

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110623\
 Data File : VD077512.D
 Acq On : 06 Nov 2023 17:22
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 07 02:11:03 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	203386	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	364537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	330031	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	157880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	160885	55.941	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.880%			
35) Dibromofluoromethane	7.810	113	137660	54.637	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.280%			
50) Toluene-d8	10.269	98	555291	56.740	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 113.480%			
62) 4-Bromofluorobenzene	12.575	95	181269	54.994	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.980%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	83011	50.618	ug/l	99
3) Chloromethane	2.152	50	167525	64.342	ug/l	96
4) Vinyl Chloride	2.287	62	185730	73.152	ug/l	99
5) Bromomethane	2.693	94	99987	75.154	ug/l	98
6) Chloroethane	2.840	64	132859	77.723	ug/l	99
7) Trichlorofluoromethane	3.175	101	197303	55.492	ug/l	100
8) Diethyl Ether	3.599	74	74696	58.444	ug/l #	56
9) 1,1,2-Trichlorotrifluo...	3.969	101	119621	55.729	ug/l	94
10) Methyl Iodide	4.169	142	139175	51.257	ug/l #	89
11) Tert butyl alcohol	5.058	59	58036	254.750	ug/l	100
12) 1,1-Dichloroethene	3.946	96	117561	57.852	ug/l #	68
13) Acrolein	3.793	56	65473	217.937	ug/l	100
14) Allyl chloride	4.563	41	275471	56.193	ug/l #	83
15) Acrylonitrile	5.258	53	205278	297.116	ug/l	97
16) Acetone	4.022	43	210321	276.368	ug/l #	79
17) Carbon Disulfide	4.275	76	341108	54.087	ug/l	100
18) Methyl Acetate	4.563	43	166591	60.013	ug/l #	79
19) Methyl tert-butyl Ether	5.316	73	369571	57.939	ug/l #	90
20) Methylene Chloride	4.805	84	168286	59.270	ug/l #	62
21) trans-1,2-Dichloroethene	5.316	96	137883	58.261	ug/l #	70
22) Diisopropyl ether	6.216	45	593271	56.942	ug/l #	89
23) Vinyl Acetate	6.157	43	1288000m	286.547	ug/l	
24) 1,1-Dichloroethane	6.116	63	306087	56.618	ug/l	94
25) 2-Butanone	7.081	43	280323	276.158	ug/l #	74
26) 2,2-Dichloropropane	7.075	77	259863	54.240	ug/l	89
27) cis-1,2-Dichloroethene	7.081	96	171049	58.339	ug/l	73
28) Bromochloromethane	7.434	49	121172	49.463	ug/l #	55
29) Tetrahydrofuran	7.446	42	172177	285.993	ug/l #	70
30) Chloroform	7.599	83	288223	57.099	ug/l	99
31) Cyclohexane	7.881	56	249952	55.596	ug/l #	80
32) 1,1,1-Trichloroethane	7.793	97	236599	56.889	ug/l	96
36) 1,1-Dichloropropene	8.010	75	213024	57.025	ug/l	93
37) Ethyl Acetate	7.169	43	119390	55.690	ug/l #	88
38) Carbon Tetrachloride	7.993	117	200796	57.042	ug/l	98
39) Methylcyclohexane	9.275	83	240898	56.518	ug/l #	82
40) Benzene	8.252	78	631684	59.301	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	79018	57.604	ug/l #	71
42) 1,2-Dichloroethane	8.328	62	189103	56.050	ug/l	90
43) Isopropyl Acetate	8.363	43	243724	55.090	ug/l #	81
44) Trichloroethene	9.028	130	148198	56.796	ug/l	89
45) 1,2-Dichloropropane	9.304	63	181678	57.932	ug/l	100
46) Dibromomethane	9.393	93	82100	54.399	ug/l	91
47) Bromodichloromethane	9.587	83	222255	55.716	ug/l	96
48) Methyl methacrylate	9.381	41	115999	54.929	ug/l #	66
49) 1,4-Dioxane	9.387	88	18647	1149.846	ug/l #	67
51) 4-Methyl-2-Pentanone	10.157	43	612043	281.065	ug/l #	82
52) Toluene	10.334	92	382490	58.901	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	240198	56.865	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	277221	57.032	ug/l #	80
55) 1,1,2-Trichloroethane	10.734	97	115974	57.597	ug/l	94
56) Ethyl methacrylate	10.598	69	169780	56.711	ug/l #	67
57) 1,3-Dichloropropane	10.881	76	214337	56.950	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	438992	292.900	ug/l #	85
59) 2-Hexanone	10.922	43	431446	268.955	ug/l	80
60) Dibromochloromethane	11.075	129	132820	54.857	ug/l	93
61) 1,2-Dibromoethane	11.181	107	103899	54.488	ug/l	99
64) Tetrachloroethene	10.810	164	114279	54.388	ug/l	91
65) Chlorobenzene	11.610	112	395263	57.167	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	144098	55.151	ug/l	98
67) Ethyl Benzene	11.687	91	750173	56.389	ug/l	96
68) m/p-Xylenes	11.793	106	548233	114.120	ug/l	81
69) o-Xylene	12.122	106	267321	58.094	ug/l	82
70) Styrene	12.134	104	455929	57.434	ug/l #	92
71) Bromoform	12.298	173	78829	54.420	ug/l #	98
73) Isopropylbenzene	12.422	105	702530	54.578	ug/l	94
74) N-amyl acetate	12.234	43	232409	50.974	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.675	83	135735	53.794	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	84480m	43.965	ug/l	
77) Bromobenzene	12.704	156	152091	53.680	ug/l	75
78) n-propylbenzene	12.763	91	883747	54.071	ug/l	92
79) 2-Chlorotoluene	12.851	91	486524	52.574	ug/l	90
80) 1,3,5-Trimethylbenzene	12.904	105	580253	53.723	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.469	75	51723	51.994	ug/l	87
82) 4-Chlorotoluene	12.945	91	503211	52.203	ug/l	90
83) tert-Butylbenzene	13.169	119	492042	54.184	ug/l	90
84) 1,2,4-Trimethylbenzene	13.210	105	584474	54.475	ug/l	92
85) sec-Butylbenzene	13.345	105	754749	54.321	ug/l	94
86) p-Isopropyltoluene	13.463	119	620320	54.927	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	309424	55.558	ug/l	95
88) 1,4-Dichlorobenzene	13.539	146	304978	54.809	ug/l	97
89) n-Butylbenzene	13.787	91	632813	53.910	ug/l	97
90) Hexachloroethane	14.057	117	120770	52.258	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	270394	55.244	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	21038	49.492	ug/l	84
93) 1,2,4-Trichlorobenzene	15.098	180	178239	53.009	ug/l	98
94) Hexachlorobutadiene	15.204	225	91991	50.720	ug/l	98
95) Naphthalene	15.333	128	349548	54.495	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	155308	53.510	ug/l	99

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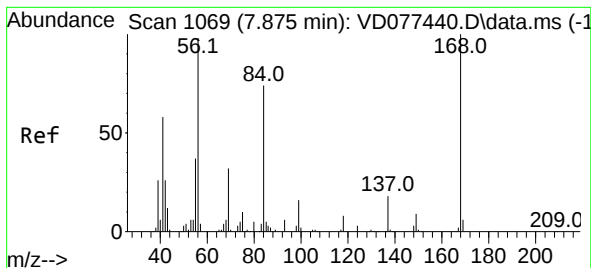
Manual Integrations
APPROVED

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 Supervised By :Mahesh Dadoda 11/07/2023

Quant Time: Nov 07 02:11:03 2023
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 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077512.D

Acq: 06 Nov 2023 17:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 203380

Ion Ratio Lower Upper

168 100

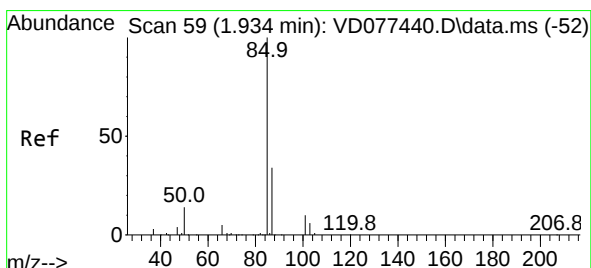
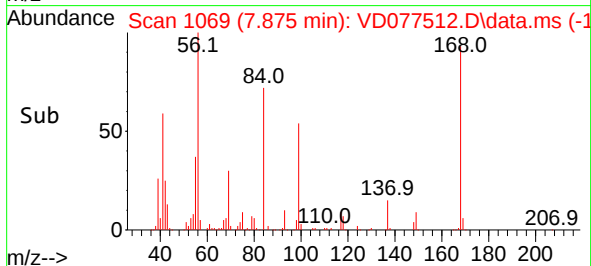
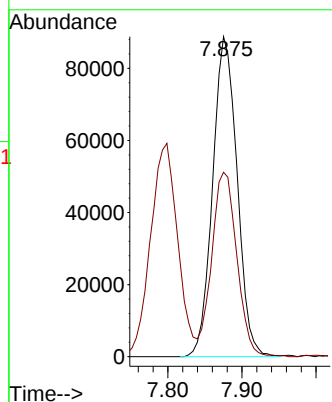
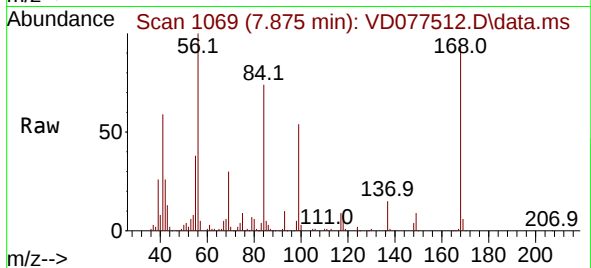
99 57.4 36.7 55.1

Manual Integrations

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Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#2

Dichlorodifluoromethane

Concen: 50.618 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077512.D

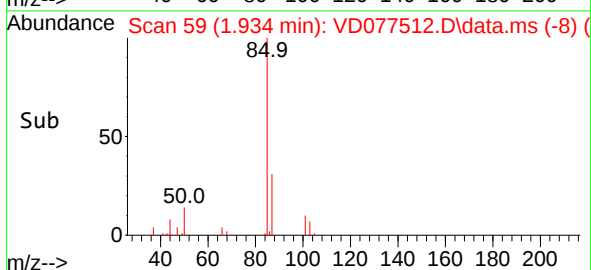
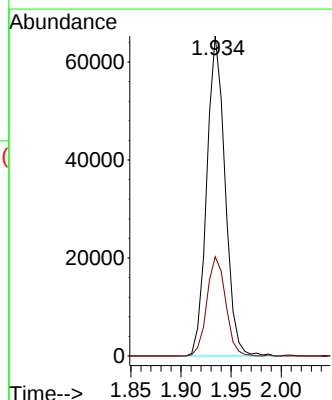
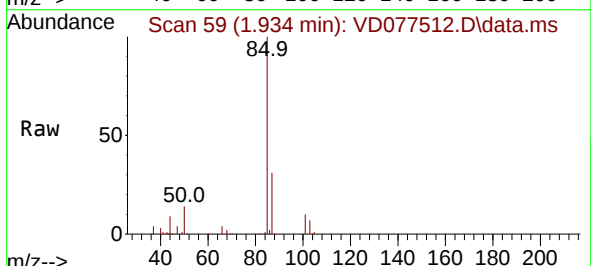
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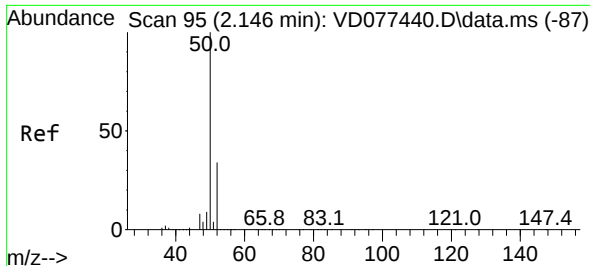
Tgt Ion: 85 Resp: 83011

Ion Ratio Lower Upper

85 100

87 31.0 15.7 47.0





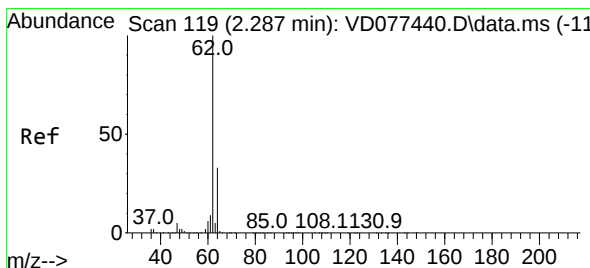
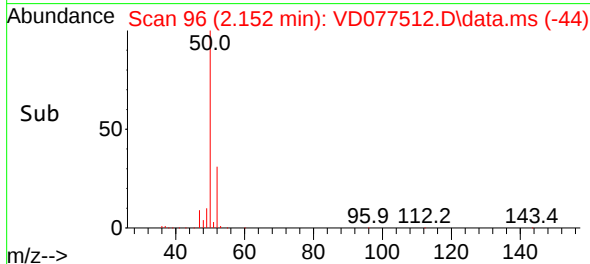
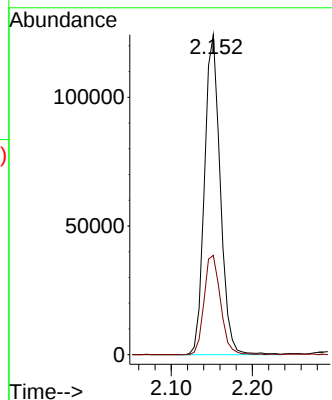
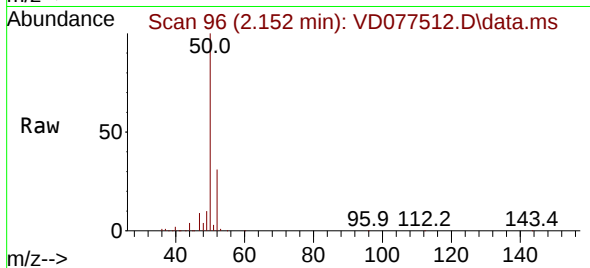
#3
Chloromethane
Concen: 64.342 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 16752
Ion Ratio Lower Upper
50 100
52 31.0 26.6 40.0

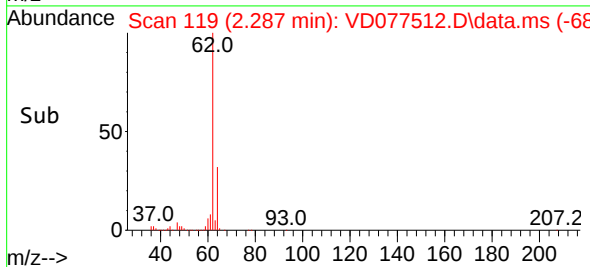
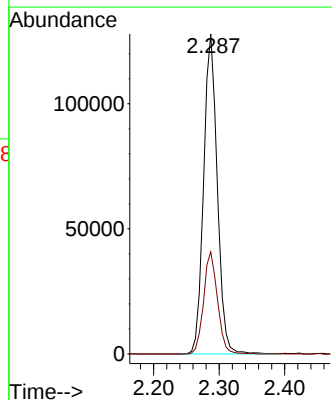
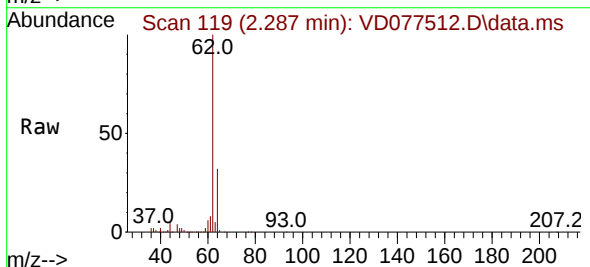
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#4
Vinyl Chloride
Concen: 73.152 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

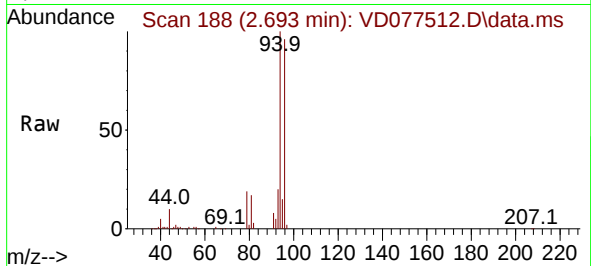
Tgt Ion: 62 Resp: 185730
Ion Ratio Lower Upper
62 100
64 31.9 26.0 39.0





#5
Bromomethane
Concen: 75.154 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

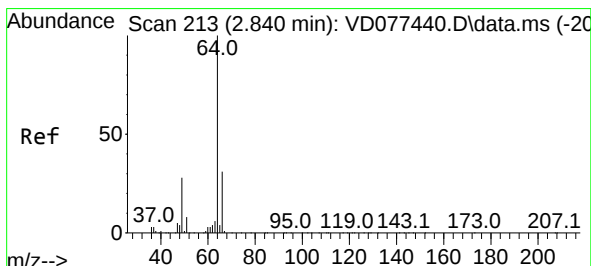
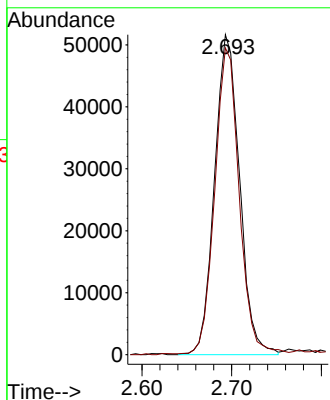
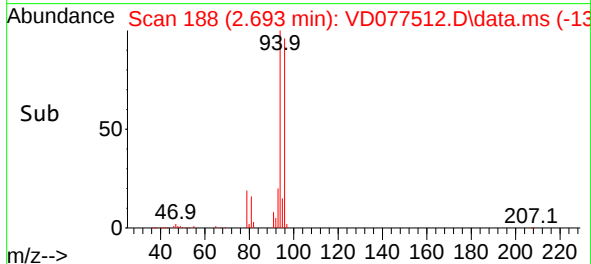
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



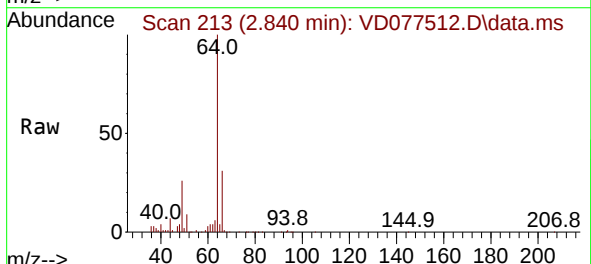
Tgt Ion: 94 Resp: 9998
Ion Ratio Lower Upper
94 100
96 92.8 75.8 113.8

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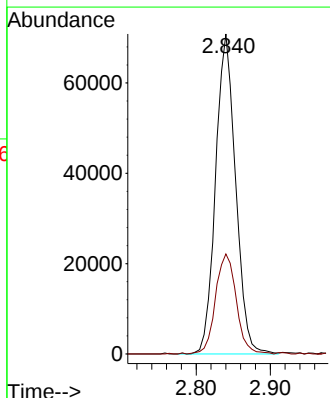
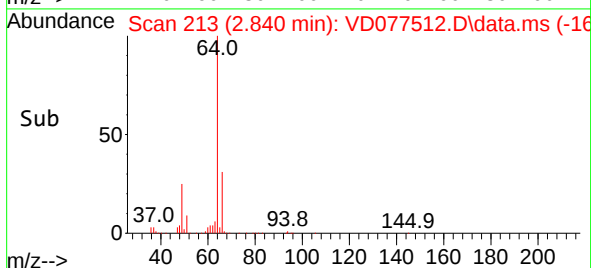
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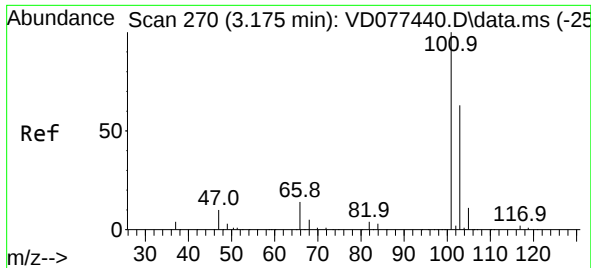


#6
Chloroethane
Concen: 77.723 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22



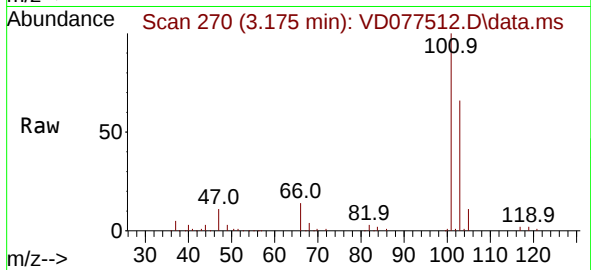
Tgt Ion: 64 Resp: 132859
Ion Ratio Lower Upper
64 100
66 31.2 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 55.492 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077512.D
 Acq: 06 Nov 2023 17:22

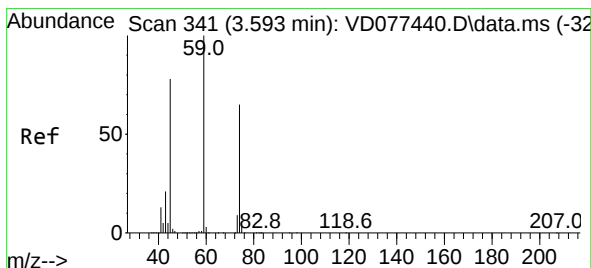
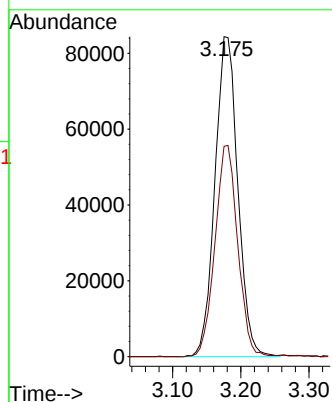
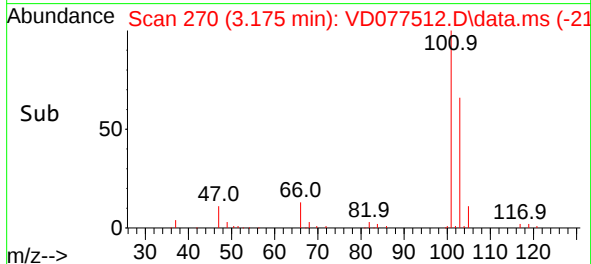
Instrument :
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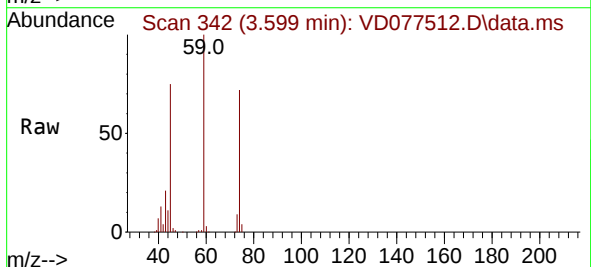
Tgt Ion:101 Resp: 19730
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.3 78.5

Manual Integrations
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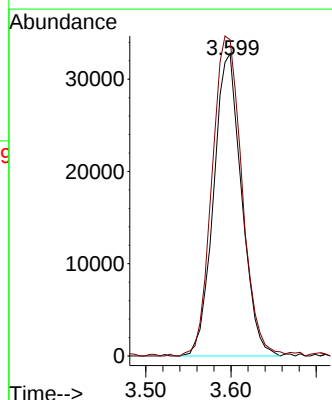
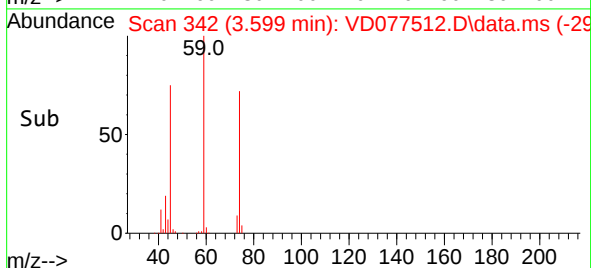
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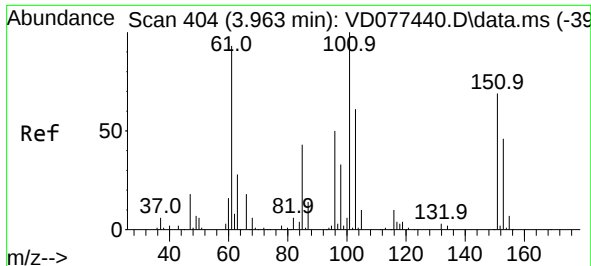


#8
 Diethyl Ether
 Concen: 58.444 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD077512.D
 Acq: 06 Nov 2023 17:22



Tgt Ion: 74 Resp: 74696
 Ion Ratio Lower Upper
 74 100
 45 112.9 37.5 112.7#





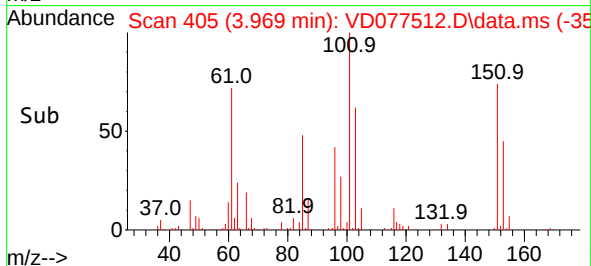
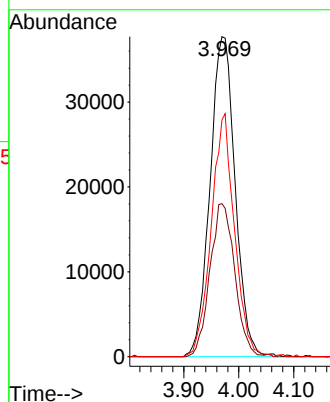
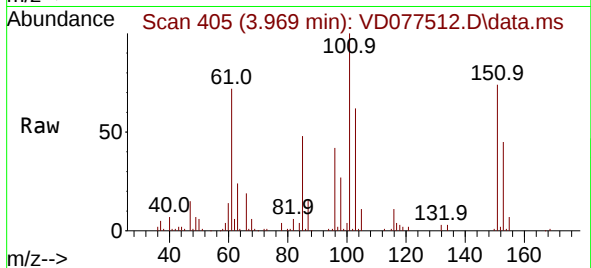
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.729 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

Instrument :
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Tgt Ion:101 Resp: 11962
Ion Ratio Lower Upper
101 100
85 47.2 33.8 50.6
151 70.3 59.8 89.6

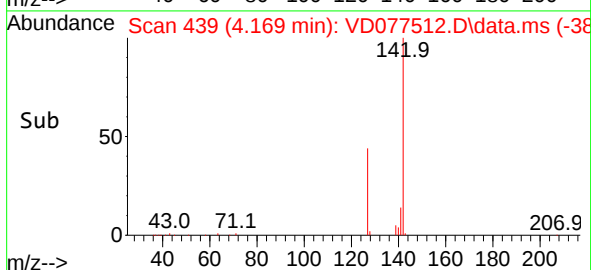
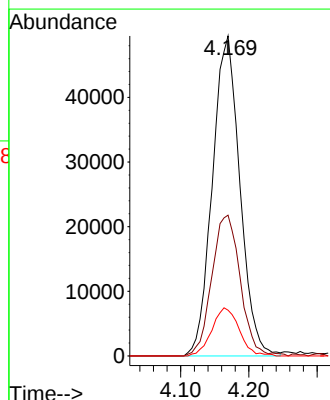
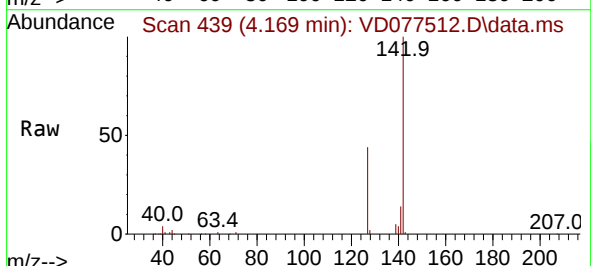
Manual Integrations
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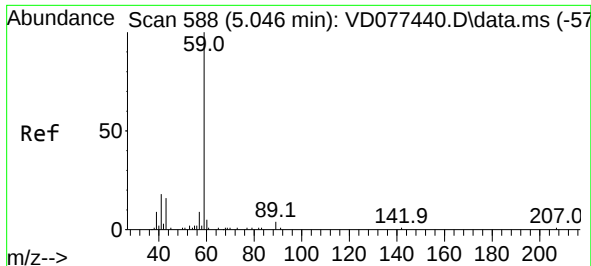
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#10
Methyl Iodide
Concen: 51.257 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

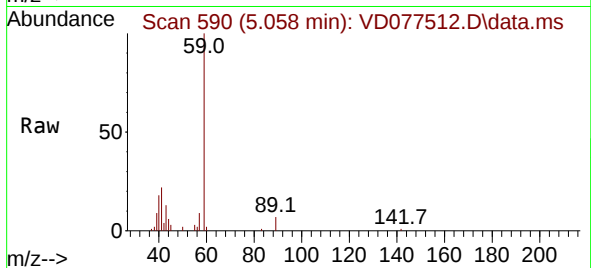
Tgt Ion:142 Resp: 139175
Ion Ratio Lower Upper
142 100
127 45.5 29.4 44.0#
141 14.9 11.1 16.7





#11
Tert butyl alcohol
Concen: 254.750 ug/l
RT: 5.058 min Scan# 588
Delta R.T. 0.012 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

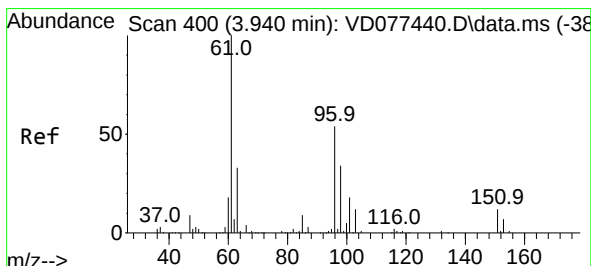
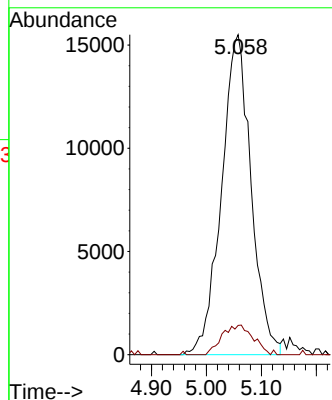
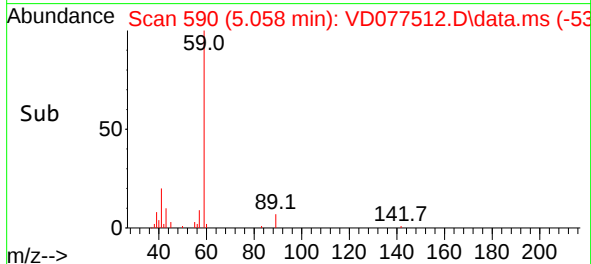
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



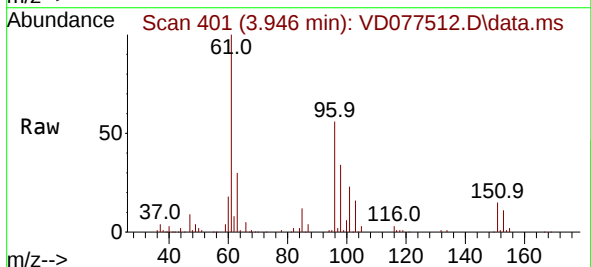
Tgt Ion: 59 Resp: 58036
Ion Ratio Lower Upper
59 100
57 9.6 7.8 11.8

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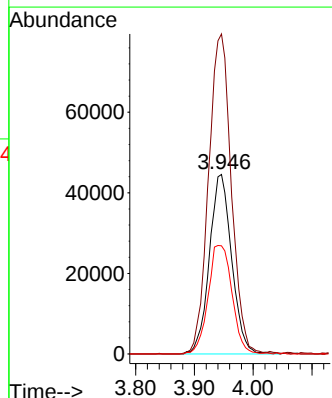
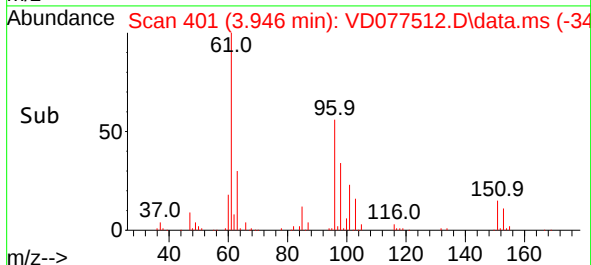
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

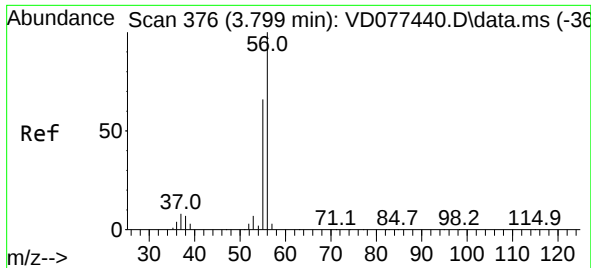


#12
1,1-Dichloroethene
Concen: 57.852 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22



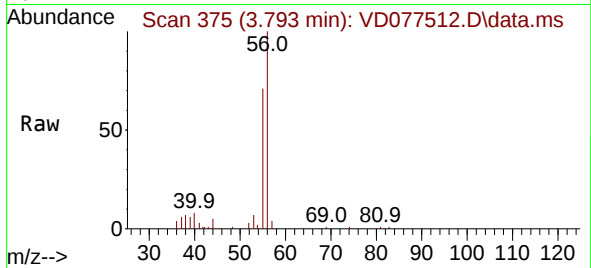
Tgt Ion: 96 Resp: 117561
Ion Ratio Lower Upper
96 100
61 178.2 100.6 150.8#
98 60.2 50.2 75.2





#13
Acrolein
Concen: 217.937 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

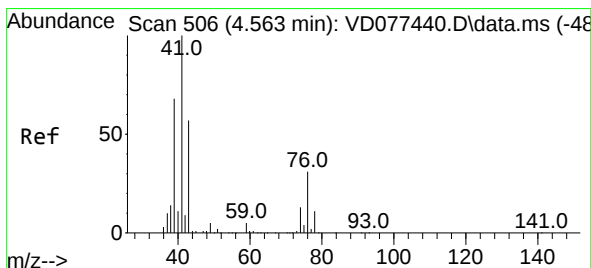
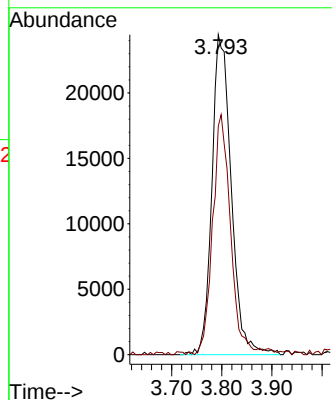
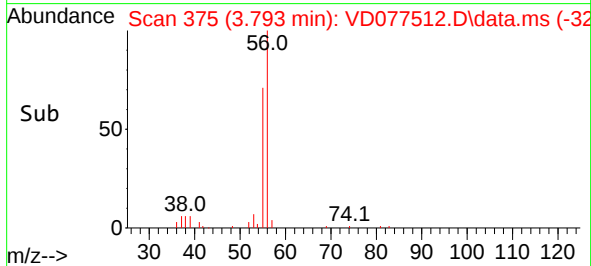
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 6547
Ion Ratio Lower Upper
56 100
55 69.2 55.1 82.7

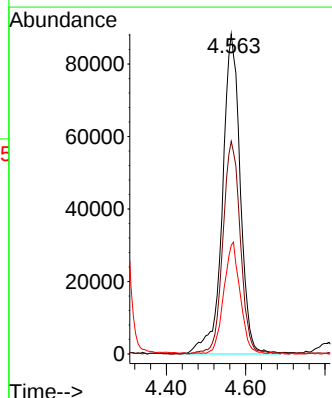
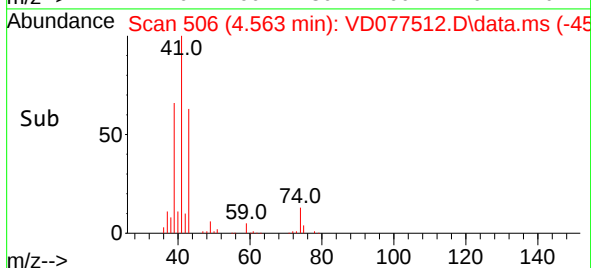
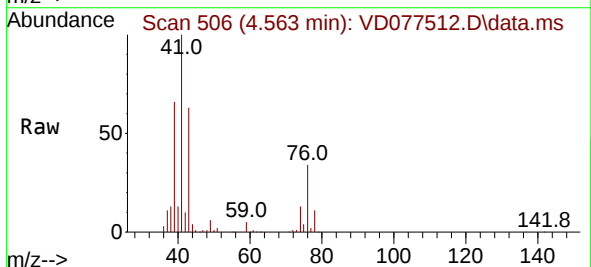
Manual Integrations
APPROVED

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



#14
Allyl chloride
Concen: 56.193 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

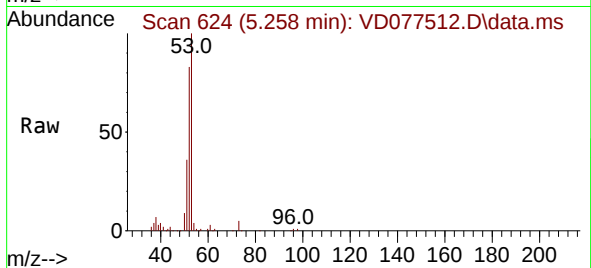
Tgt Ion: 41 Resp: 275471
Ion Ratio Lower Upper
41 100
39 65.2 53.8 80.6
76 31.7 45.8 68.8#





#15
Acrylonitrile
Concen: 297.116 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

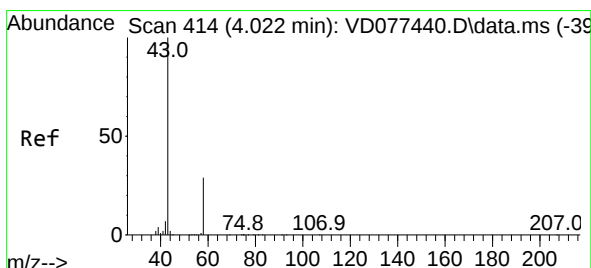
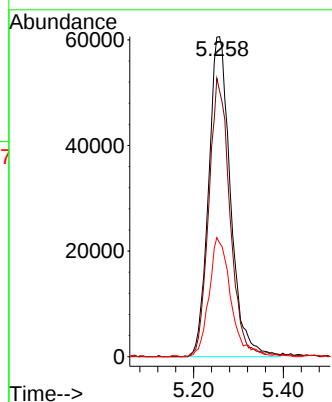
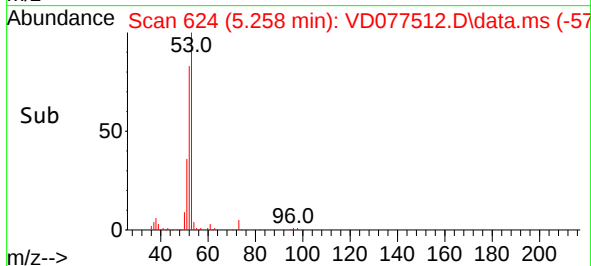
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 205278
Ion Ratio Lower Upper
53 100
52 84.1 65.0 97.4
51 37.1 28.3 42.5

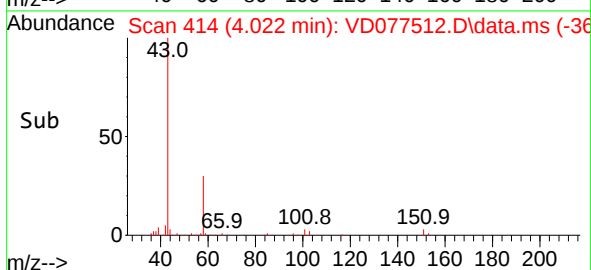
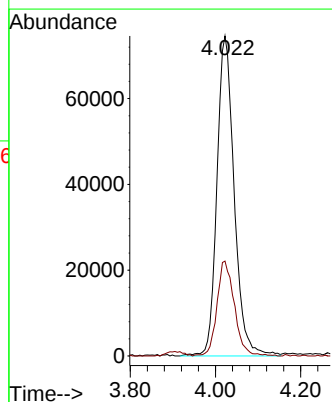
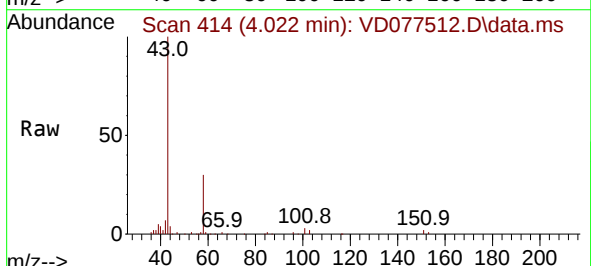
Manual Integrations
APPROVED

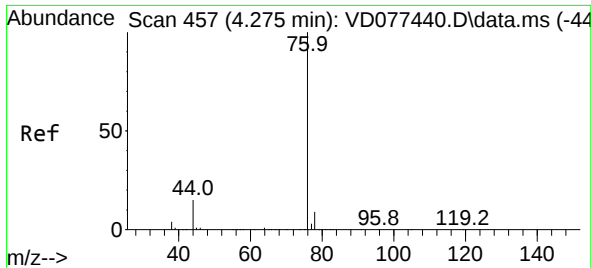
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#16
Acetone
Concen: 276.368 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

Tgt Ion: 43 Resp: 210321
Ion Ratio Lower Upper
43 100
58 29.7 34.7 52.1#





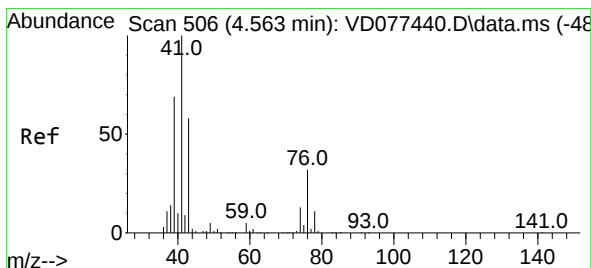
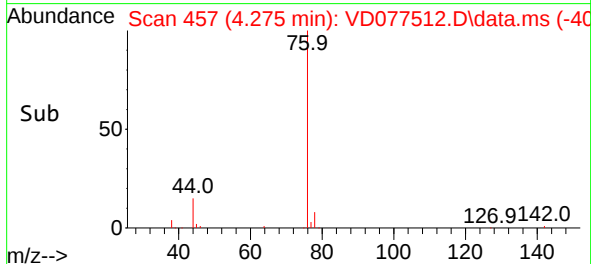
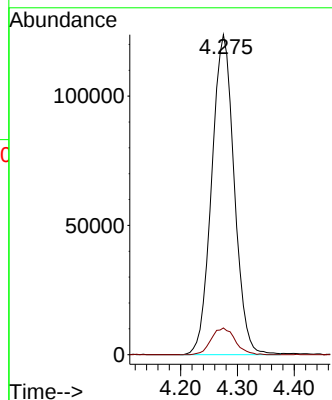
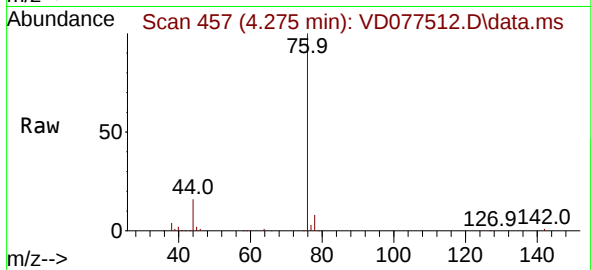
#17
Carbon Disulfide
Concen: 54.087 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 341108
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2

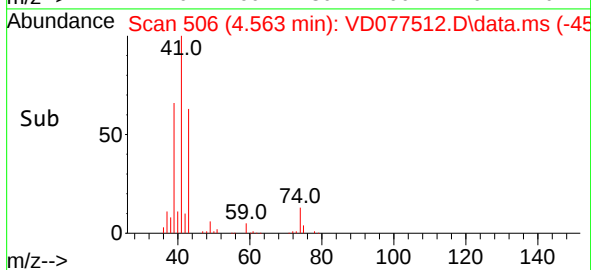
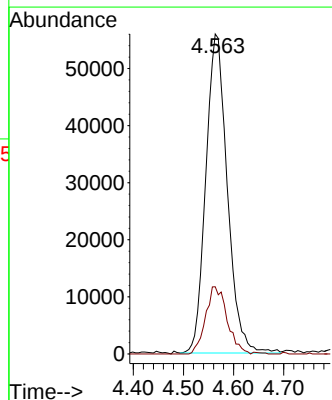
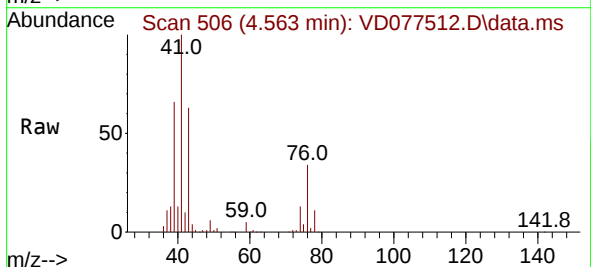
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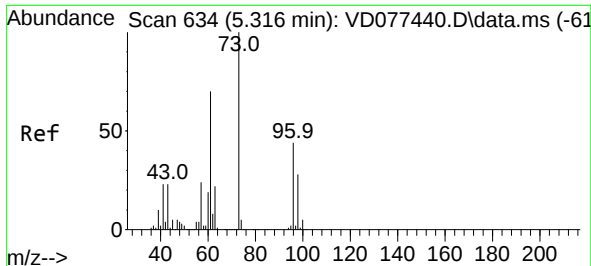
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#18
Methyl Acetate
Concen: 60.013 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

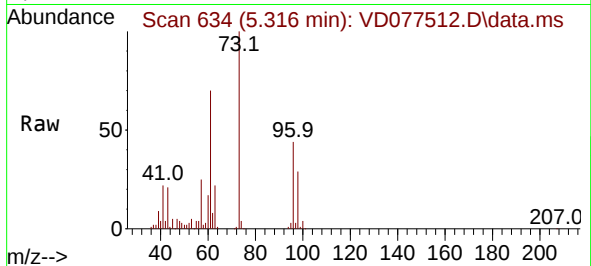
Tgt Ion: 43 Resp: 166591
Ion Ratio Lower Upper
43 100
74 21.0 26.4 39.6#





#19
Methyl tert-butyl Ether
Concen: 57.939 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

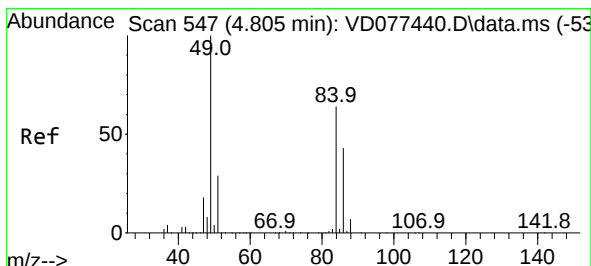
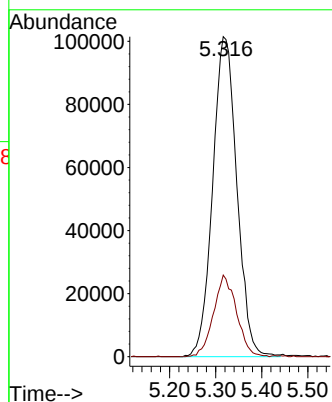
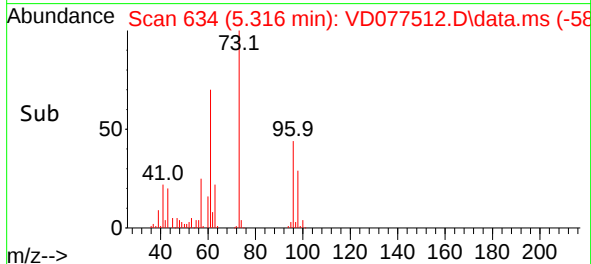
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 36957
Ion Ratio Lower Upper
73 100
57 25.5 16.6 25.0

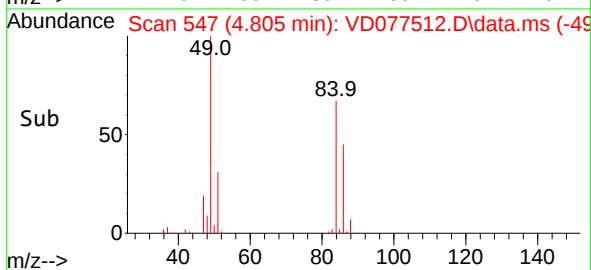
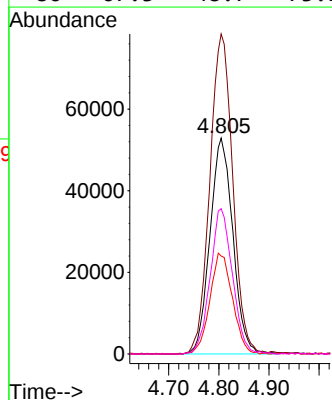
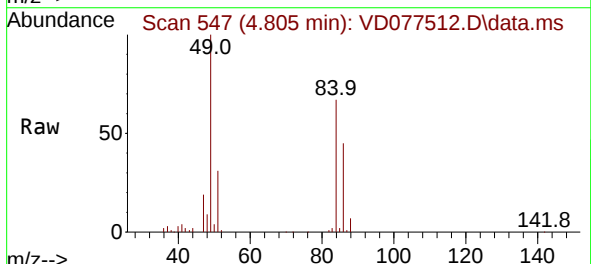
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 59.270 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

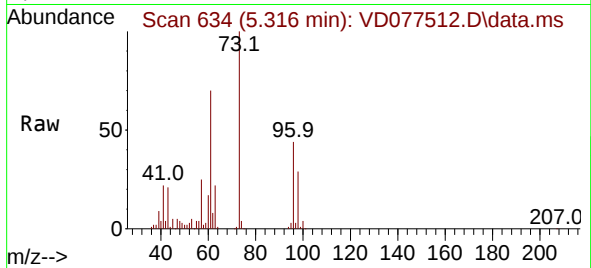
Tgt Ion: 84 Resp: 168286
Ion Ratio Lower Upper
84 100
49 147.8 71.4 107.2#
51 45.4 24.5 36.7#
86 67.3 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 58.261 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

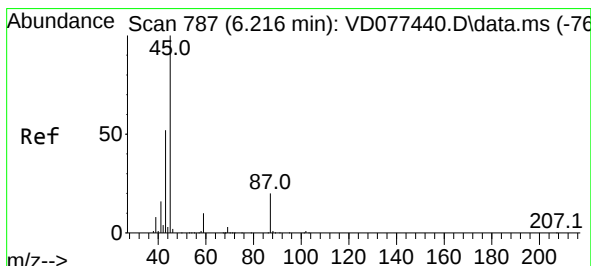
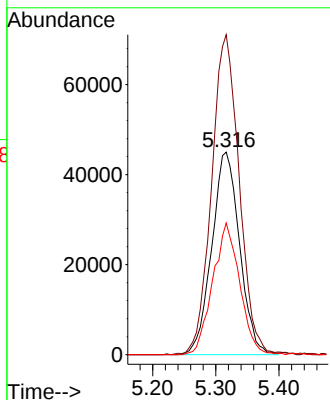
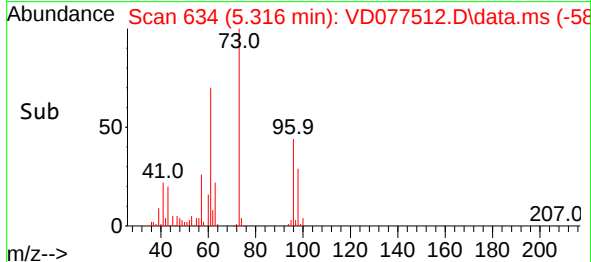
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 137883
Ion Ratio Lower Upper
96 100
61 157.3 89.3 133.9#
98 65.0 48.6 73.0

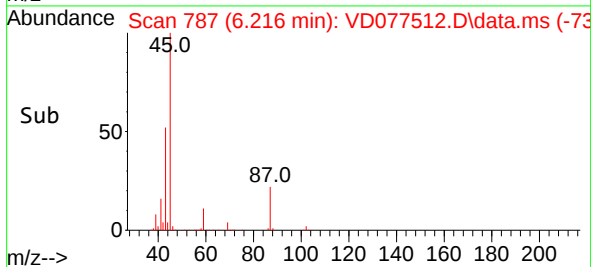
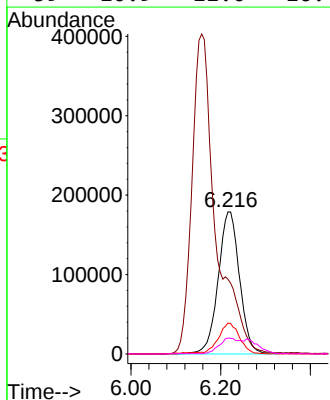
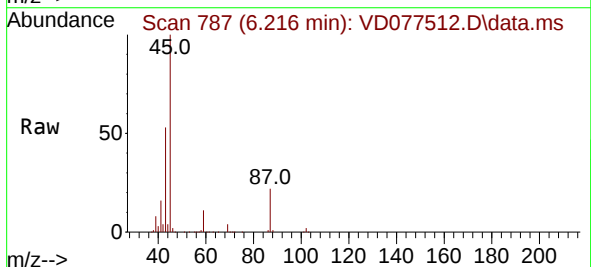
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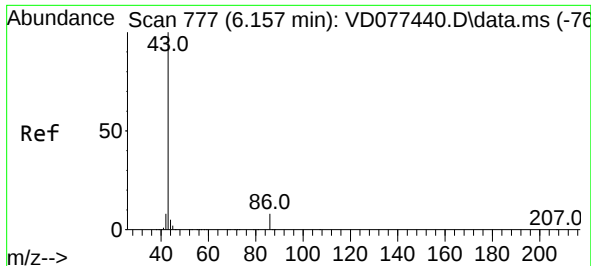
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#22
Diisopropyl ether
Concen: 56.942 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

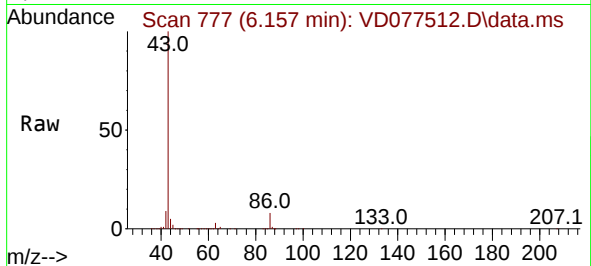
Tgt Ion: 45 Resp: 593271
Ion Ratio Lower Upper
45 100
43 51.7 40.0 60.0
87 21.7 28.2 42.4#
59 10.9 11.0 16.4#





#23
 Vinyl Acetate
 Concen: 286.547 ug/l m
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077512.D
 Acq: 06 Nov 2023 17:22

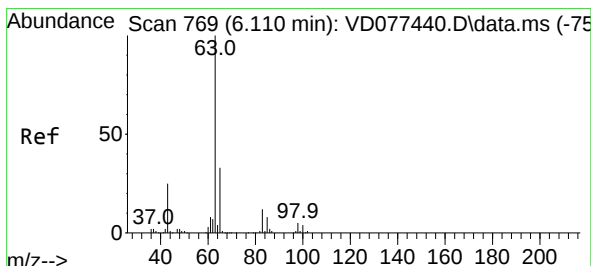
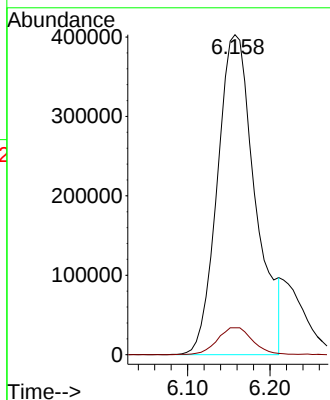
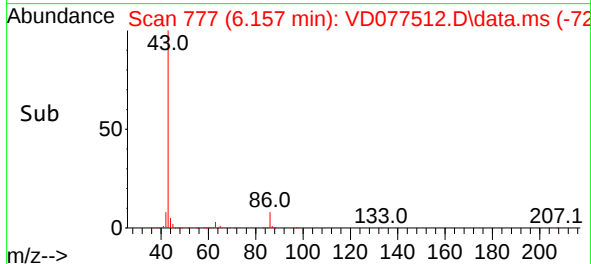
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 1288000
 Ion Ratio Lower Upper
 43 100
 86 8.4 12.5 18.7

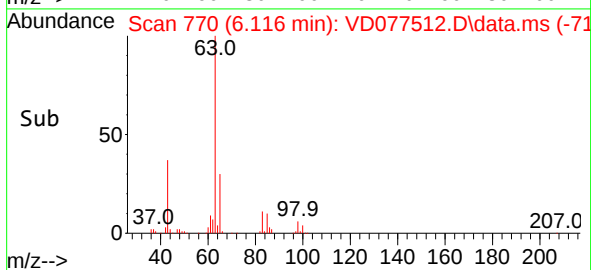
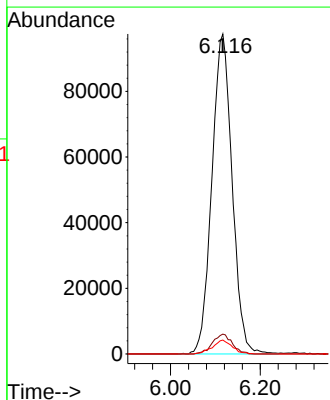
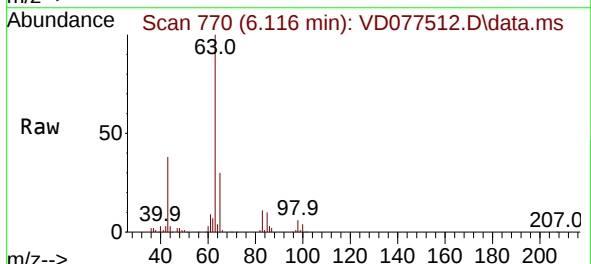
Manual Integrations
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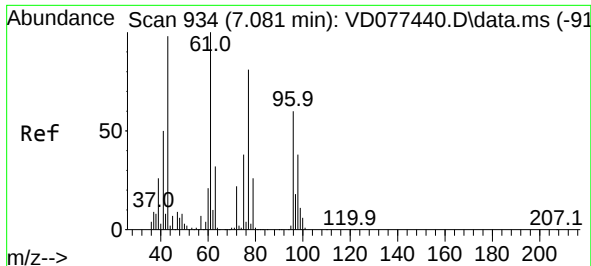
Reviewed By :John Carlone 11/07/2023
 Supervised By :Mahesh Dadoda 11/07/2023



#24
 1,1-Dichloroethane
 Concen: 56.618 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077512.D
 Acq: 06 Nov 2023 17:22

Tgt Ion: 63 Resp: 306087
 Ion Ratio Lower Upper
 63 100
 98 6.2 4.5 13.7
 100 4.4 2.5 7.5





#25

2-Butanone

Concen: 276.158 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD077512.D

Acq: 06 Nov 2023 17:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 28032

Ion Ratio Lower Upper

43 100

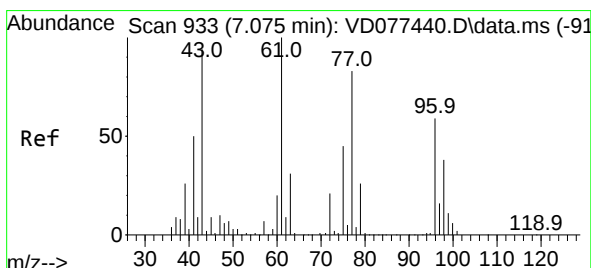
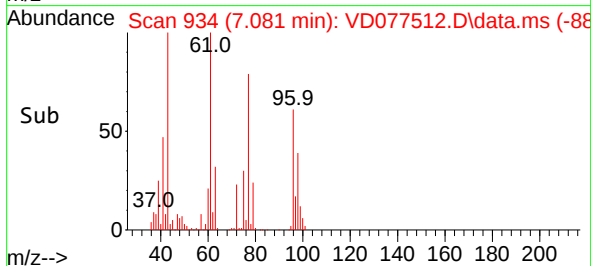
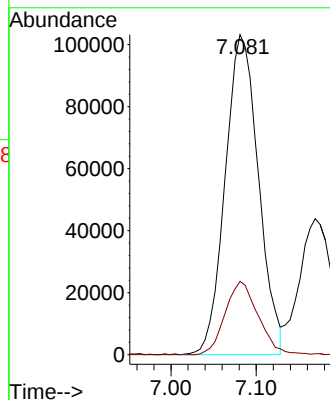
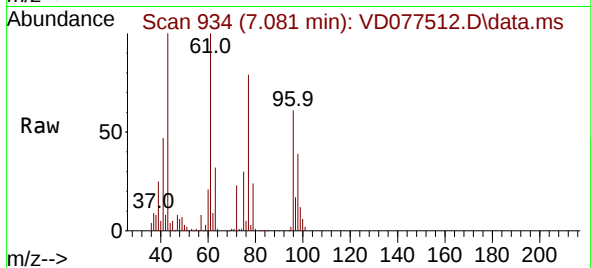
72 22.9 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#26

2,2-Dichloropropane

Concen: 54.240 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD077512.D

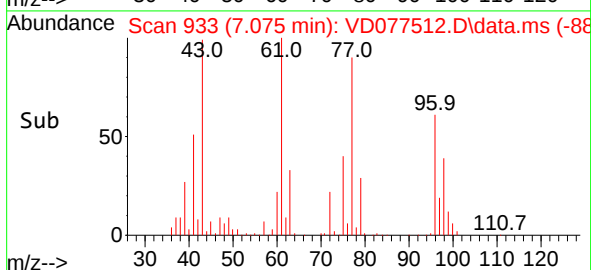
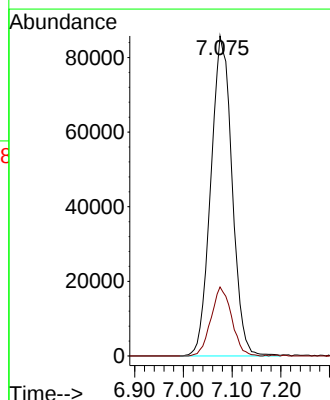
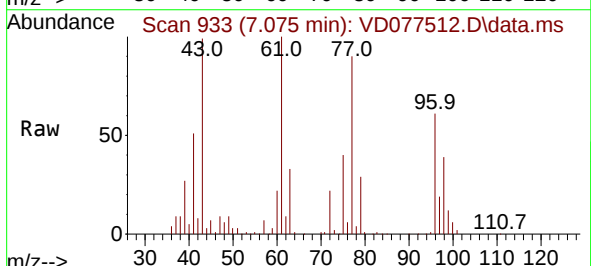
Acq: 06 Nov 2023 17:22

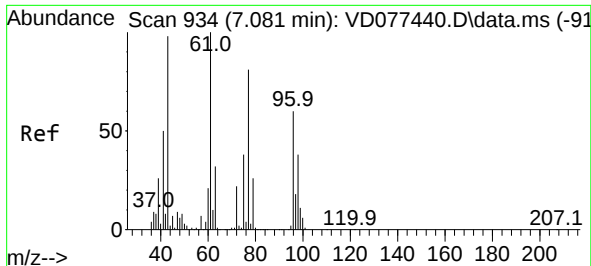
Tgt Ion: 77 Resp: 259863

Ion Ratio Lower Upper

77 100

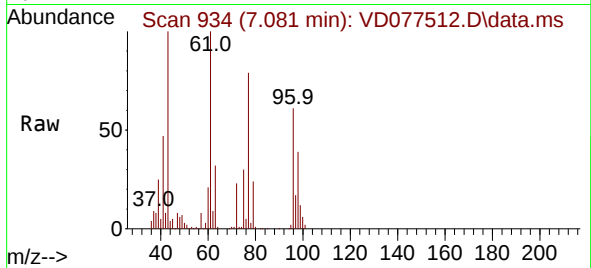
97 20.9 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 58.339 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077512.D
 Acq: 06 Nov 2023 17:22

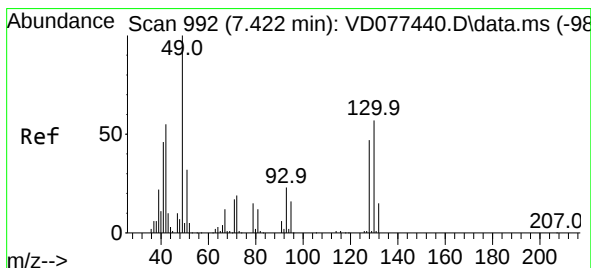
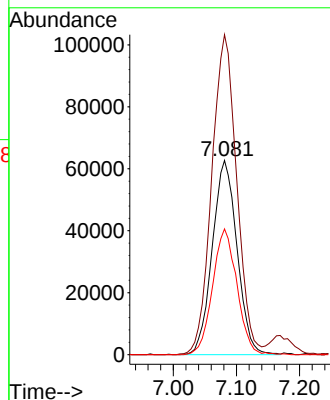
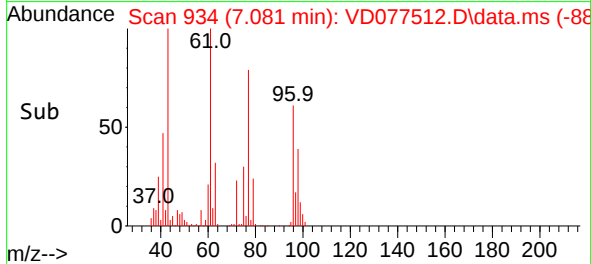
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 171049
 Ion Ratio Lower Upper
 96 100
 61 165.7 0.0 239.2
 98 63.8 0.0 128.6

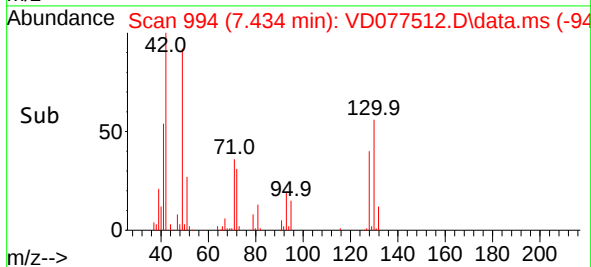
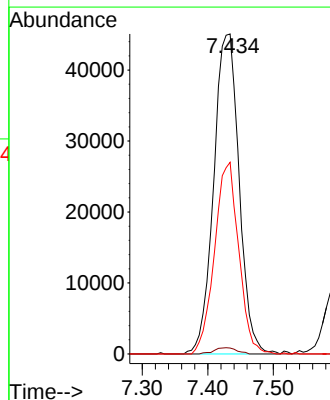
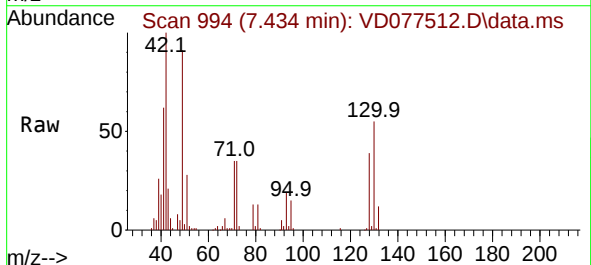
Manual Integrations
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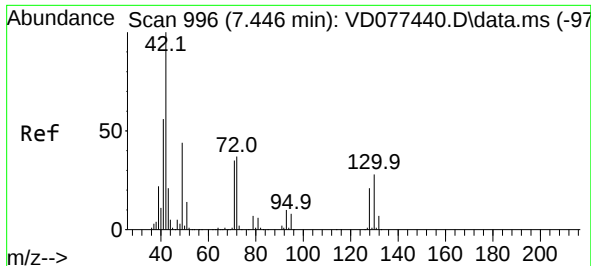
Reviewed By :John Carlone 11/07/2023
 Supervised By :Mahesh Dadoda 11/07/2023



#28
 Bromochloromethane
 Concen: 49.463 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.012 min
 Lab File: VD077512.D
 Acq: 06 Nov 2023 17:22

Tgt Ion: 49 Resp: 121172
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 6.0
 130 57.1 83.2 124.8#





#29

Tetrahydrofuran

Concen: 285.993 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD077512.D

Acq: 06 Nov 2023 17:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 17217

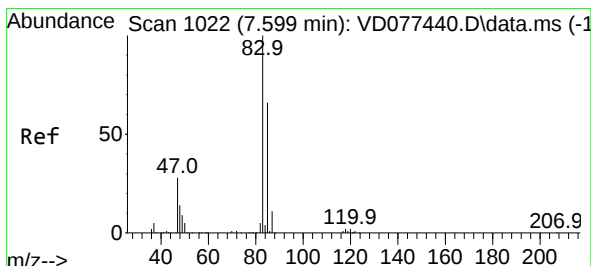
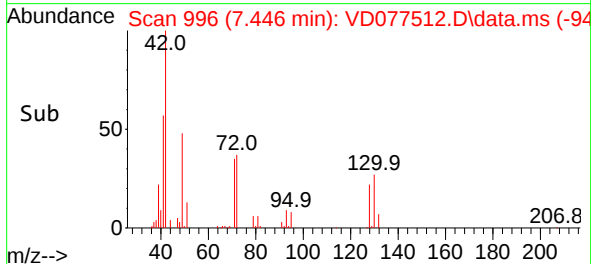
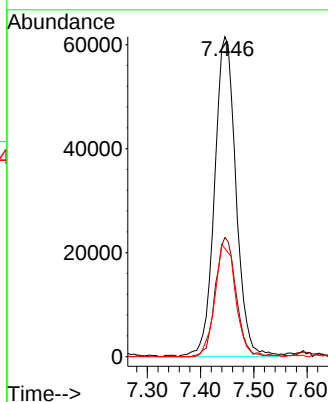
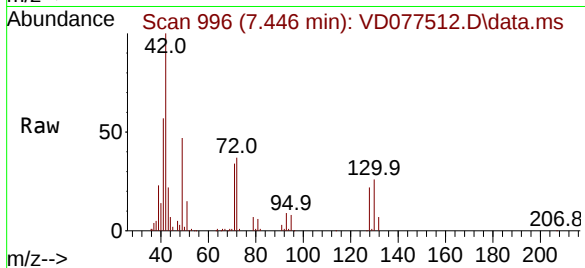
Ion	Ratio	Lower	Upper
42	100		
72	35.9	46.5	69.7
71	34.1	44.5	66.7

Manual Integrations

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Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#30

Chloroform

Concen: 57.099 ug/l

RT: 7.599 min Scan# 1022

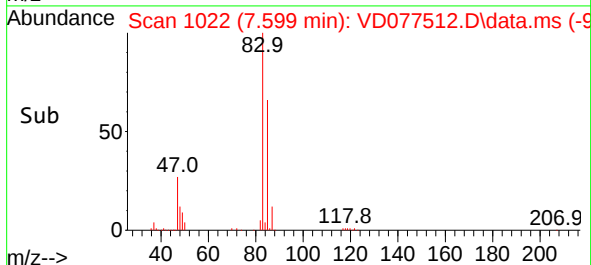
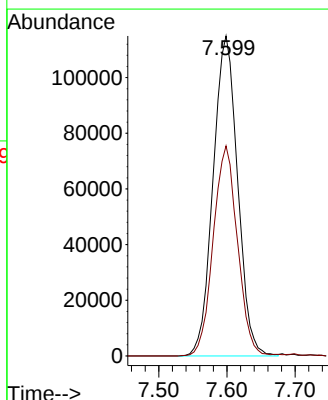
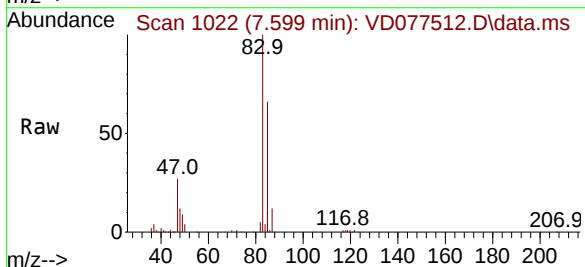
Delta R.T. 0.000 min

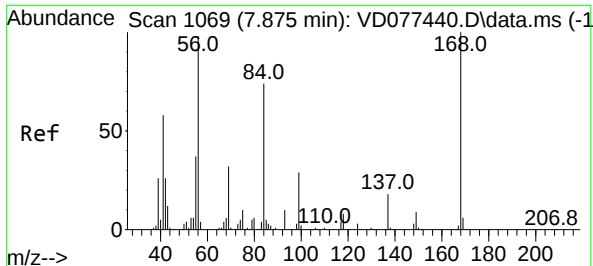
Lab File: VD077512.D

Acq: 06 Nov 2023 17:22

Tgt Ion: 83 Resp: 288223

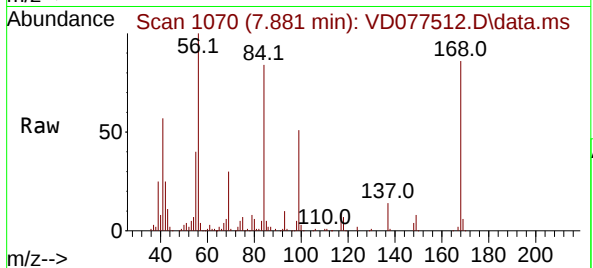
Ion	Ratio	Lower	Upper
83	100		
85	65.7	53.4	80.2





#31
Cyclohexane
Concen: 55.596 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

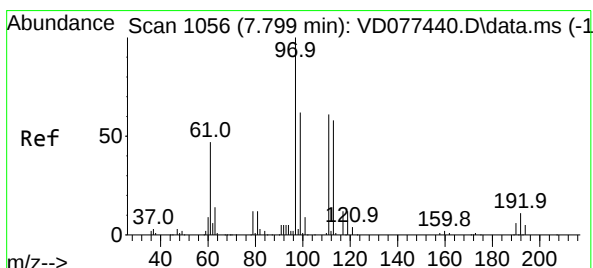
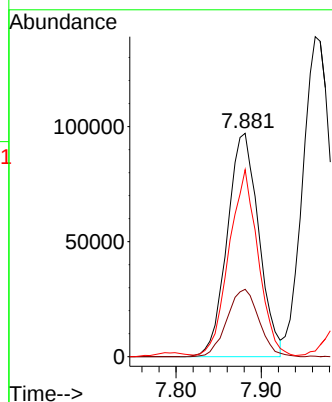
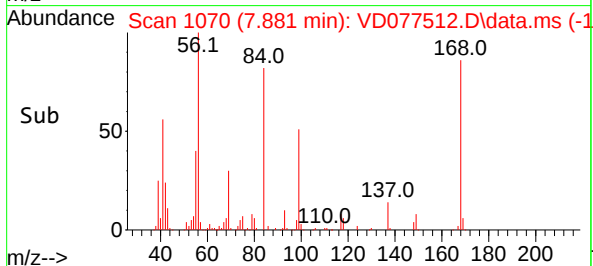
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



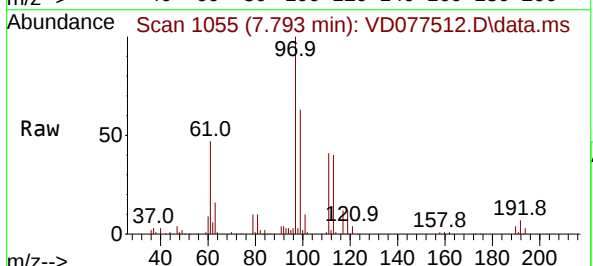
Tgt Ion: 56 Resp: 249952
Ion Ratio Lower Upper
56 100
69 30.1 28.6 43.0
84 82.2 84.8 127.2

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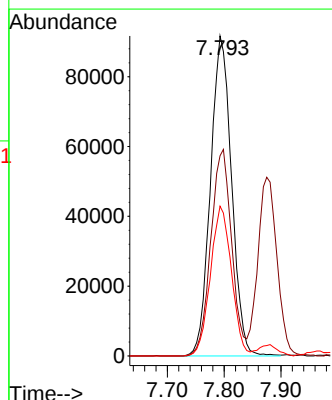
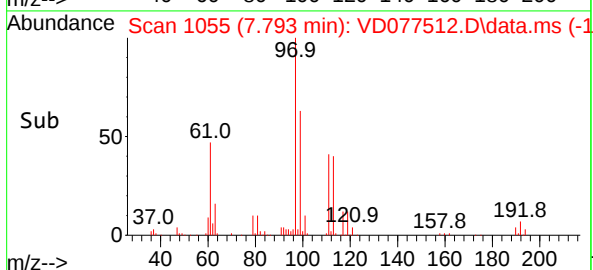
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

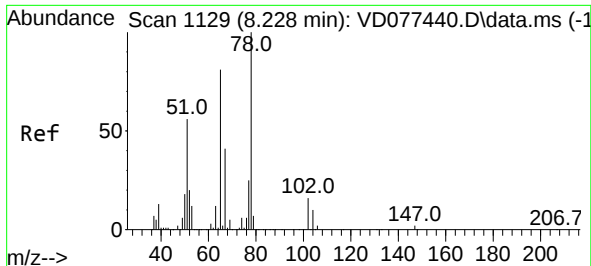


#32
1,1,1-Trichloroethane
Concen: 56.889 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22



Tgt Ion: 97 Resp: 236599
Ion Ratio Lower Upper
97 100
99 64.0 52.0 78.0
61 46.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 55.941 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD077512.D

Acq: 06 Nov 2023 17:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 16088

Ion Ratio Lower Upper

65 100

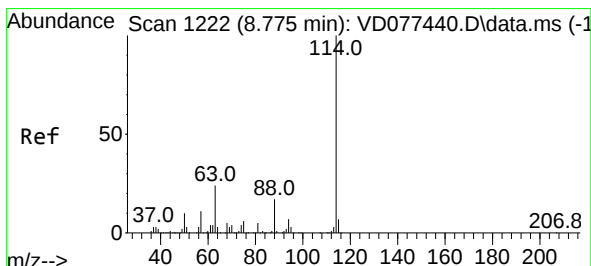
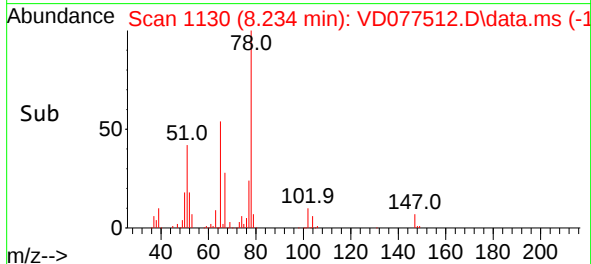
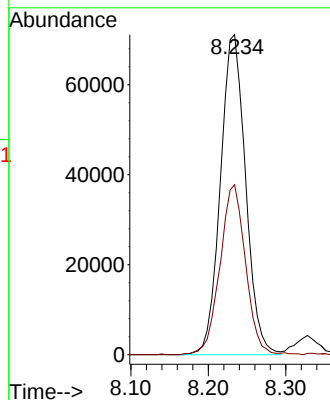
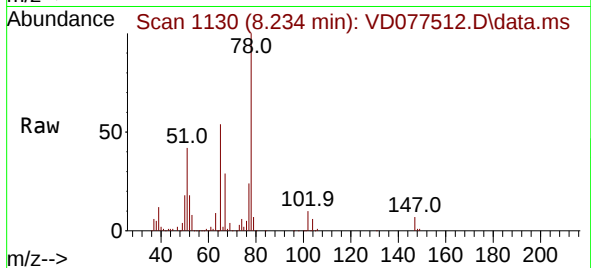
67 54.0 0.0 115.0

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: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077512.D

Acq: 06 Nov 2023 17:22

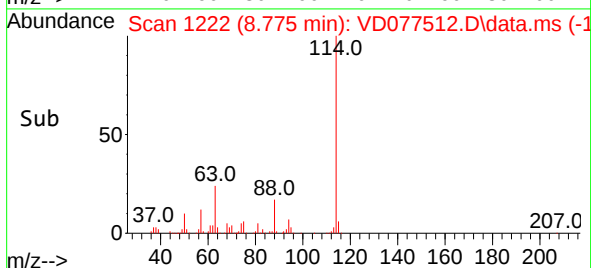
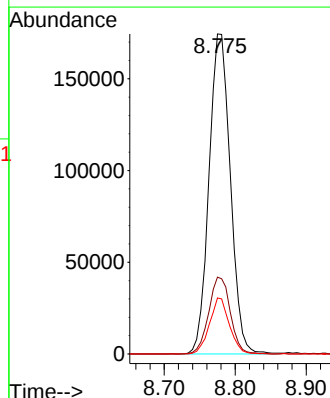
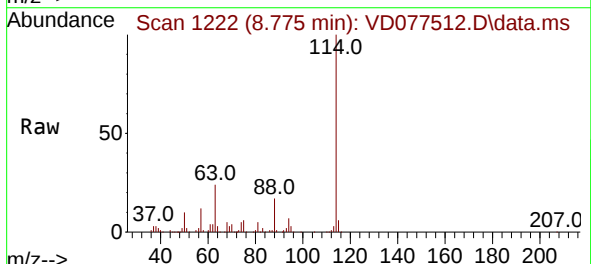
Tgt Ion:114 Resp: 364537

Ion Ratio Lower Upper

114 100

63 24.0 0.0 33.4

88 17.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 54.637 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077512.D

Acq: 06 Nov 2023 17:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 137660

Ion Ratio Lower Upper

113 100

111 103.3 84.7 127.1

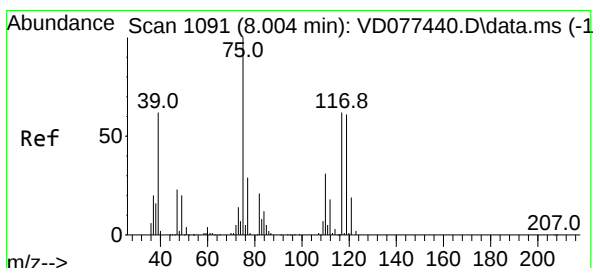
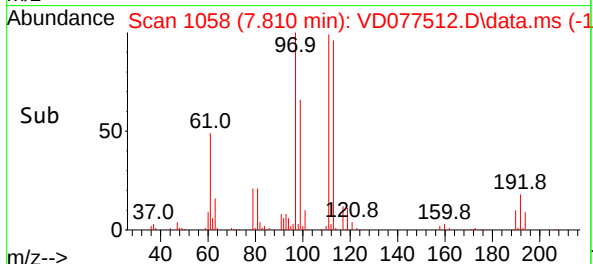
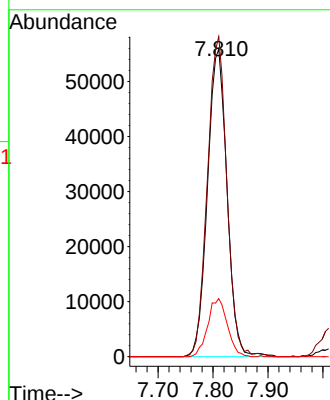
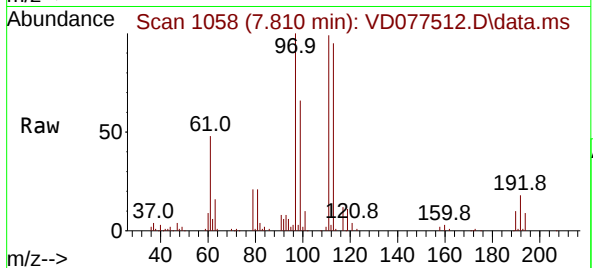
192 19.0 16.8 25.2

Manual Integrations

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Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#36

1,1-Dichloropropene

Concen: 57.025 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD077512.D

Acq: 06 Nov 2023 17:22

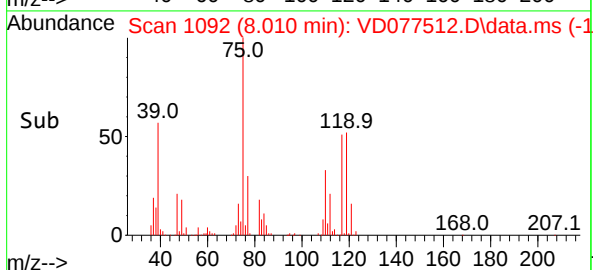
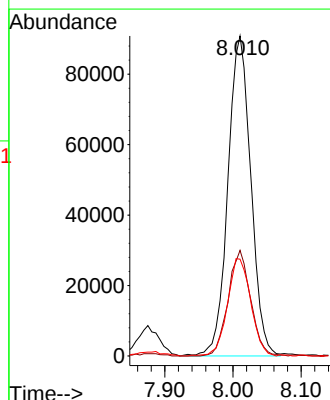
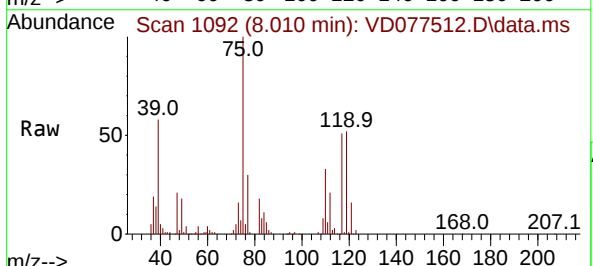
Tgt Ion: 75 Resp: 213024

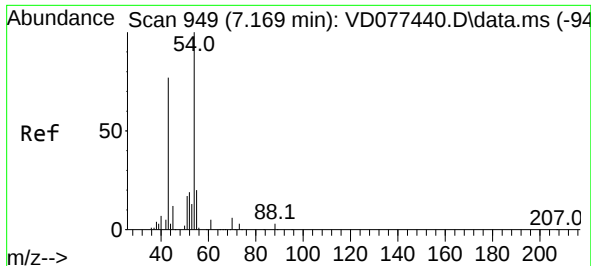
Ion Ratio Lower Upper

75 100

110 32.3 19.9 59.6

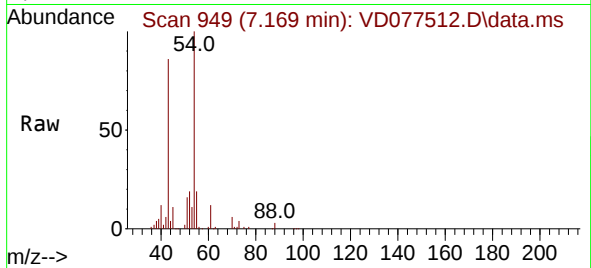
77 30.9 24.7 37.1





#37
Ethyl Acetate
Concen: 55.690 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

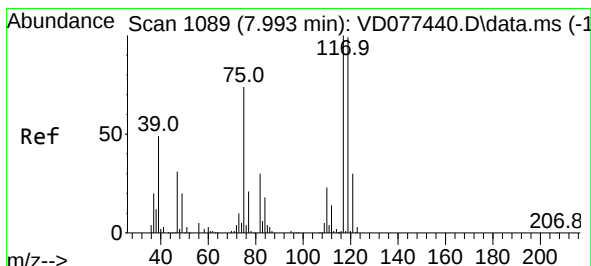
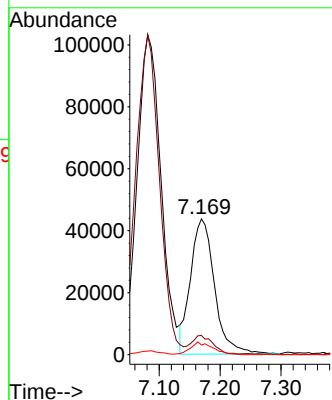
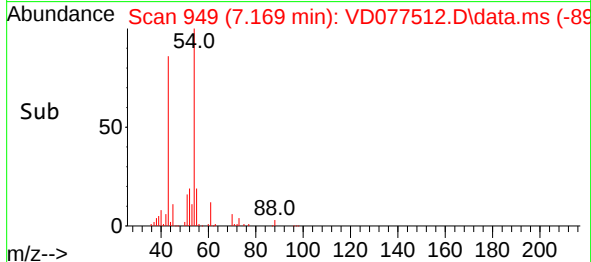
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 119390
Ion Ratio Lower Upper
43 100
61 12.4 14.9 22.3
70 8.6 10.0 15.0

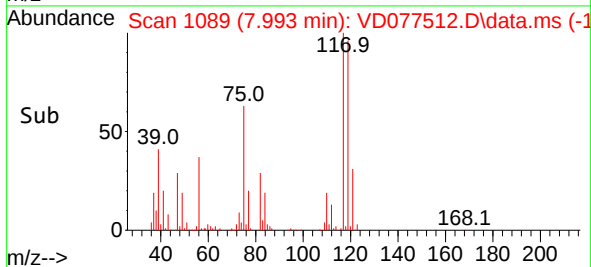
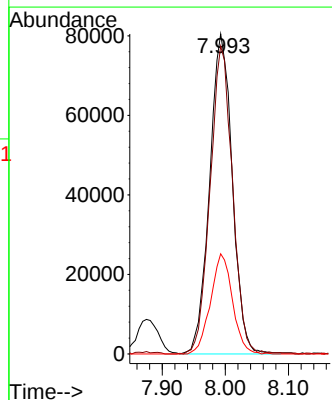
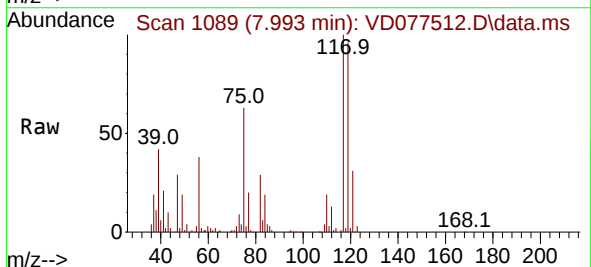
Manual Integrations
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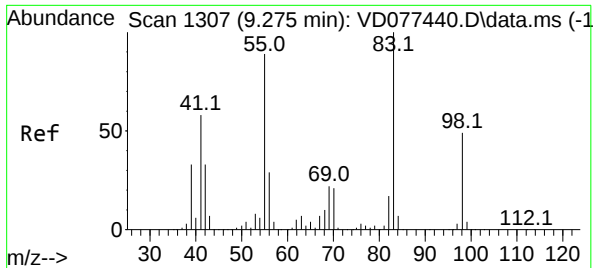
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#38
Carbon Tetrachloride
Concen: 57.042 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

Tgt Ion:117 Resp: 200796
Ion Ratio Lower Upper
117 100
119 96.0 78.0 117.0
121 31.3 24.2 36.2





#39

Methylcyclohexane

Concen: 56.518 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077512.D

Acq: 06 Nov 2023 17:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 240898

Ion Ratio Lower Upper

83 100

55 85.2 49.4 74.0

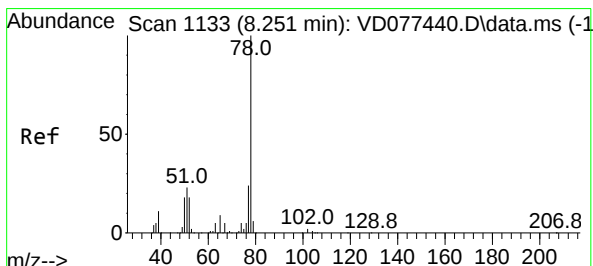
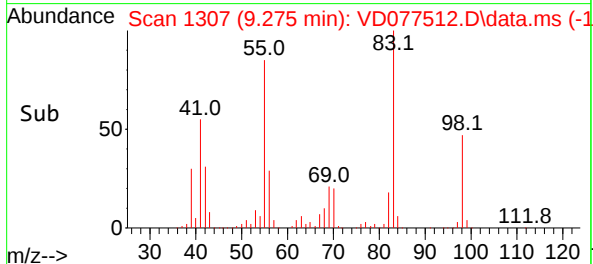
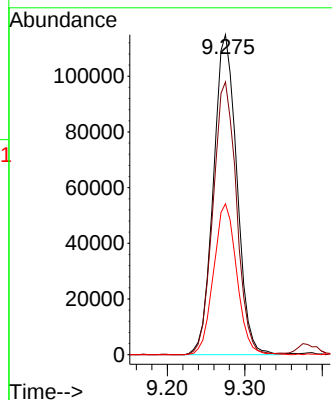
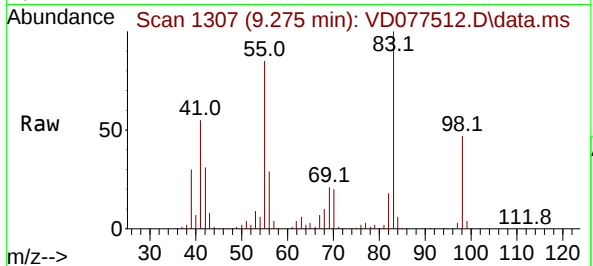
98 47.2 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#40

Benzene

Concen: 59.301 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077512.D

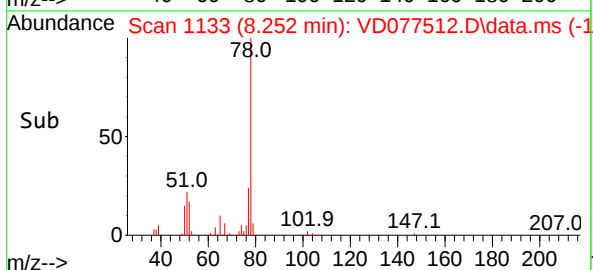
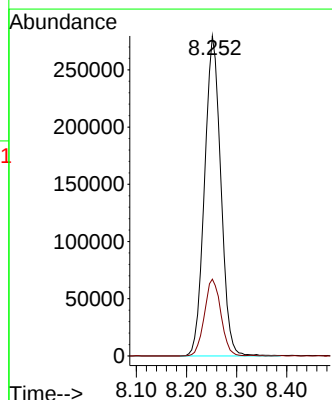
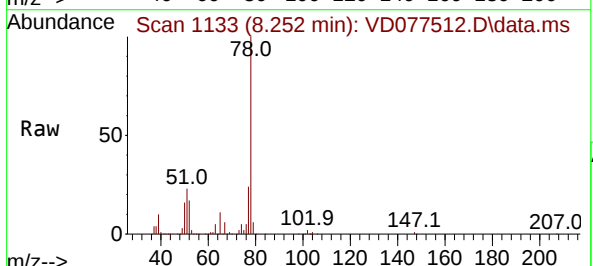
Acq: 06 Nov 2023 17:22

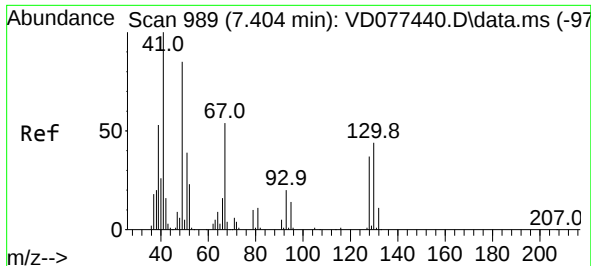
Tgt Ion: 78 Resp: 631684

Ion Ratio Lower Upper

78 100

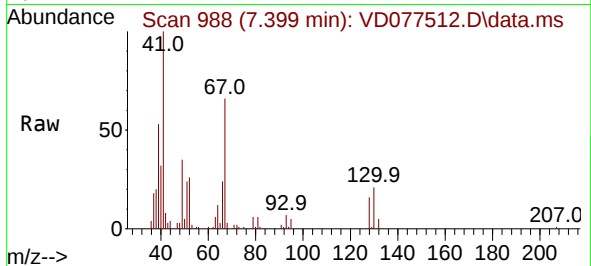
77 24.0 19.4 29.0





#41
Methacrylonitrile
Concen: 57.604 ug/l
RT: 7.399 min Scan# 988
Delta R.T. -0.006 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

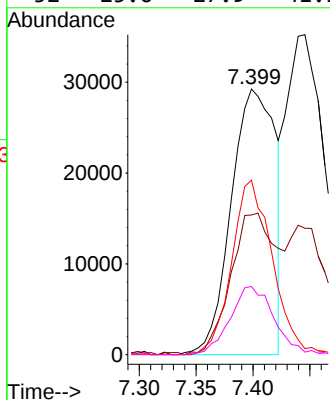
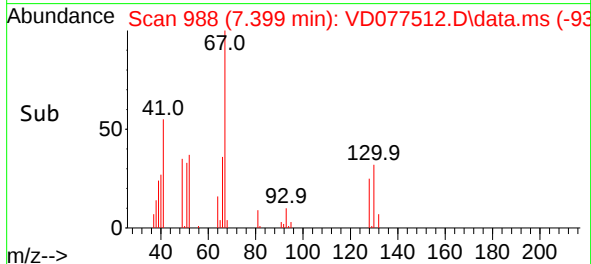
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 79018
Ion Ratio Lower Upper
41 100
39 57.3 34.0 51.0
67 61.1 77.0 115.4
52 25.6 27.9 41.9

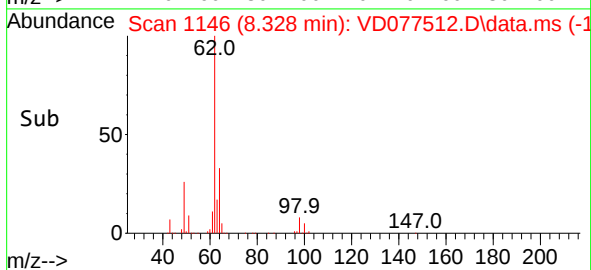
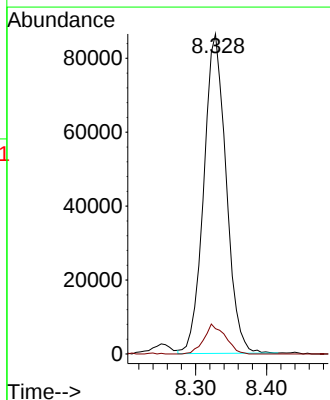
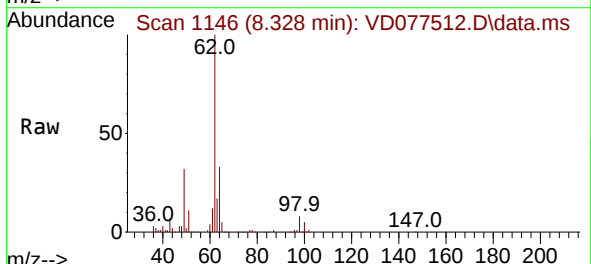
Manual Integrations
APPROVED

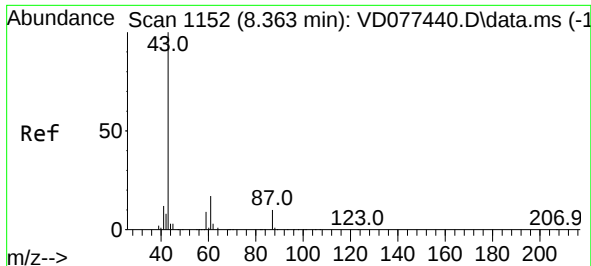
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#42
1,2-Dichloroethane
Concen: 56.050 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

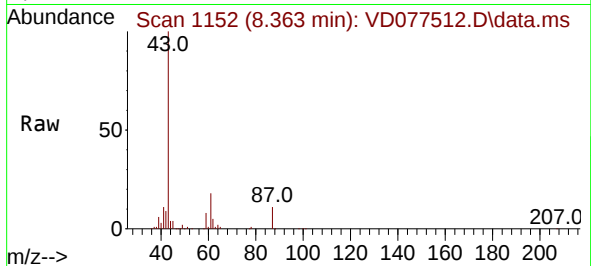
Tgt Ion: 62 Resp: 189103
Ion Ratio Lower Upper
62 100
98 8.9 0.0 25.4





#43
Isopropyl Acetate
Concen: 55.090 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

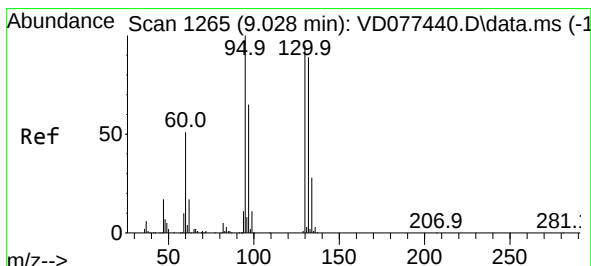
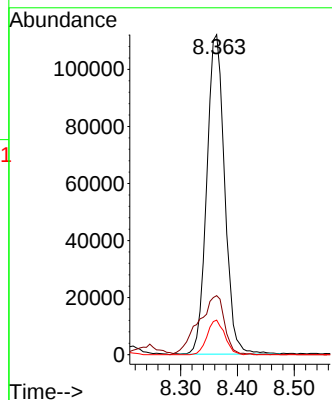
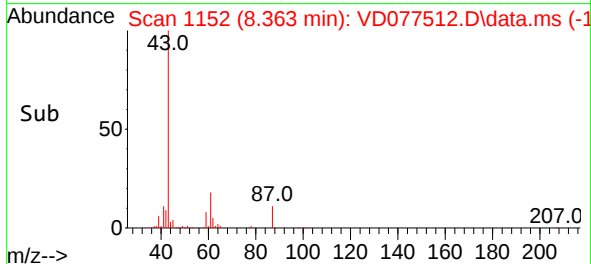
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



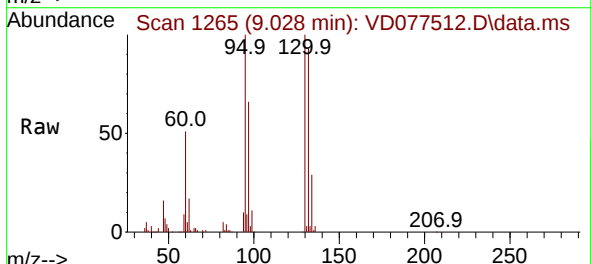
Tgt Ion: 43 Resp: 243724
Ion Ratio Lower Upper
43 100
61 26.9 31.4 47.0
87 10.7 14.9 22.3

Manual Integrations
APPROVED

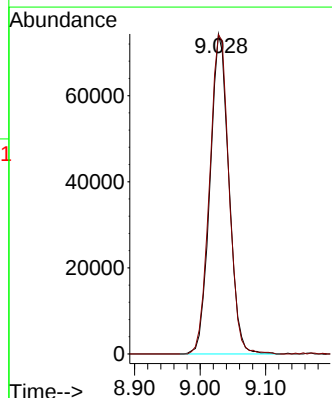
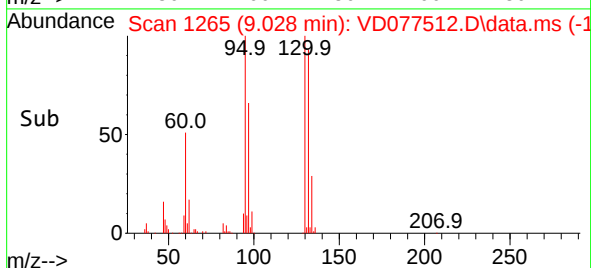
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

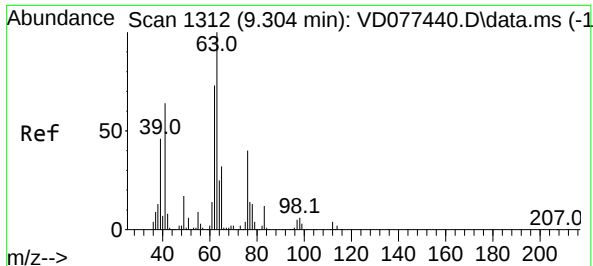


#44
Trichloroethene
Concen: 56.796 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22



Tgt Ion:130 Resp: 148198
Ion Ratio Lower Upper
130 100
95 99.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 57.932 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077512.D

Acq: 06 Nov 2023 17:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 181678

Ion Ratio Lower Upper

63 100

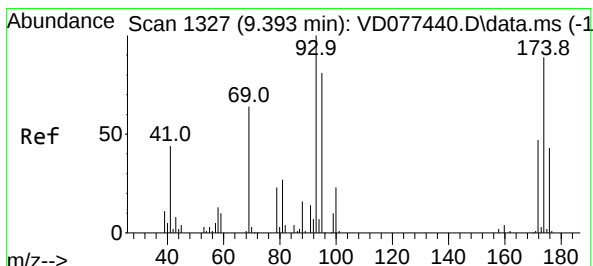
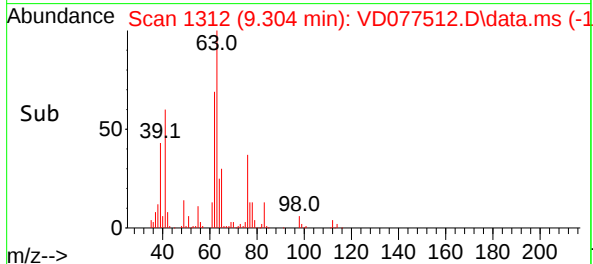
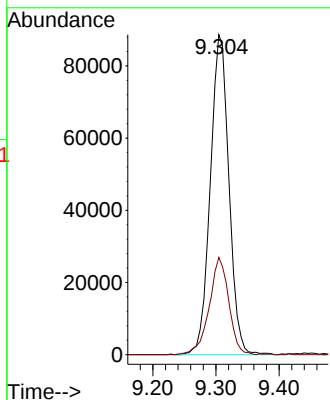
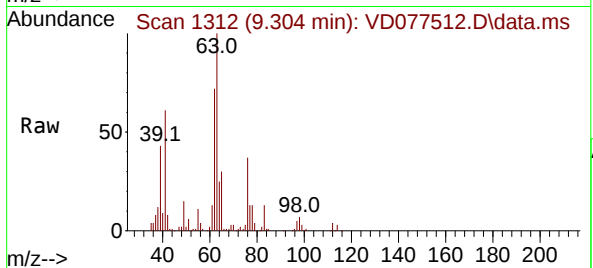
65 30.4 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#46

Dibromomethane

Concen: 54.399 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077512.D

Acq: 06 Nov 2023 17:22

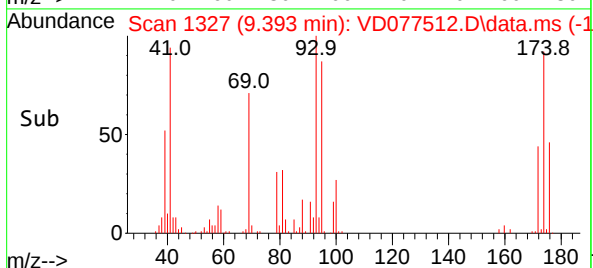
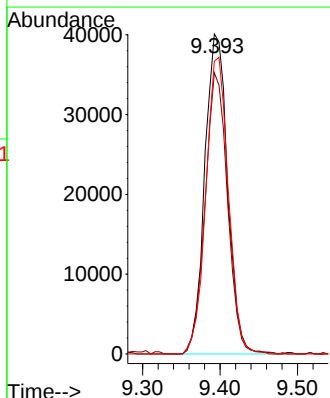
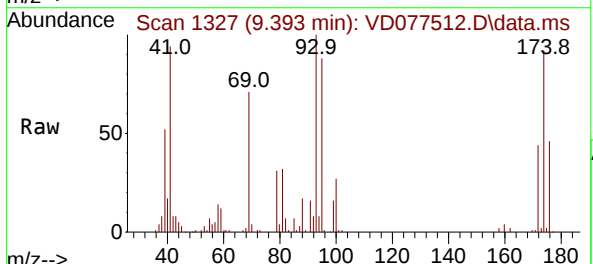
Tgt Ion: 93 Resp: 82100

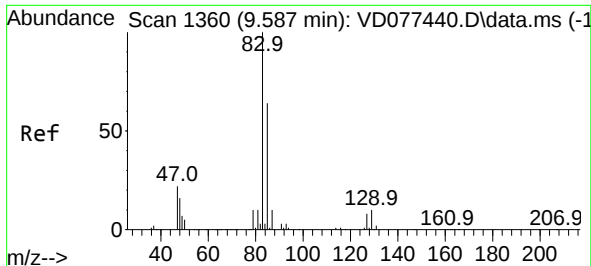
Ion Ratio Lower Upper

93 100

95 86.5 67.7 101.5

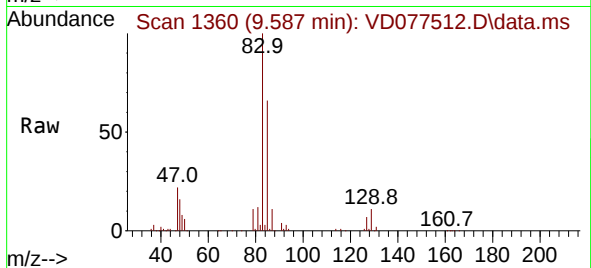
174 91.9 85.4 128.2





#47
Bromodichloromethane
Concen: 55.716 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

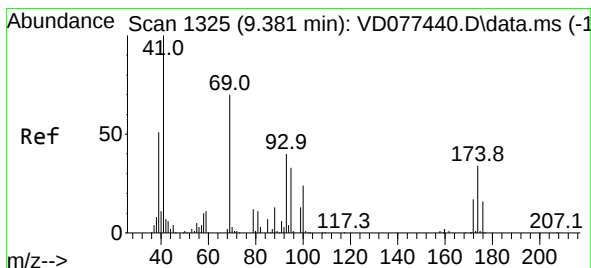
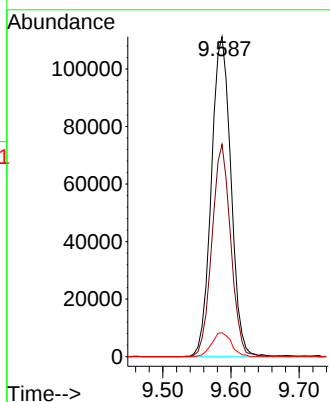
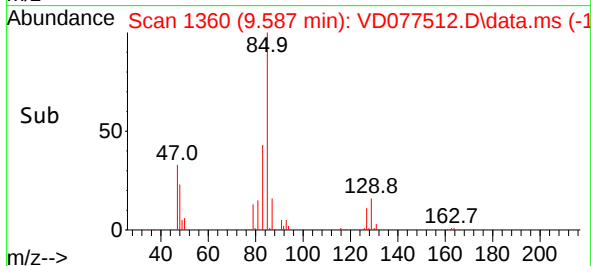
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



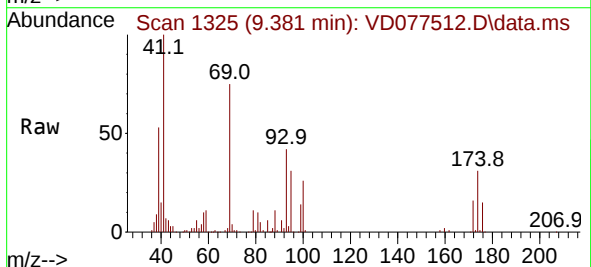
Tgt Ion: 83 Resp: 22225
Ion Ratio Lower Upper
83 100
85 66.3 50.2 75.4
127 7.5 6.3 9.5

Manual Integrations
APPROVED

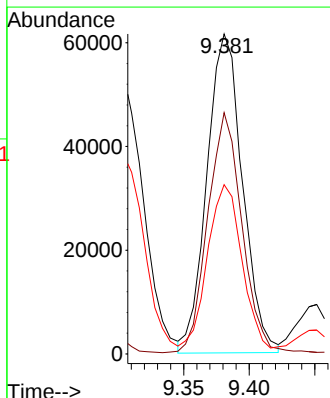
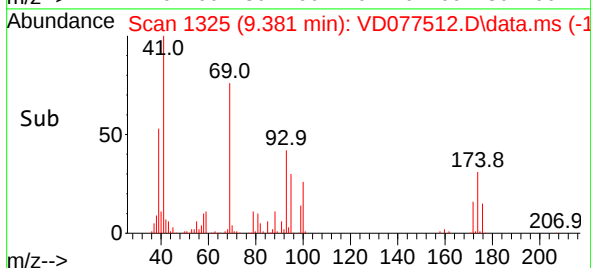
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

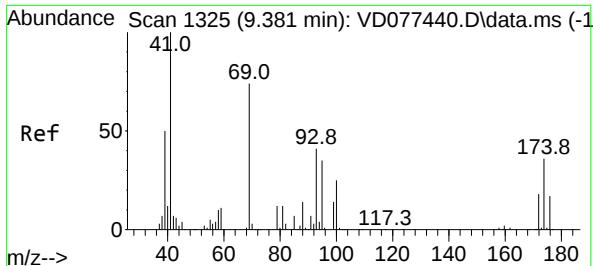


#48
Methyl methacrylate
Concen: 54.929 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22



Tgt Ion: 41 Resp: 115999
Ion Ratio Lower Upper
41 100
69 72.5 102.2 153.2#
39 52.7 41.4 62.2





#49

1,4-Dioxane

Concen: 1149.846 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077512.D

Acq: 06 Nov 2023 17:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 1864

Ion Ratio Lower Upper

88 100

43 39.5 19.0 28.6

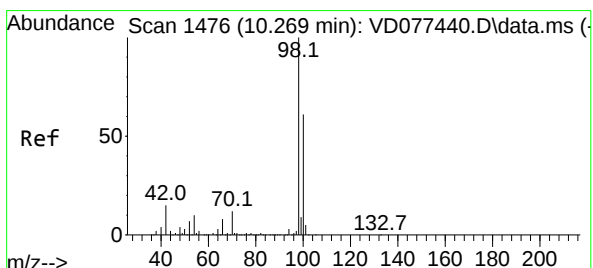
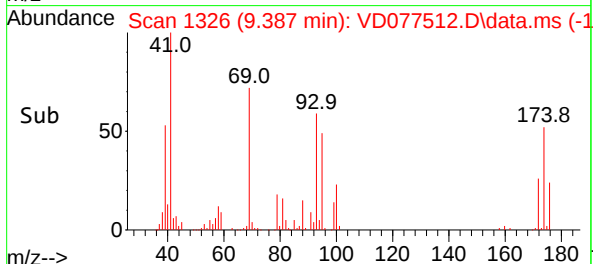
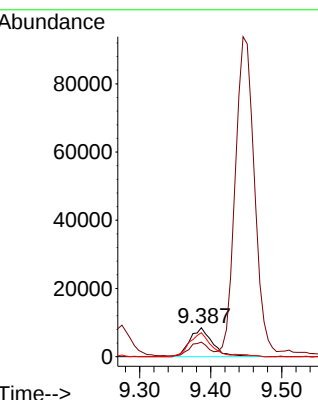
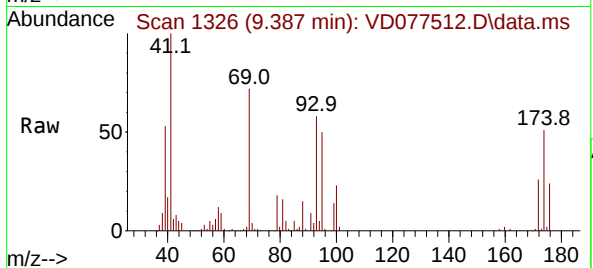
58 78.7 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#50

Toluene-d8

Concen: 56.740 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077512.D

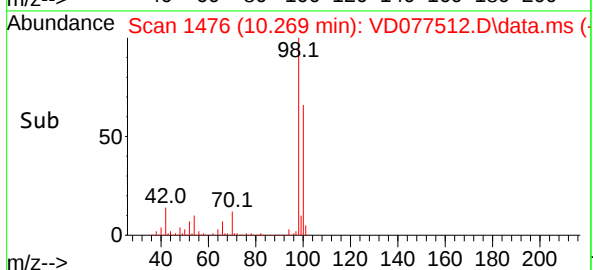
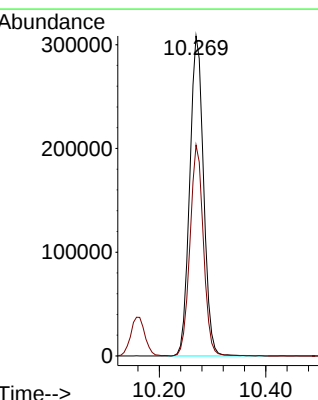
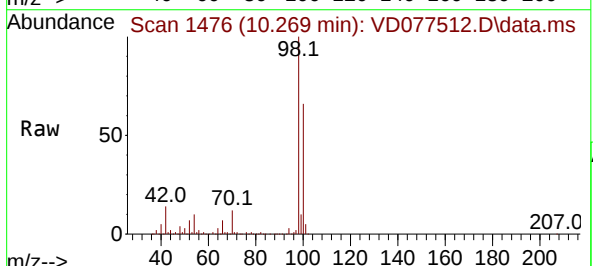
Acq: 06 Nov 2023 17:22

Tgt Ion: 98 Resp: 555291

Ion Ratio Lower Upper

98 100

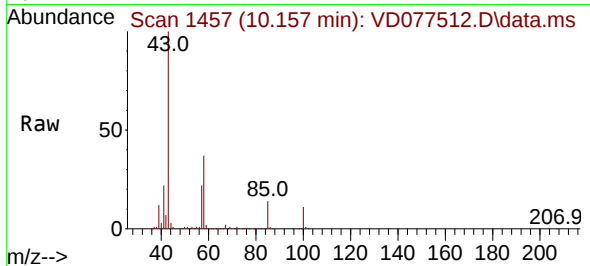
100 64.1 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 281.065 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

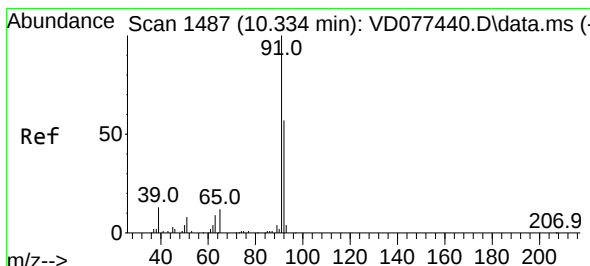
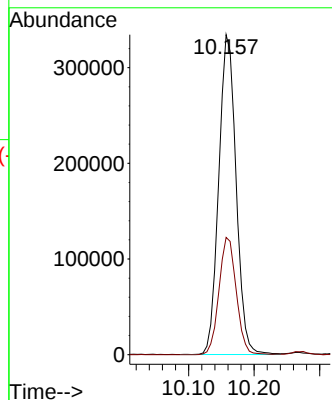
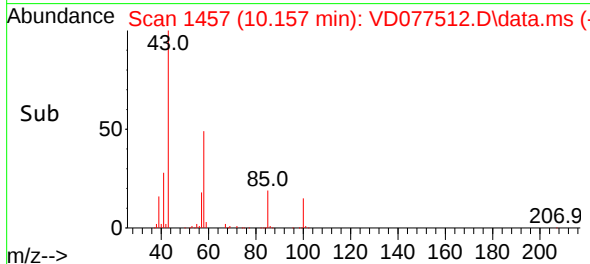
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 612043
Ion Ratio Lower Upper
43 100
58 36.5 38.9 58.3

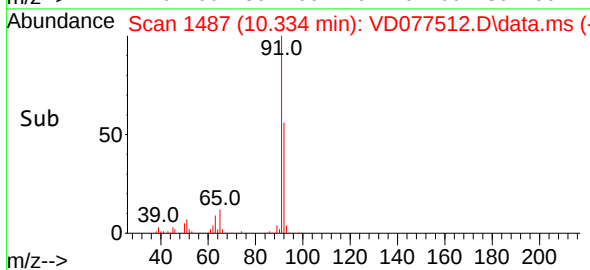
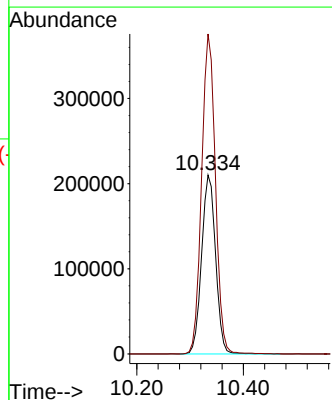
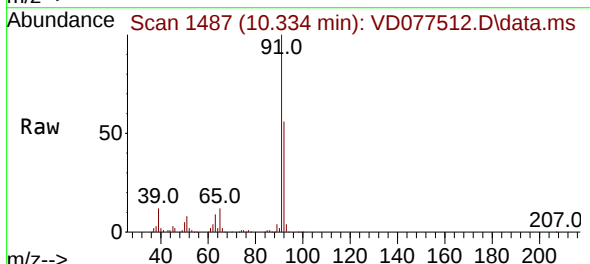
Manual Integrations
APPROVED

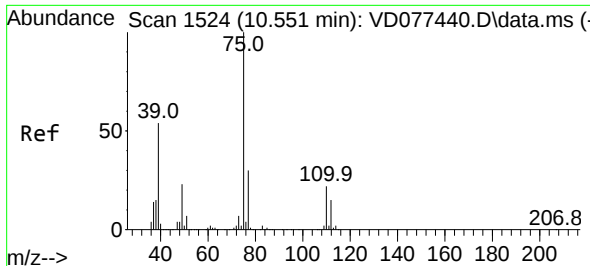
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#52
Toluene
Concen: 58.901 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

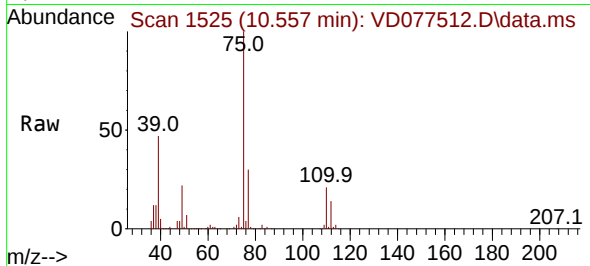
Tgt Ion: 92 Resp: 382490
Ion Ratio Lower Upper
92 100
91 176.5 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 56.865 ug/l
RT: 10.557 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

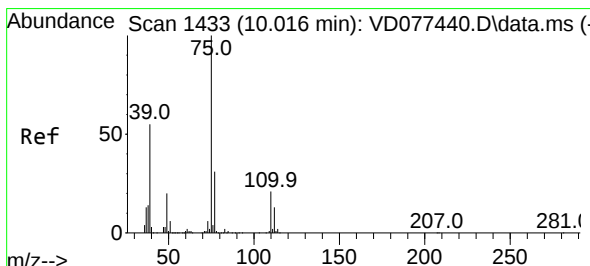
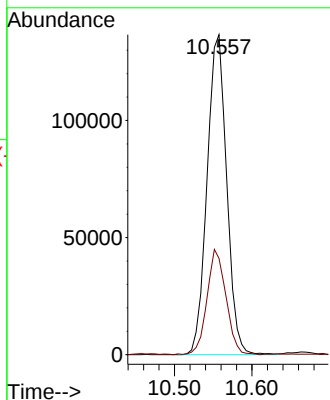
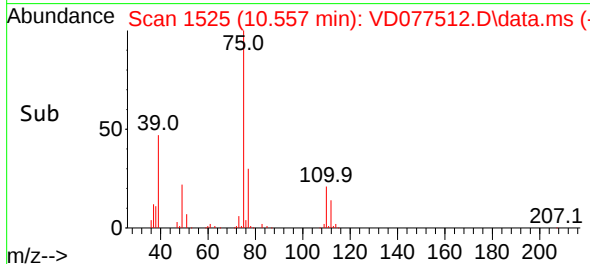
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 240198
Ion Ratio Lower Upper
75 100
77 29.9 25.3 37.9

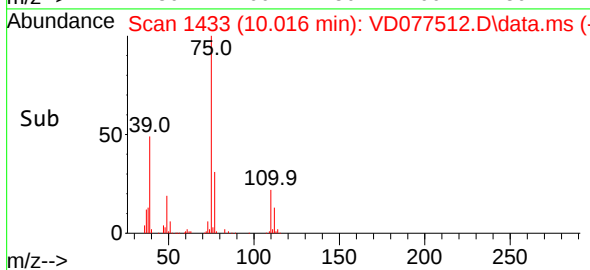
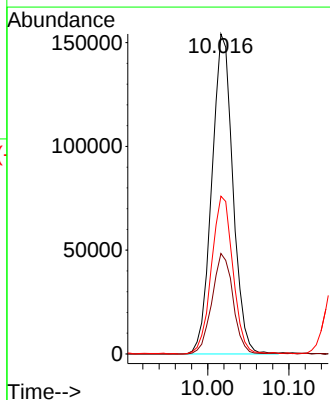
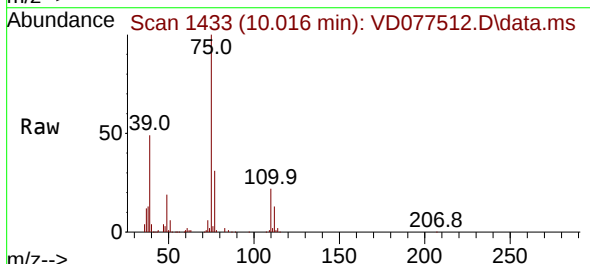
Manual Integrations
APPROVED

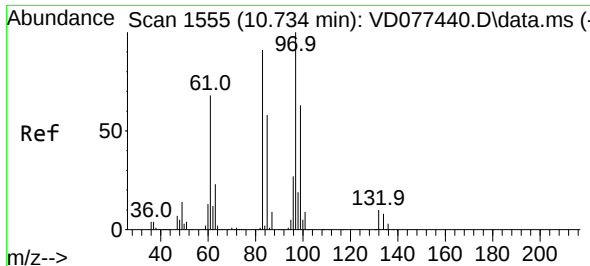
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#54
cis-1,3-Dichloropropene
Concen: 57.032 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

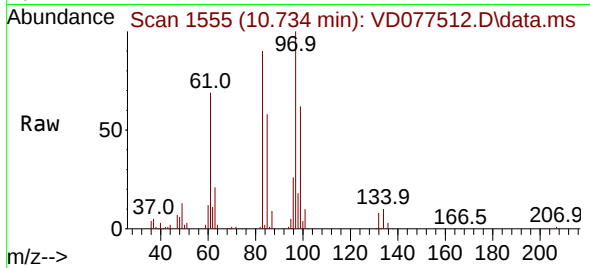
Tgt Ion: 75 Resp: 277221
Ion Ratio Lower Upper
75 100
77 31.4 25.5 38.3
39 49.3 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 57.597 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

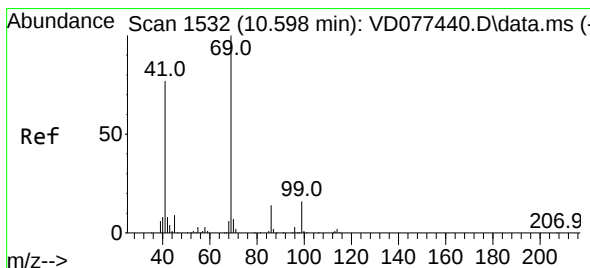
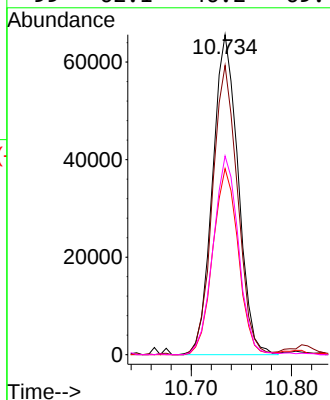
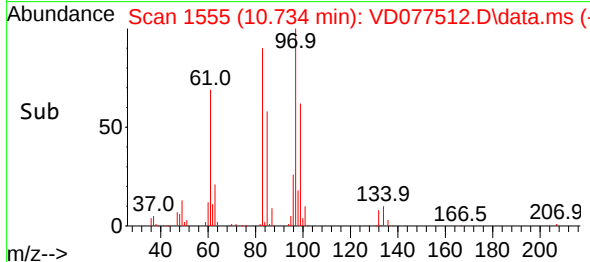
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



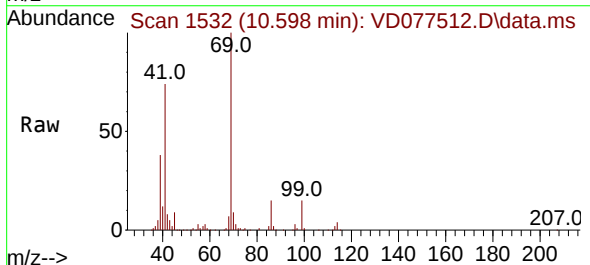
Tgt Ion:	97	Resp:	115974
Ion	Ratio	Lower	Upper
97	100		
83	90.4	65.8	98.6
85	58.2	45.7	68.5
99	62.1	46.2	69.4

Manual Integrations
APPROVED

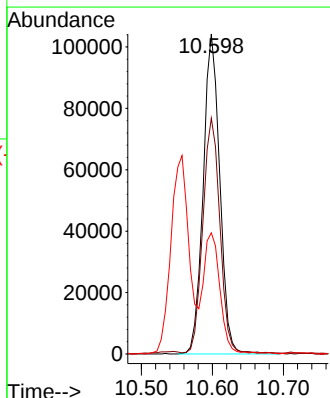
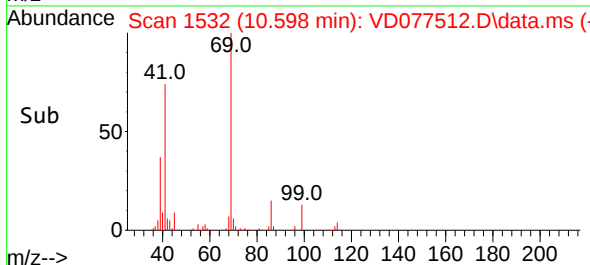
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

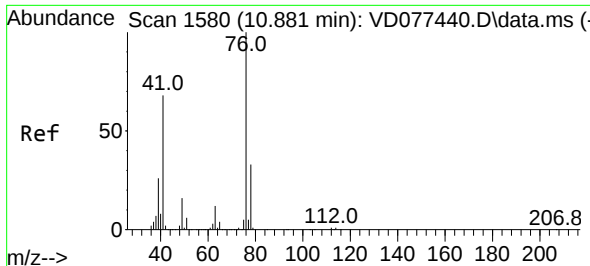


#56
Ethyl methacrylate
Concen: 56.711 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22



Tgt Ion:	69	Resp:	169780
Ion	Ratio	Lower	Upper
69	100		
41	75.2	39.1	58.7#
39	35.9	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 56.950 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077512.D

Acq: 06 Nov 2023 17:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 21433

Ion Ratio Lower Upper

76 100

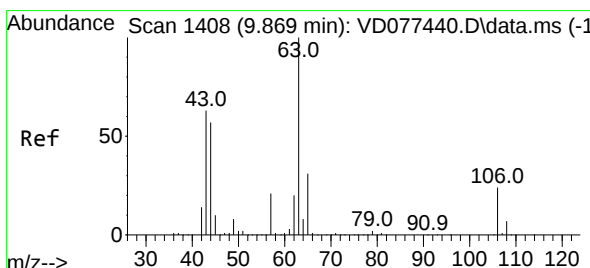
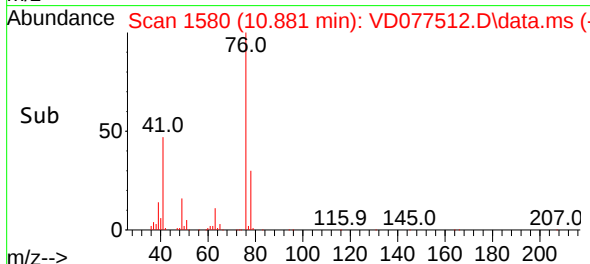
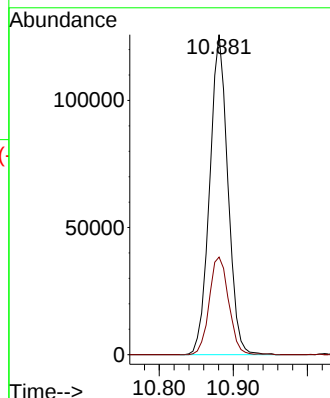
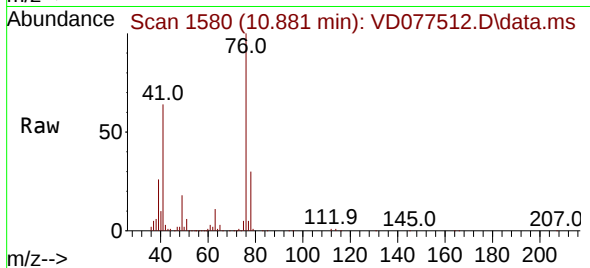
78 32.6 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#58

2-Chloroethyl Vinyl ether

Concen: 292.900 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077512.D

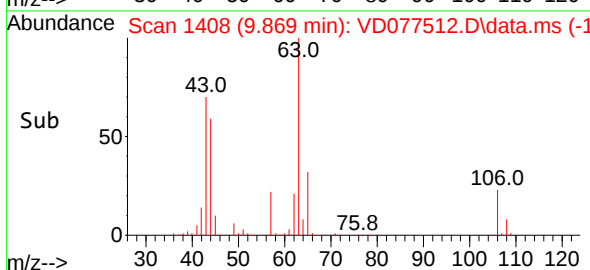
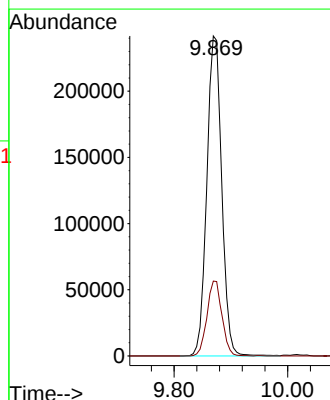
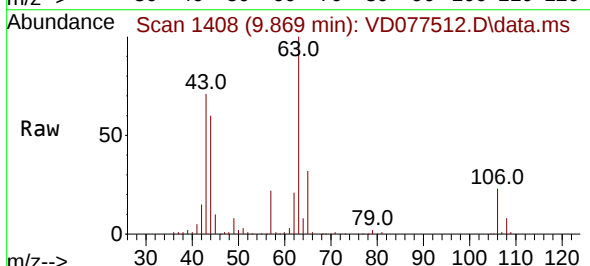
Acq: 06 Nov 2023 17:22

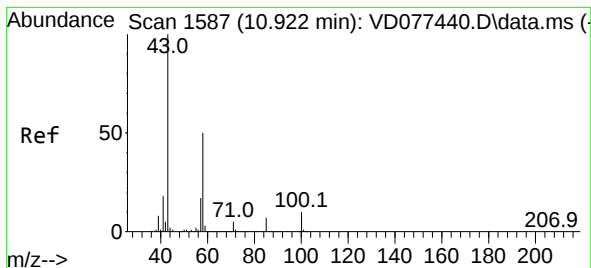
Tgt Ion: 63 Resp: 438992

Ion Ratio Lower Upper

63 100

106 23.4 25.3 37.9





#59

2-Hexanone

Concen: 268.955 ug/l

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VD077512.D

Acq: 06 Nov 2023 17:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 431440

Ion Ratio Lower Upper

43 100

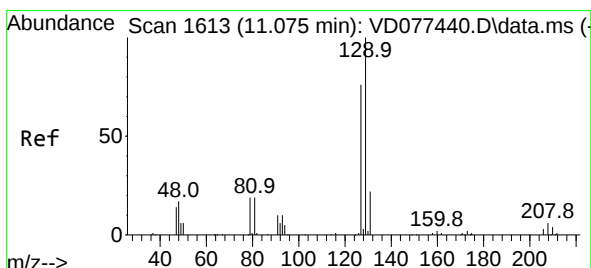
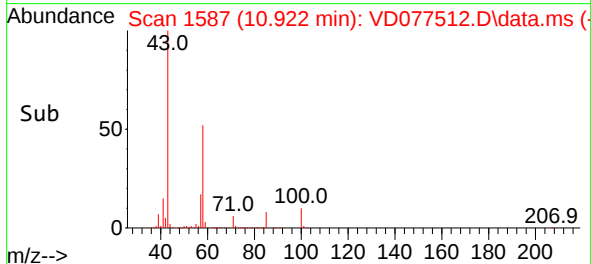
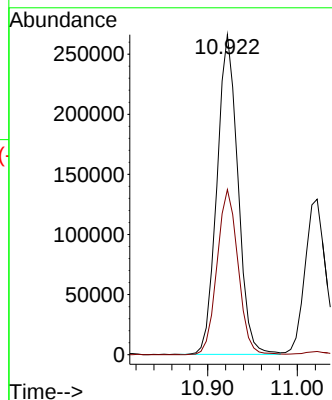
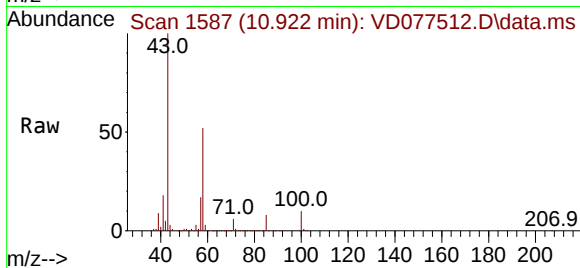
58 51.8 34.1 102.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#60

Dibromochloromethane

Concen: 54.857 ug/l

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD077512.D

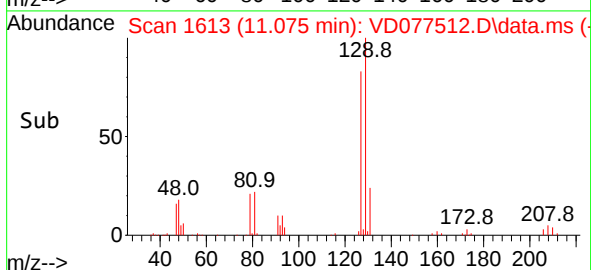
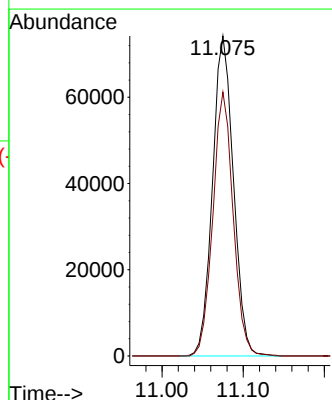
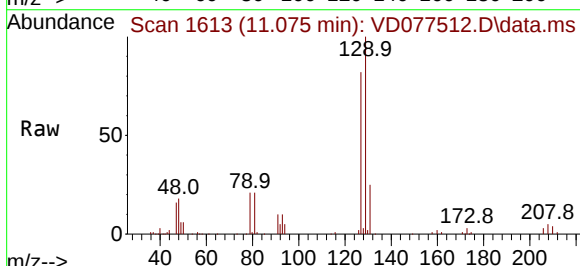
Acq: 06 Nov 2023 17:22

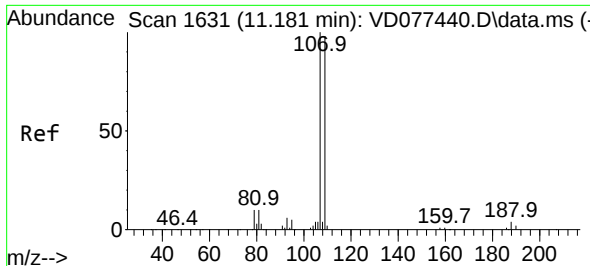
Tgt Ion:129 Resp: 132820

Ion Ratio Lower Upper

129 100

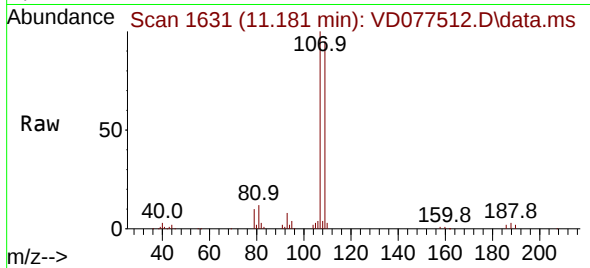
127 80.1 37.1 111.5





#61
1,2-Dibromoethane
Concen: 54.488 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

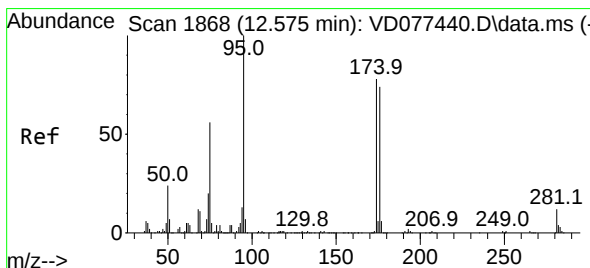
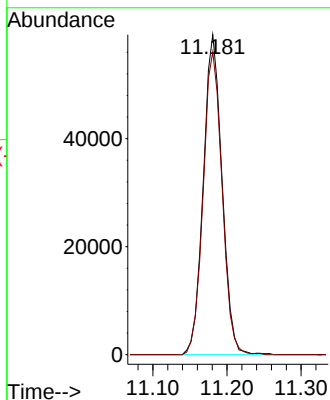
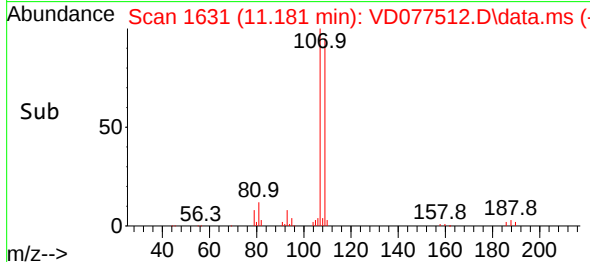
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



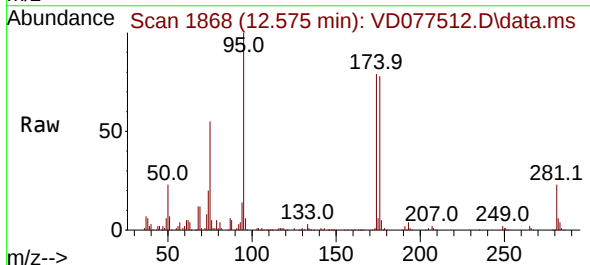
Tgt Ion:107 Resp: 103899
Ion Ratio Lower Upper
107 100
109 95.7 75.6 113.4

Manual Integrations
APPROVED

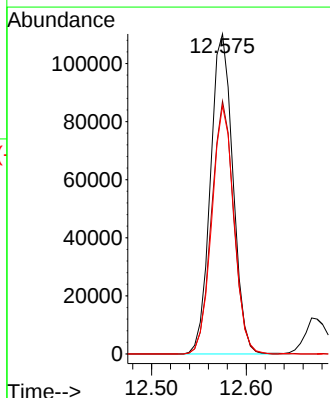
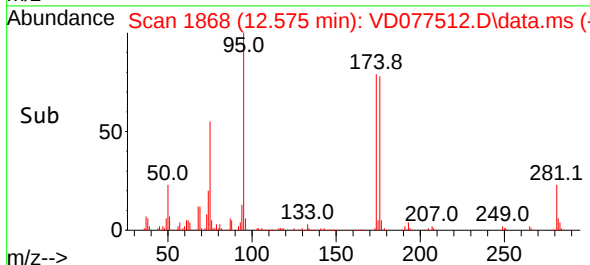
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

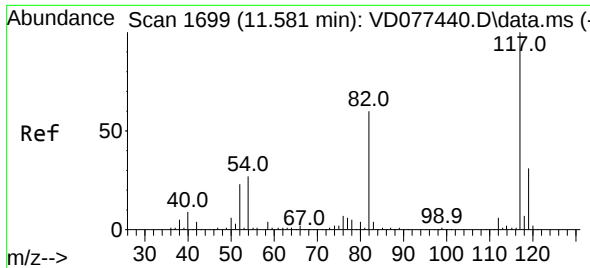


#62
4-Bromofluorobenzene
Concen: 54.994 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22



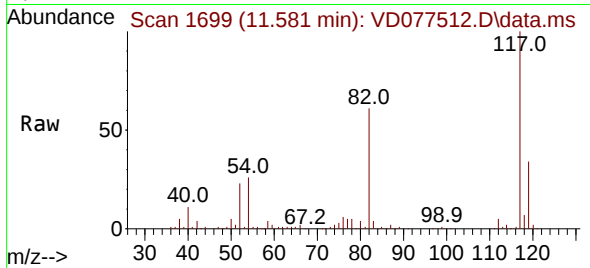
Tgt Ion: 95 Resp: 181269
Ion Ratio Lower Upper
95 100
174 77.7 0.0 201.8
176 76.5 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

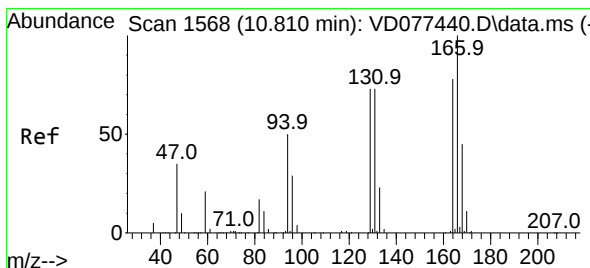
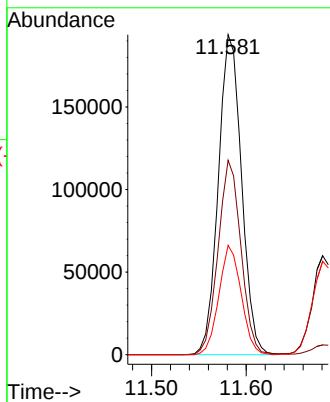
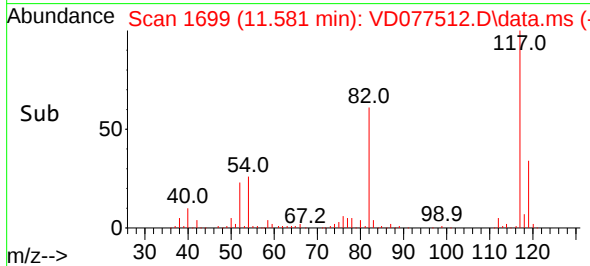
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 33003
Ion Ratio Lower Upper
117 100
82 60.8 38.3 57.5
119 34.2 25.0 37.4

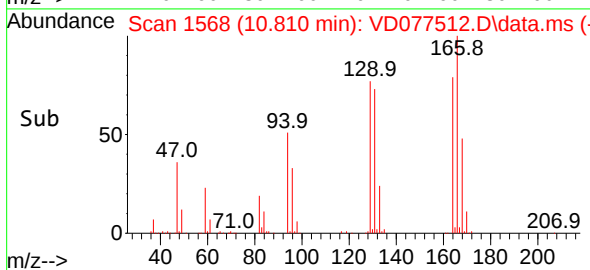
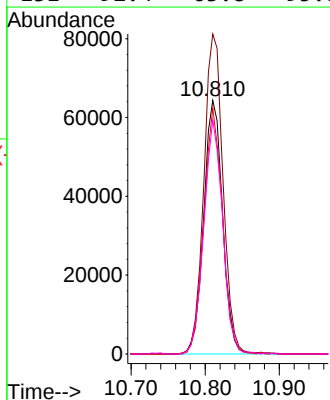
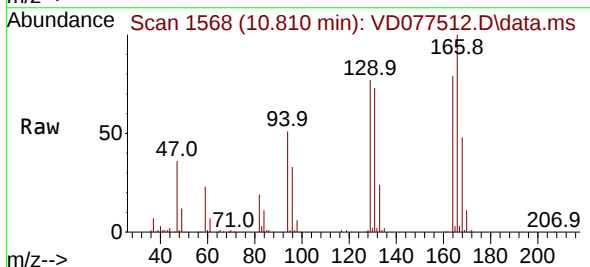
Manual Integrations
APPROVED

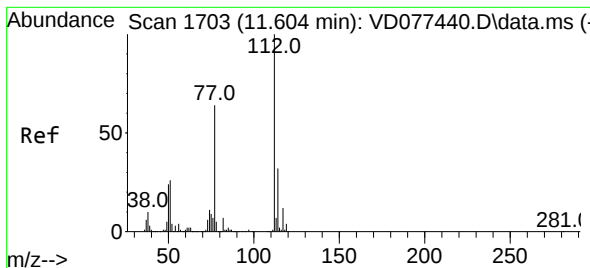
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#64
Tetrachloroethene
Concen: 54.388 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

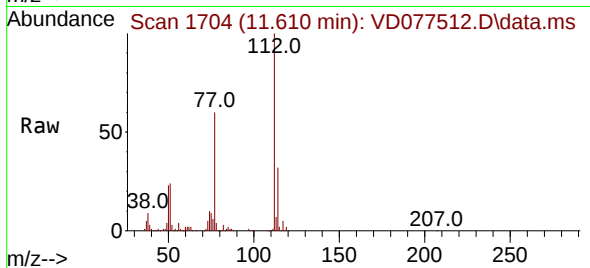
Tgt Ion:164 Resp: 114279
Ion Ratio Lower Upper
164 100
166 126.3 99.2 148.8
129 97.1 68.4 102.6
131 92.4 63.8 95.8





#65
Chlorobenzene
Concen: 57.167 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

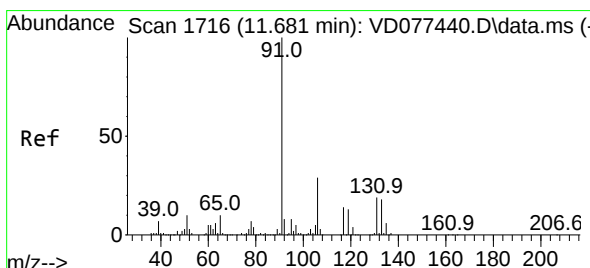
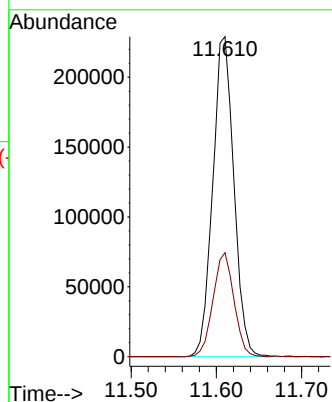
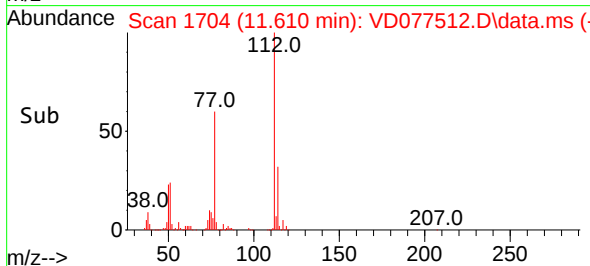
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



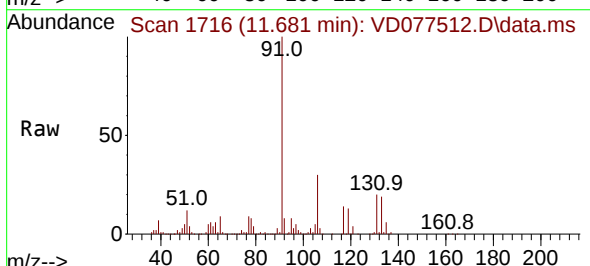
Tgt Ion:112 Resp: 39526
Ion Ratio Lower Upper
112 100
114 32.5 25.1 37.7

Manual Integrations
APPROVED

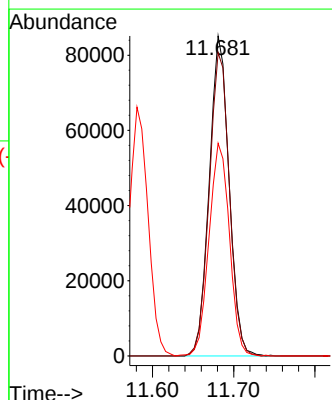
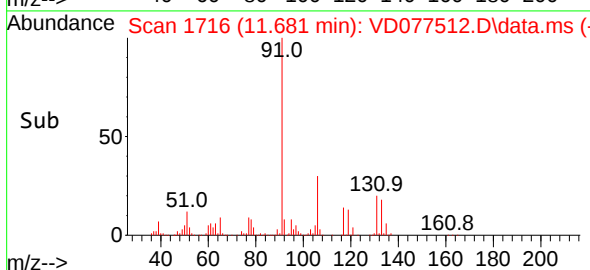
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

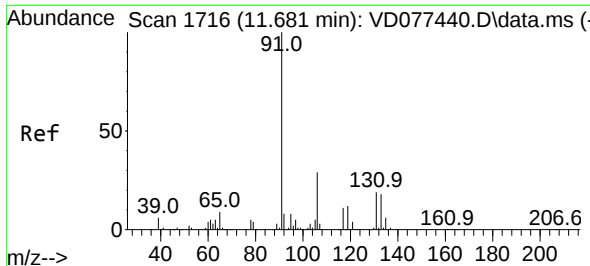


#66
1,1,1,2-Tetrachloroethane
Concen: 55.151 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22



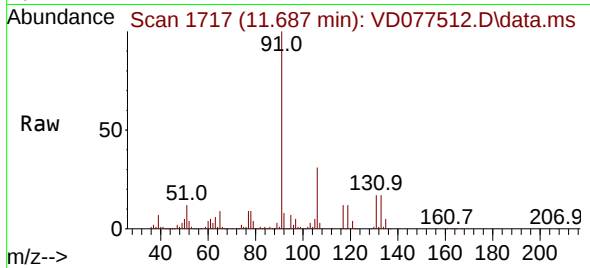
Tgt Ion:131 Resp: 144098
Ion Ratio Lower Upper
131 100
133 96.8 48.5 145.5
119 68.5 35.6 106.9





#67
Ethyl Benzene
Concen: 56.389 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

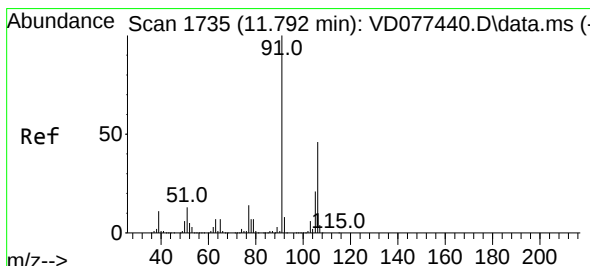
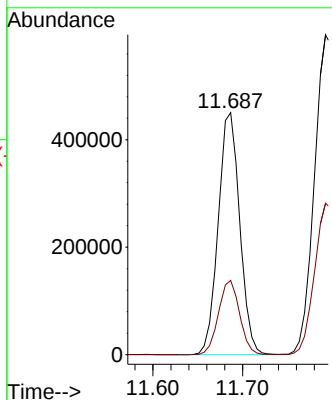
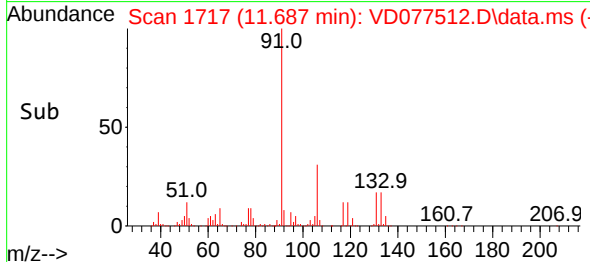
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 75017
Ion Ratio Lower Upper
91 100
106 30.7 26.5 39.7

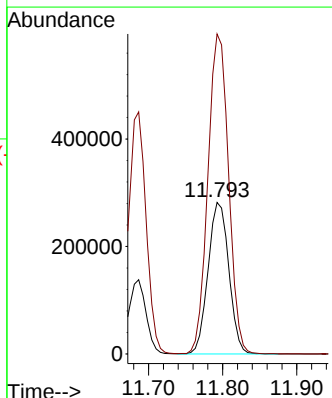
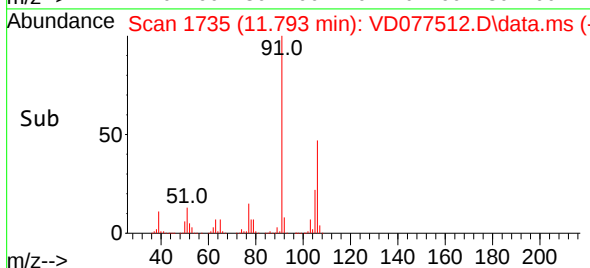
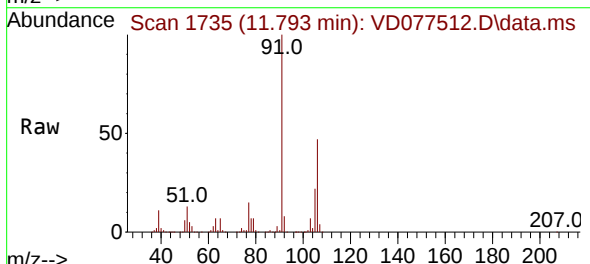
Manual Integrations
APPROVED

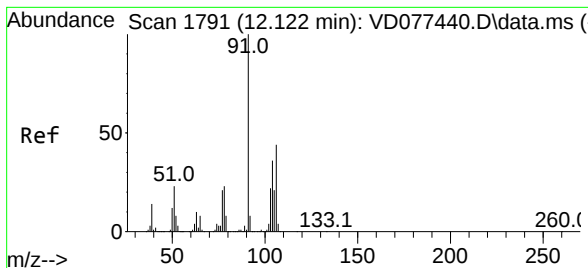
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#68
m/p-Xylenes
Concen: 114.120 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

Tgt Ion:106 Resp: 548233
Ion Ratio Lower Upper
106 100
91 210.6 147.0 220.6





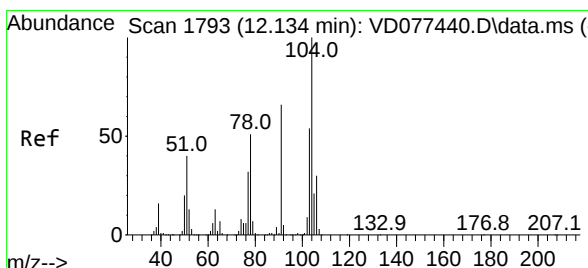
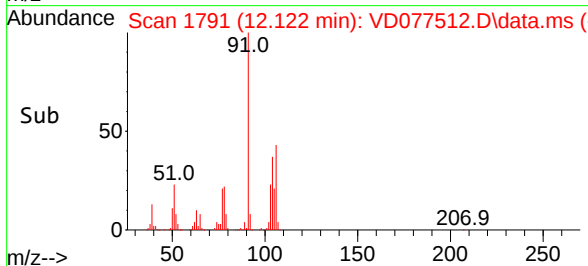
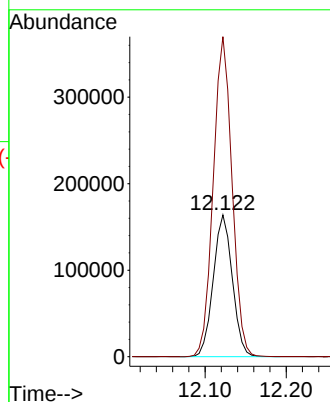
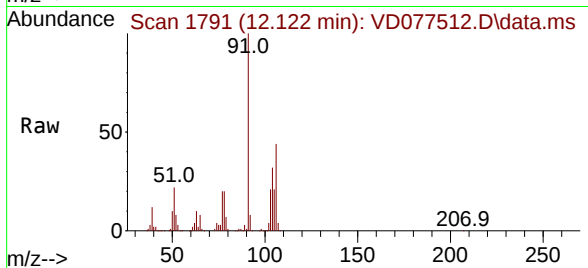
#69
o-Xylene
Concen: 58.094 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 26732
Ion Ratio Lower Upper
106 100
91 222.5 97.9 293.6

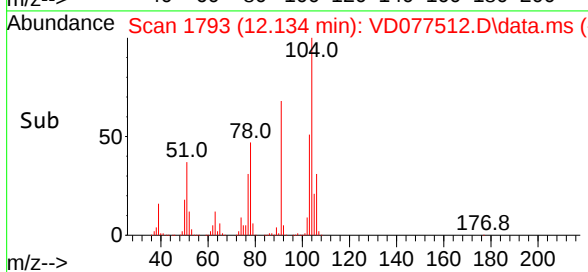
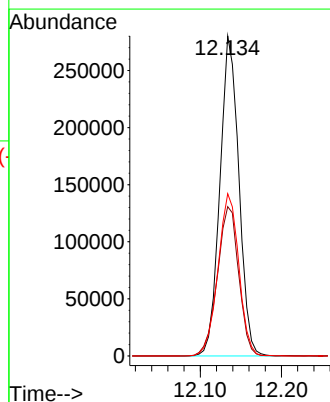
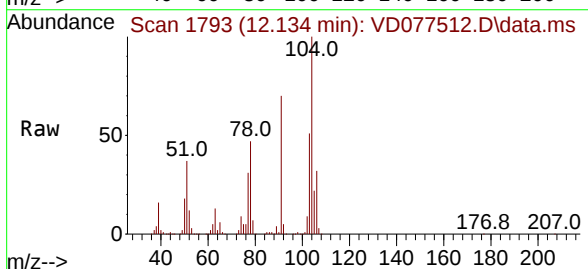
Manual Integrations
APPROVED

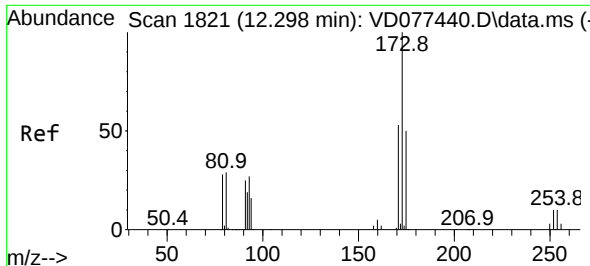
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#70
Styrene
Concen: 57.434 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

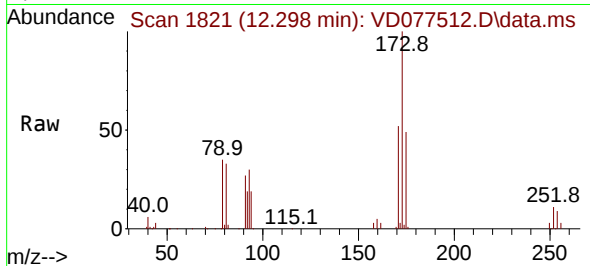
Tgt Ion:104 Resp: 455929
Ion Ratio Lower Upper
104 100
78 52.4 33.2 49.8#
103 55.6 43.6 65.4





#71
Bromoform
Concen: 54.420 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

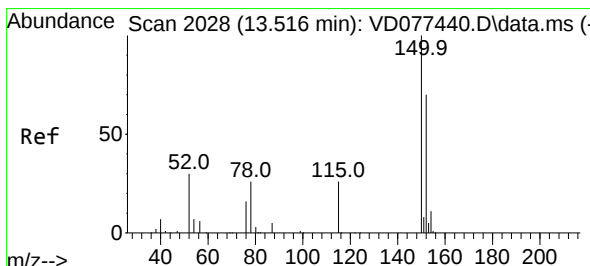
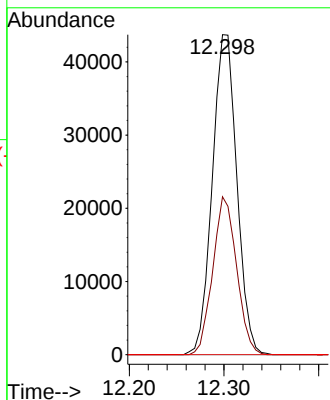
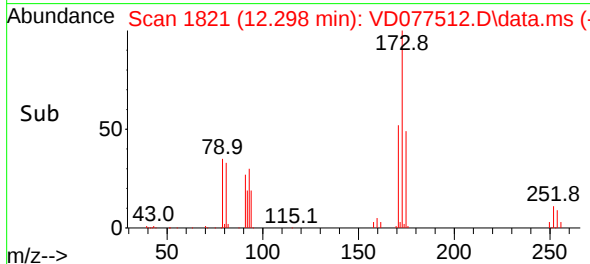
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



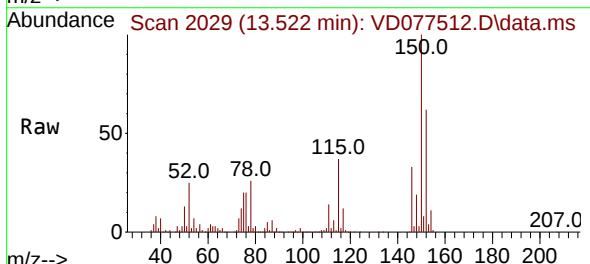
Tgt Ion:173 Resp: 78829
Ion Ratio Lower Upper
173 100
175 47.9 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

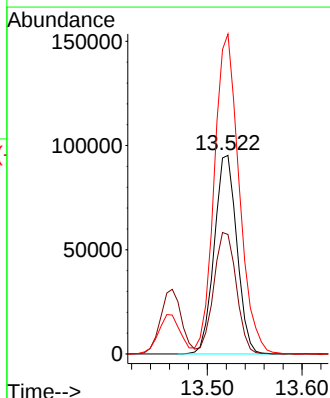
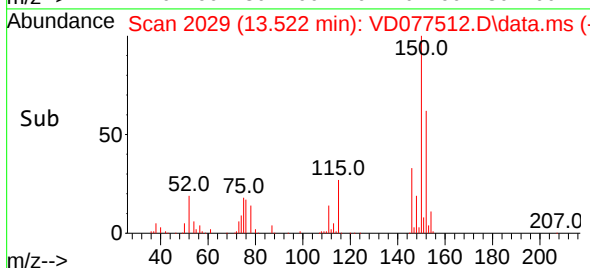
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

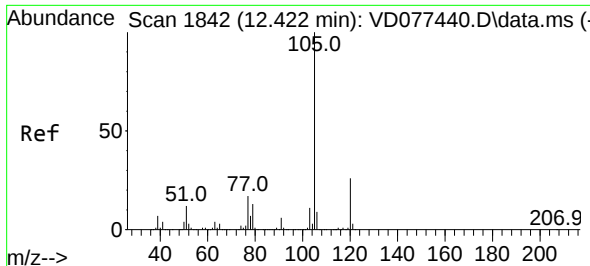


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22



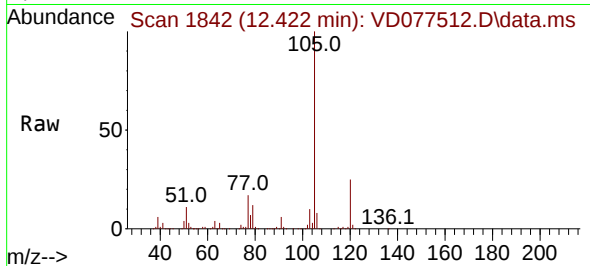
Tgt Ion:152 Resp: 157880
Ion Ratio Lower Upper
152 100
115 61.8 27.1 81.3
150 177.0 0.0 353.6





#73
Isopropylbenzene
Concen: 54.578 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

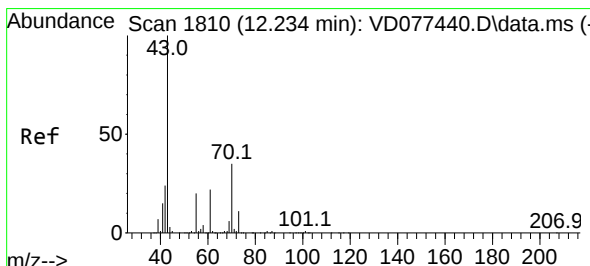
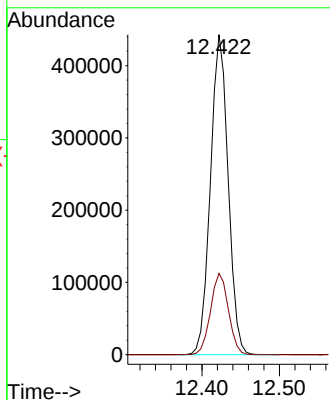
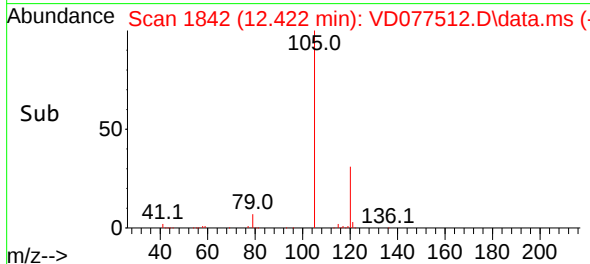
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 702530
Ion Ratio Lower Upper
105 100
120 25.6 14.3 42.9

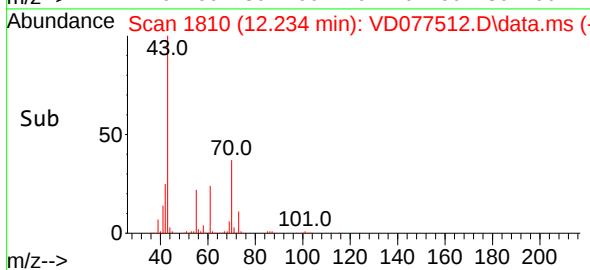
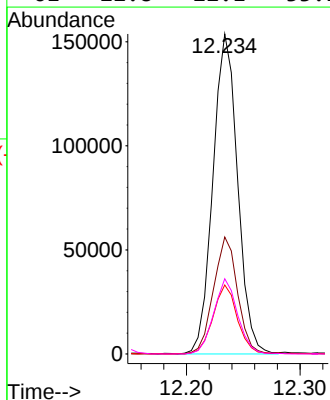
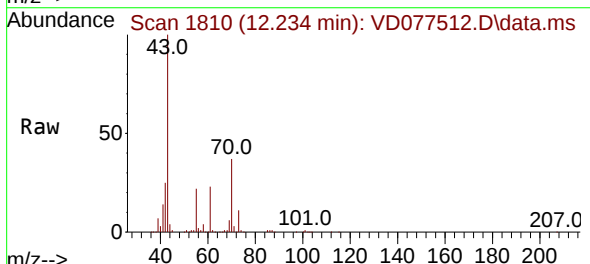
Manual Integrations
APPROVED

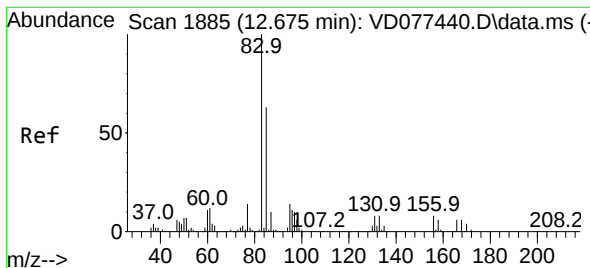
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#74
N-ethyl acetate
Concen: 50.974 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

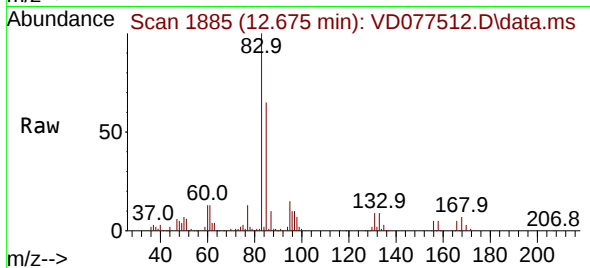
Tgt Ion: 43 Resp: 232409
Ion Ratio Lower Upper
43 100
70 35.8 45.0 67.4#
55 21.5 23.8 35.6#
61 22.8 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 53.794 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

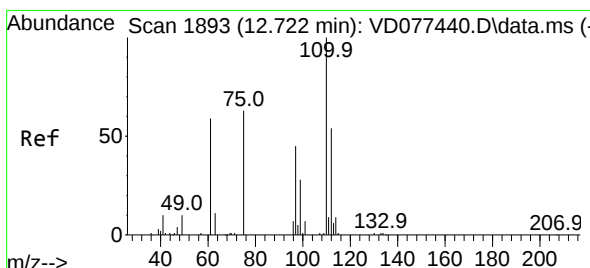
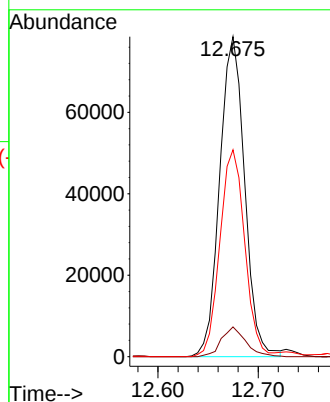
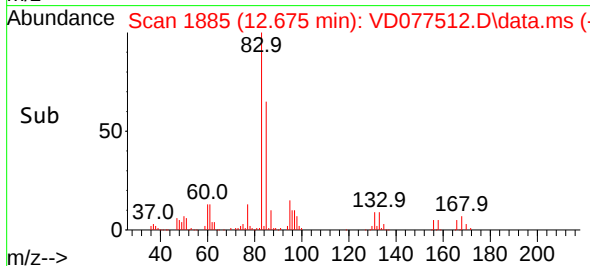
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



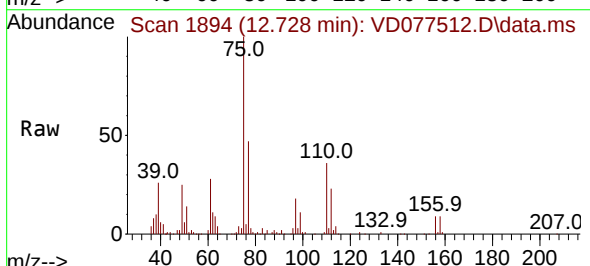
Tgt Ion: 83 Resp: 13573
Ion Ratio Lower Upper
83 100
131 9.1 5.1 15.3
85 64.4 32.6 97.8

Manual Integrations
APPROVED

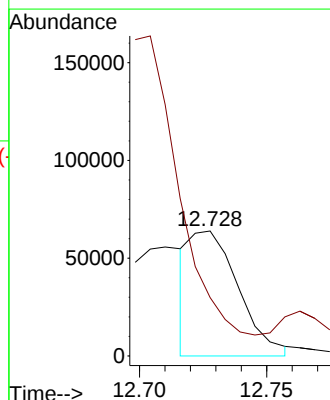
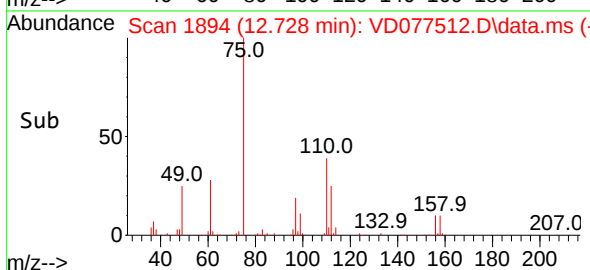
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

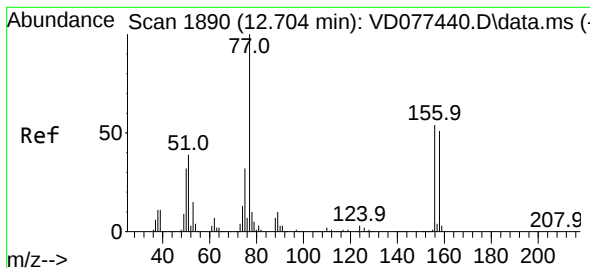


#76
1,2,3-Trichloropropane
Concen: 43.965 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22



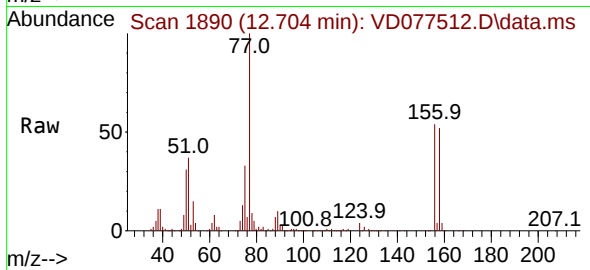
Tgt Ion: 75 Resp: 84480
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 53.680 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

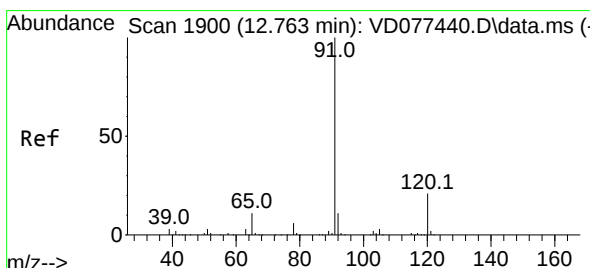
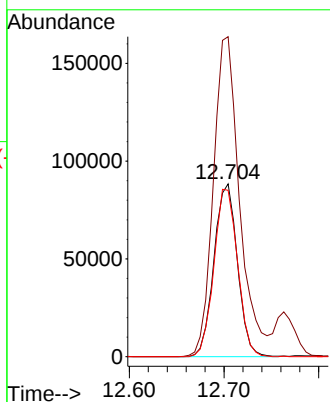
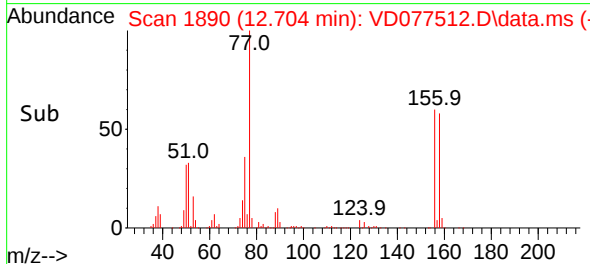
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 15209
Ion Ratio Lower Upper
156 100
77 206.1 76.8 230.4
158 97.8 48.6 145.9

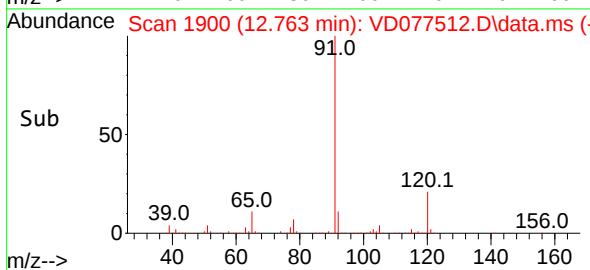
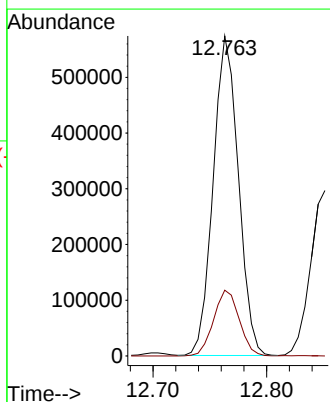
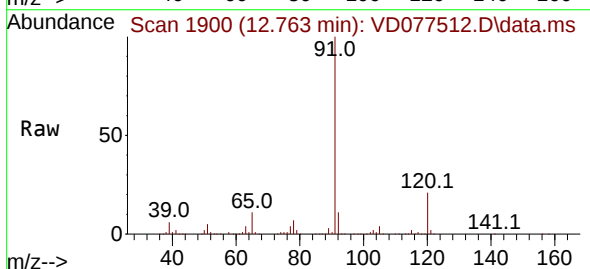
Manual Integrations
APPROVED

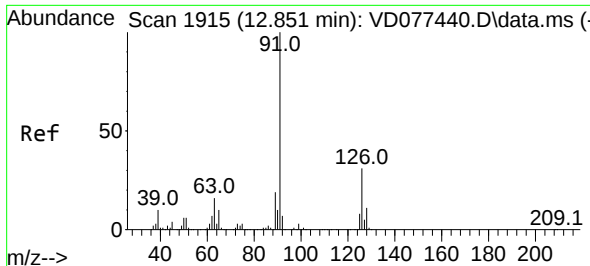
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#78
n-propylbenzene
Concen: 54.071 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

Tgt Ion: 91 Resp: 883747
Ion Ratio Lower Upper
91 100
120 20.9 12.4 37.2





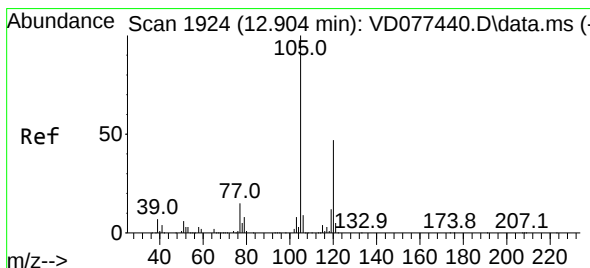
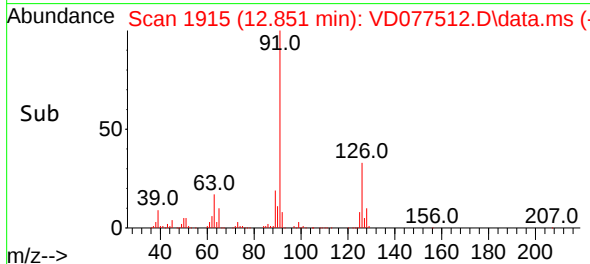
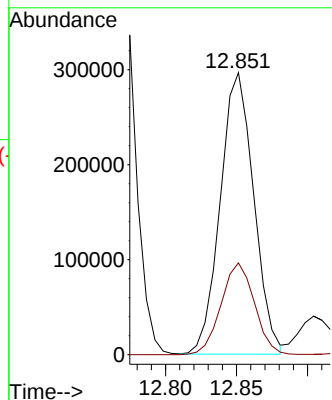
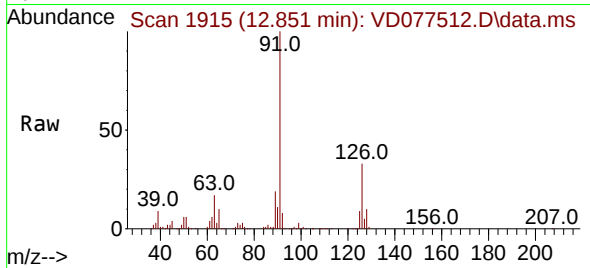
#79
2-Chlorotoluene
Concen: 52.574 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 486524
Ion Ratio Lower Upper
91 100
126 32.4 19.4 58.1

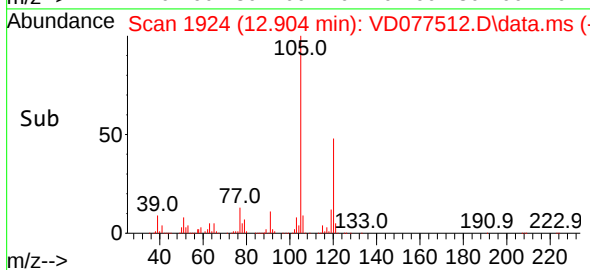
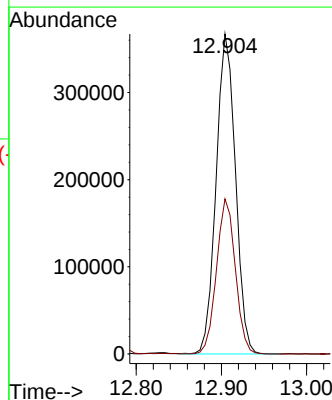
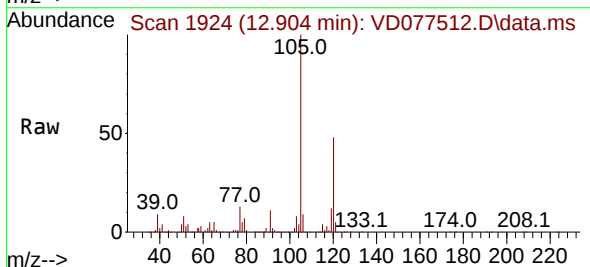
Manual Integrations
APPROVED

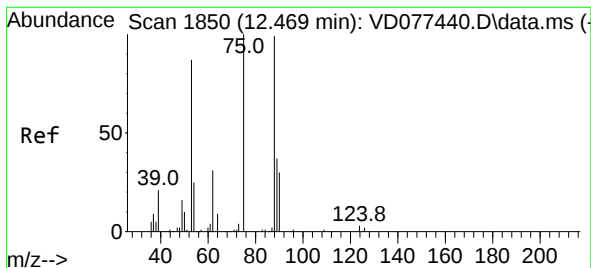
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#80
1,3,5-Trimethylbenzene
Concen: 53.723 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

Tgt Ion:105 Resp: 580253
Ion Ratio Lower Upper
105 100
120 47.2 26.4 79.2





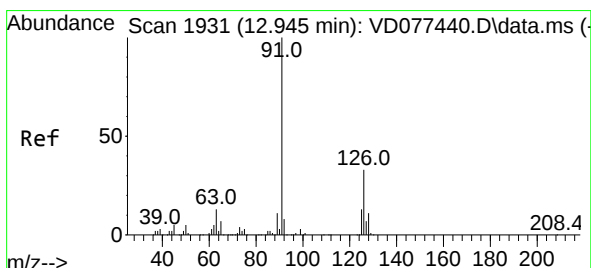
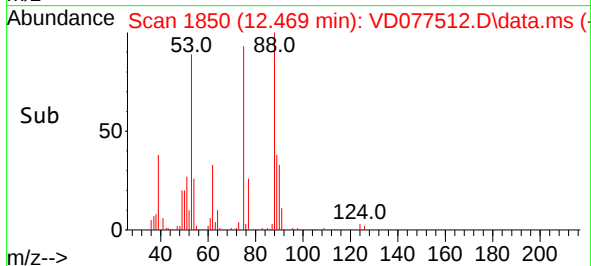
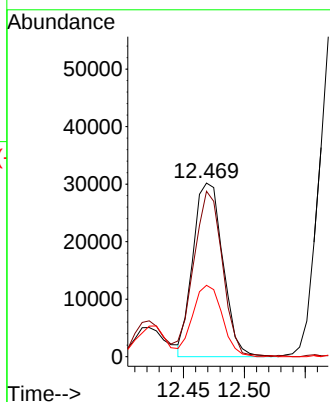
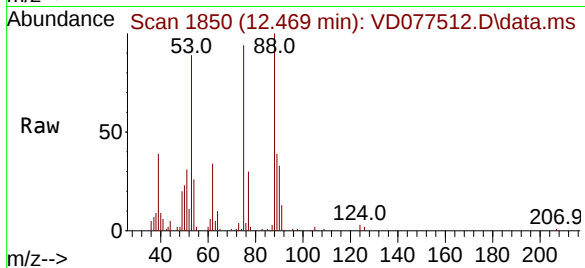
#81
trans-1,4-Dichloro-2-butene
Concen: 51.994 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 5172
Ion Ratio Lower Upper
75 100
53 92.0 63.0 94.4
89 40.4 37.9 56.9

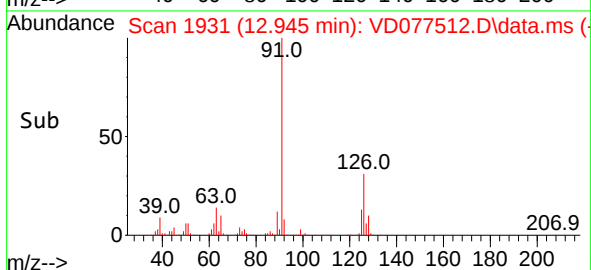
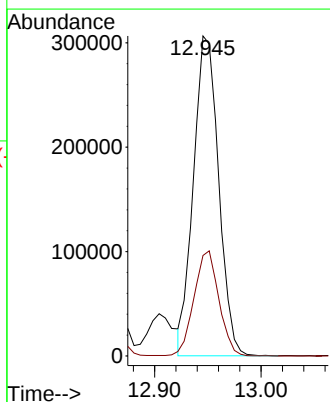
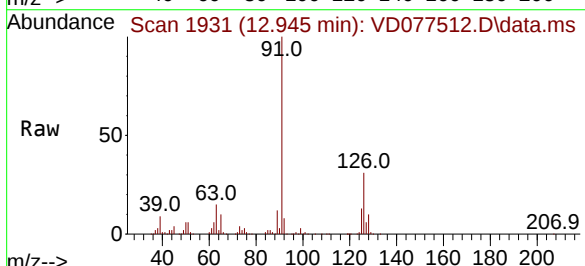
Manual Integrations
APPROVED

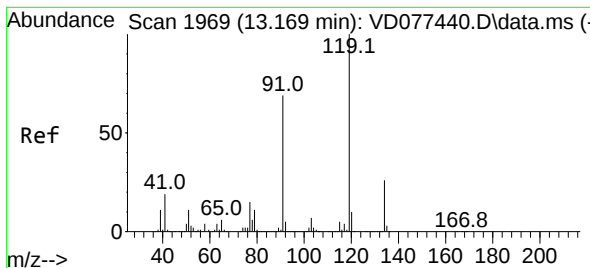
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#82
4-Chlorotoluene
Concen: 52.203 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

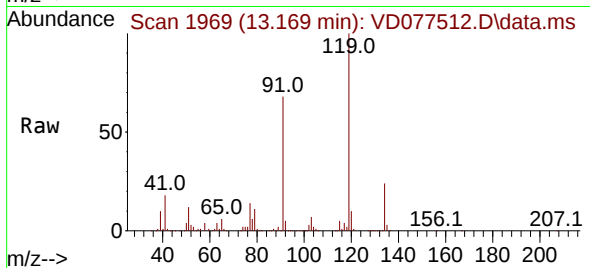
Tgt Ion: 91 Resp: 503211
Ion Ratio Lower Upper
91 100
126 32.6 19.4 58.4





#83
tert-Butylbenzene
Concen: 54.184 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

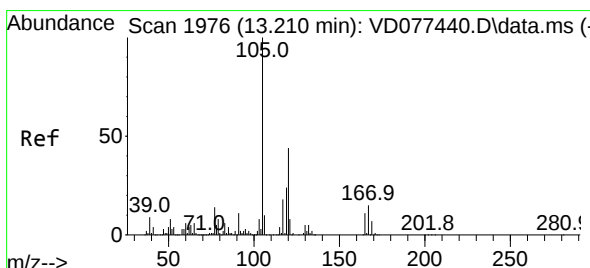
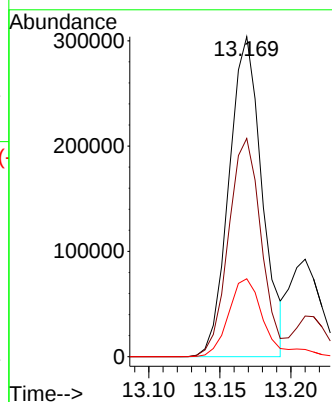
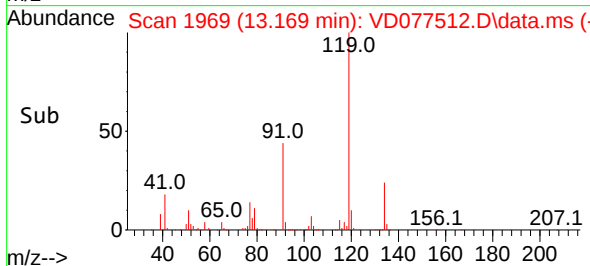
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



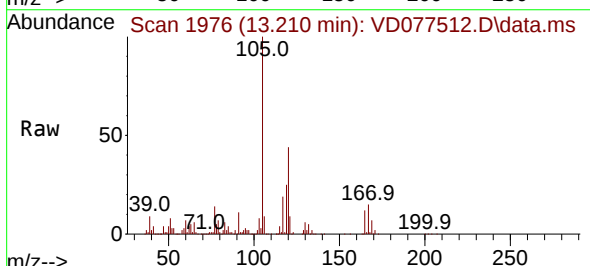
Tgt Ion:119 Resp: 49204
Ion Ratio Lower Upper
119 100
91 68.5 29.3 87.8
134 26.3 14.1 42.3

Manual Integrations
APPROVED

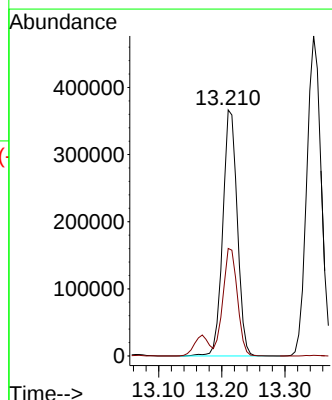
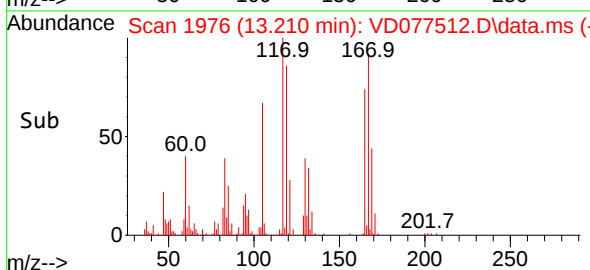
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

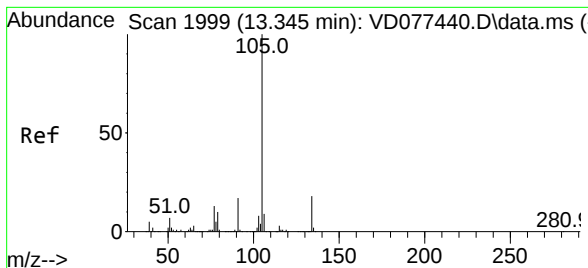


#84
1,2,4-Trimethylbenzene
Concen: 54.475 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22



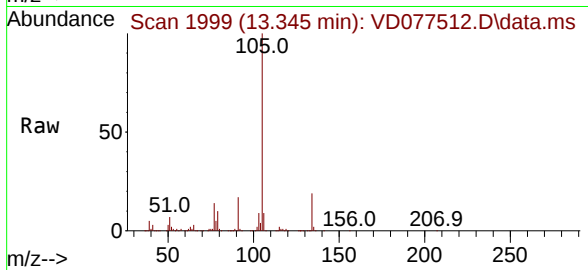
Tgt Ion:105 Resp: 584474
Ion Ratio Lower Upper
105 100
120 43.4 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 54.321 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077512.D
 Acq: 06 Nov 2023 17:22

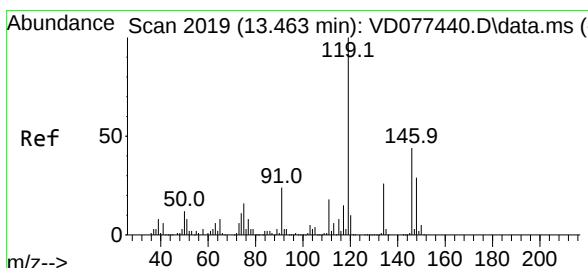
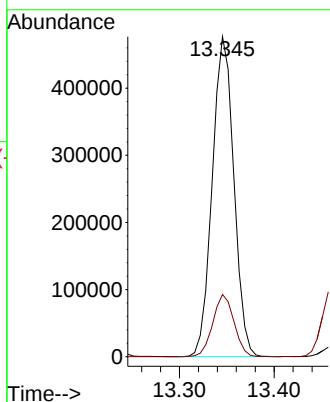
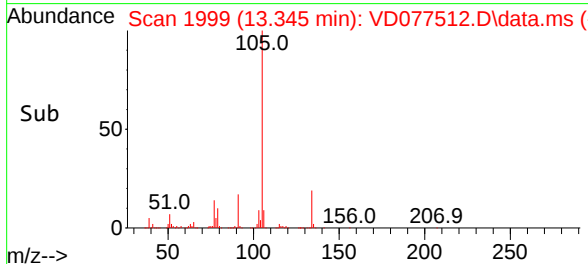
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



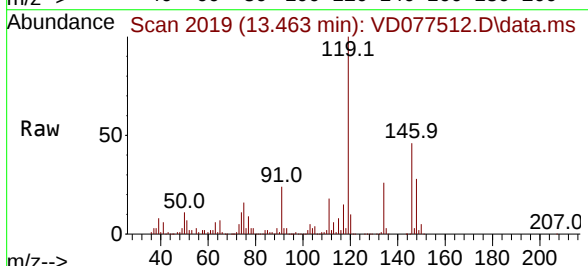
Tgt Ion:105 Resp: 754749
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.9 32.9

Manual Integrations
 APPROVED

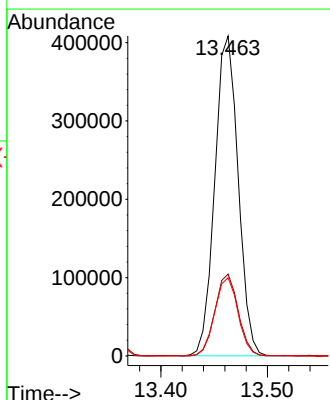
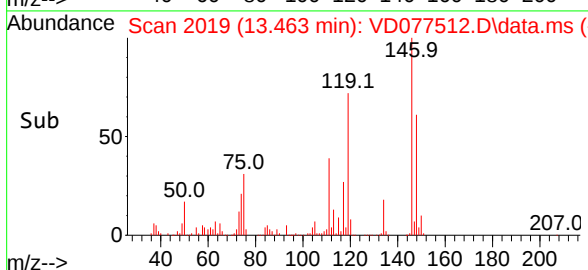
Reviewed By :John Carlone 11/07/2023
 Supervised By :Mahesh Dadoda 11/07/2023

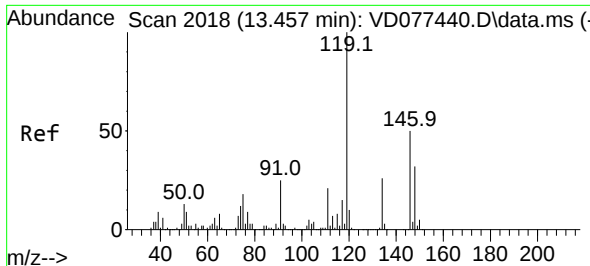


#86
 p-Isopropyltoluene
 Concen: 54.927 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077512.D
 Acq: 06 Nov 2023 17:22



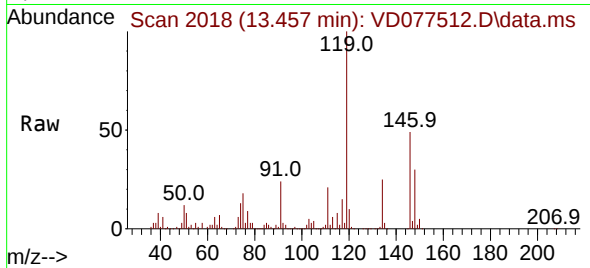
Tgt Ion:119 Resp: 620320
 Ion Ratio Lower Upper
 119 100
 134 25.5 14.2 42.6
 91 24.4 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 55.558 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

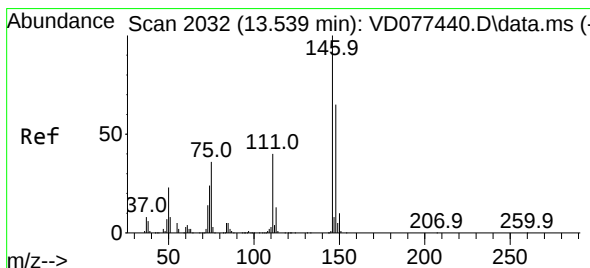
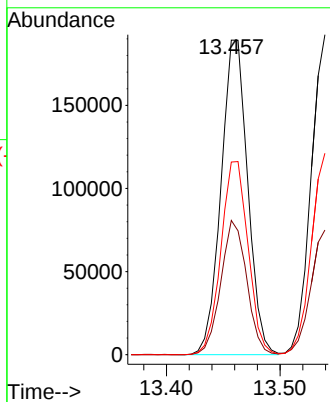
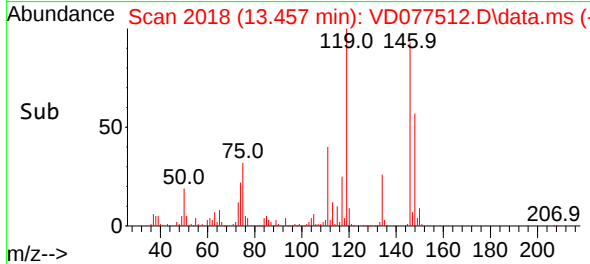
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



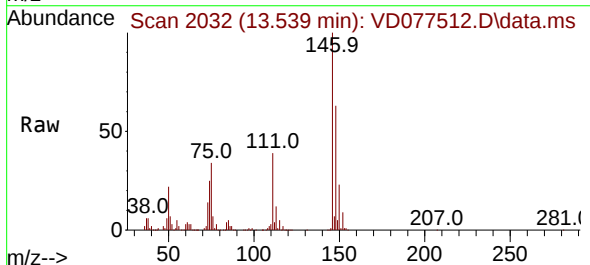
Tgt Ion:146 Resp: 309424
Ion Ratio Lower Upper
146 100
111 41.4 17.9 53.8
148 62.4 32.3 96.8

Manual Integrations
APPROVED

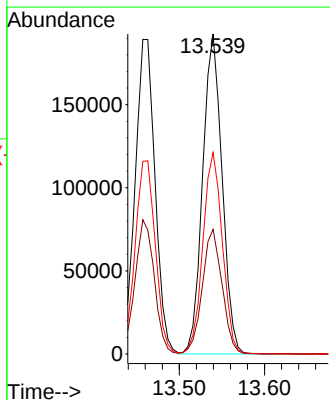
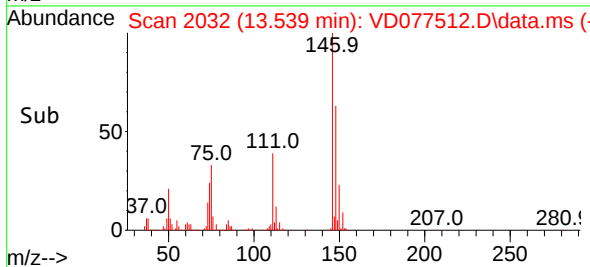
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

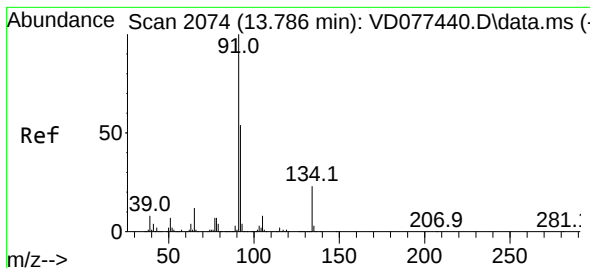


#88
1,4-Dichlorobenzene
Concen: 54.809 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22



Tgt Ion:146 Resp: 304978
Ion Ratio Lower Upper
146 100
111 39.6 17.4 52.3
148 63.2 31.7 95.1





#89

n-Butylbenzene

Concen: 53.910 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077512.D

Acq: 06 Nov 2023 17:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 63281

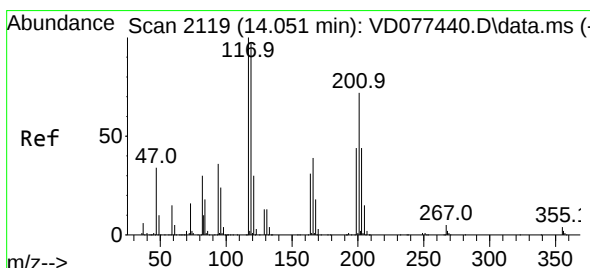
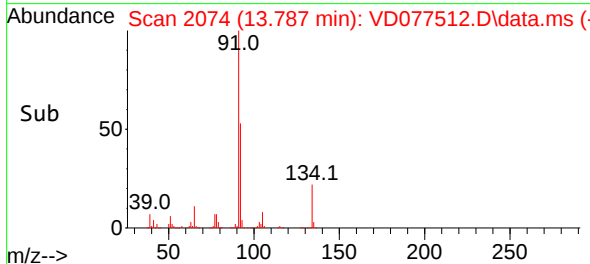
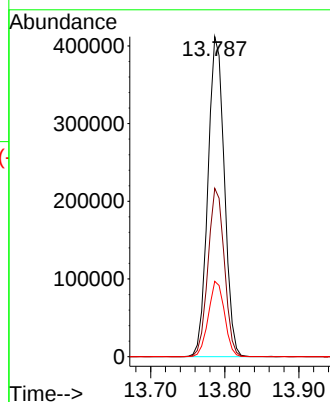
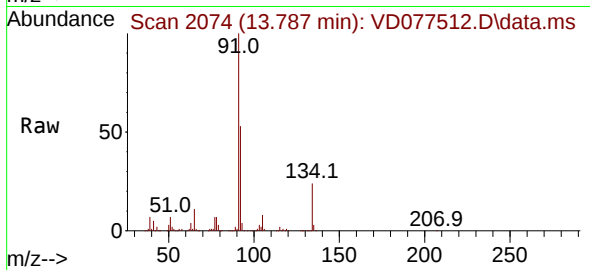
Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.5	79.5
134	23.3	13.8	41.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#90

Hexachloroethane

Concen: 52.258 ug/l

RT: 14.057 min Scan# 2120

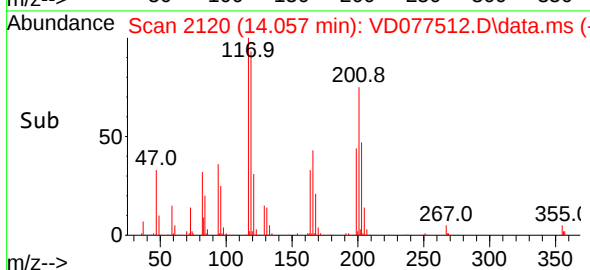
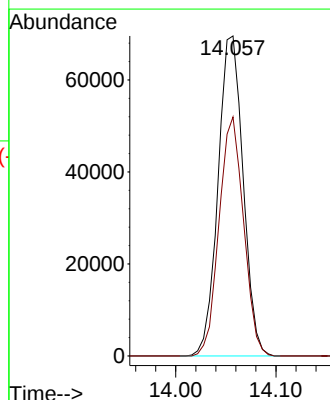
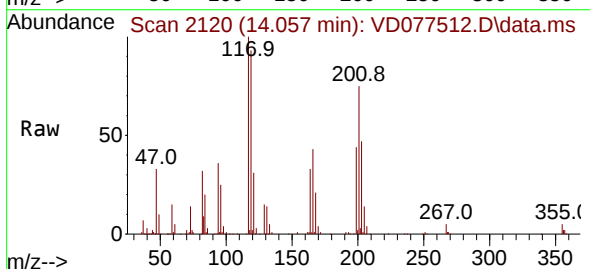
Delta R.T. 0.006 min

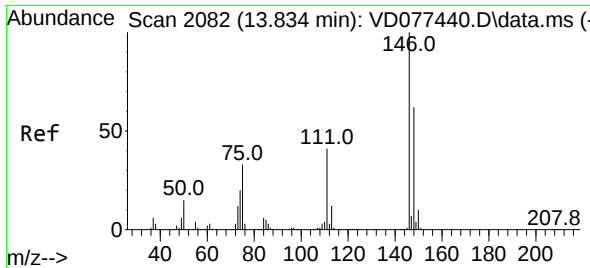
Lab File: VD077512.D

Acq: 06 Nov 2023 17:22

Tgt Ion:117 Resp: 120770

Ion	Ratio	Lower	Upper
117	100		
201	72.9	38.5	115.5





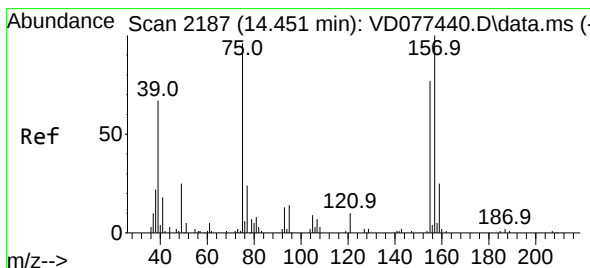
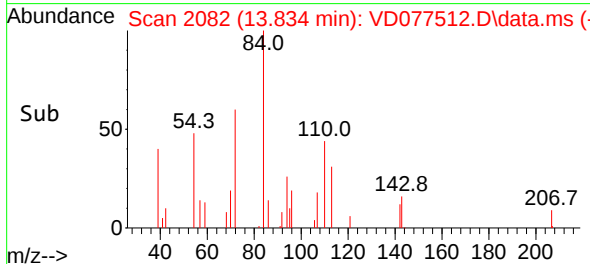
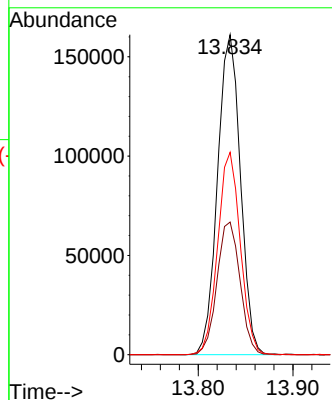
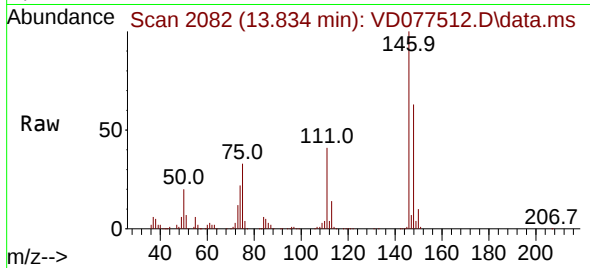
#91
1,2-Dichlorobenzene
Concen: 55.244 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 270394
Ion Ratio Lower Upper
146 100
111 41.9 18.3 54.8
148 62.4 31.6 94.7

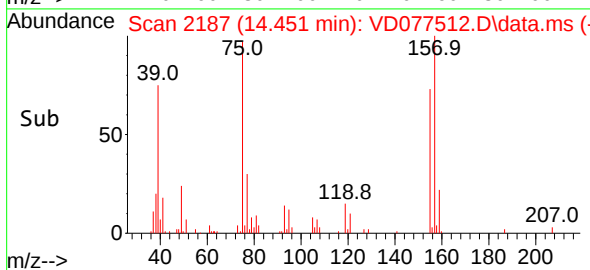
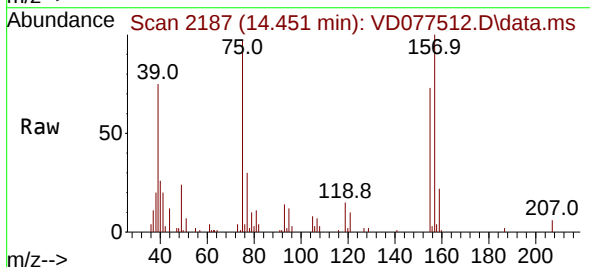
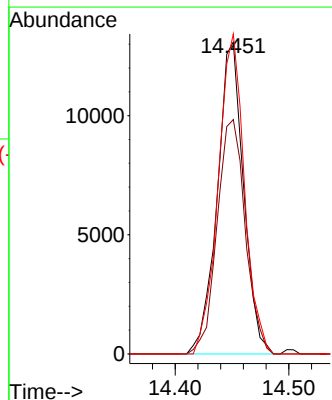
Manual Integrations
APPROVED

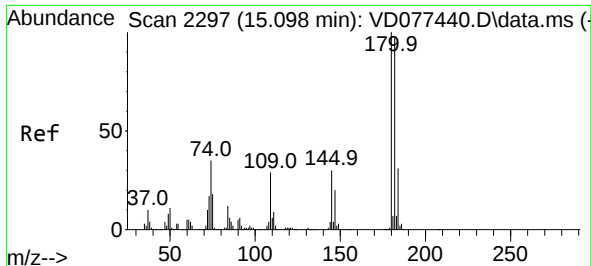
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.492 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

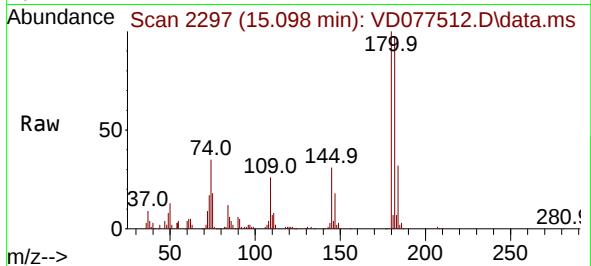
Tgt Ion: 75 Resp: 21038
Ion Ratio Lower Upper
75 100
155 80.6 47.9 143.8
157 102.1 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 53.009 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

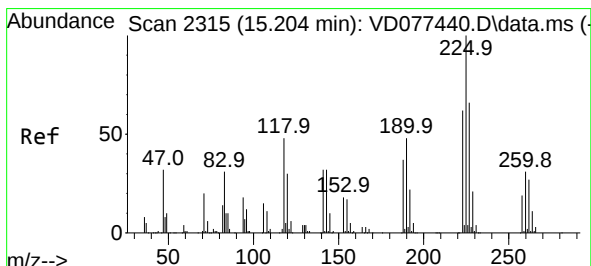
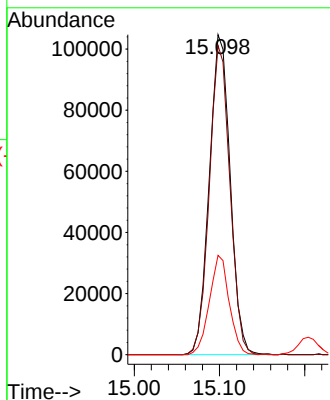
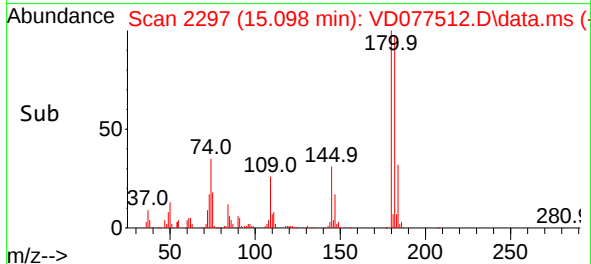
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



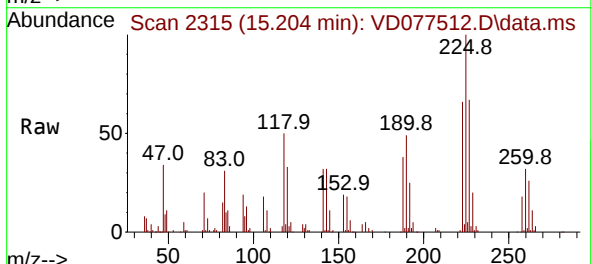
Tgt Ion:180 Resp: 178239
Ion Ratio Lower Upper
180 100
182 95.2 48.5 145.6
145 29.4 14.2 42.6

Manual Integrations
APPROVED

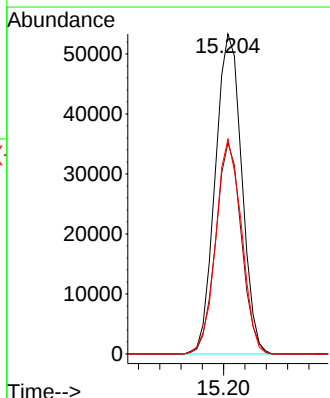
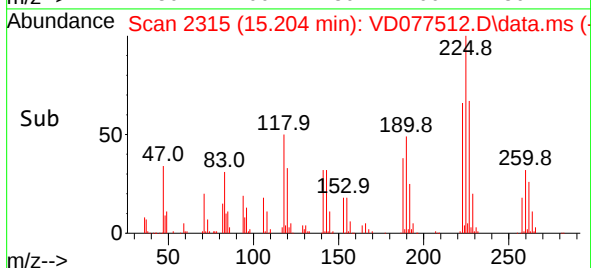
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

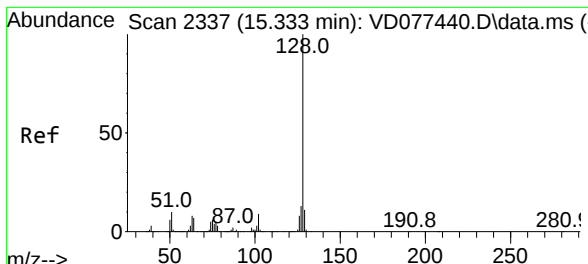


#94
Hexachlorobutadiene
Concen: 50.720 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22



Tgt Ion:225 Resp: 91991
Ion Ratio Lower Upper
225 100
223 64.0 31.6 94.8
227 65.2 31.7 95.1





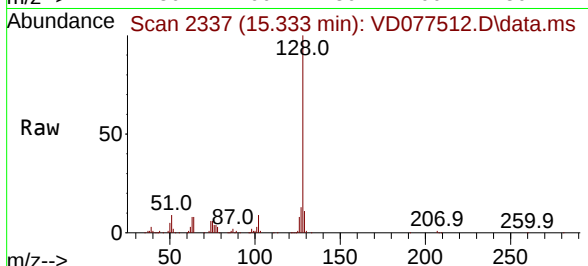
#95
Naphthalene
Concen: 54.495 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion:128 Resp: 349548

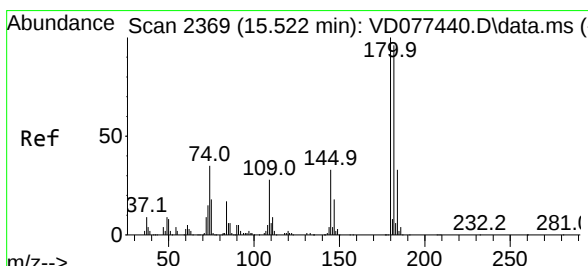
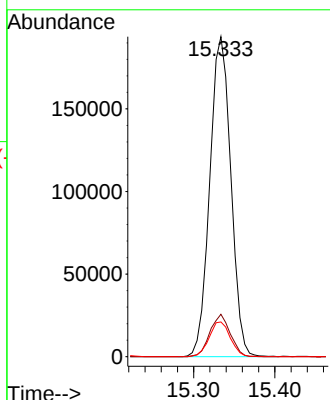
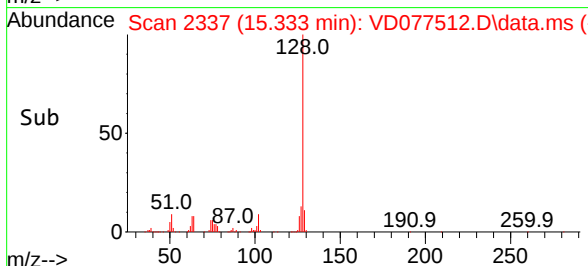
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	10.8	8.7	13.1

Manual Integrations

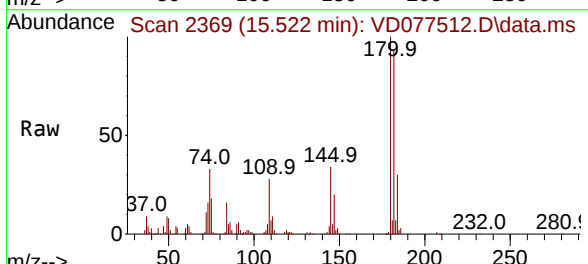
APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#96
1,2,3-Trichlorobenzene
Concen: 53.510 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077512.D
Acq: 06 Nov 2023 17:22



Tgt Ion:180 Resp: 155308

Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	141.9
145	32.2	15.1	45.3

