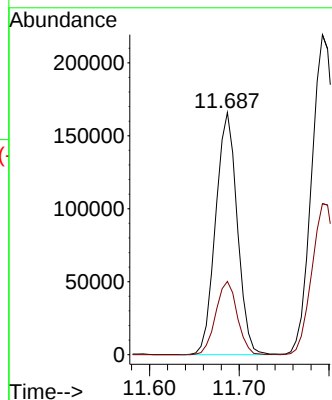
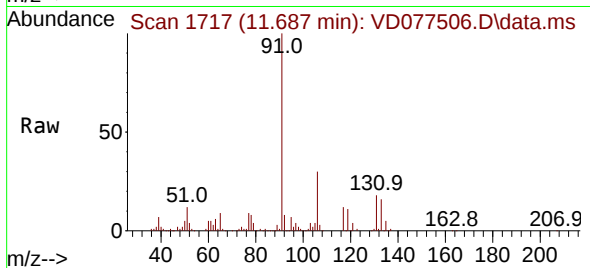
106 30.3 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#68

m/p-Xylenes

Concen: 39.420 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077506.D

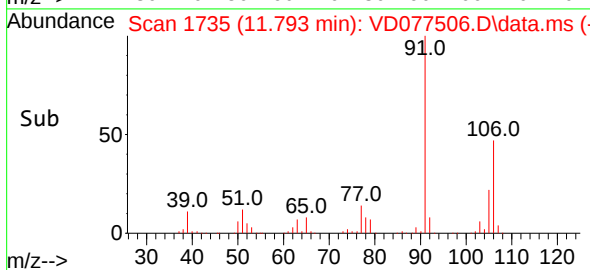
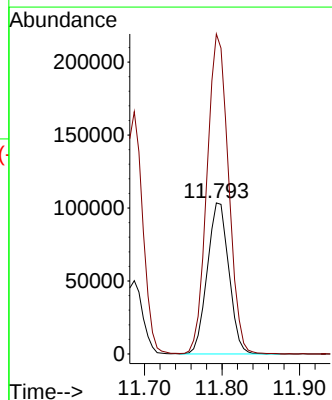
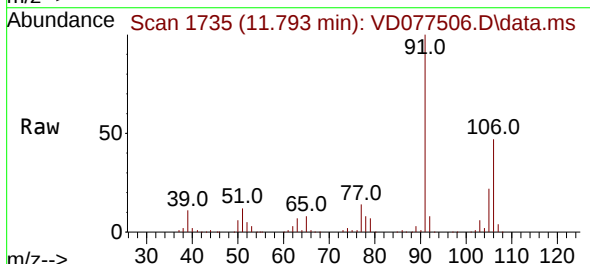
Acq: 06 Nov 2023 11:34

Tgt Ion:106 Resp: 200176

Ion Ratio Lower Upper

106 100

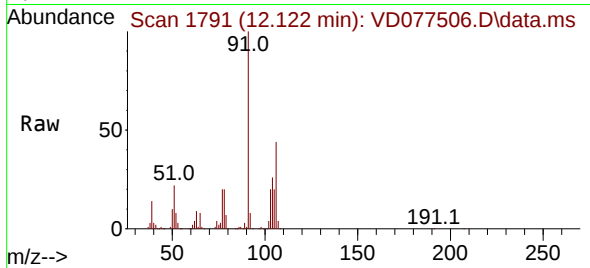
91 211.2 147.0 220.6





#69
o-Xylene
Concen: 19.809 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

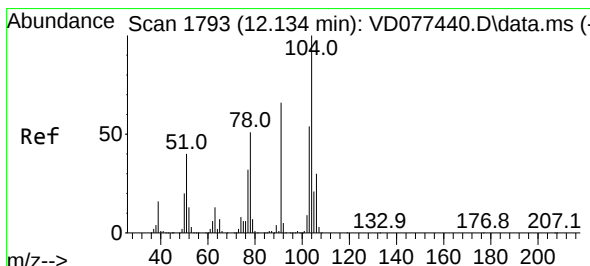
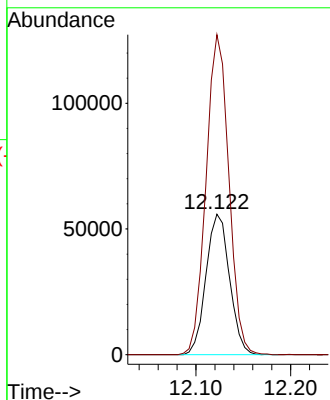
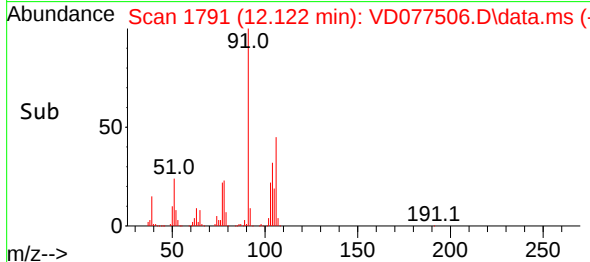
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01



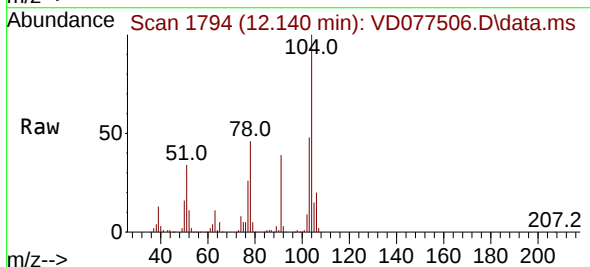
Tgt Ion:106 Resp: 96352
Ion Ratio Lower Upper
106 100
91 221.3 97.9 293.6

Manual Integrations
APPROVED

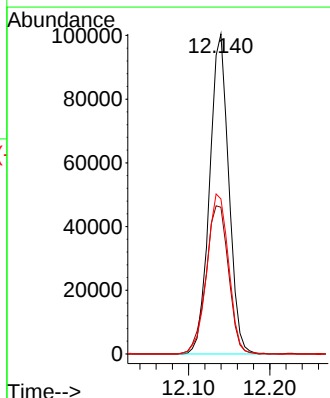
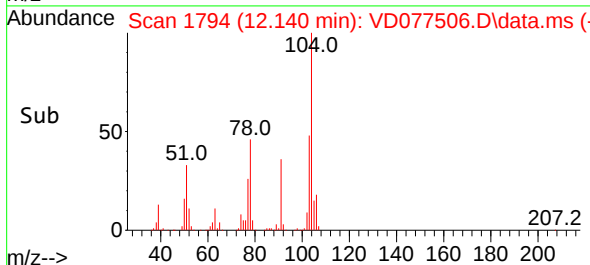
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

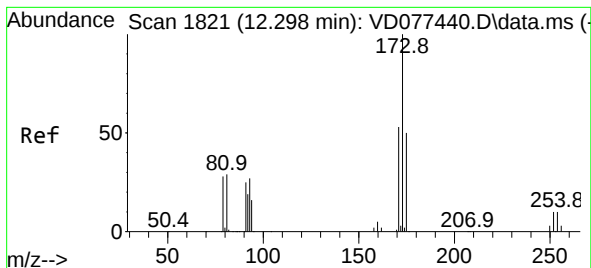


#70
Styrene
Concen: 19.604 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34



Tgt Ion:104 Resp: 164503
Ion Ratio Lower Upper
104 100
78 54.4 33.2 49.8#
103 56.6 43.6 65.4





#71

Bromoform

Concen: 18.481 ug/l

RT: 12.299 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077506.D

Acq: 06 Nov 2023 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

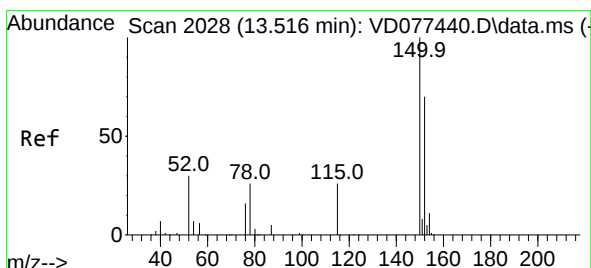
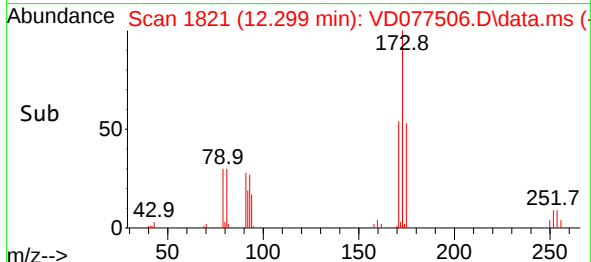
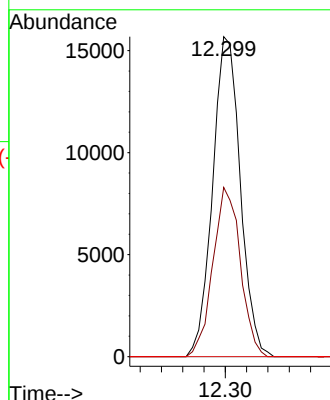
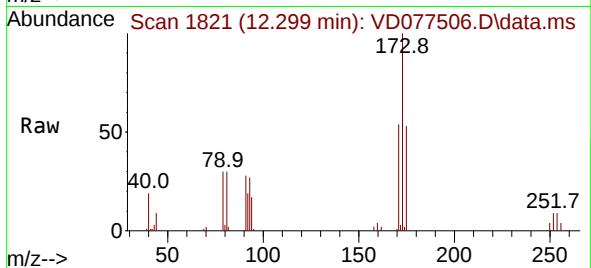
Tgt Ion:173 Resp: 28298
 Ion Ratio Lower Upper
 173 100
 175 52.4 24.6 73.8
 254 0.0 0.0 0.0

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

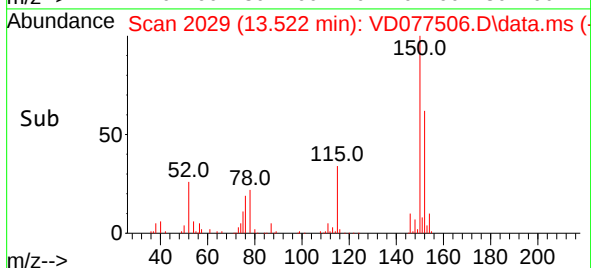
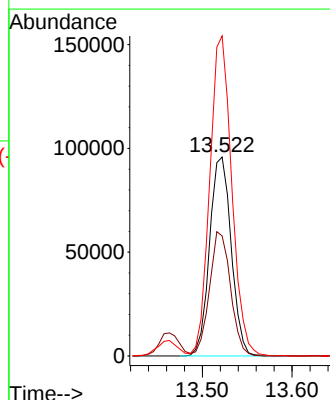
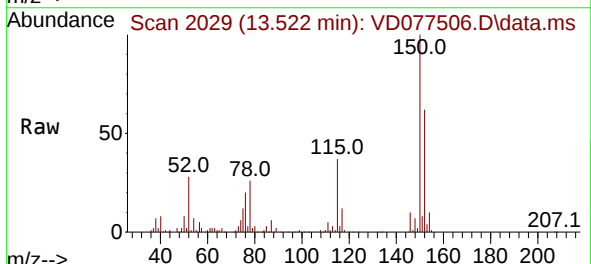
RT: 13.522 min Scan# 2029

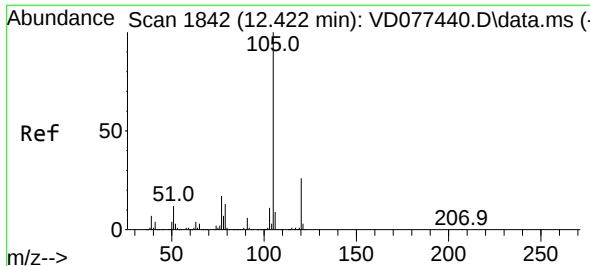
Delta R.T. 0.006 min

Lab File: VD077506.D

Acq: 06 Nov 2023 11:34

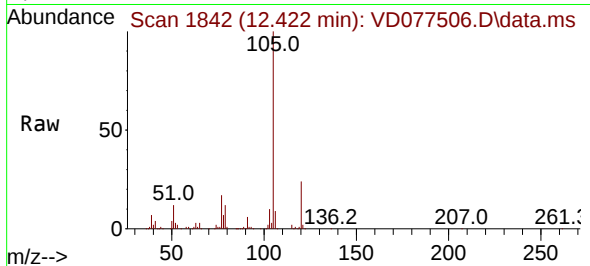
Tgt Ion:152 Resp: 160369
 Ion Ratio Lower Upper
 152 100
 115 60.8 27.1 81.3
 150 163.4 0.0 353.6





#73
Isopropylbenzene
Concen: 20.260 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

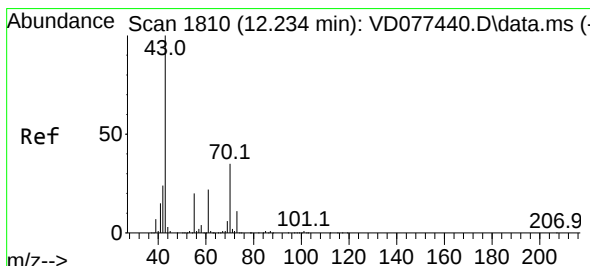
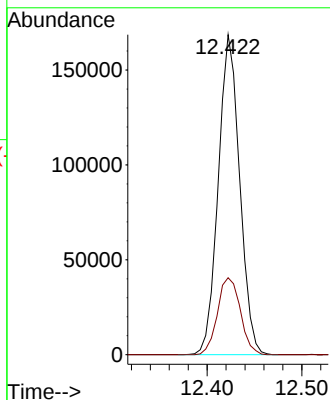
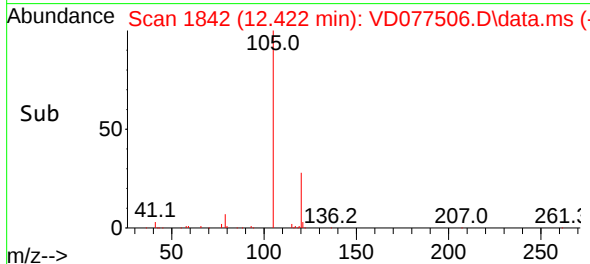
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01



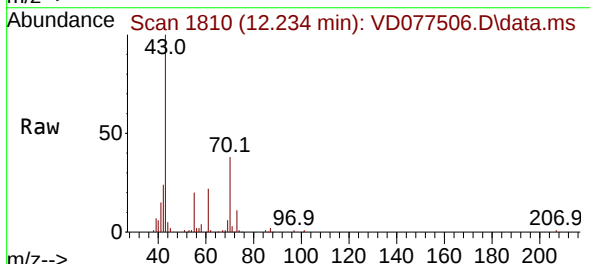
Tgt Ion:105 Resp: 264898
Ion Ratio Lower Upper
105 100
120 25.7 14.3 42.9

Manual Integrations
APPROVED

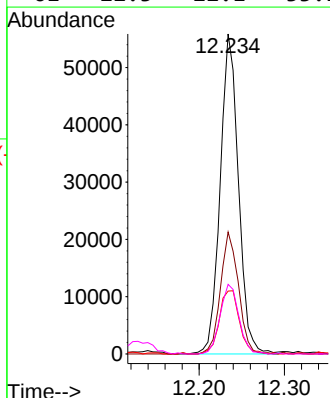
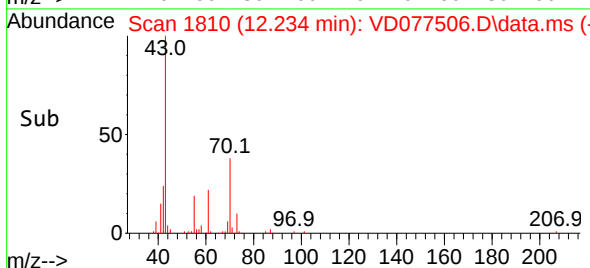
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

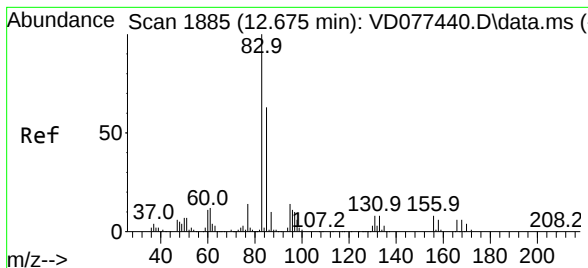


#74
N-ethyl acetate
Concen: 17.992 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34



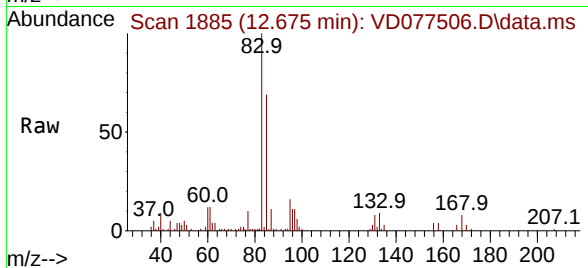
Tgt Ion: 43 Resp: 83324
Ion Ratio Lower Upper
43 100
70 37.3 45.0 67.4#
55 21.9 23.8 35.6#
61 22.3 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 19.760 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

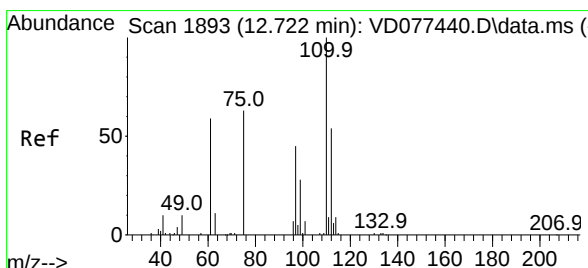
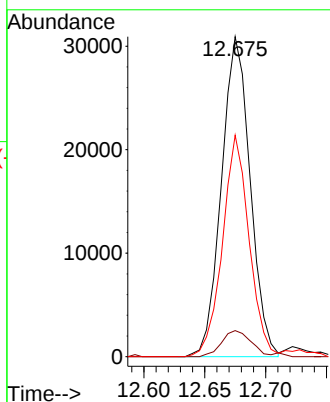
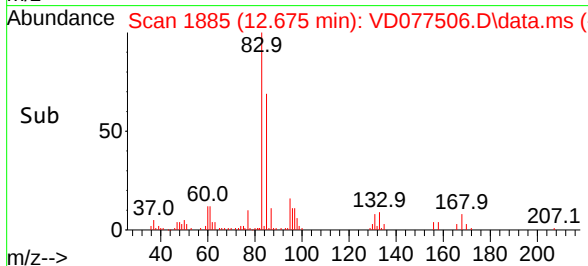
Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01



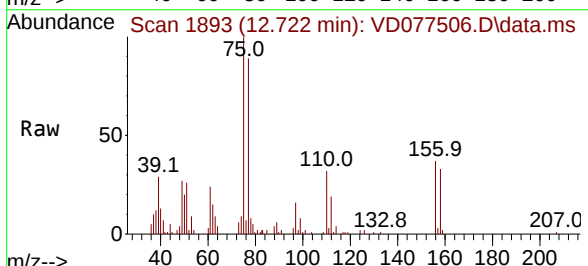
Tgt Ion: 83 Resp: 50640
Ion Ratio Lower Upper
83 100
131 8.8 5.1 15.3
85 64.2 32.6 97.8

Manual Integrations
APPROVED

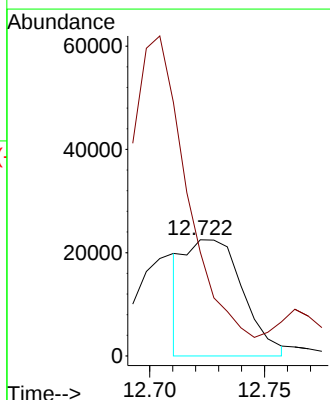
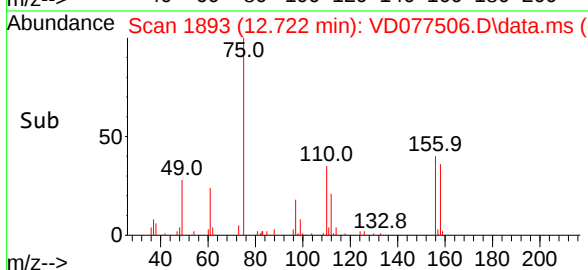
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

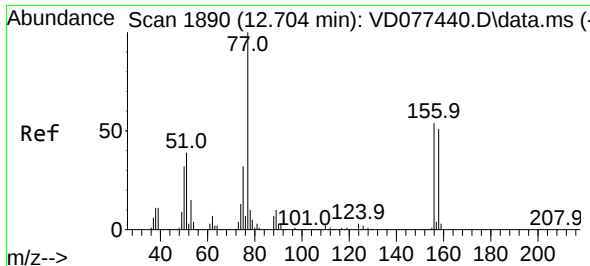


#76
1,2,3-Trichloropropane
Concen: 20.180 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34



Tgt Ion: 75 Resp: 39388
Ion Ratio Lower Upper
75 100
77 291.9 0.0 0.0#





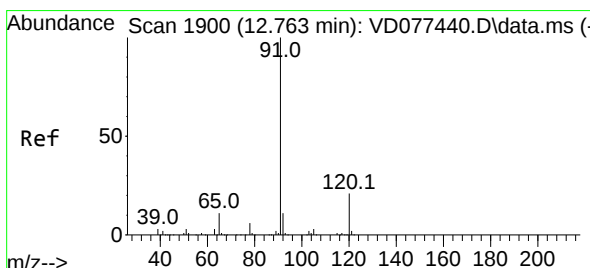
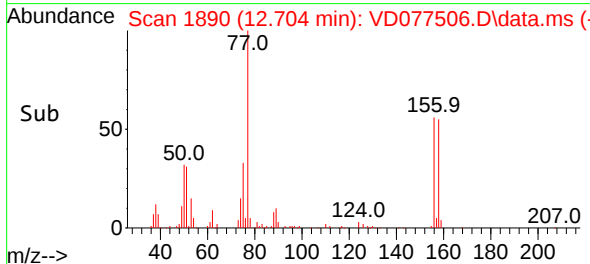
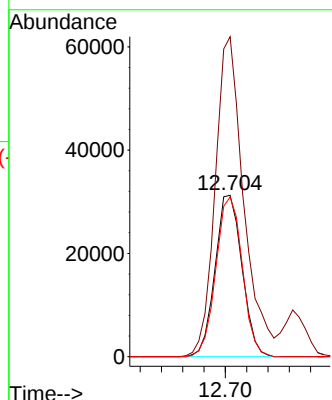
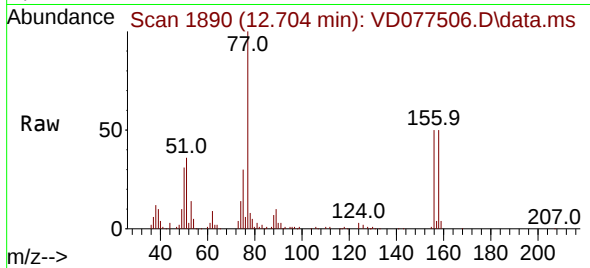
#77
Bromobenzene
Concen: 19.021 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tgt Ion:156 Resp: 5474
Ion Ratio Lower Upper
156 100
77 210.1 76.8 230.4
158 97.1 48.6 145.9

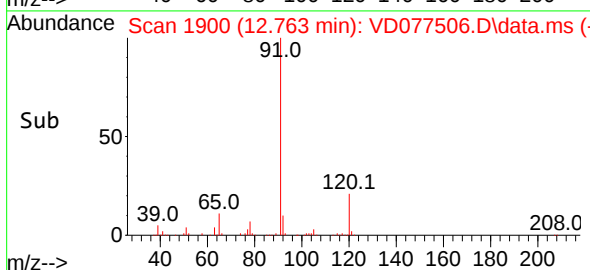
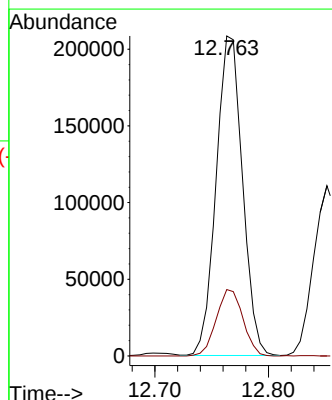
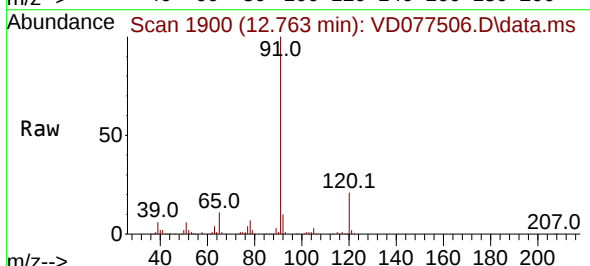
Manual Integrations
APPROVED

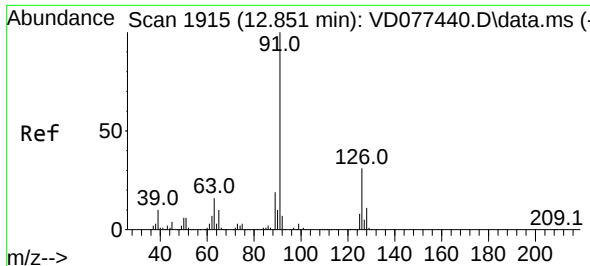
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#78
n-propylbenzene
Concen: 20.209 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

Tgt Ion: 91 Resp: 335512
Ion Ratio Lower Upper
91 100
120 21.0 12.4 37.2





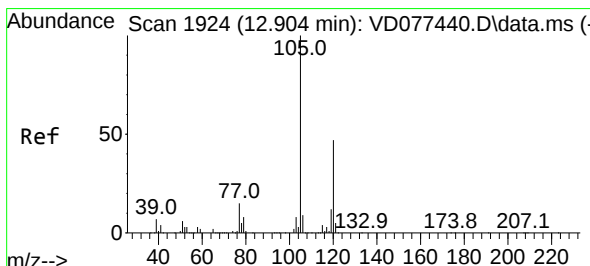
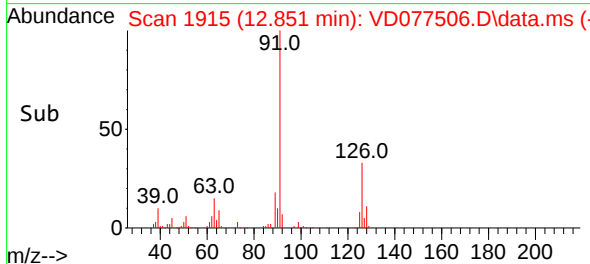
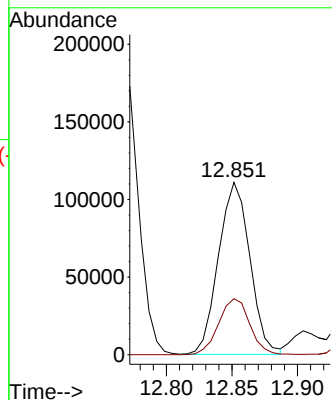
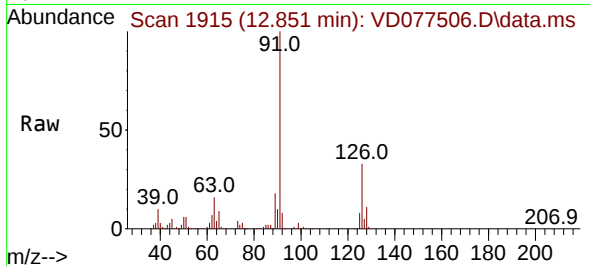
#79
2-Chlorotoluene
Concen: 19.657 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tgt Ion: 91 Resp: 184770
Ion Ratio Lower Upper
91 100
126 32.3 19.4 58.1

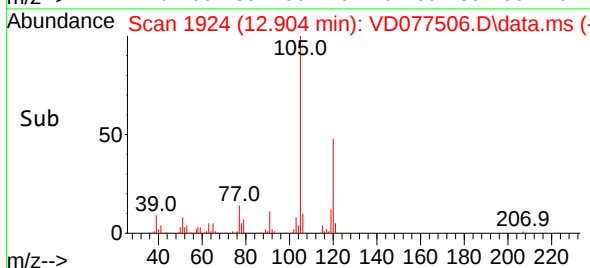
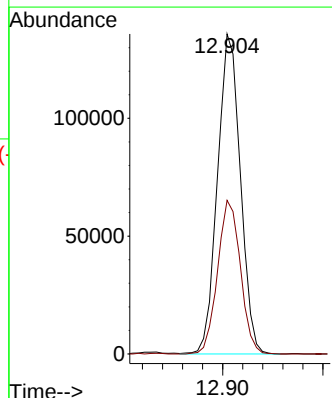
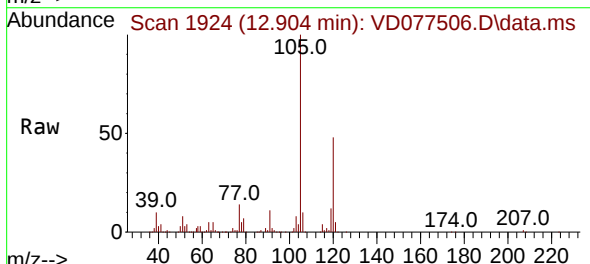
Manual Integrations
APPROVED

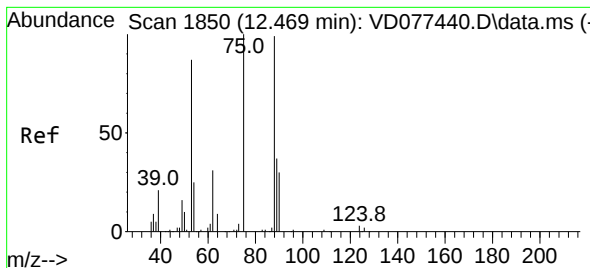
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.596 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

Tgt Ion:105 Resp: 214989
Ion Ratio Lower Upper
105 100
120 47.9 26.4 79.2





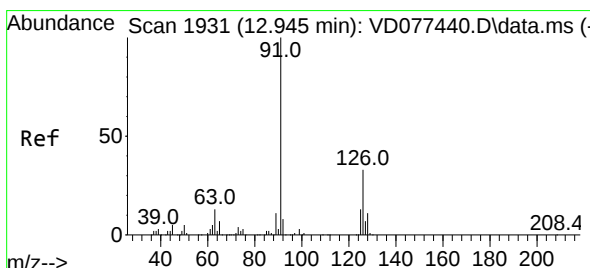
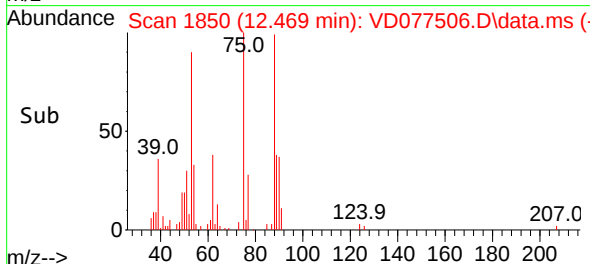
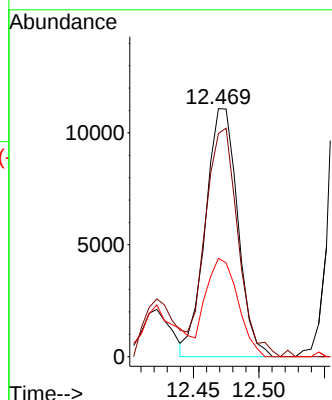
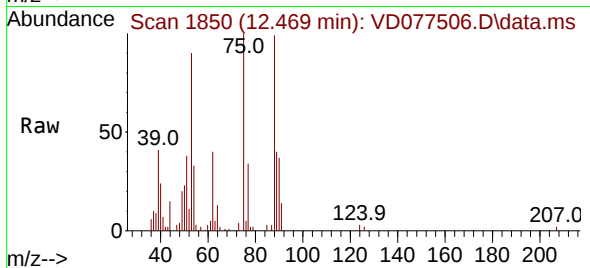
#81
trans-1,4-Dichloro-2-butene
Concen: 18.792 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tgt Ion: 75 Resp: 18989
Ion Ratio Lower Upper
75 100
53 93.1 63.0 94.4
89 39.0 37.9 56.9

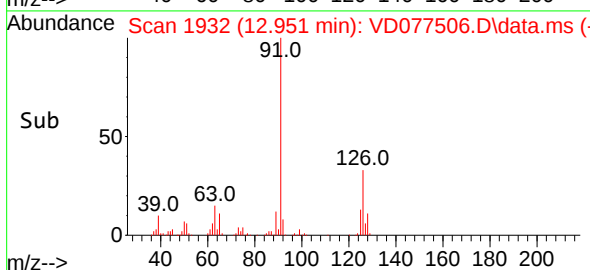
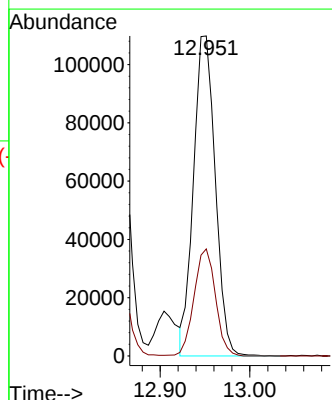
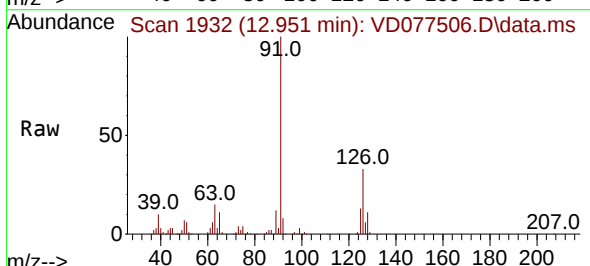
Manual Integrations
APPROVED

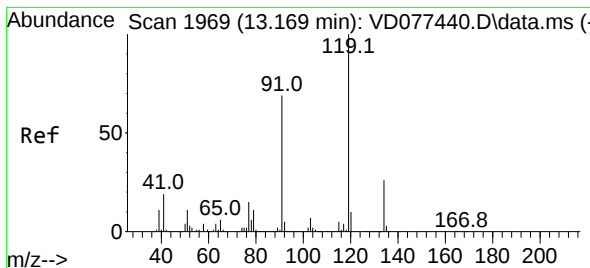
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#82
4-Chlorotoluene
Concen: 18.929 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

Tgt Ion: 91 Resp: 185342
Ion Ratio Lower Upper
91 100
126 33.0 19.4 58.4





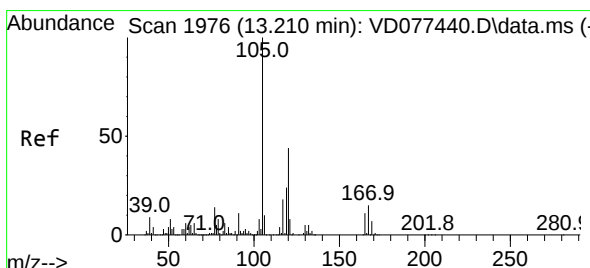
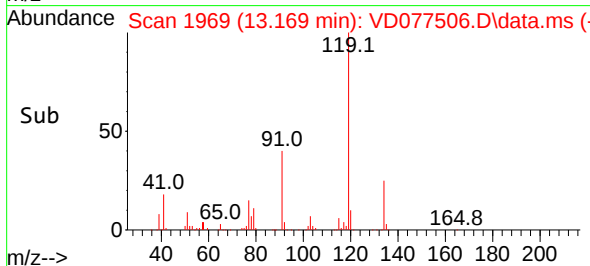
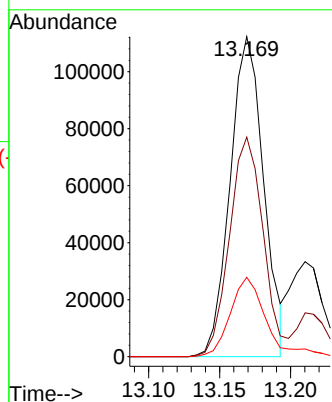
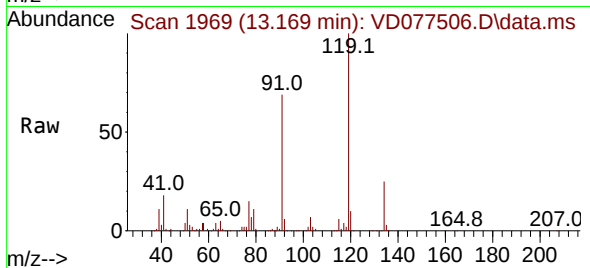
#83
tert-Butylbenzene
Concen: 20.027 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tgt Ion:119 Resp: 18472
Ion Ratio Lower Upper
119 100
91 69.3 29.3 87.8
134 26.4 14.1 42.3

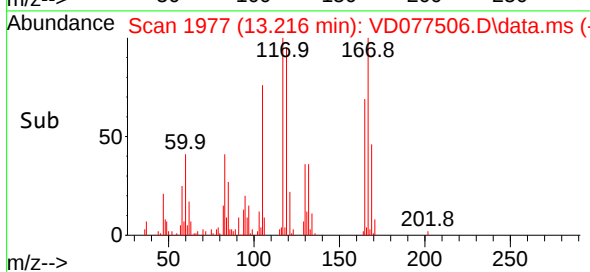
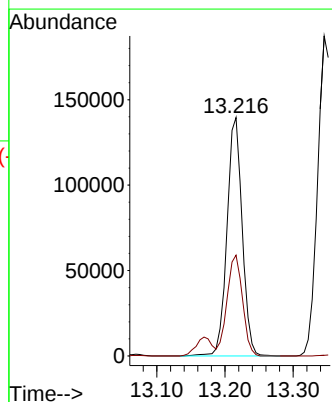
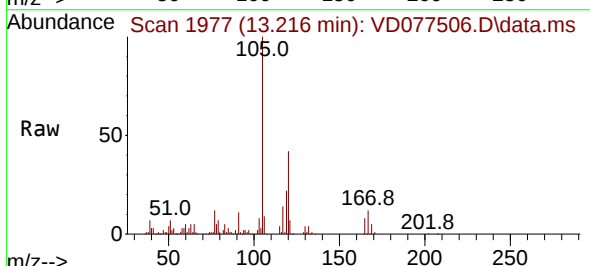
Manual Integrations
APPROVED

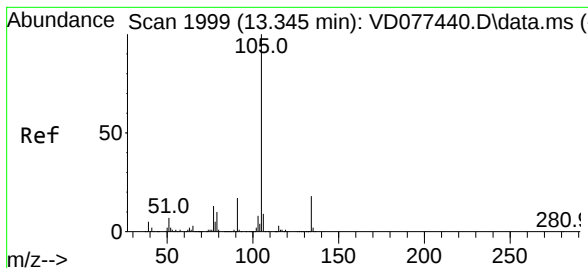
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.867 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

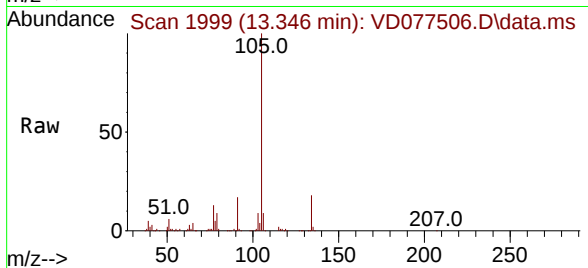
Tgt Ion:105 Resp: 216515
Ion Ratio Lower Upper
105 100
120 43.0 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 20.736 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077506.D
 Acq: 06 Nov 2023 11:34

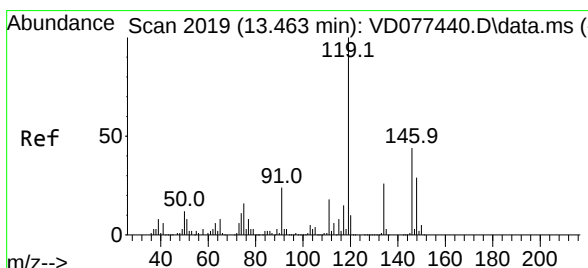
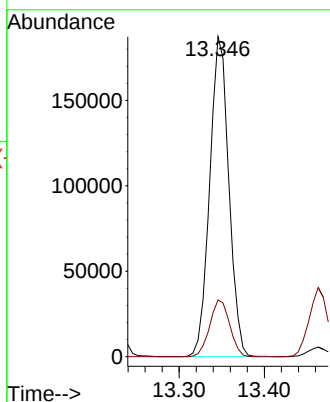
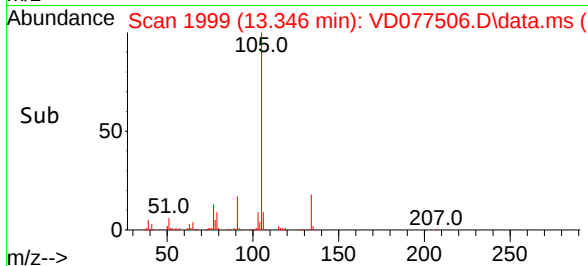
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1106SBS01



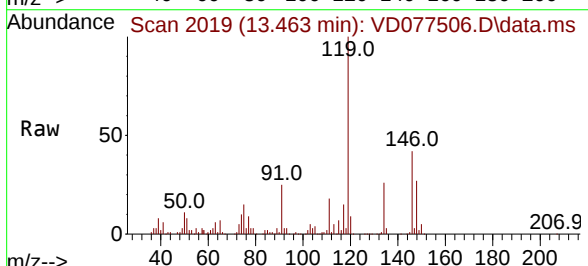
Tgt Ion:105 Resp: 292660
 Ion Ratio Lower Upper
 105 100
 134 18.5 10.9 32.9

Manual Integrations
 APPROVED

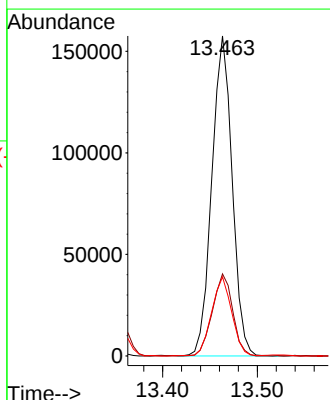
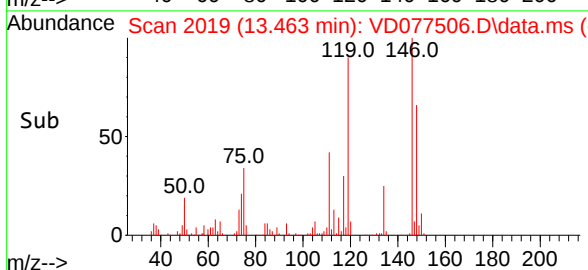
Reviewed By :John Carlone 11/07/2023
 Supervised By :Mahesh Dadoda 11/07/2023

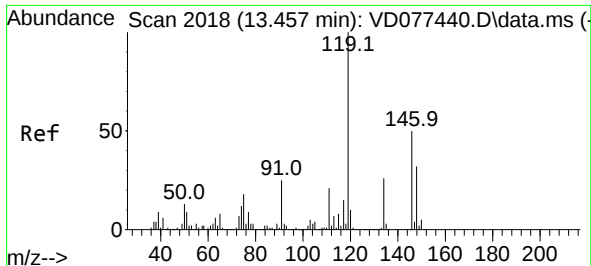


#86
 p-Isopropyltoluene
 Concen: 20.452 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077506.D
 Acq: 06 Nov 2023 11:34



Tgt Ion:119 Resp: 234616
 Ion Ratio Lower Upper
 119 100
 134 25.7 14.2 42.6
 91 24.6 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 19.687 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD077506.D

Acq: 06 Nov 2023 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

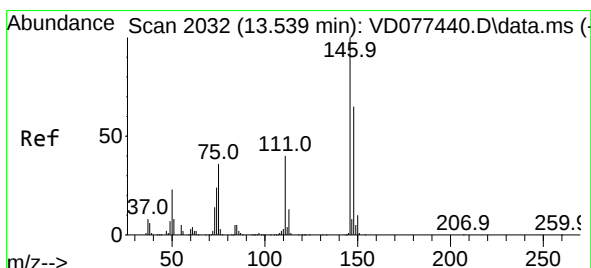
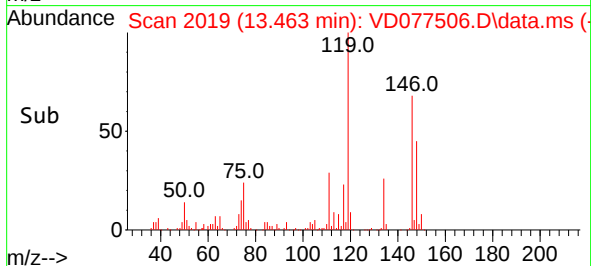
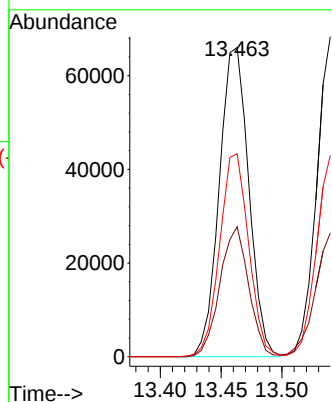
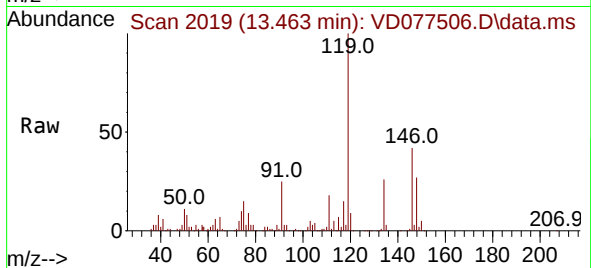
Tgt Ion:146 Resp: 11137
 Ion Ratio Lower Upper
 146 100
 111 40.9 17.9 53.8
 148 64.6 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#88

1,4-Dichlorobenzene

Concen: 19.677 ug/l

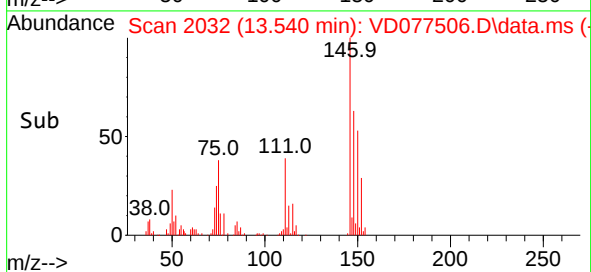
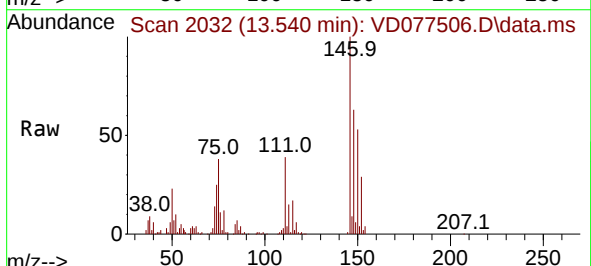
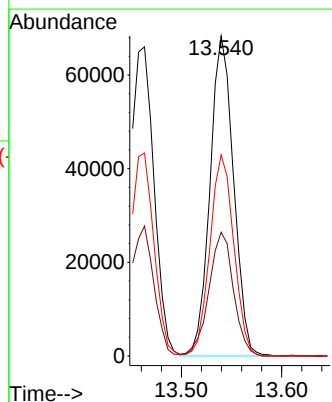
RT: 13.540 min Scan# 2032

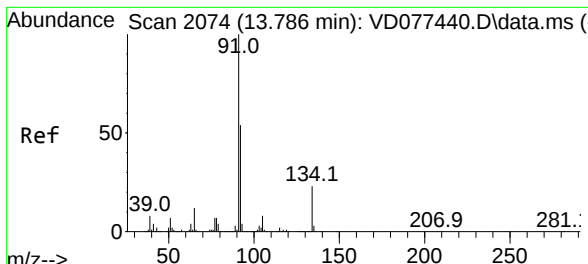
Delta R.T. 0.000 min

Lab File: VD077506.D

Acq: 06 Nov 2023 11:34

Tgt Ion:146 Resp: 111215
 Ion Ratio Lower Upper
 146 100
 111 40.5 17.4 52.3
 148 63.8 31.7 95.1





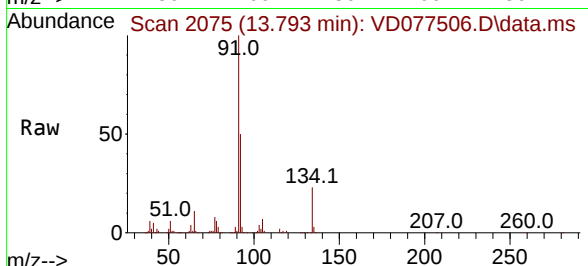
#89
 n-Butylbenzene
 Concen: 20.444 ug/l
 RT: 13.793 min Scan# 2075
 Delta R.T. 0.006 min
 Lab File: VD077506.D
 Acq: 06 Nov 2023 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01



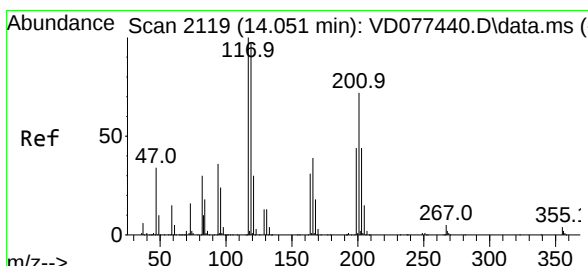
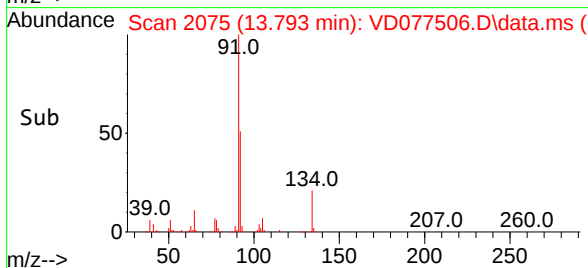
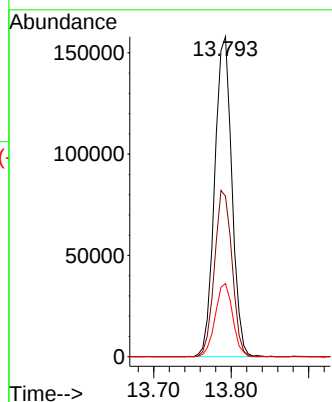
Tgt Ion:	91	Resp:	24376
Ion Ratio	Lower	Upper	
91	100		
92	52.8	26.5	79.5
134	23.3	13.8	41.3

Manual Integrations

APPROVED

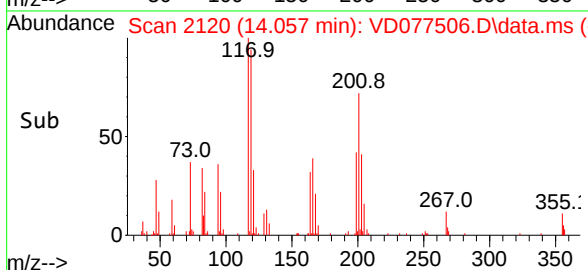
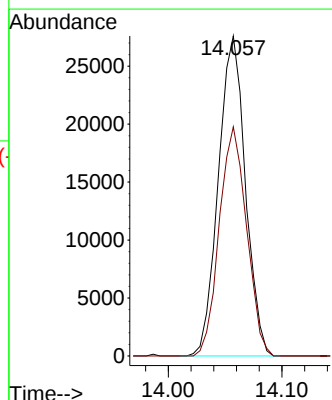
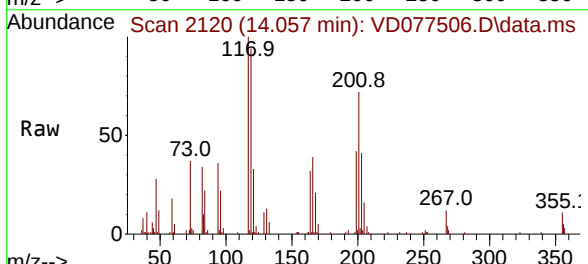
Reviewed By :John Carlone 11/07/2023

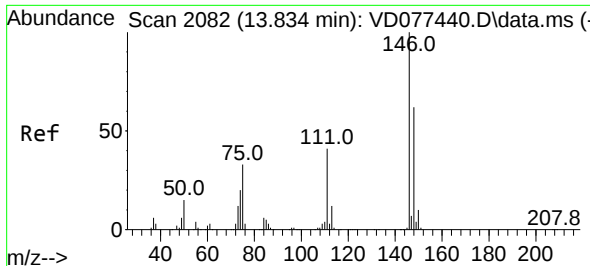
Supervised By :Mahesh Dadoda 11/07/2023



#90
 Hexachloroethane
 Concen: 19.461 ug/l
 RT: 14.057 min Scan# 2120
 Delta R.T. 0.006 min
 Lab File: VD077506.D
 Acq: 06 Nov 2023 11:34

Tgt Ion:	117	Resp:	45685
Ion Ratio	Lower	Upper	
117	100		
201	72.2	38.5	115.5





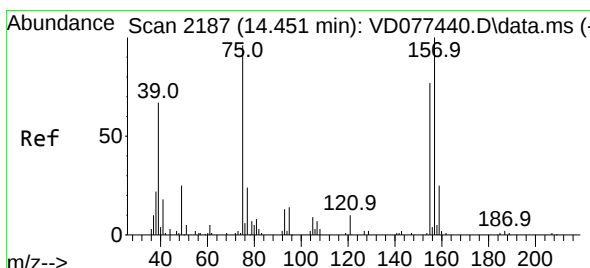
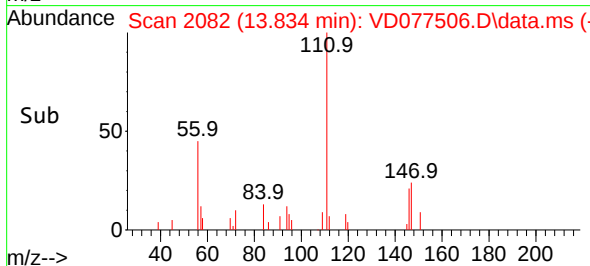
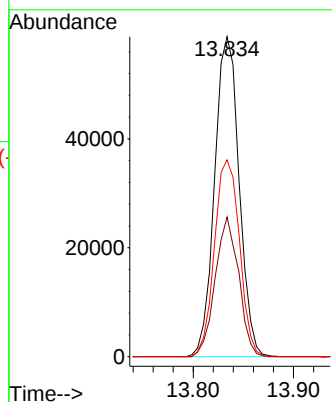
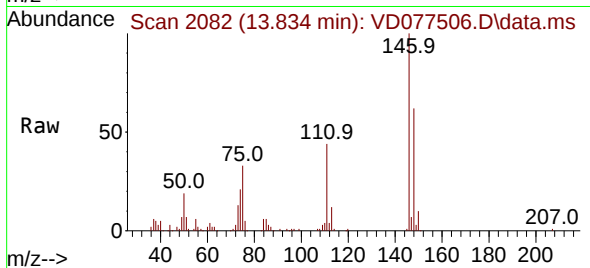
#91
1,2-Dichlorobenzene
Concen: 20.045 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1106SBS01

Tgt Ion:146 Resp: 9965
Ion Ratio Lower Upper
146 100
111 41.8 18.3 54.8
148 62.8 31.6 94.7

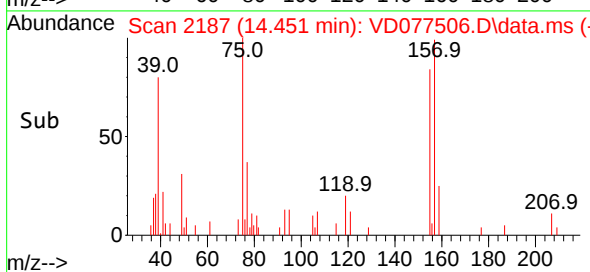
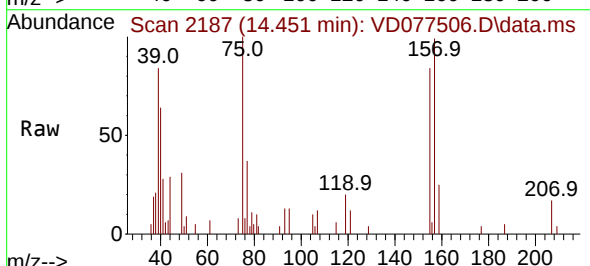
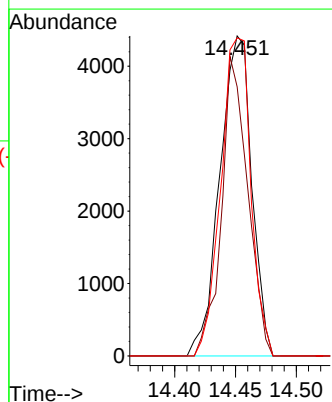
Manual Integrations
APPROVED

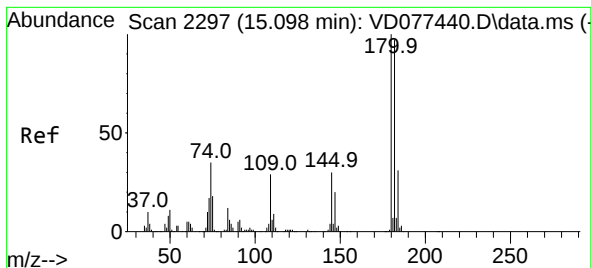
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.688 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

Tgt Ion: 75 Resp: 8069
Ion Ratio Lower Upper
75 100
155 76.9 47.9 143.8
157 93.5 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.104 ug/l

RT: 15.104 min Scan# 2297

Delta R.T. 0.006 min

Lab File: VD077506.D

Acq: 06 Nov 2023 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1106SBS01

Tgt Ion:180 Resp: 65248

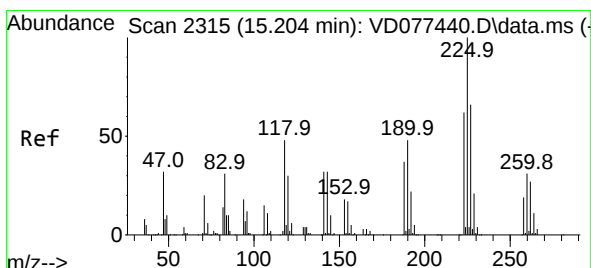
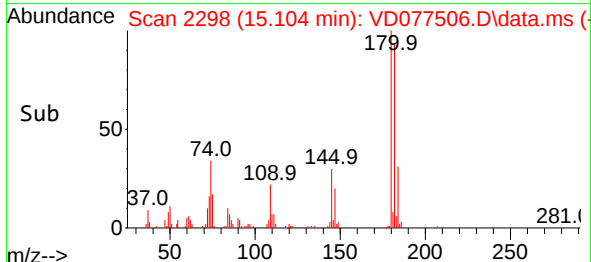
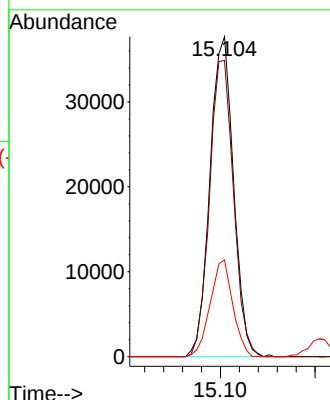
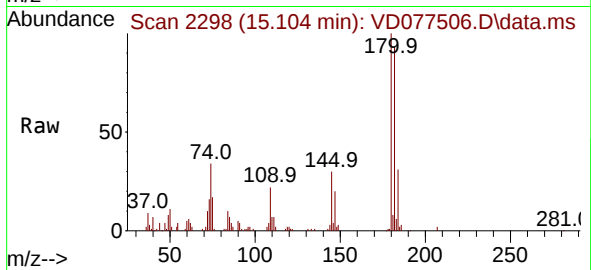
Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.5	145.6
145	29.0	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#94

Hexachlorobutadiene

Concen: 19.055 ug/l

RT: 15.204 min Scan# 2315

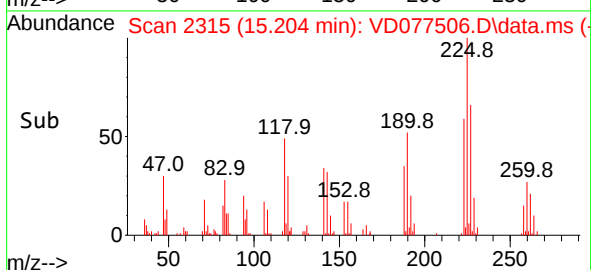
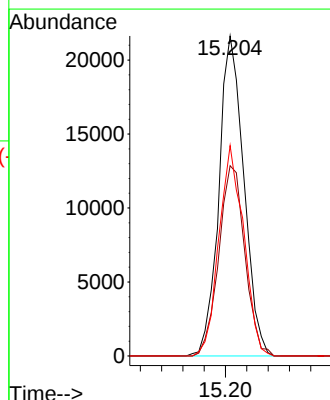
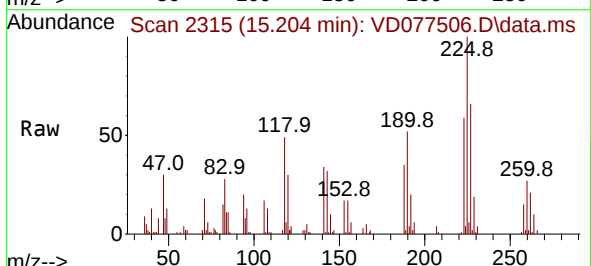
Delta R.T. 0.000 min

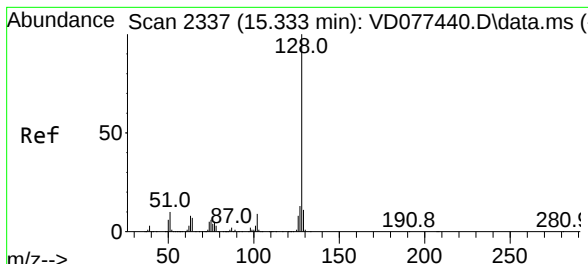
Lab File: VD077506.D

Acq: 06 Nov 2023 11:34

Tgt Ion:225 Resp: 35106

Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.6	94.8
227	65.3	31.7	95.1





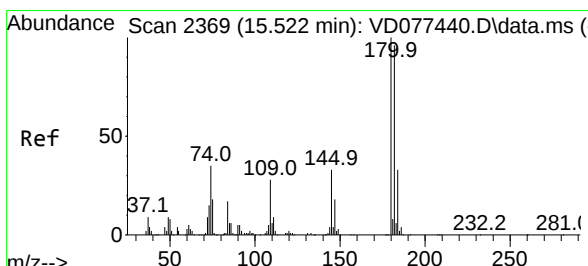
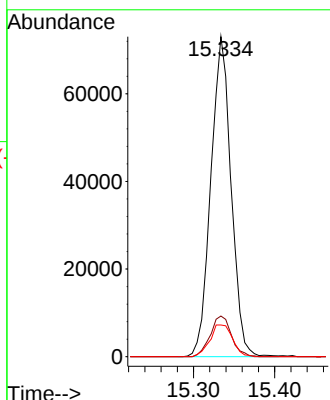
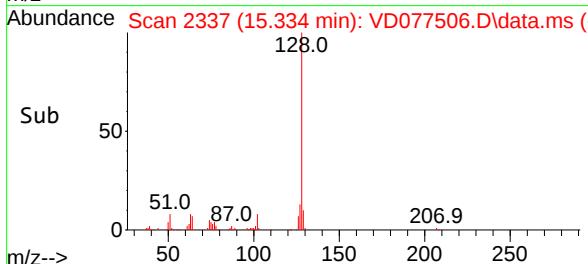
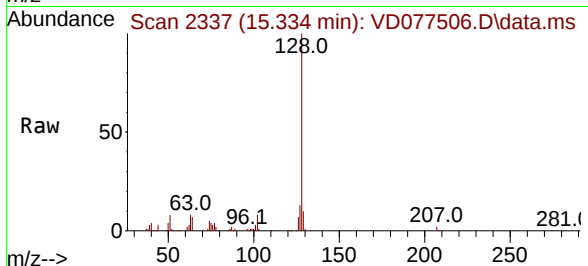
#95
Naphthalene
Concen: 19.439 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

Instrument : MSVOA_D
ClientSampleId : VD1106SBS01

Tgt Ion:	128	Resp:	12665
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.5	15.7
129	9.9	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: 18.594 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077506.D
Acq: 06 Nov 2023 11:34

Tgt Ion:	180	Resp:	54818
Ion Ratio	Lower	Upper	
180	100		
182	96.4	47.3	141.9
145	31.9	15.1	45.3

