

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103123\
 Data File : VD077452.D
 Acq On : 31 Oct 2023 10:08
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 01 06:01:51 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 11/01/2023
 Supervised By : Mahesh Dadoda 11/01/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	300148	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	531120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	454701	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	204433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	205560	48.433	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.860%		
35) Dibromofluoromethane	7.810	113	184081	50.146	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.300%		
50) Toluene-d8	10.269	98	726970	50.984	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.960%		
62) 4-Bromofluorobenzene	12.575	95	231930	48.294	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.580%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.940	85	115401	47.683	ug/l	99
3) Chloromethane	2.152	50	209377	54.492	ug/l	98
4) Vinyl Chloride	2.293	62	216045	57.660	ug/l	96
5) Bromomethane	2.699	94	112647	57.374	ug/l	95
6) Chloroethane	2.846	64	142089	56.325	ug/l	99
7) Trichlorofluoromethane	3.181	101	275404	52.487	ug/l	96
8) Diethyl Ether	3.599	74	88733	47.045	ug/l #	46
9) 1,1,2-Trichlorotrifluo...	3.975	101	163022	51.465	ug/l	92
10) Methyl Iodide	4.169	142	178381	44.931	ug/l #	90
11) Tert butyl alcohol	5.052	59	67327	200.259	ug/l	95
12) 1,1-Dichloroethene	3.946	96	157662	52.574	ug/l #	66
13) Acrolein	3.799	56	87807	198.054	ug/l	95
14) Allyl chloride	4.569	41	373593	51.641	ug/l #	83
15) Acrylonitrile	5.252	53	241881	237.231	ug/l	98
16) Acetone	4.022	43	253156	225.413	ug/l #	78
17) Carbon Disulfide	4.275	76	464475	50.196	ug/l	99
18) Methyl Acetate	4.563	43	197181	48.133	ug/l #	76
19) Methyl tert-butyl Ether	5.322	73	438728	46.608	ug/l	92
20) Methylene Chloride	4.811	84	186973	43.995	ug/l #	63
21) trans-1,2-Dichloroethene	5.316	96	177870	50.928	ug/l #	68
22) Diisopropyl ether	6.216	45	746318	48.538	ug/l #	90
23) Vinyl Acetate	6.157	43	1560360m	235.228	ug/l	
24) 1,1-Dichloroethane	6.116	63	396385	49.683	ug/l	93
25) 2-Butanone	7.081	43	337128	225.051	ug/l #	73
26) 2,2-Dichloropropane	7.081	77	337970	47.801	ug/l	90
27) cis-1,2-Dichloroethene	7.081	96	210686	48.692	ug/l	70
28) Bromochloromethane	7.428	49	188691	52.077	ug/l #	53
29) Tetrahydrofuran	7.446	42	206109	231.987	ug/l #	69
30) Chloroform	7.599	83	355030	47.659	ug/l	97
31) Cyclohexane	7.881	56	343861	51.827	ug/l #	76
32) 1,1,1-Trichloroethane	7.793	97	308003	50.183	ug/l	95
36) 1,1-Dichloropropene	8.010	75	283939	52.169	ug/l	91
37) Ethyl Acetate	7.169	43	148438	47.523	ug/l #	86
38) Carbon Tetrachloride	7.993	117	258489	50.400	ug/l	98
39) Methylcyclohexane	9.275	83	325760	52.457	ug/l #	78
40) Benzene	8.252	78	775441	49.964	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	86638	43.349	ug/l #	71
42) 1,2-Dichloroethane	8.328	62	232198	47.237	ug/l	89
43) Isopropyl Acetate	8.363	43	295118	45.785	ug/l #	81
44) Trichloroethene	9.028	130	184003	48.401	ug/l	83
45) 1,2-Dichloropropane	9.304	63	220474	48.253	ug/l	100
46) Dibromomethane	9.398	93	100300	45.614	ug/l	89
47) Bromodichloromethane	9.587	83	274221	47.182	ug/l	98
48) Methyl methacrylate	9.381	41	146910	47.747	ug/l #	63
49) 1,4-Dioxane	9.387	88	21053	891.032	ug/l #	62
51) 4-Methyl-2-Pentanone	10.157	43	726849	229.096	ug/l #	81
52) Toluene	10.334	92	464176	49.060	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	286439	46.544	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	339998	48.008	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	133792	45.606	ug/l	93
56) Ethyl methacrylate	10.598	69	201734	46.250	ug/l #	62
57) 1,3-Dichloropropane	10.881	76	256435	46.766	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	557510	255.308	ug/l #	84
59) 2-Hexanone	10.922	43	518234	221.732	ug/l	78
60) Dibromochloromethane	11.075	129	159518	45.220	ug/l	96
61) 1,2-Dibromoethane	11.181	107	125767	45.269	ug/l	99
64) Tetrachloroethene	10.810	164	144243	49.826	ug/l	93
65) Chlorobenzene	11.610	112	462436	48.545	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	171181	47.553	ug/l	95
67) Ethyl Benzene	11.687	91	921264	50.263	ug/l	93
68) m/p-Xylenes	11.798	106	652739	98.620	ug/l	78
69) o-Xylene	12.122	106	313226	49.407	ug/l	81
70) Styrene	12.140	104	524450	47.952	ug/l #	89
71) Bromoform	12.298	173	90178	45.186	ug/l #	97
73) Isopropylbenzene	12.422	105	844045	50.640	ug/l	93
74) N-amyl acetate	12.234	43	280542	47.519	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.675	83	156632	47.940	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	121275m	48.741	ug/l	
77) Bromobenzene	12.704	156	171573	46.766	ug/l	69
78) n-propylbenzene	12.763	91	1066577	50.397	ug/l	92
79) 2-Chlorotoluene	12.851	91	587031	48.989	ug/l	87
80) 1,3,5-Trimethylbenzene	12.904	105	684648	48.954	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.469	75	60022	46.597	ug/l #	84
82) 4-Chlorotoluene	12.951	91	599147	48.002	ug/l	87
83) tert-Butylbenzene	13.169	119	575988	48.985	ug/l	87
84) 1,2,4-Trimethylbenzene	13.216	105	678607	48.846	ug/l	92
85) sec-Butylbenzene	13.345	105	901842	50.127	ug/l	93
86) p-Isopropyltoluene	13.463	119	718738	49.149	ug/l	93
87) 1,3-Dichlorobenzene	13.463	146	340236	47.179	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	335184	46.520	ug/l	95
89) n-Butylbenzene	13.787	91	756424	49.766	ug/l	97
90) Hexachloroethane	14.057	117	146356	48.908	ug/l	91
91) 1,2-Dichlorobenzene	13.834	146	297447	46.933	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	24883	45.208	ug/l	80
93) 1,2,4-Trichlorobenzene	15.104	180	196051	45.029	ug/l	97
94) Hexachlorobutadiene	15.204	225	110042	46.856	ug/l	100
95) Naphthalene	15.333	128	377956	45.505	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	169259	45.037	ug/l	99

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ClientSampleId :
VSTDCCC050

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

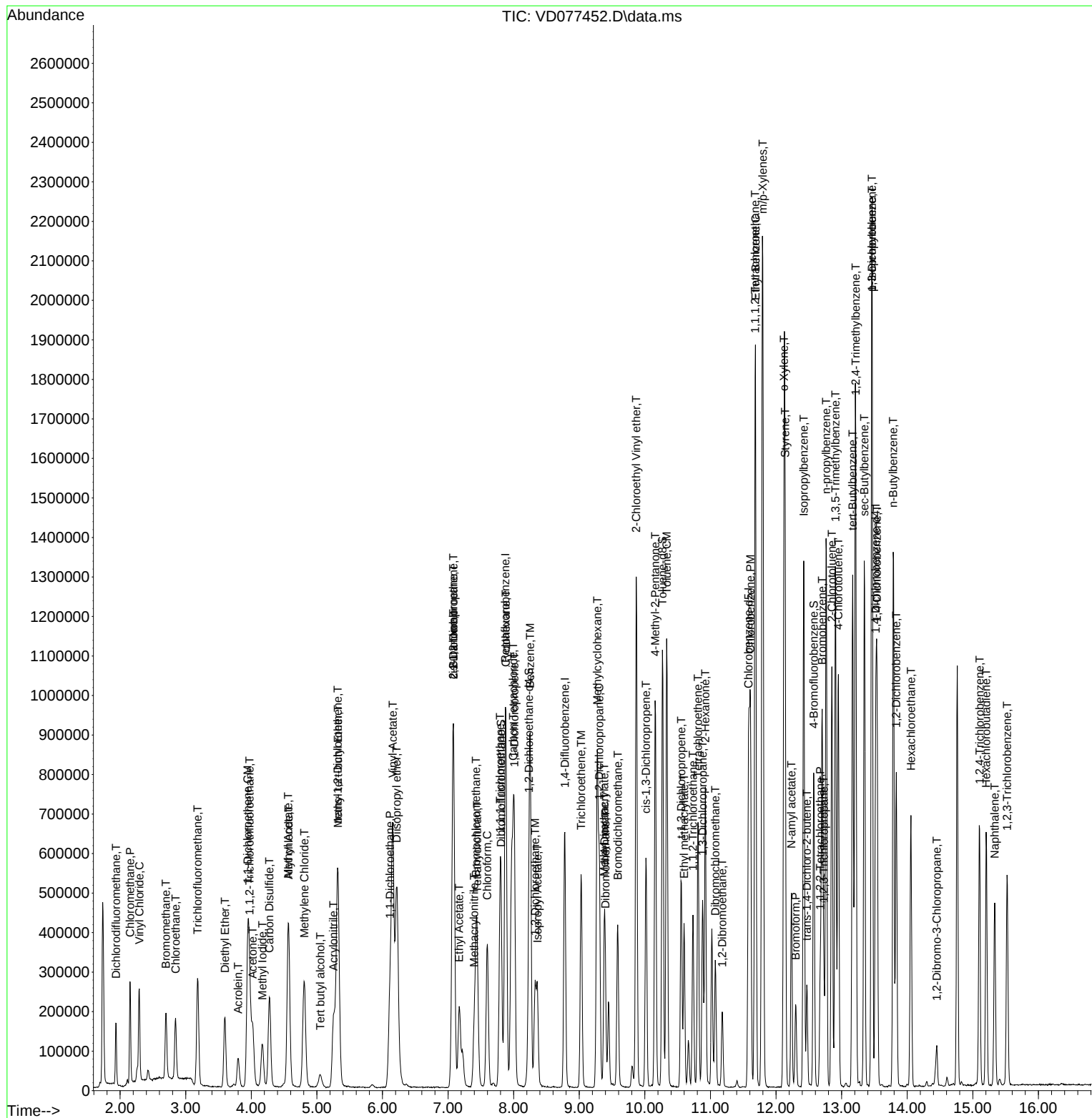
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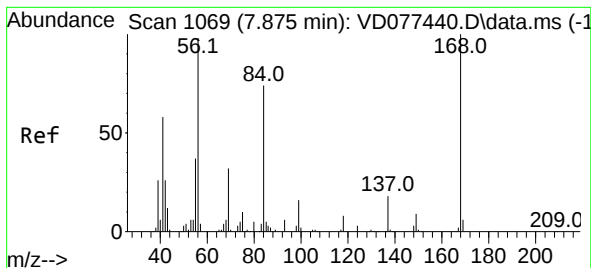
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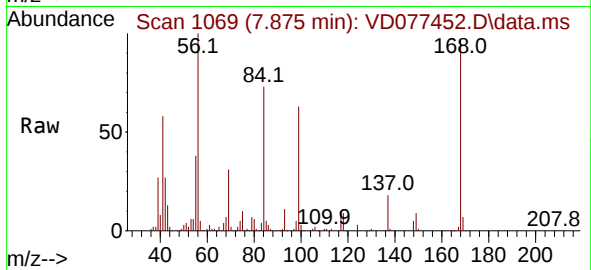
Reviewed By : John Carlone 11/01/2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

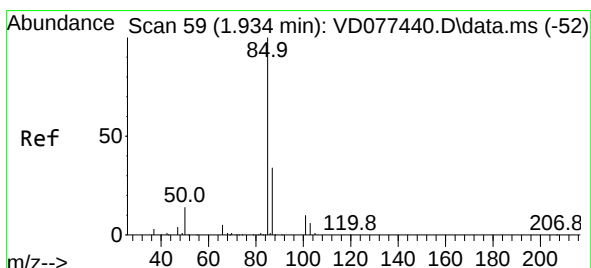
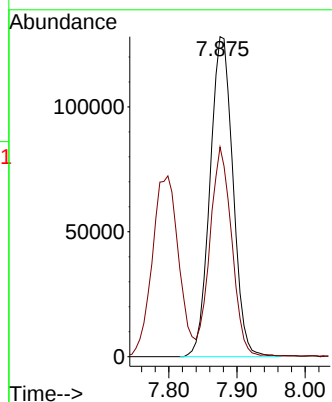
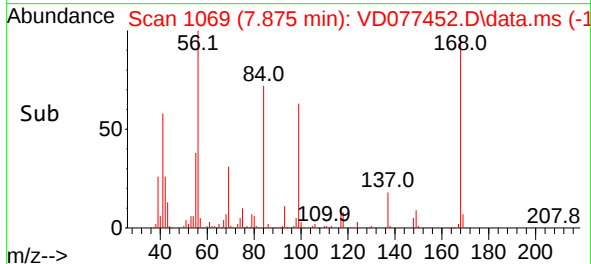
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



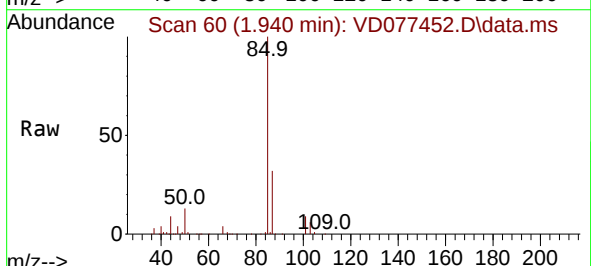
Tgt Ion: 168 Resp: 300148
Ion Ratio Lower Upper
168 100
99 65.2 36.7 55.1

Manual Integrations
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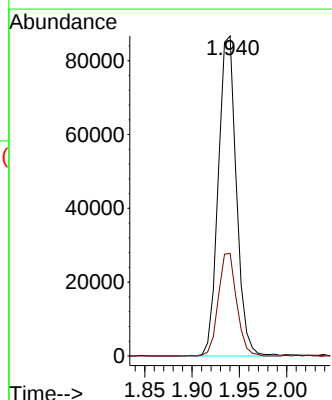
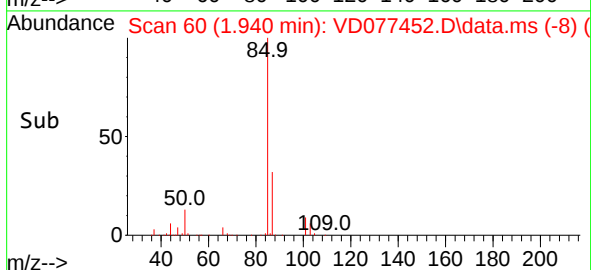
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

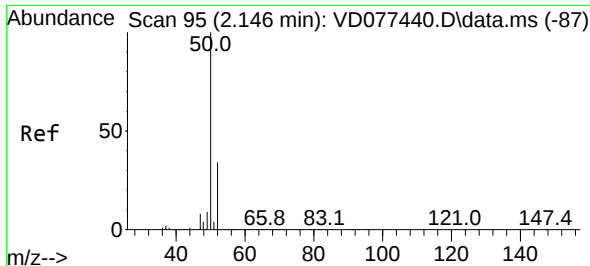


#2
Dichlorodifluoromethane
Concen: 47.683 ug/l
RT: 1.940 min Scan# 60
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08



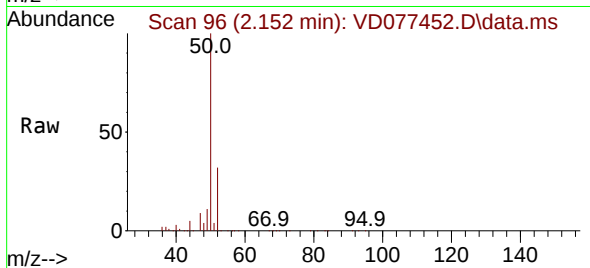
Tgt Ion: 85 Resp: 115401
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.0





#3
Chloromethane
Concen: 54.492 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

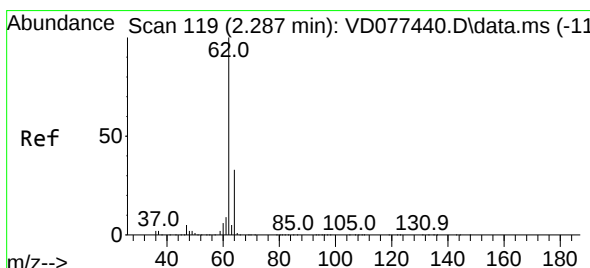
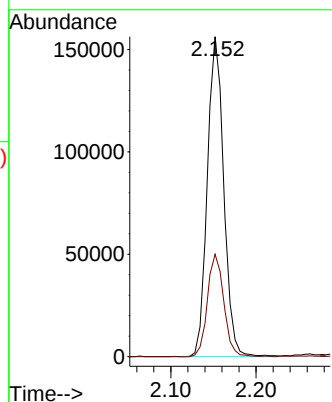
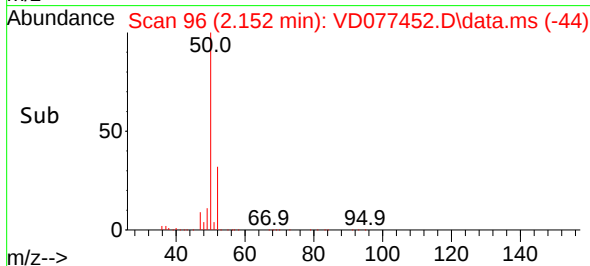
Instrument :
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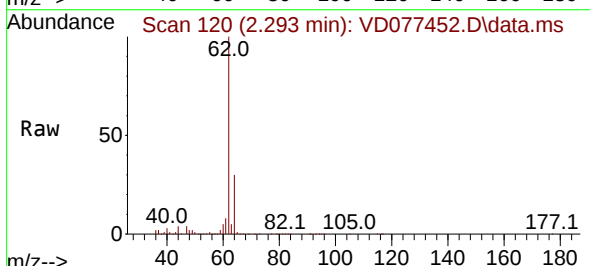
Tgt Ion: 50 Resp: 20937
Ion Ratio Lower Upper
50 100
52 32.0 26.6 40.0

Manual Integrations
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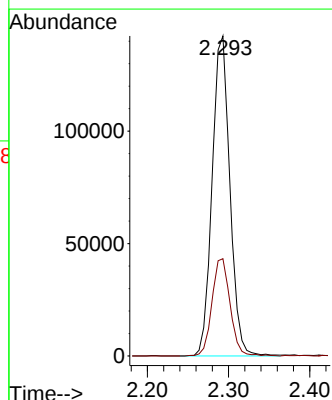
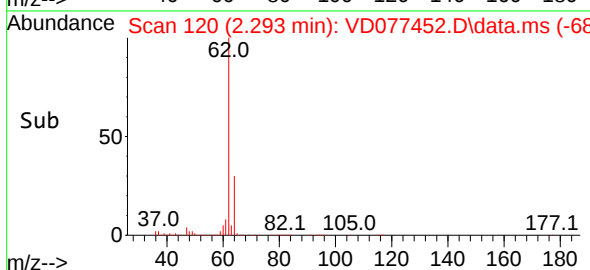
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#4
Vinyl Chloride
Concen: 57.660 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08



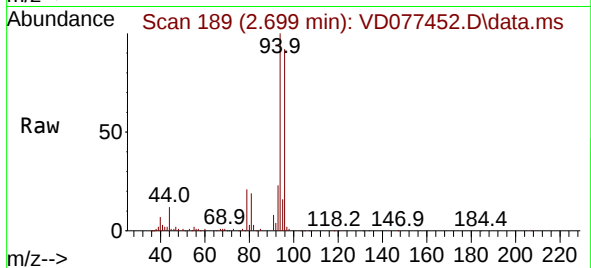
Tgt Ion: 62 Resp: 216045
Ion Ratio Lower Upper
62 100
64 30.4 26.0 39.0





#5
Bromomethane
Concen: 57.374 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

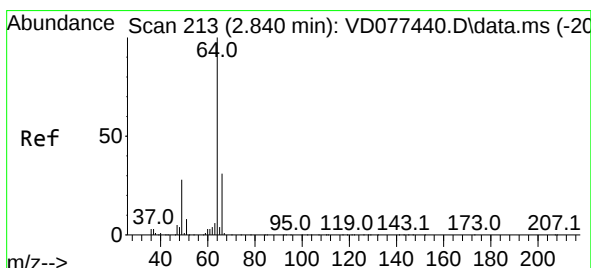
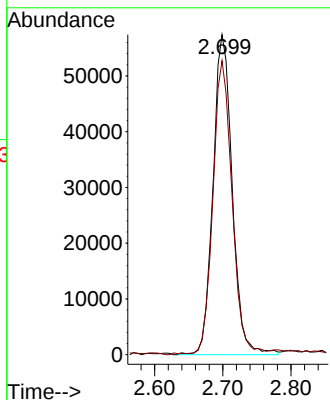
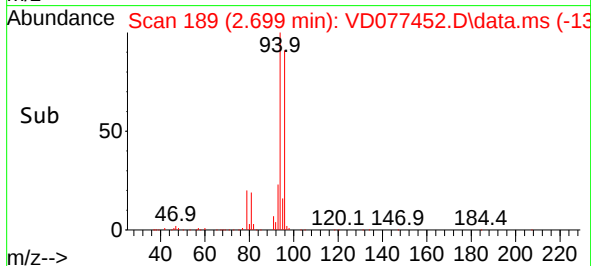
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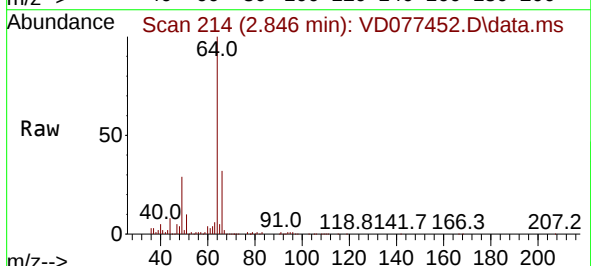
Tgt Ion: 94 Resp: 11264
Ion Ratio Lower Upper
94 100
96 90.2 75.8 113.8

Manual Integrations
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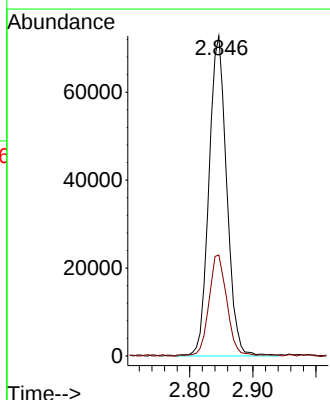
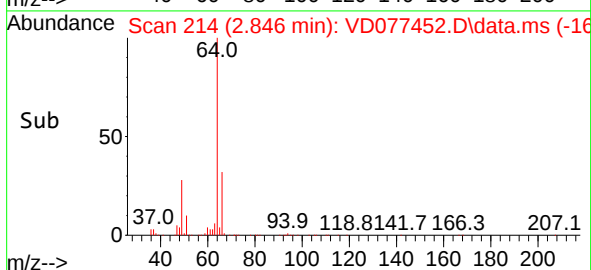
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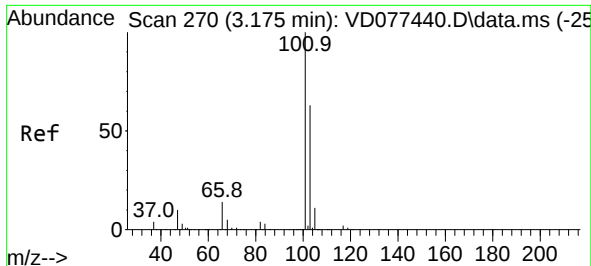


#6
Chloroethane
Concen: 56.325 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08



Tgt Ion: 64 Resp: 142089
Ion Ratio Lower Upper
64 100
66 31.3 25.5 38.3





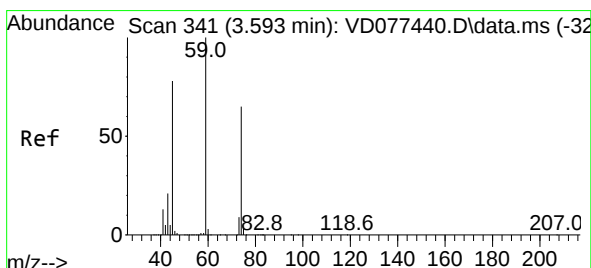
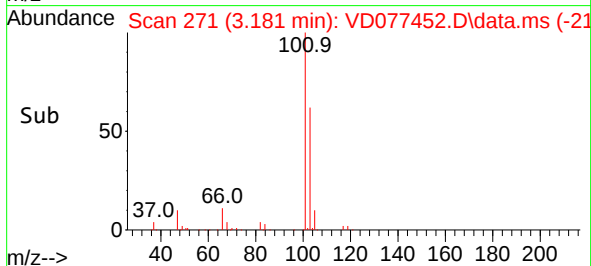
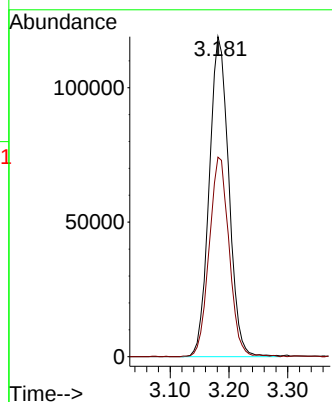
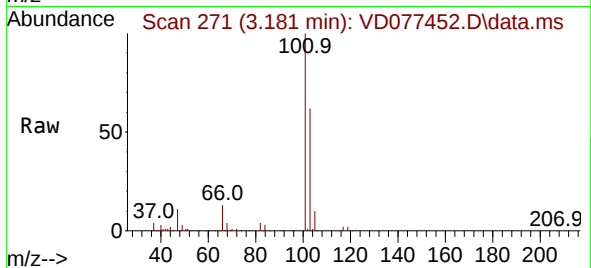
#7
Trichlorofluoromethane
Concen: 52.487 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 275404
Ion Ratio Lower Upper
101 100
103 62.4 52.3 78.5

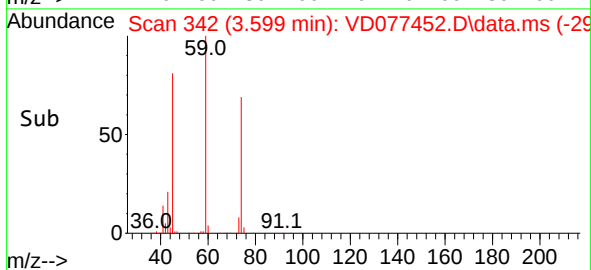
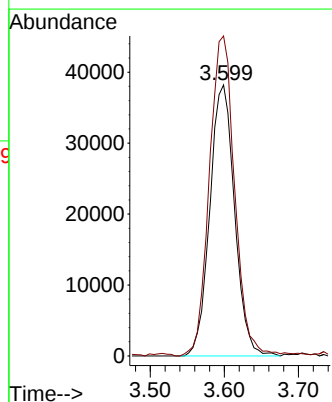
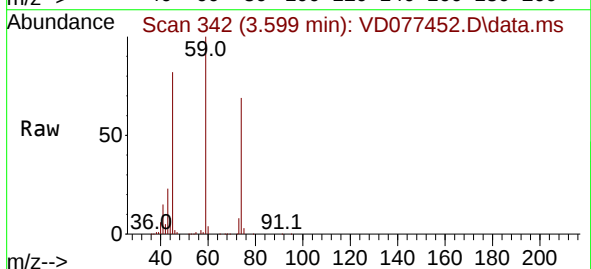
Manual Integrations
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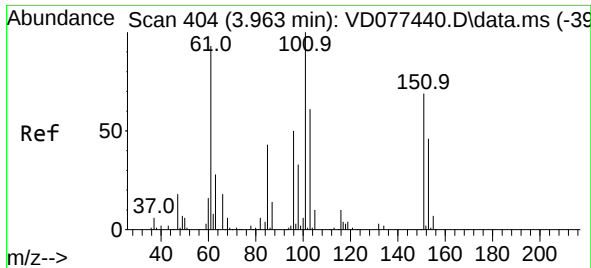
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#8
Diethyl Ether
Concen: 47.045 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Tgt Ion: 74 Resp: 88733
Ion Ratio Lower Upper
74 100
45 121.4 37.5 112.7#





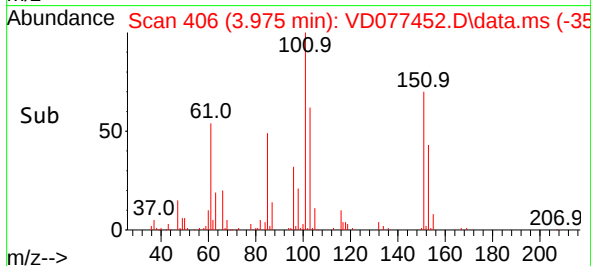
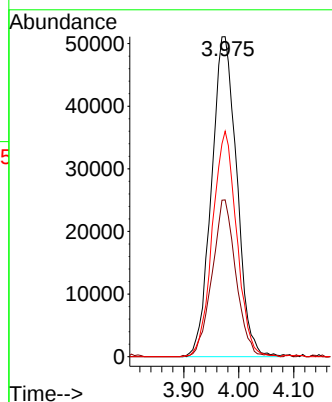
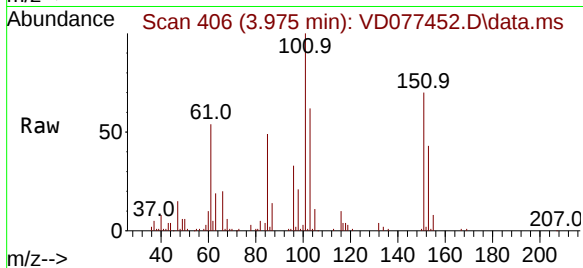
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.465 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 16302
Ion Ratio Lower Upper
101 100
85 46.4 33.8 50.6
151 67.7 59.8 89.6

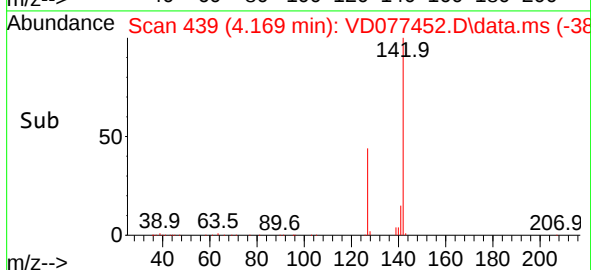
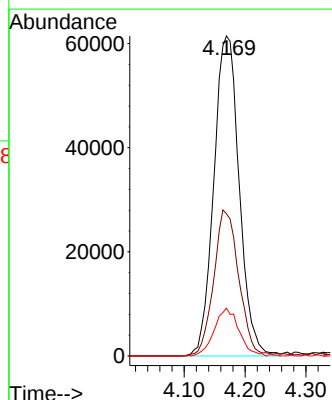
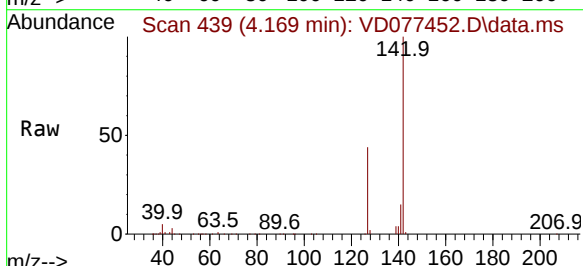
Manual Integrations
APPROVED

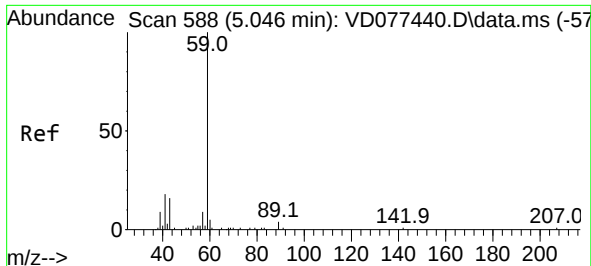
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#10
Methyl Iodide
Concen: 44.931 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

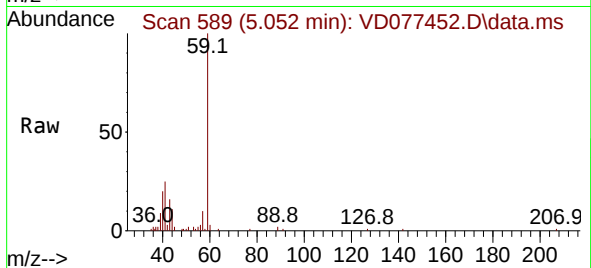
Tgt Ion:142 Resp: 178381
Ion Ratio Lower Upper
142 100
127 44.9 29.4 44.0#
141 14.4 11.1 16.7





#11
Tert butyl alcohol
Concen: 200.259 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

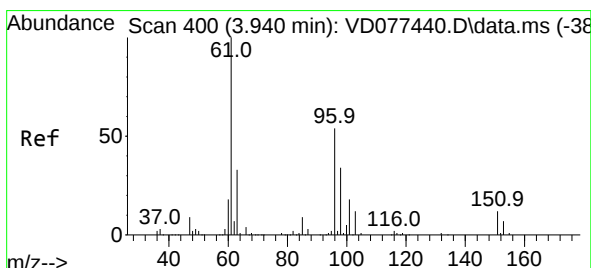
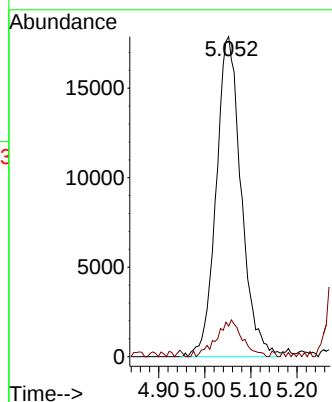
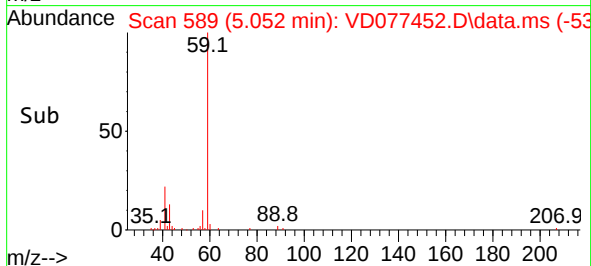
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 6732
Ion Ratio Lower Upper
59 100
57 11.7 7.8 11.8

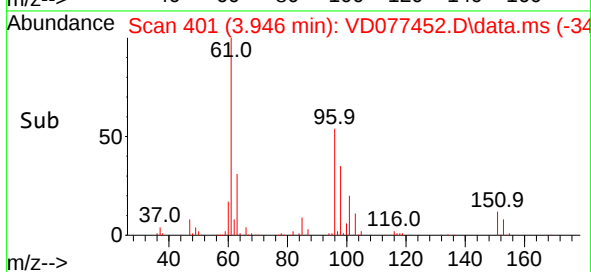
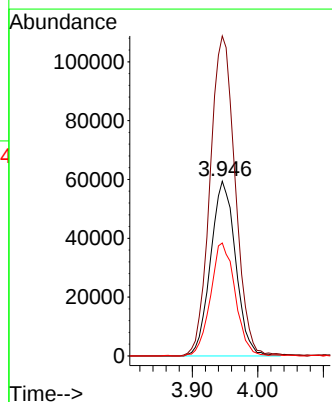
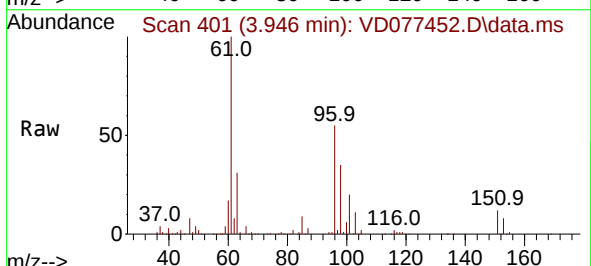
Manual Integrations
APPROVED

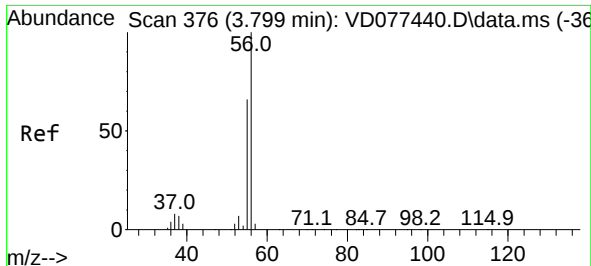
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#12
1,1-Dichloroethene
Concen: 52.574 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Tgt Ion: 96 Resp: 157662
Ion Ratio Lower Upper
96 100
61 183.2 100.6 150.8#
98 64.7 50.2 75.2





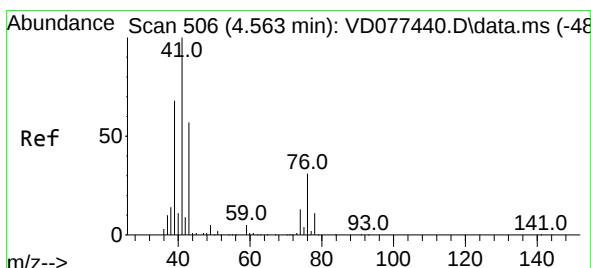
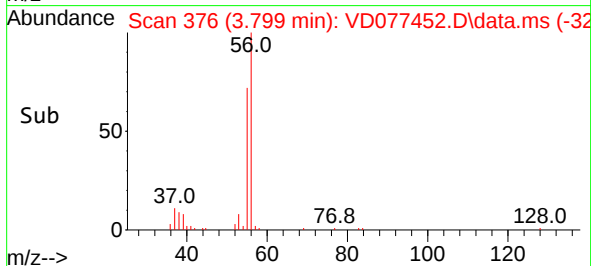
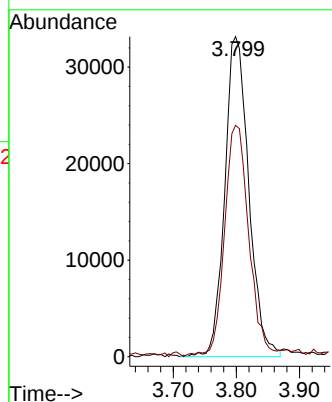
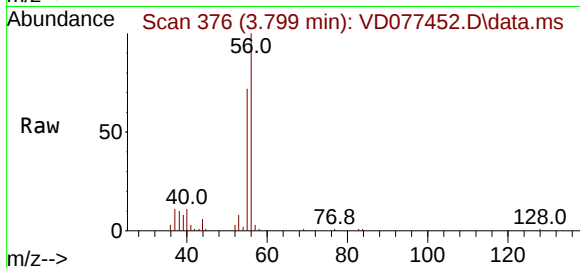
#13
Acrolein
Concen: 198.054 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 8780
Ion Ratio Lower Upper
56 100
55 73.1 55.1 82.7

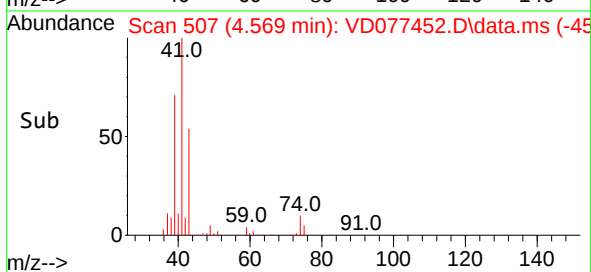
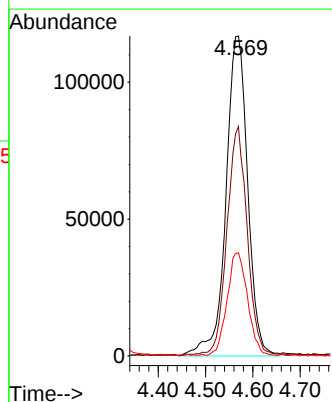
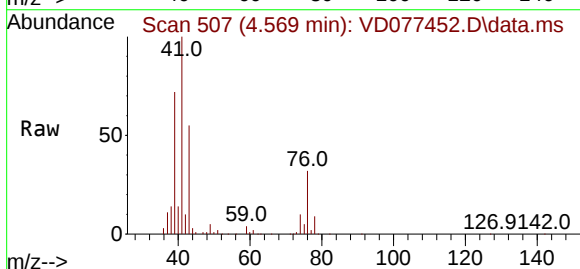
Manual Integrations
APPROVED

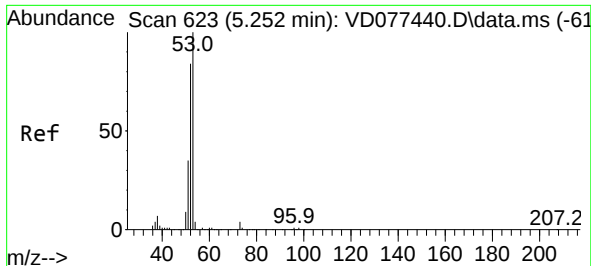
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#14
Allyl chloride
Concen: 51.641 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

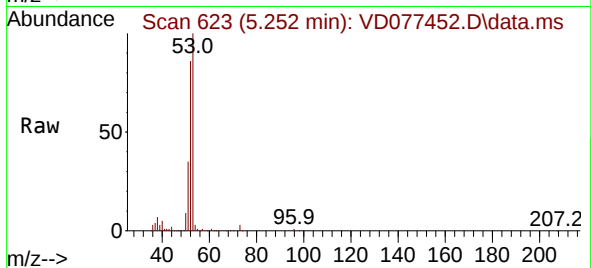
Tgt Ion: 41 Resp: 373593
Ion Ratio Lower Upper
41 100
39 66.4 53.8 80.6
76 30.1 45.8 68.8#





#15
Acrylonitrile
Concen: 237.231 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

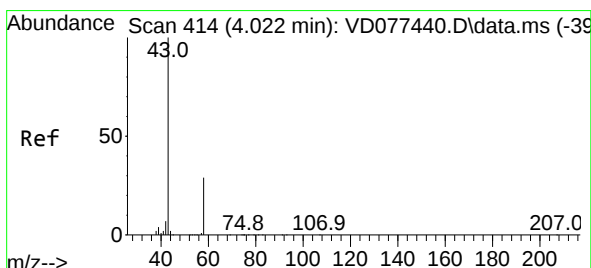
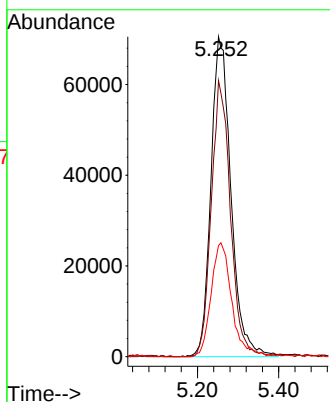
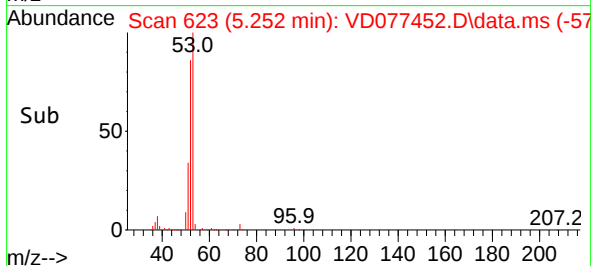
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



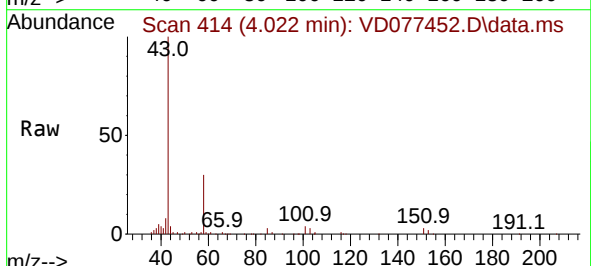
Tgt Ion: 53 Resp: 24188
Ion Ratio Lower Upper
53 100
52 82.1 65.0 97.4
51 36.9 28.3 42.5

Manual Integrations
APPROVED

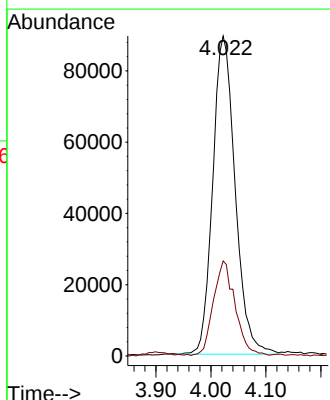
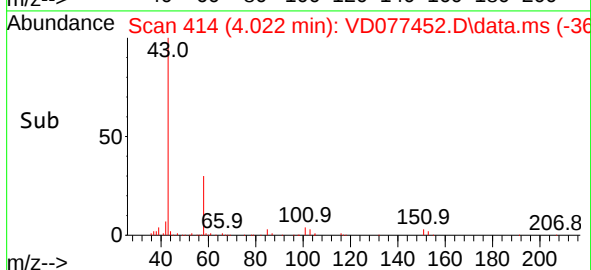
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

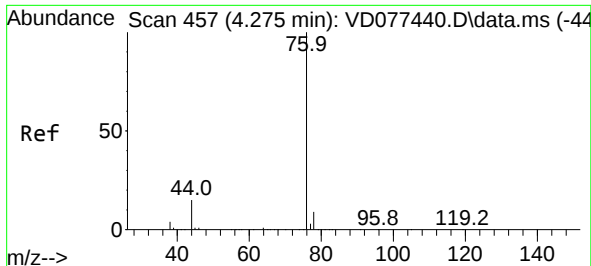


#16
Acetone
Concen: 225.413 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08



Tgt Ion: 43 Resp: 253156
Ion Ratio Lower Upper
43 100
58 29.4 34.7 52.1#





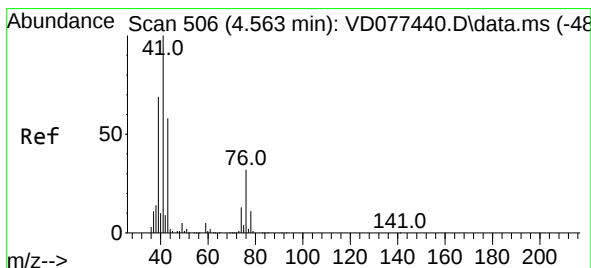
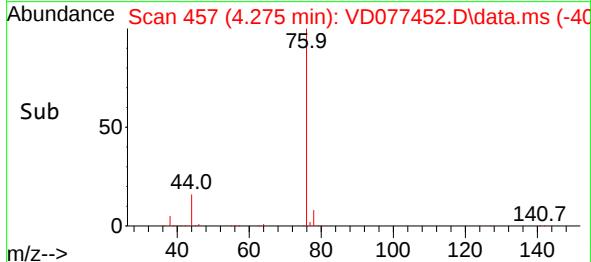
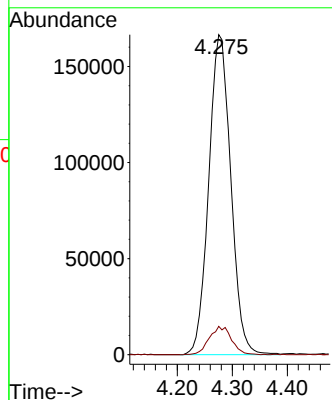
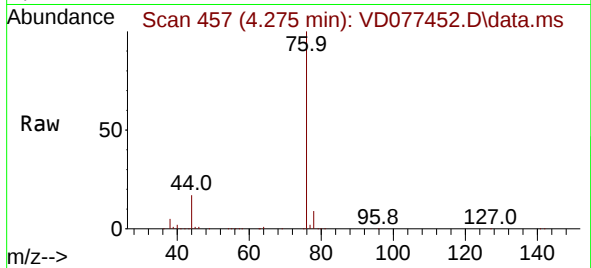
#17
Carbon Disulfide
Concen: 50.196 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 464475
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2

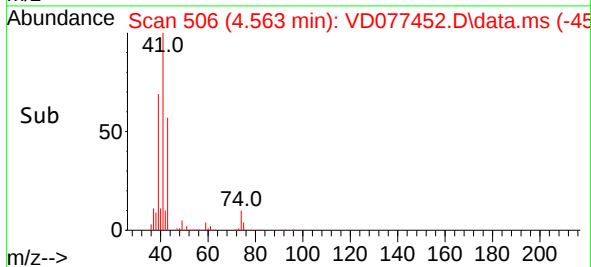
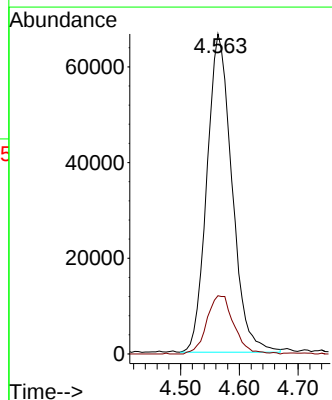
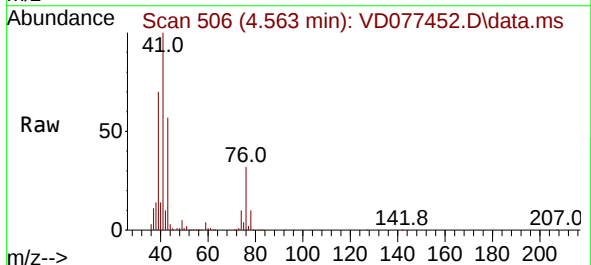
Manual Integrations
APPROVED

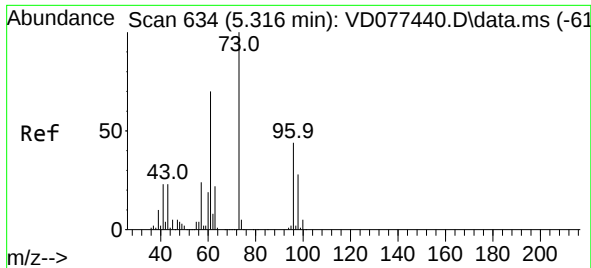
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#18
Methyl Acetate
Concen: 48.133 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Tgt Ion: 43 Resp: 197181
Ion Ratio Lower Upper
43 100
74 19.7 26.4 39.6#





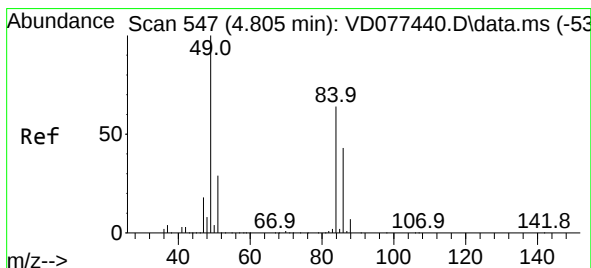
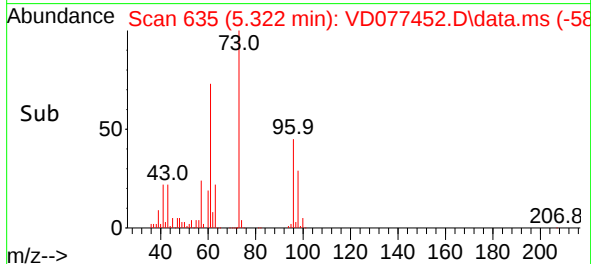
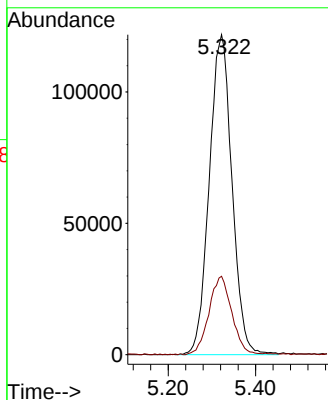
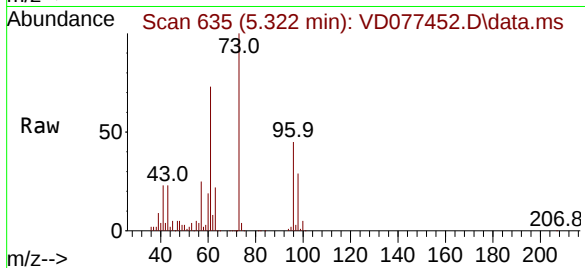
#19
Methyl tert-butyl Ether
Concen: 46.608 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 438728
Ion Ratio Lower Upper
73 100
57 24.5 16.6 25.0

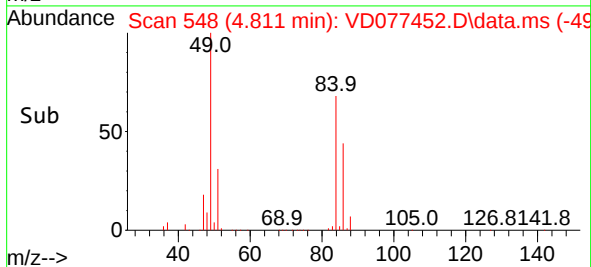
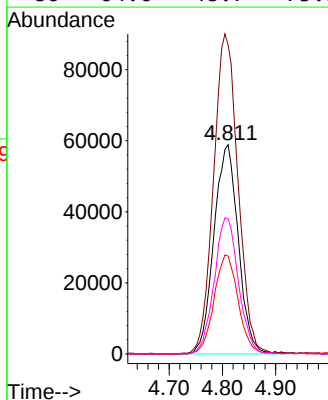
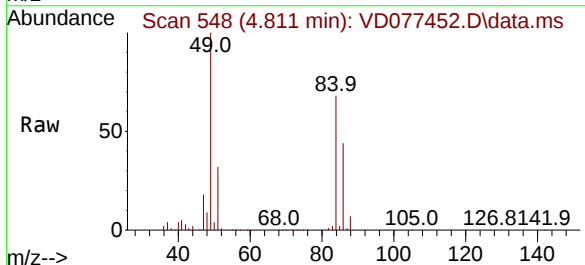
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#20
Methylene Chloride
Concen: 43.995 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

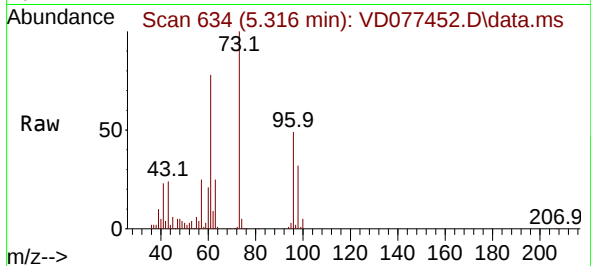
Tgt Ion: 84 Resp: 186973
Ion Ratio Lower Upper
84 100
49 147.7 71.4 107.2#
51 46.8 24.5 36.7#
86 64.6 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 50.928 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

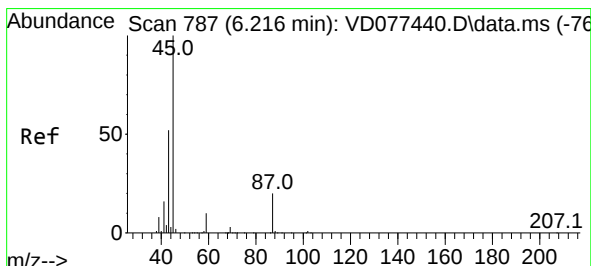
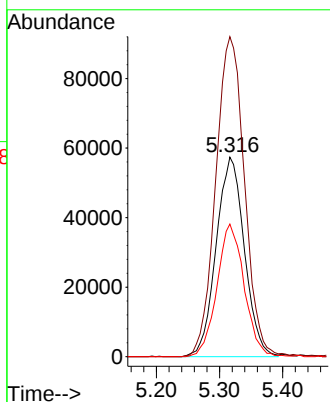
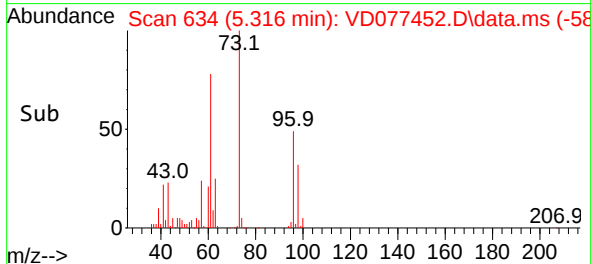
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



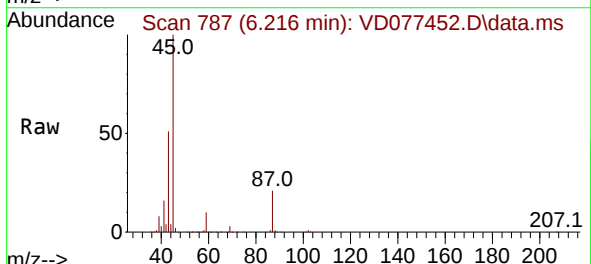
Tgt Ion: 96 Resp: 177870
Ion Ratio Lower Upper
96 100
61 160.4 89.3 133.9#
98 66.5 48.6 73.0

Manual Integrations
APPROVED

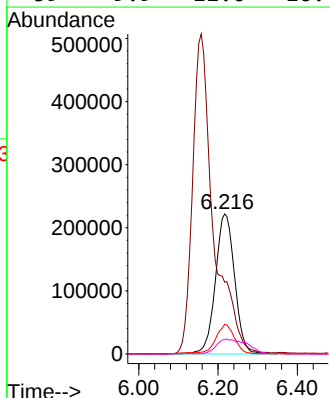
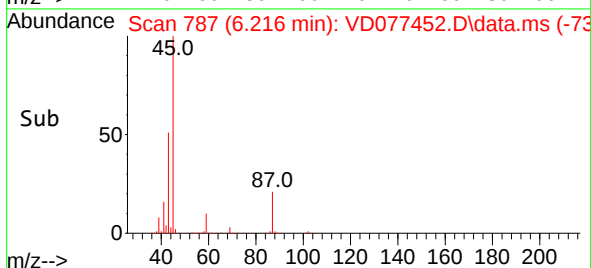
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

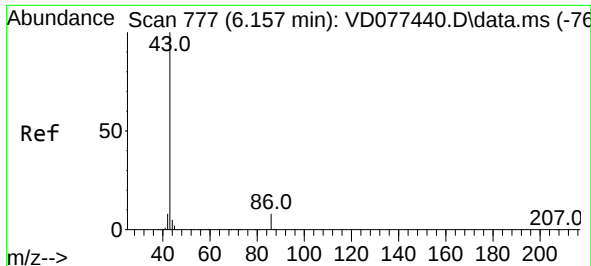


#22
Diisopropyl ether
Concen: 48.538 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08



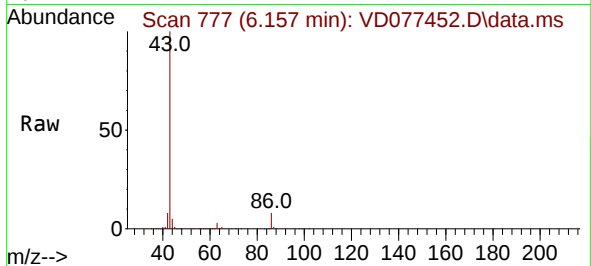
Tgt Ion: 45 Resp: 746318
Ion Ratio Lower Upper
45 100
43 50.2 40.0 60.0
87 20.9 28.2 42.4#
59 9.9 11.0 16.4#





#23
 Vinyl Acetate
 Concen: 235.228 ug/l m
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077452.D
 Acq: 31 Oct 2023 10:08

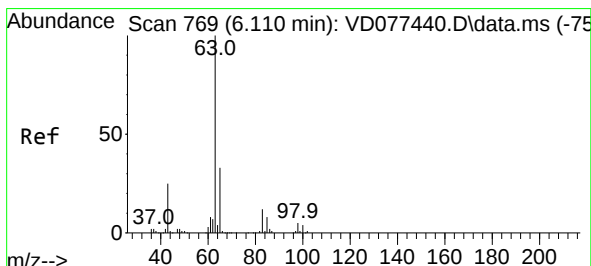
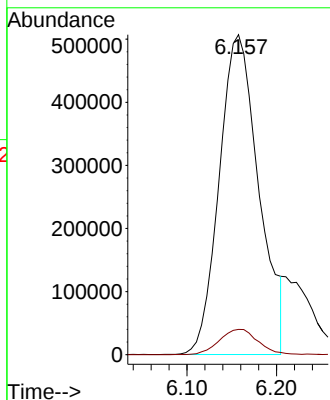
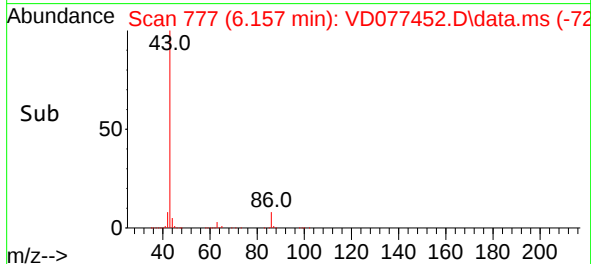
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



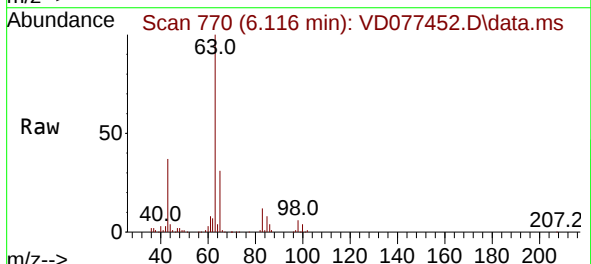
Tgt Ion: 43 Resp: 1560360
 Ion Ratio Lower Upper
 43 100
 86 7.9 12.5 18.7

Manual Integrations
 APPROVED

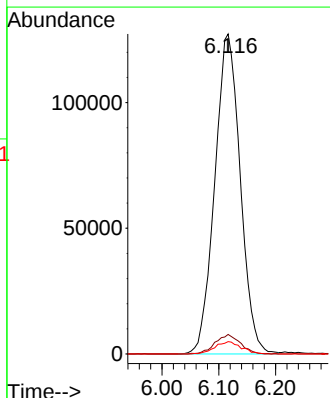
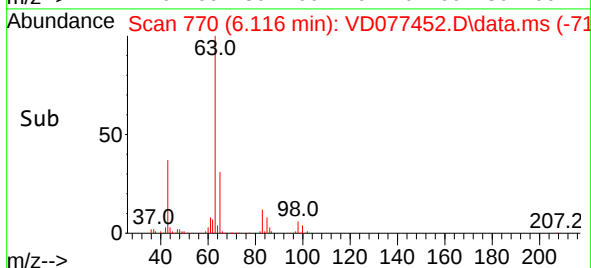
Reviewed By :John Carlone 11/01/2023
 Supervised By :Mahesh Dadoda 11/01/2023



#24
 1,1-Dichloroethane
 Concen: 49.683 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077452.D
 Acq: 31 Oct 2023 10:08



Tgt Ion: 63 Resp: 396385
 Ion Ratio Lower Upper
 63 100
 98 6.1 4.5 13.7
 100 3.9 2.5 7.5





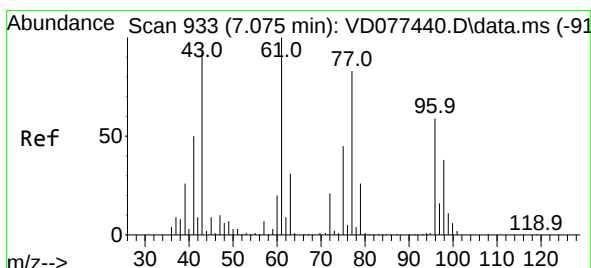
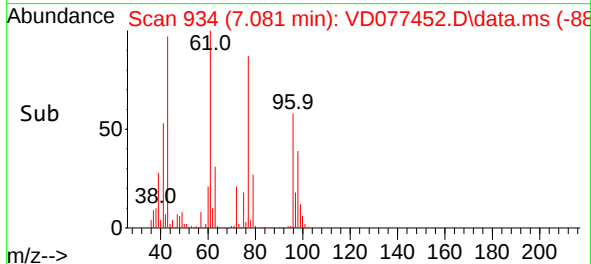
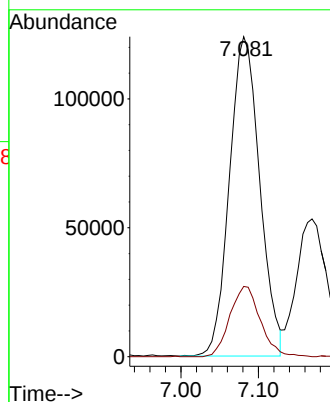
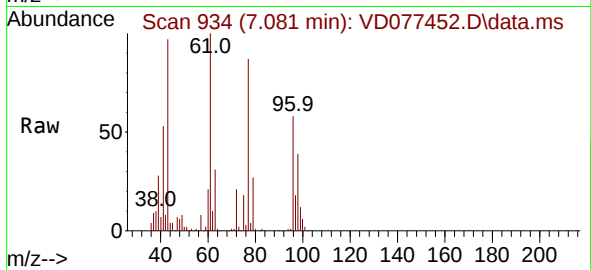
#25
2-Butanone
Concen: 225.051 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 337128
Ion Ratio Lower Upper
43 100
72 22.0 30.7 46.1

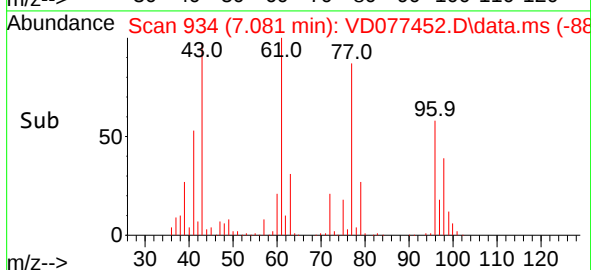
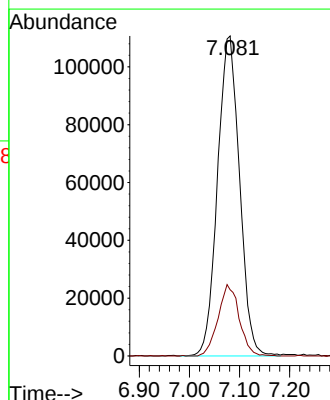
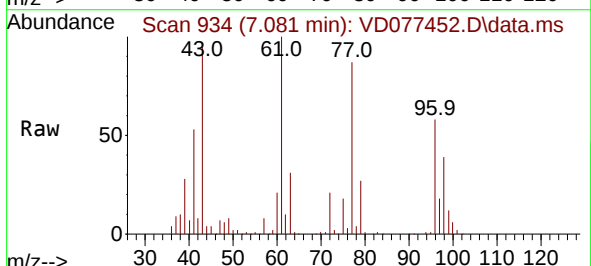
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#26
2,2-Dichloropropane
Concen: 47.801 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

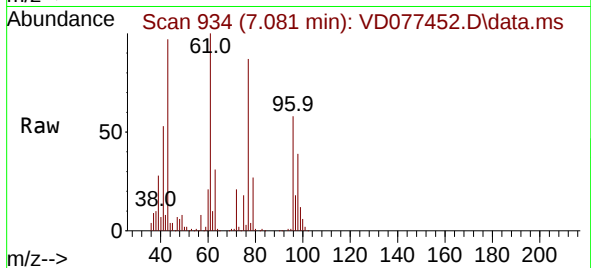
Tgt Ion: 77 Resp: 337970
Ion Ratio Lower Upper
77 100
97 21.4 13.2 39.6





#27
cis-1,2-Dichloroethene
Concen: 48.692 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

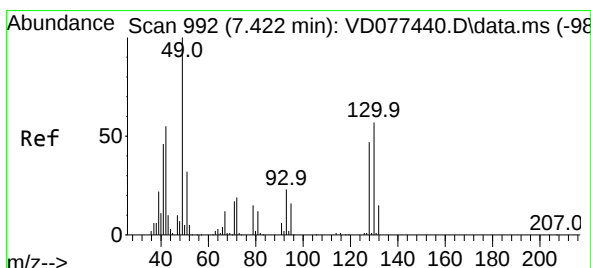
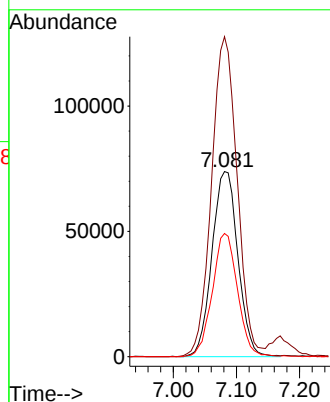
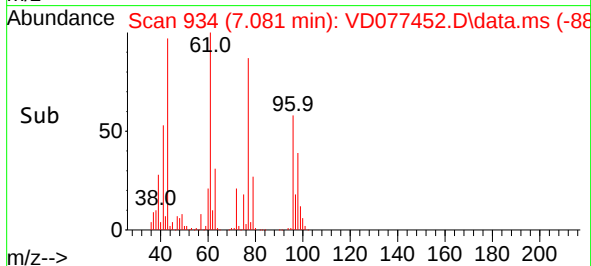
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 210680
Ion Ratio Lower Upper
96 100
61 171.0 0.0 239.2
98 64.6 0.0 128.6

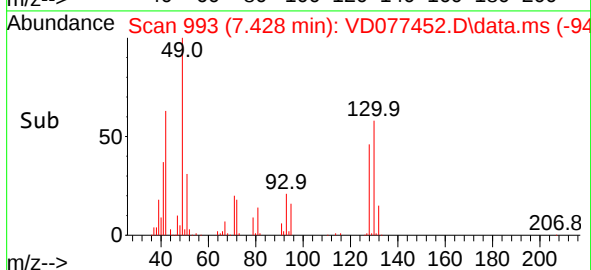
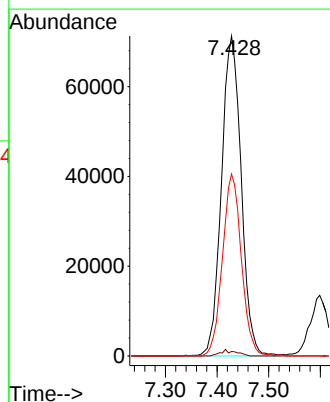
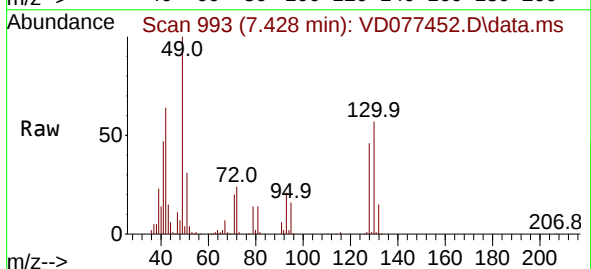
Manual Integrations
APPROVED

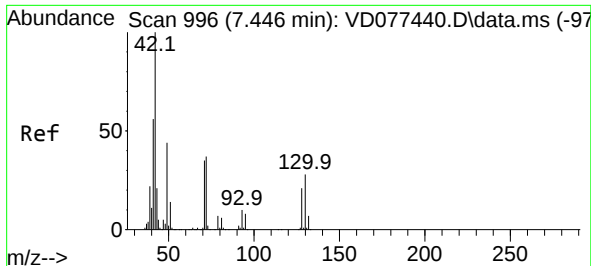
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#28
Bromochloromethane
Concen: 52.077 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Tgt Ion: 49 Resp: 188691
Ion Ratio Lower Upper
49 100
129 1.5 0.0 6.0
130 54.5 83.2 124.8#





#29

Tetrahydrofuran

Concen: 231.987 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD077452.D

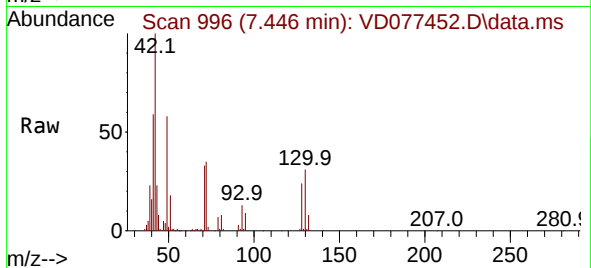
Acq: 31 Oct 2023 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



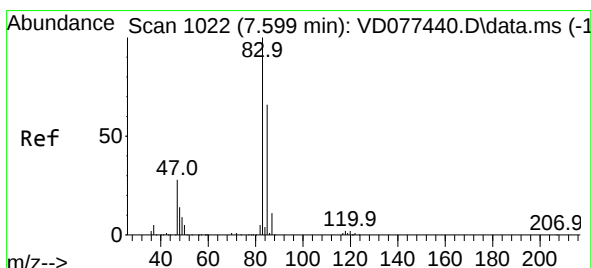
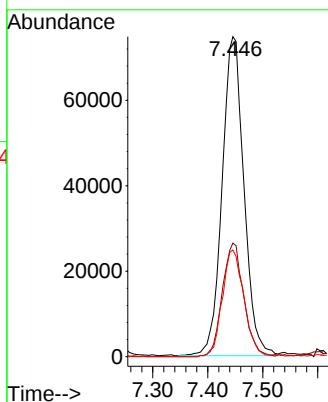
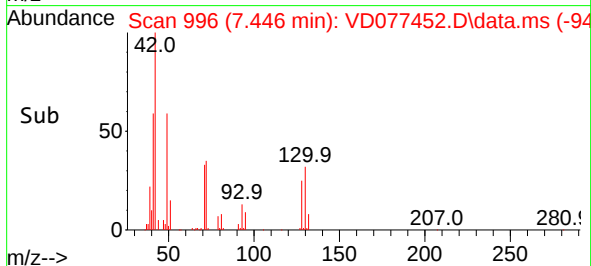
Tgt Ion:	42	Resp:	206109
Ion Ratio	Lower	Upper	
42	100		
72	34.9	46.5	69.7
71	33.0	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#30

Chloroform

Concen: 47.659 ug/l

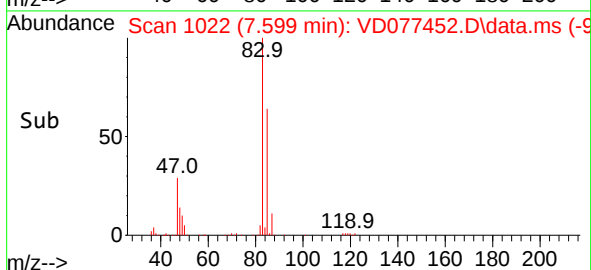
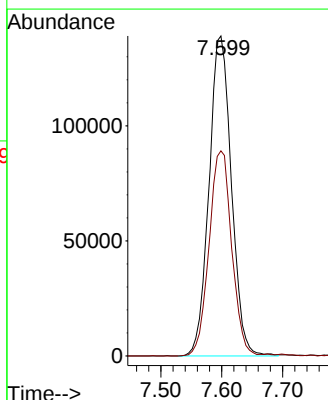
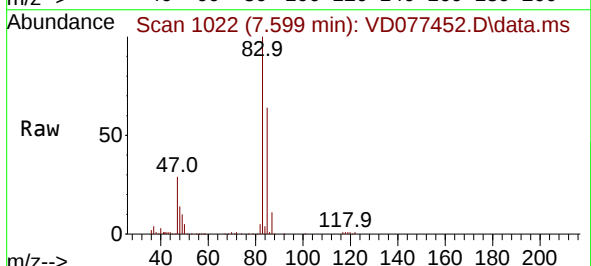
RT: 7.599 min Scan# 1022

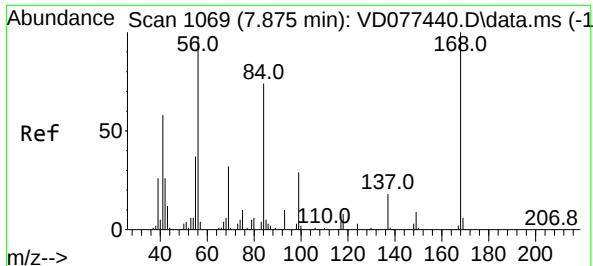
Delta R.T. 0.000 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

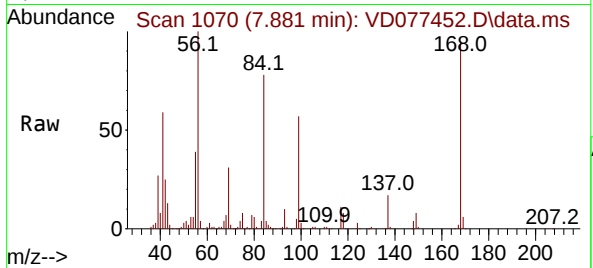
Tgt Ion:	83	Resp:	355030
Ion Ratio	Lower	Upper	
83	100		
85	64.1	53.4	80.2





#31
Cyclohexane
Concen: 51.827 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

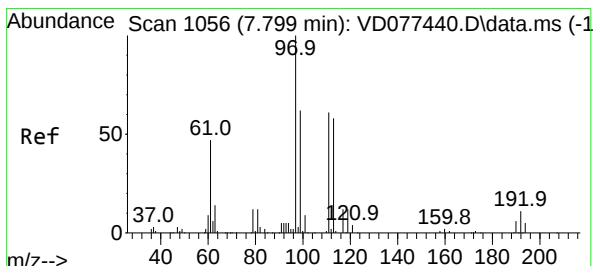
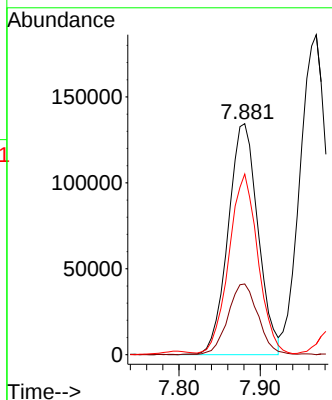
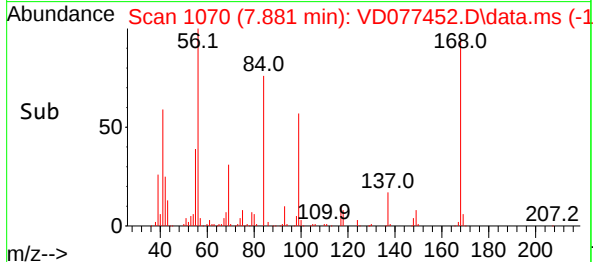
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



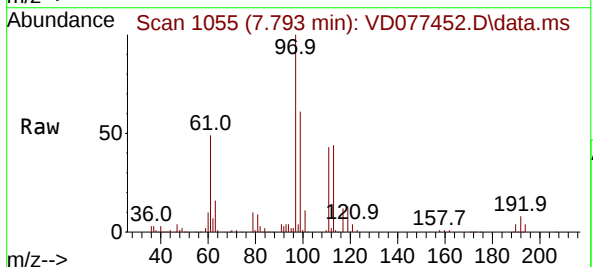
Tgt Ion: 56 Resp: 34386
Ion Ratio Lower Upper
56 100
69 30.6 28.6 43.0
84 76.5 84.8 127.2

Manual Integrations
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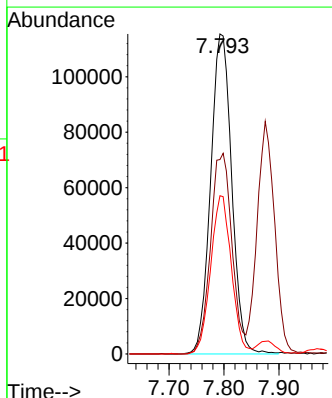
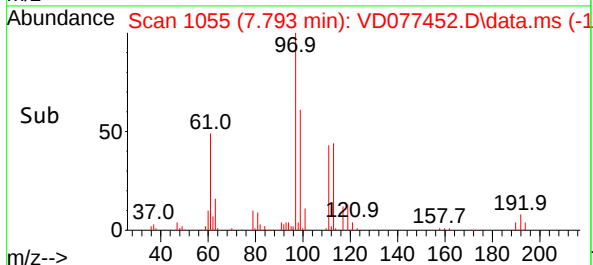
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

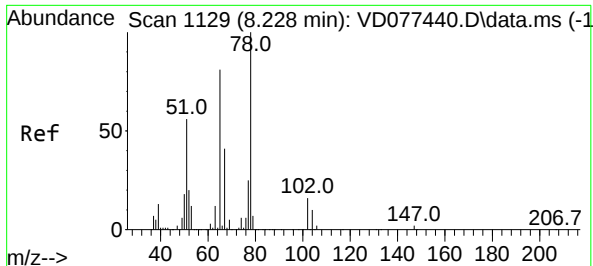


#32
1,1,1-Trichloroethane
Concen: 50.183 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08



Tgt Ion: 97 Resp: 308003
Ion Ratio Lower Upper
97 100
99 63.8 52.0 78.0
61 48.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 48.433 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 205560

Ion Ratio Lower Upper

65 100

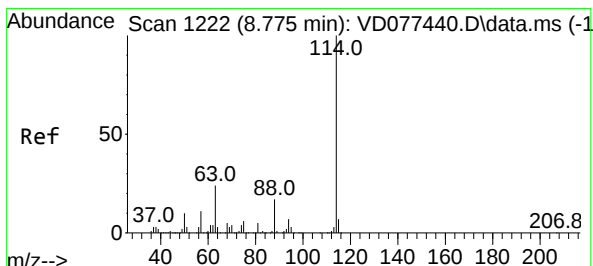
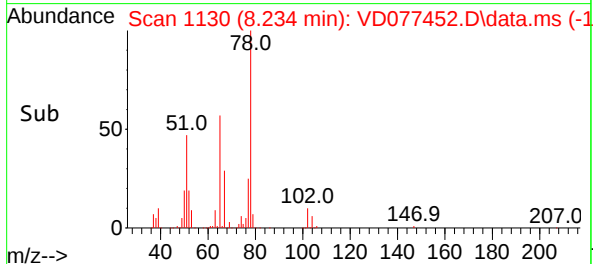
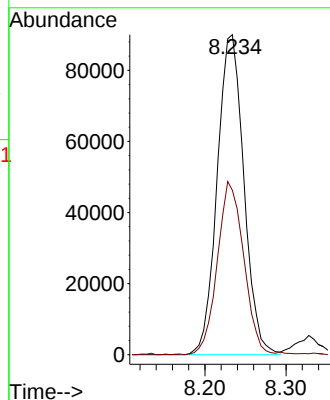
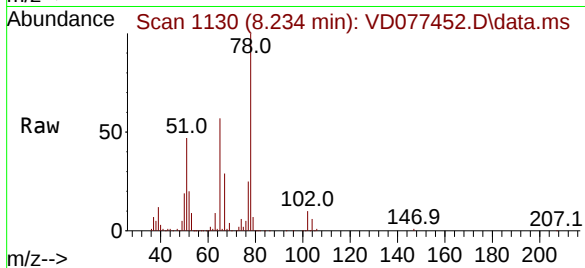
67 53.5 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

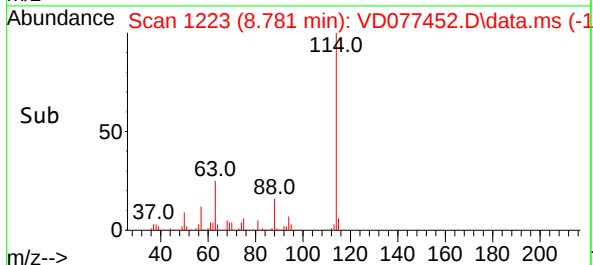
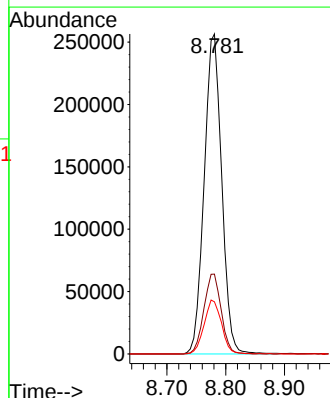
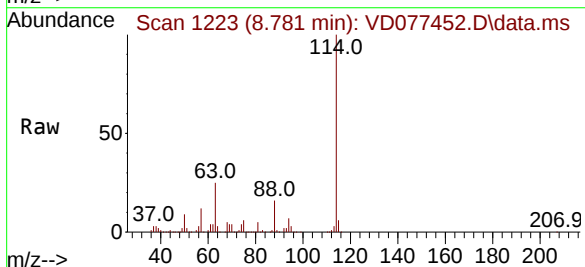
Tgt Ion:114 Resp: 531120

Ion Ratio Lower Upper

114 100

63 25.0 0.0 33.4

88 16.3 0.0 26.2





#35

Dibromofluoromethane

Concen: 50.146 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 18408

Ion Ratio Lower Upper

113 100

111 100.9 84.7 127.1

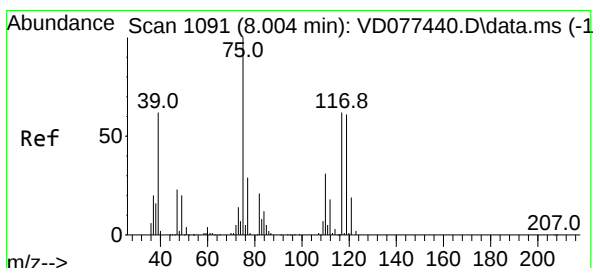
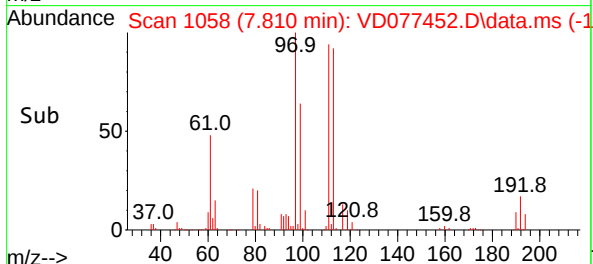
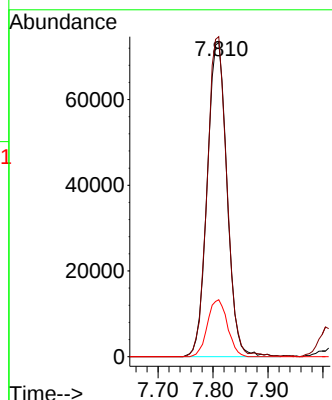
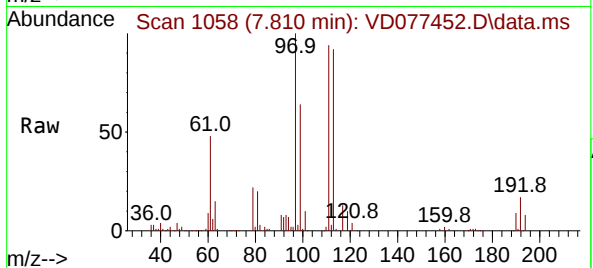
192 18.2 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#36

1,1-Dichloropropene

Concen: 52.169 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

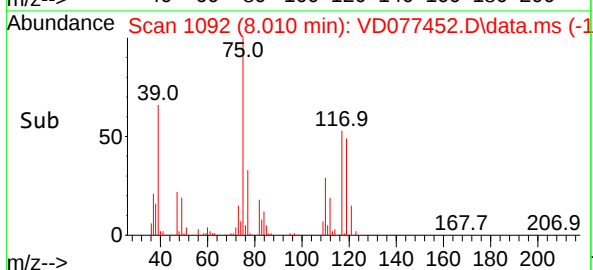
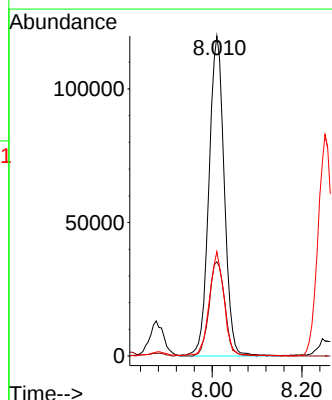
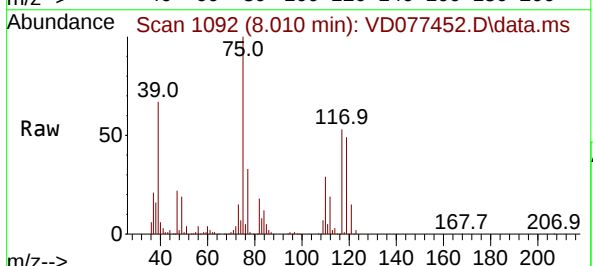
Tgt Ion: 75 Resp: 283939

Ion Ratio Lower Upper

75 100

110 30.1 19.9 59.6

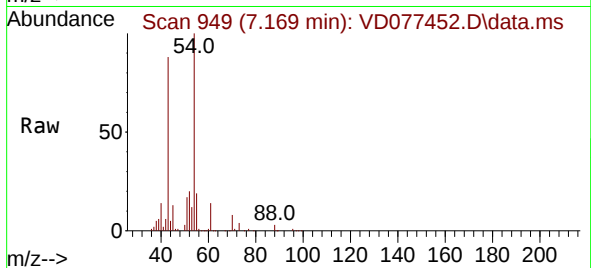
77 30.8 24.7 37.1





#37
Ethyl Acetate
Concen: 47.523 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

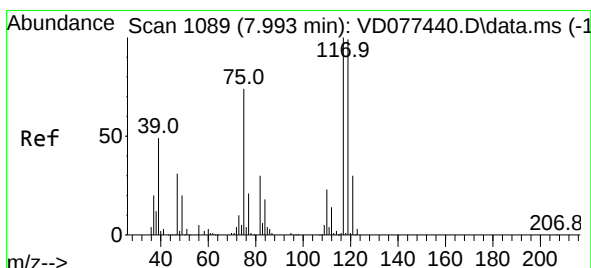
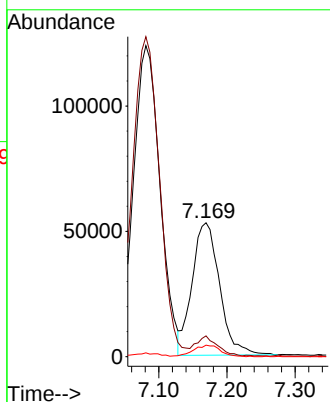
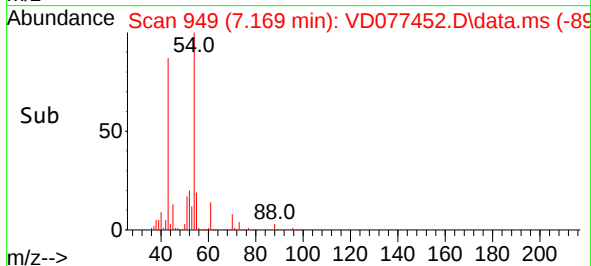
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 148438
Ion Ratio Lower Upper
43 100
61 11.3 14.9 22.3
70 8.6 10.0 15.0

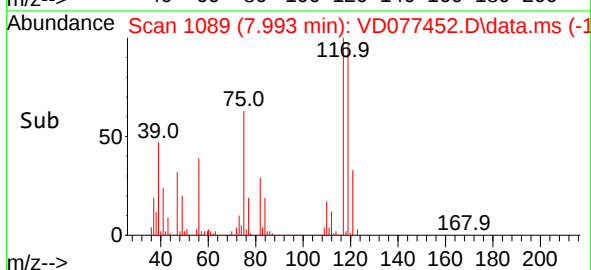
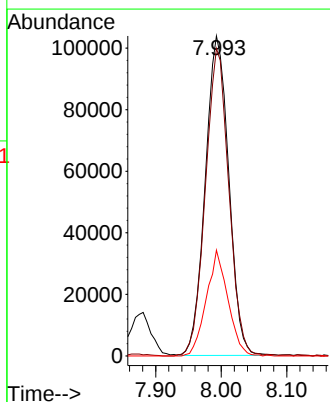
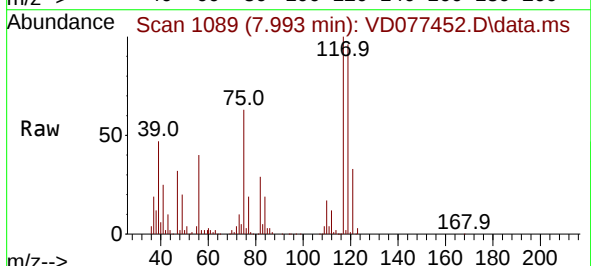
Manual Integrations
APPROVED

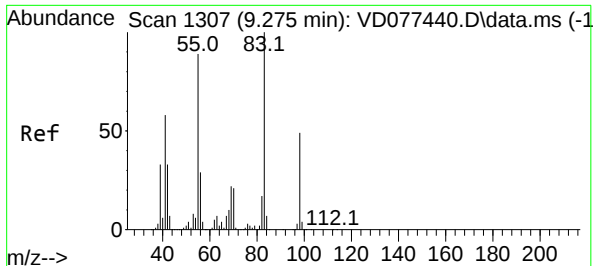
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#38
Carbon Tetrachloride
Concen: 50.400 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Tgt Ion:117 Resp: 258489
Ion Ratio Lower Upper
117 100
119 96.1 78.0 117.0
121 33.1 24.2 36.2





#39

Methylcyclohexane

Concen: 52.457 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

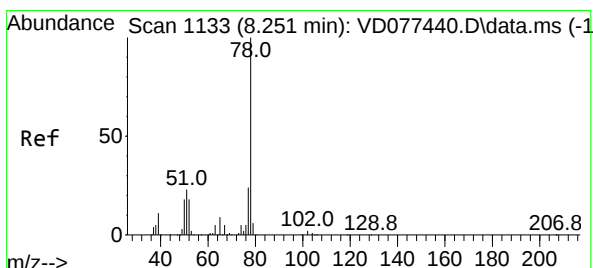
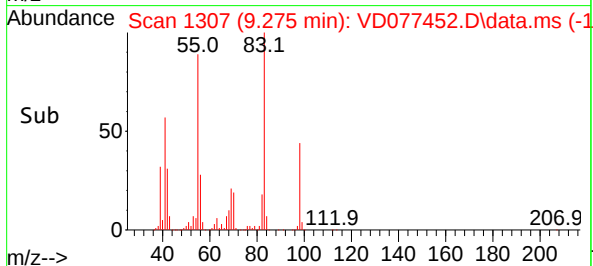
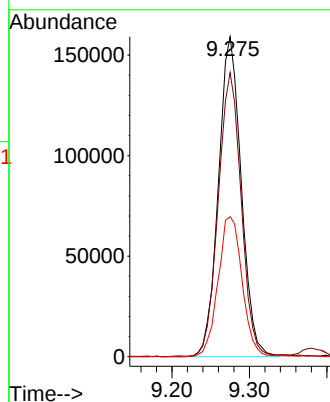
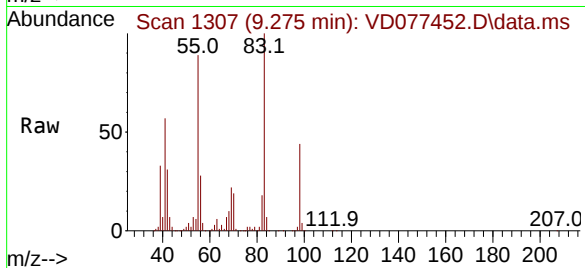
Tgt Ion: 83 Resp: 325760
 Ion Ratio Lower Upper
 83 100
 55 88.5 49.4 74.0
 98 43.8 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#40

Benzene

Concen: 49.964 ug/l

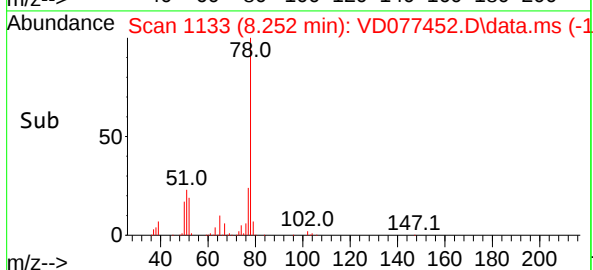
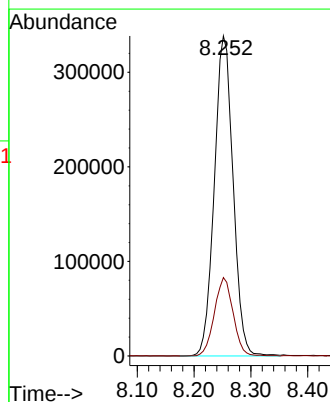
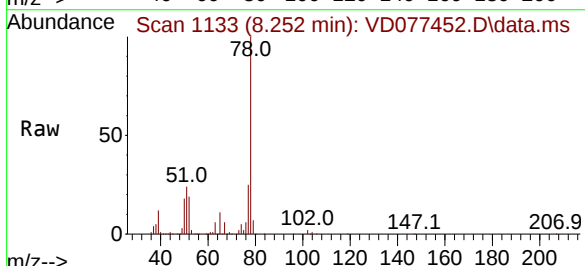
RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

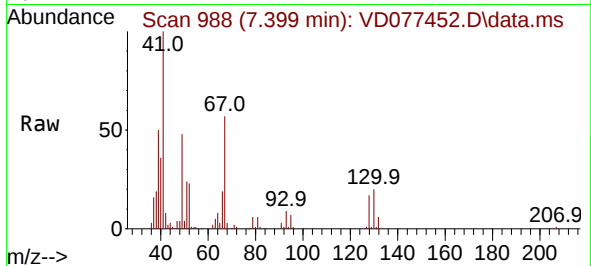
Tgt Ion: 78 Resp: 775441
 Ion Ratio Lower Upper
 78 100
 77 24.5 19.4 29.0





#41
Methacrylonitrile
Concen: 43.349 ug/l
RT: 7.399 min Scan# 988
Delta R.T. -0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

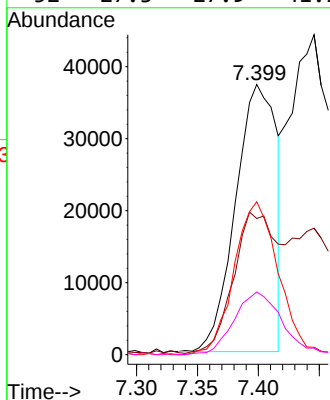
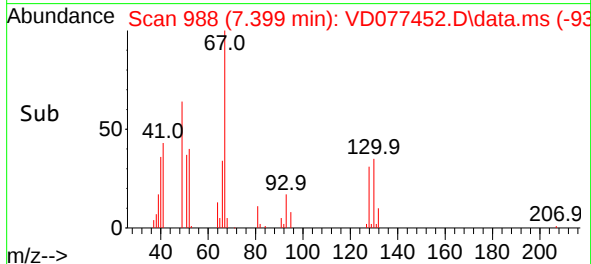
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 86638
Ion Ratio Lower Upper
41 100
39 59.8 34.0 51.0
67 62.0 77.0 115.4
52 27.3 27.9 41.9

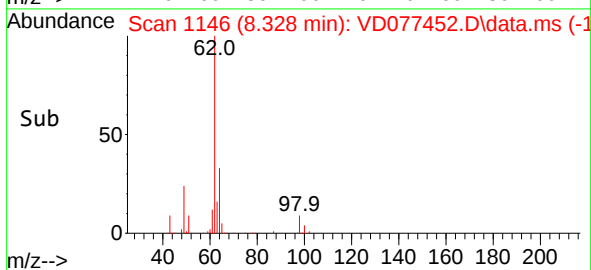
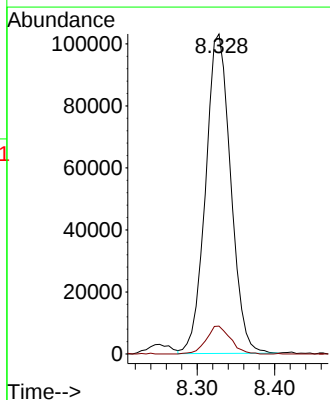
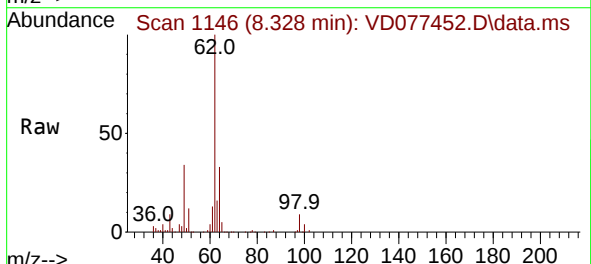
Manual Integrations
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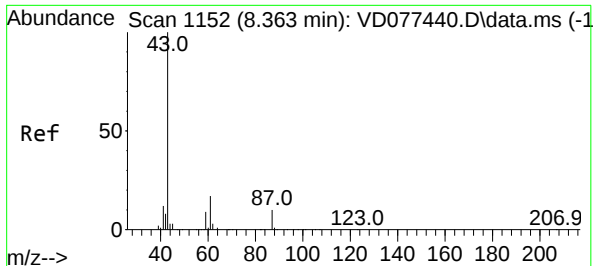
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#42
1,2-Dichloroethane
Concen: 47.237 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

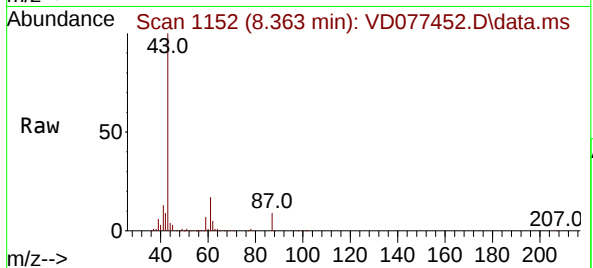
Tgt Ion: 62 Resp: 232198
Ion Ratio Lower Upper
62 100
98 8.4 0.0 25.4





#43
Isopropyl Acetate
Concen: 45.785 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

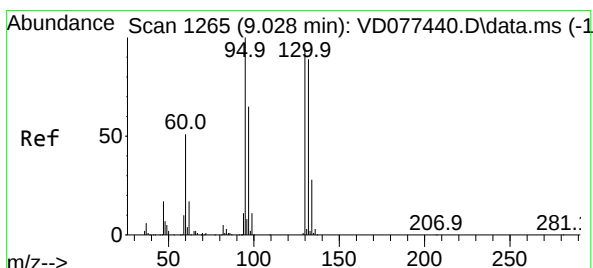
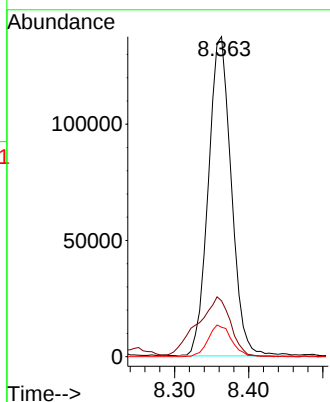
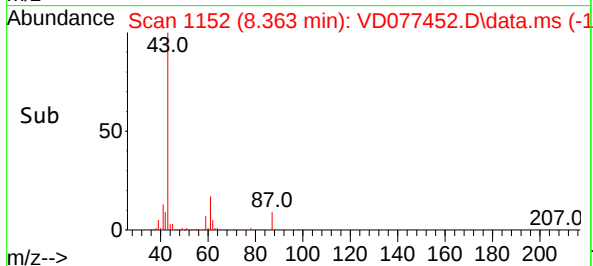
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



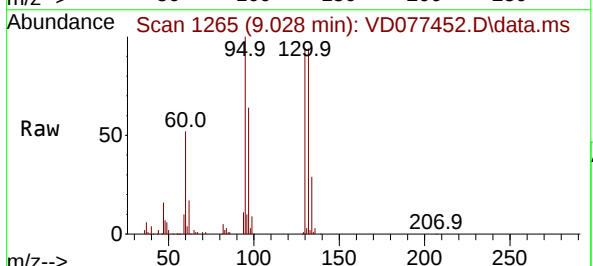
Tgt Ion: 43 Resp: 295118
Ion Ratio Lower Upper
43 100
61 27.2 31.4 47.0
87 10.2 14.9 22.3

Manual Integrations
APPROVED

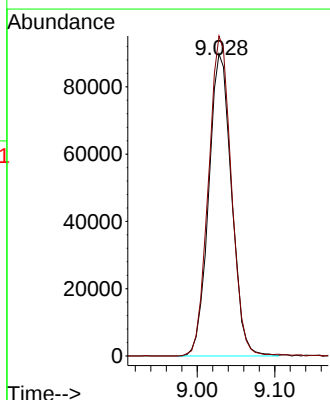
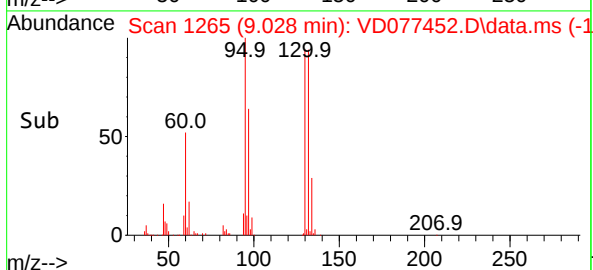
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

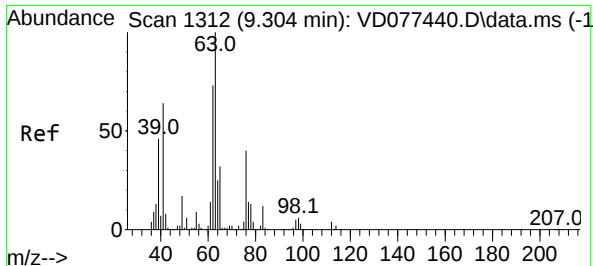


#44
Trichloroethene
Concen: 48.401 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08



Tgt Ion:130 Resp: 184003
Ion Ratio Lower Upper
130 100
95 106.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 48.253 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 220474

Ion Ratio Lower Upper

63 100

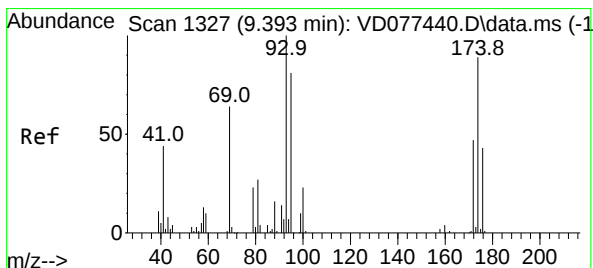
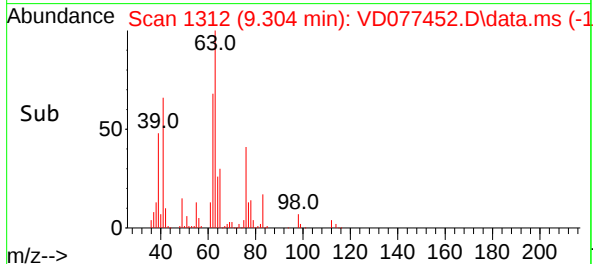
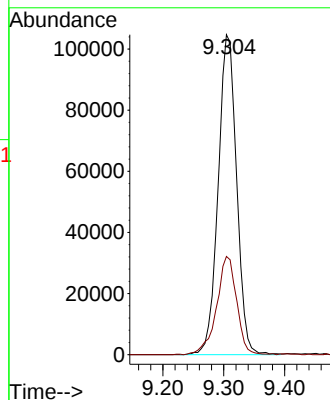
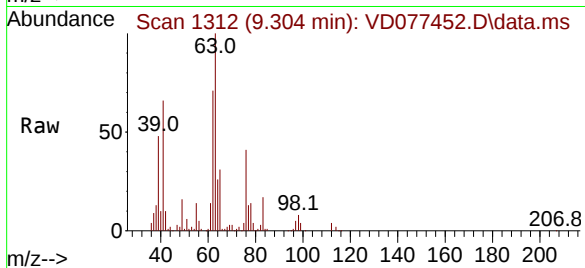
65 30.5 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#46

Dibromomethane

Concen: 45.614 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

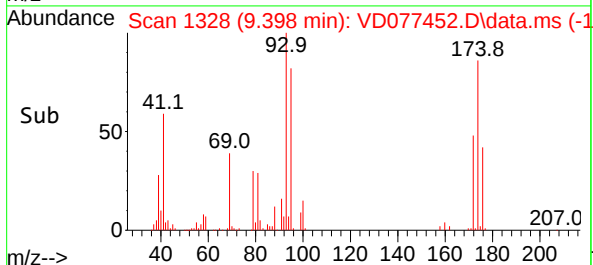
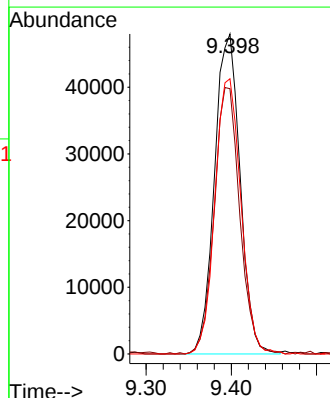
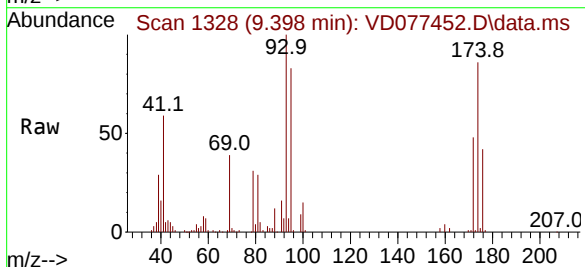
Tgt Ion: 93 Resp: 100300

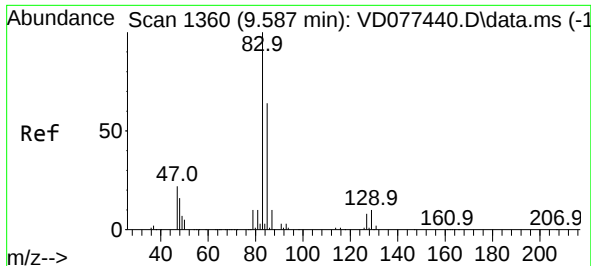
Ion Ratio Lower Upper

93 100

95 82.9 67.7 101.5

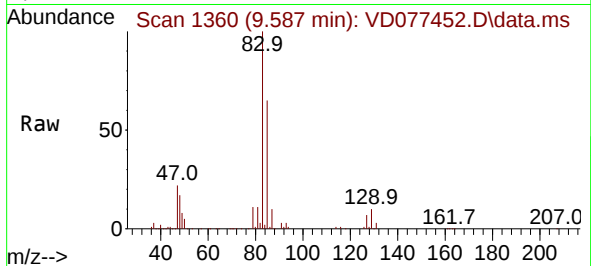
174 87.4 85.4 128.2





#47
Bromodichloromethane
Concen: 47.182 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

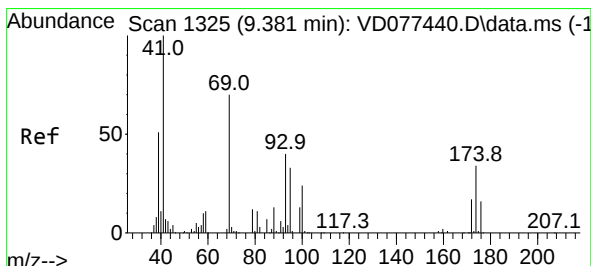
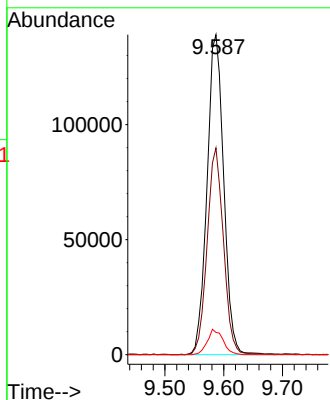
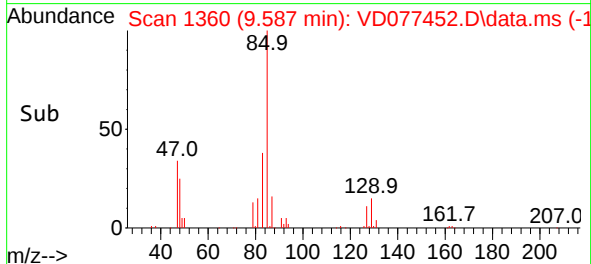
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 27422
Ion Ratio Lower Upper
83 100
85 64.6 50.2 75.4
127 6.9 6.3 9.5

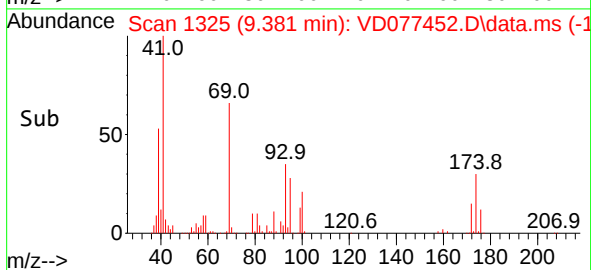
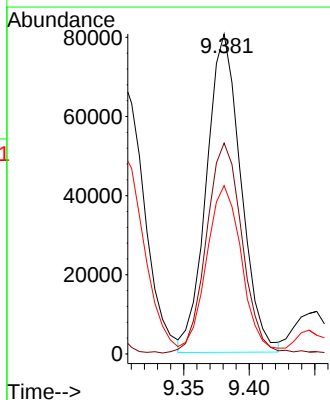
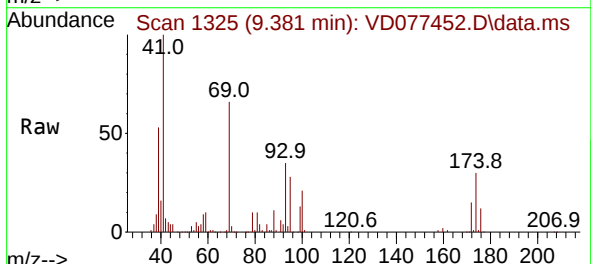
Manual Integrations
APPROVED

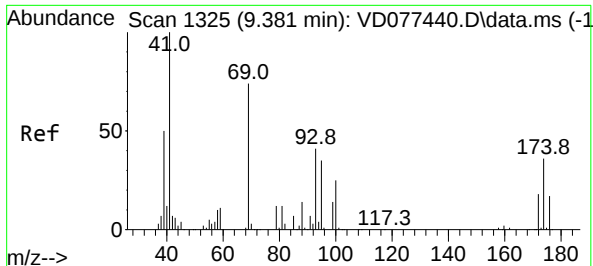
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#48
Methyl methacrylate
Concen: 47.747 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Tgt Ion: 41 Resp: 146910
Ion Ratio Lower Upper
41 100
69 68.7 102.2 153.2#
39 50.5 41.4 62.2





#49

1,4-Dioxane

Concen: 891.032 ug/l

RT: 9.387 min Scan# 1325

Delta R.T. 0.006 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 2105

Ion Ratio Lower Upper

88 100

43 39.1 19.0 28.6

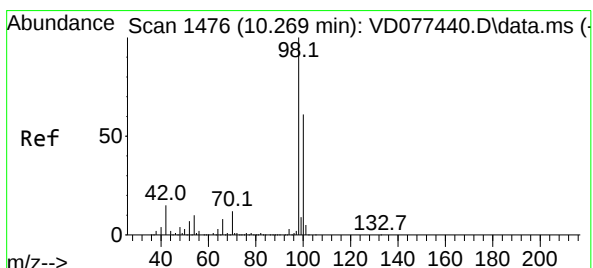
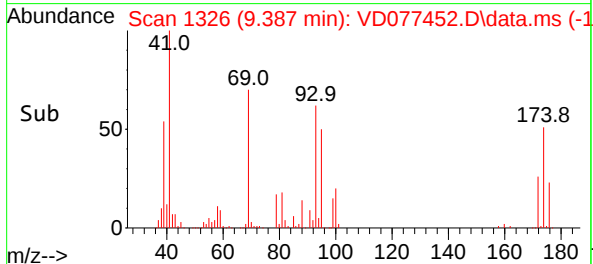
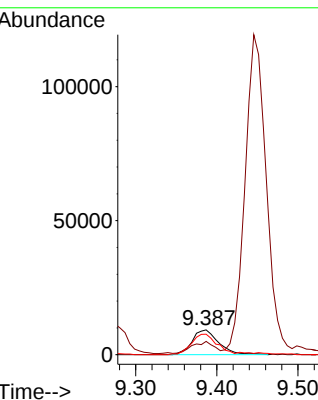
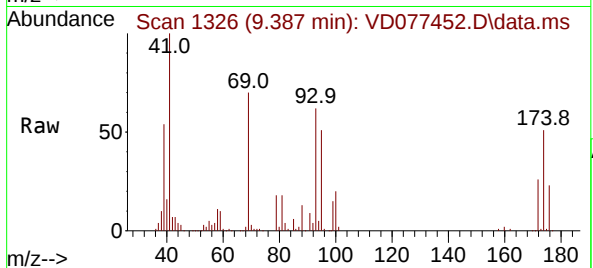
58 84.2 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#50

Toluene-d8

Concen: 50.984 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077452.D

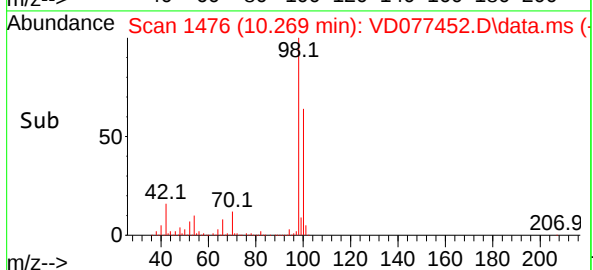
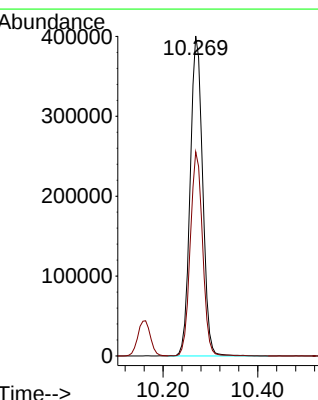
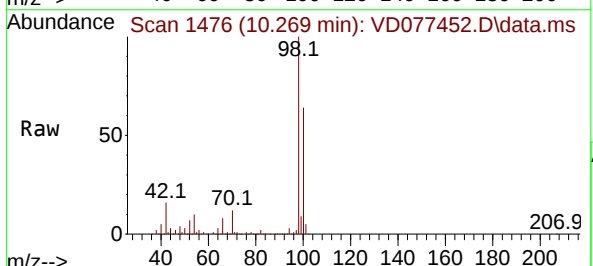
Acq: 31 Oct 2023 10:08

Tgt Ion: 98 Resp: 726970

Ion Ratio Lower Upper

98 100

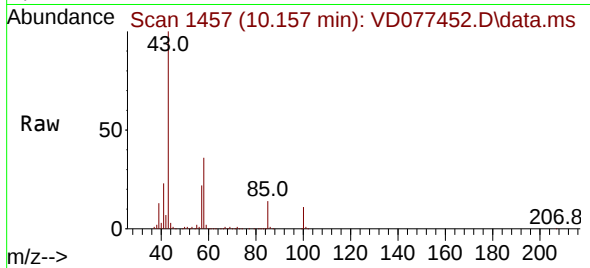
100 63.0 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 229.096 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

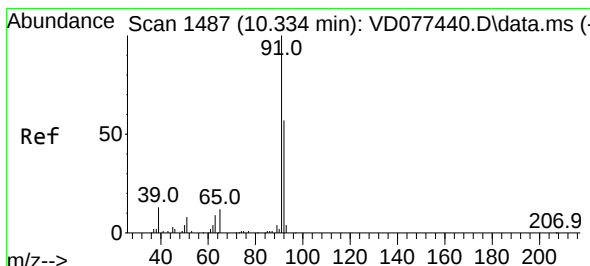
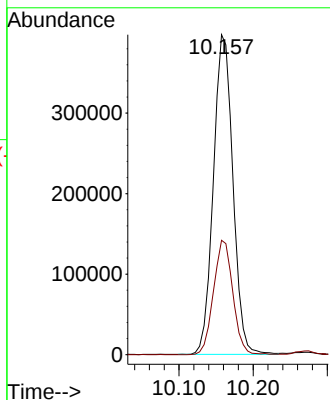
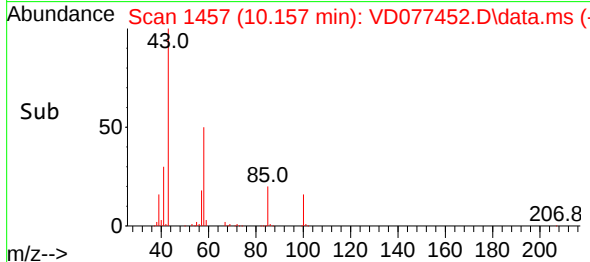
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



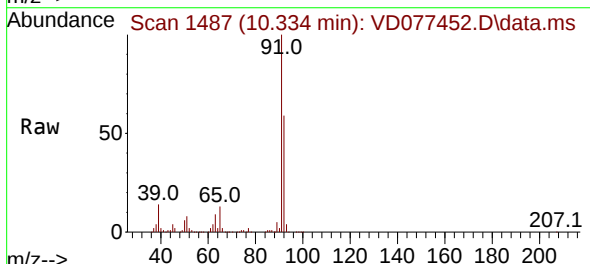
Tgt Ion: 43 Resp: 726849
Ion Ratio Lower Upper
43 100
58 35.5 38.9 58.3

Manual Integrations
APPROVED

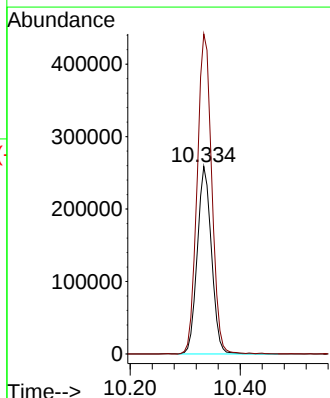
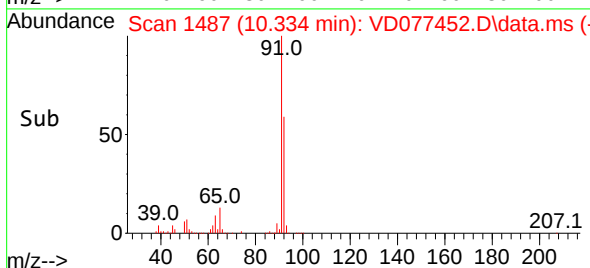
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

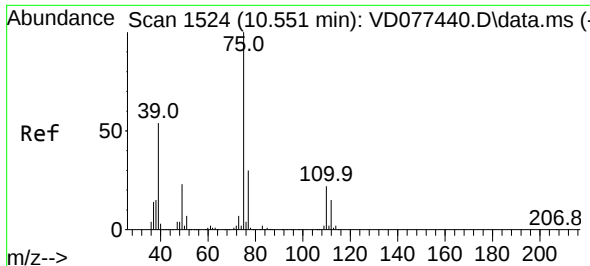


#52
Toluene
Concen: 49.060 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08



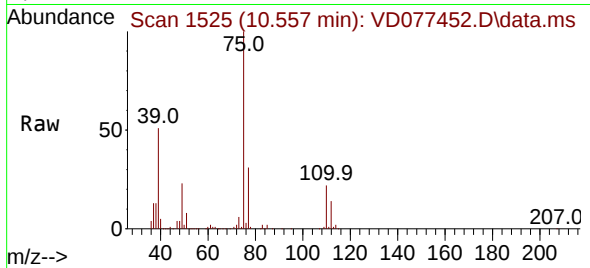
Tgt Ion: 92 Resp: 464176
Ion Ratio Lower Upper
92 100
91 175.2 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 46.544 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

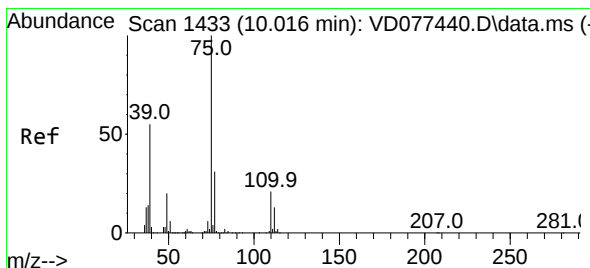
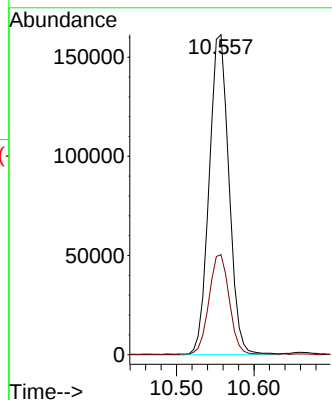
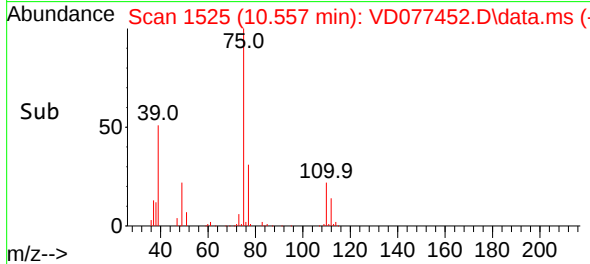
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



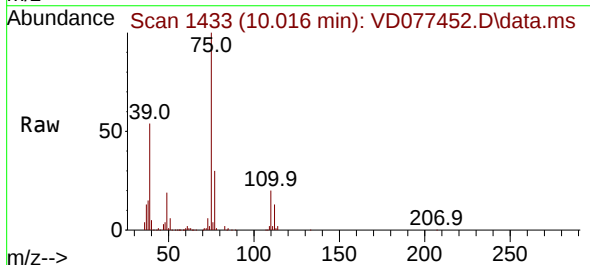
Tgt Ion: 75 Resp: 286439
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9

Manual Integrations
APPROVED

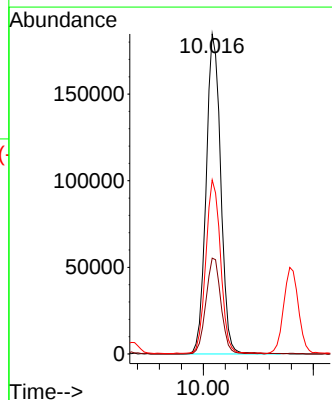
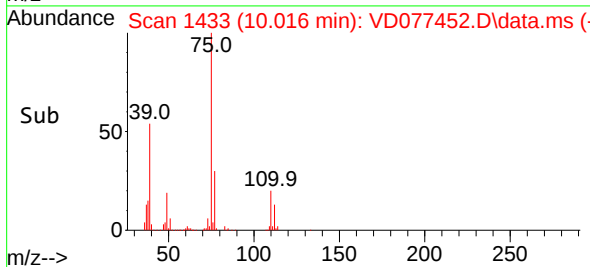
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

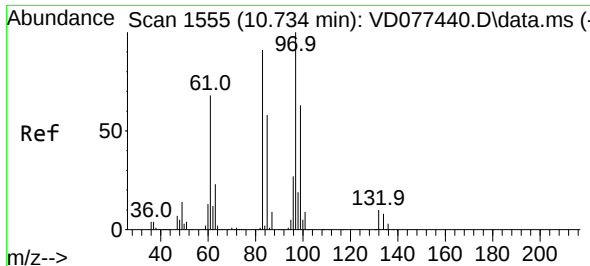


#54
cis-1,3-Dichloropropene
Concen: 48.008 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08



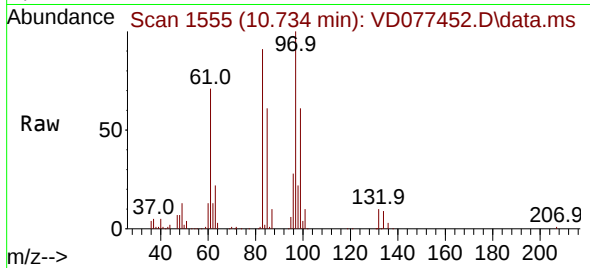
Tgt Ion: 75 Resp: 339998
Ion Ratio Lower Upper
75 100
77 29.9 25.5 38.3
39 54.2 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 45.606 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

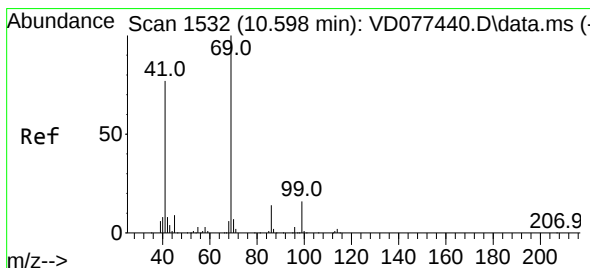
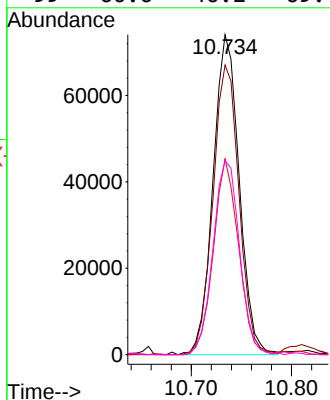
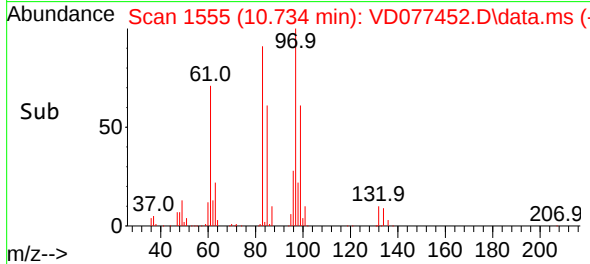
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



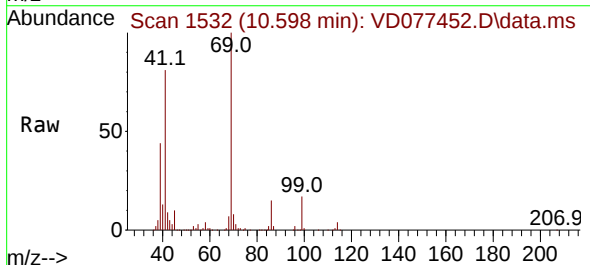
Tgt Ion: 97 Resp: 133792
Ion Ratio Lower Upper
97 100
83 90.5 65.8 98.6
85 61.2 45.7 68.5
99 60.6 46.2 69.4

Manual Integrations
APPROVED

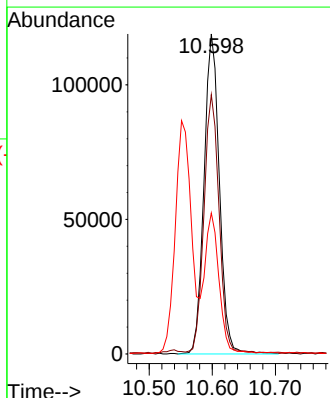
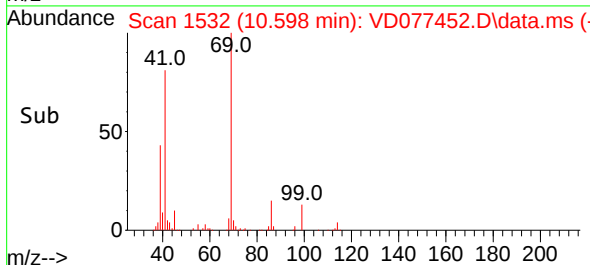
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

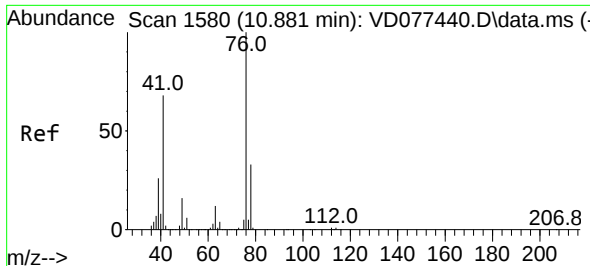


#56
Ethyl methacrylate
Concen: 46.250 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08



Tgt Ion: 69 Resp: 201734
Ion Ratio Lower Upper
69 100
41 78.7 39.1 58.7#
39 39.1 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 46.766 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077452.D

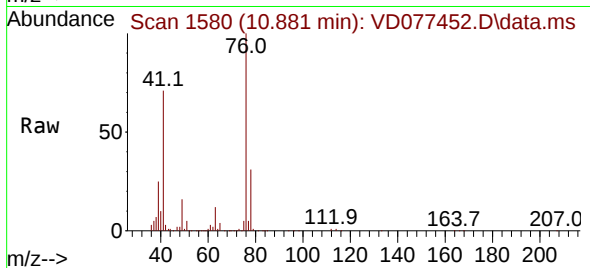
Acq: 31 Oct 2023 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



Tgt Ion: 76 Resp: 25643

Ion Ratio Lower Upper

76 100

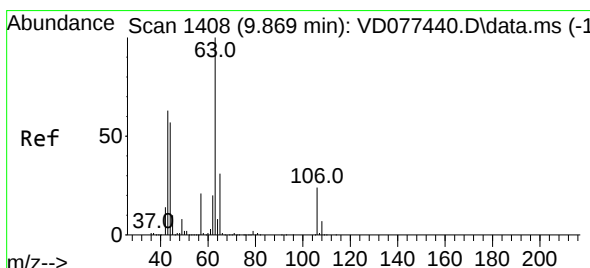
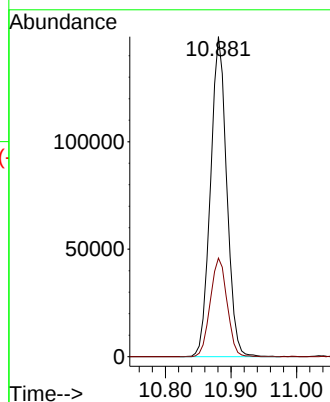
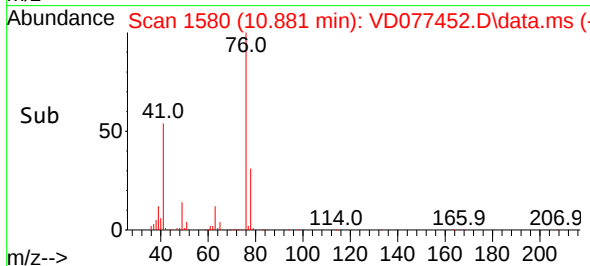
78 31.8 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#58

2-Chloroethyl Vinyl ether

Concen: 255.308 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077452.D

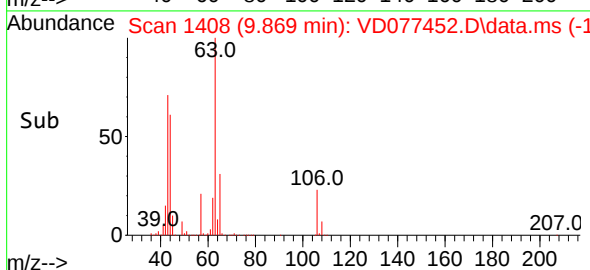
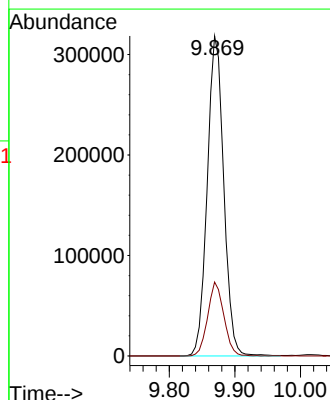
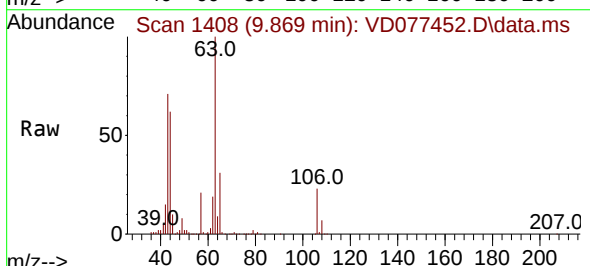
Acq: 31 Oct 2023 10:08

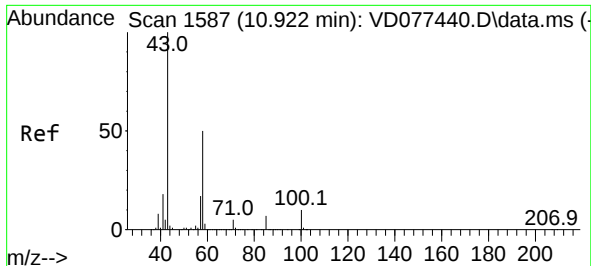
Tgt Ion: 63 Resp: 557510

Ion Ratio Lower Upper

63 100

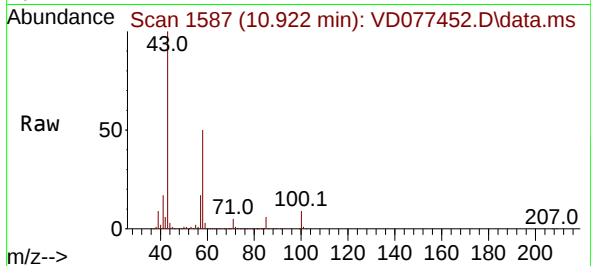
106 22.6 25.3 37.9





#59
2-Hexanone
Concen: 221.732 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

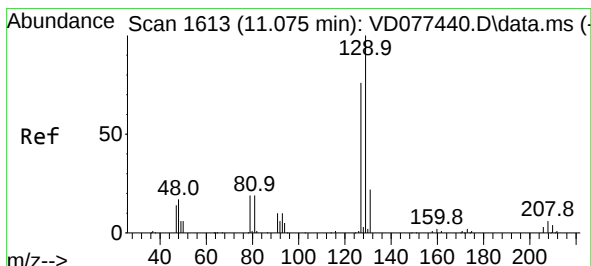
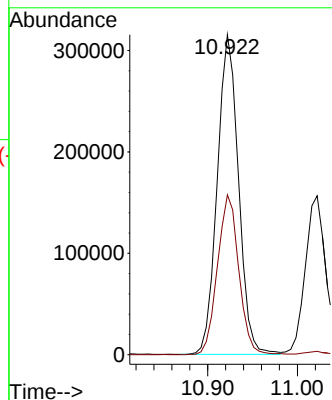
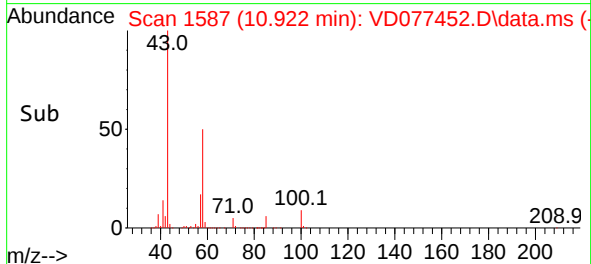
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 518234
Ion Ratio Lower Upper
43 100
58 50.3 34.1 102.2

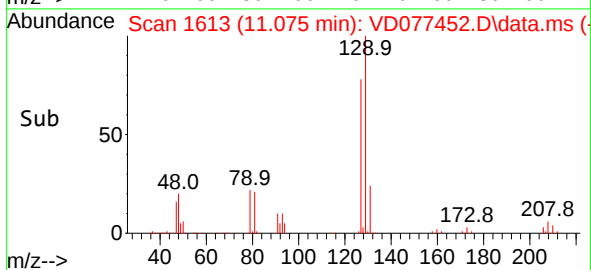
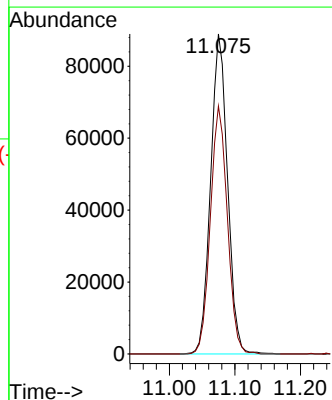
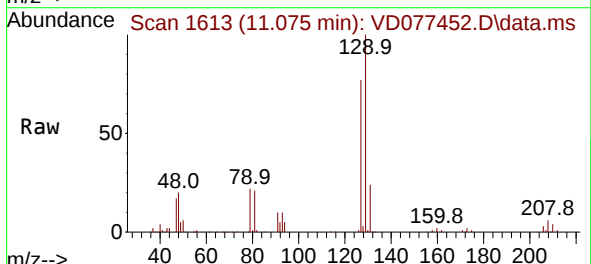
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#60
Dibromochloromethane
Concen: 45.220 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

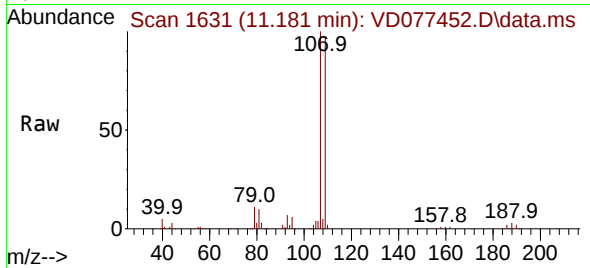
Tgt Ion:129 Resp: 159518
Ion Ratio Lower Upper
129 100
127 77.8 37.1 111.5





#61
1,2-Dibromoethane
Concen: 45.269 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

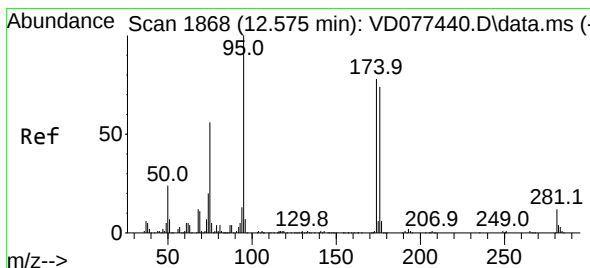
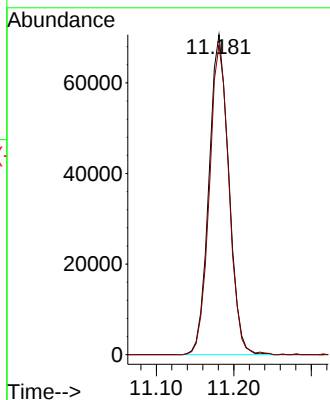
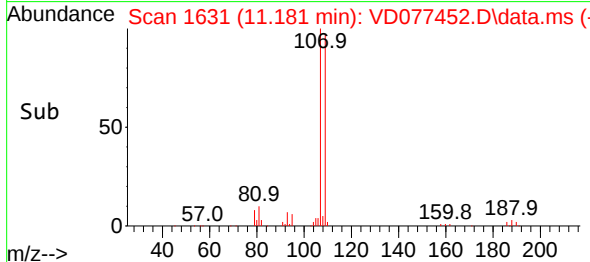
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



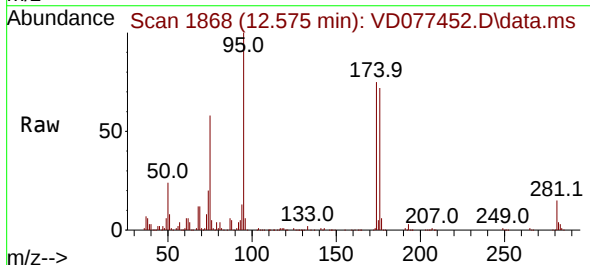
Tgt Ion:107 Resp: 12576
Ion Ratio Lower Upper
107 100
109 95.8 75.6 113.4

Manual Integrations
APPROVED

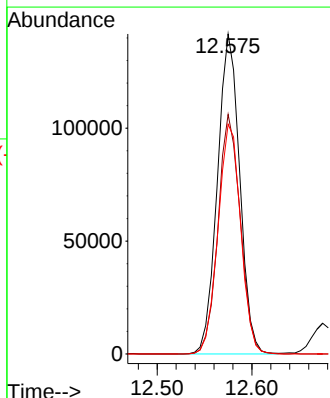
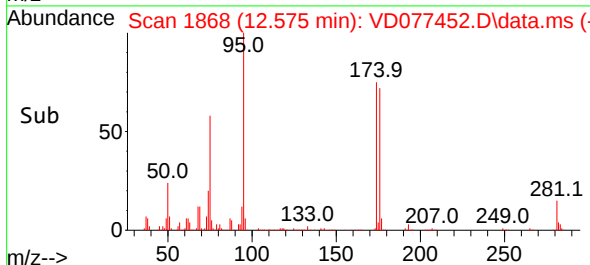
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

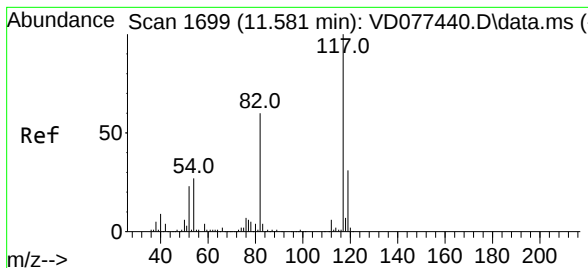


#62
4-Bromofluorobenzene
Concen: 48.294 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08



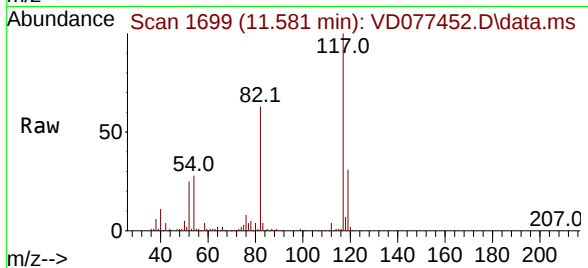
Tgt Ion: 95 Resp: 231930
Ion Ratio Lower Upper
95 100
174 74.7 0.0 201.8
176 73.0 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

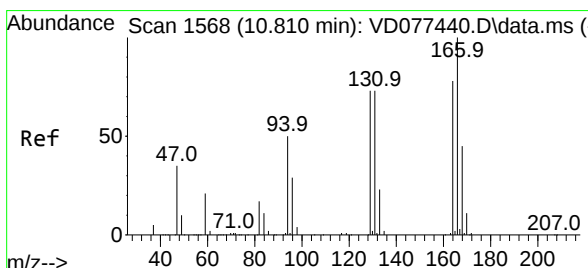
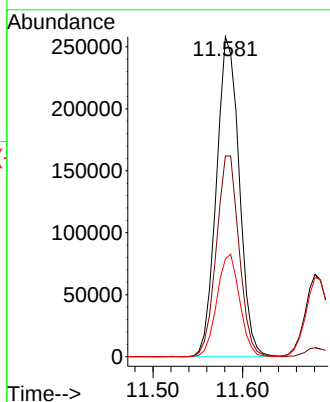
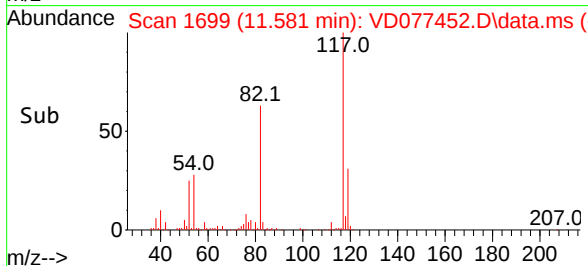
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



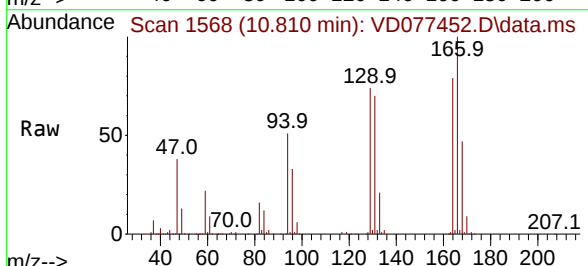
Tgt Ion:117 Resp: 45470
Ion Ratio Lower Upper
117 100
82 62.7 38.3 57.5
119 30.5 25.0 37.4

Manual Integrations
APPROVED

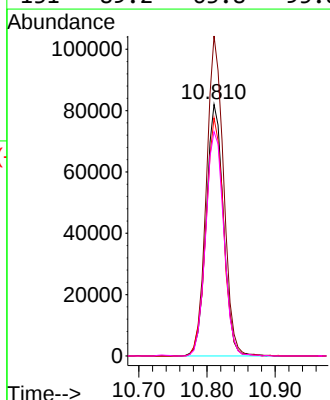
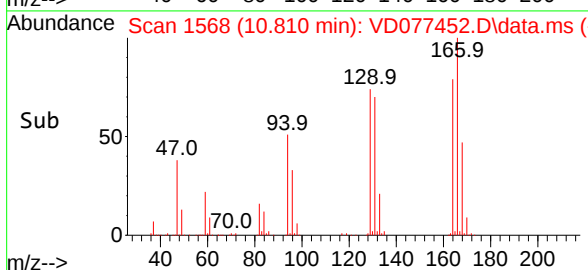
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

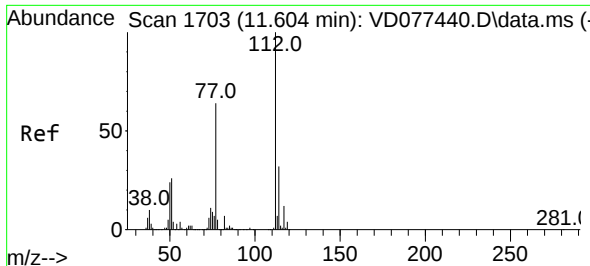


#64
Tetrachloroethene
Concen: 49.826 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08



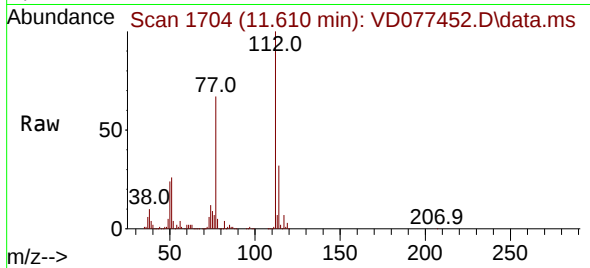
Tgt Ion:164 Resp: 144243
Ion Ratio Lower Upper
164 100
166 127.2 99.2 148.8
129 94.6 68.4 102.6
131 89.2 63.8 95.8





#65
Chlorobenzene
Concen: 48.545 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

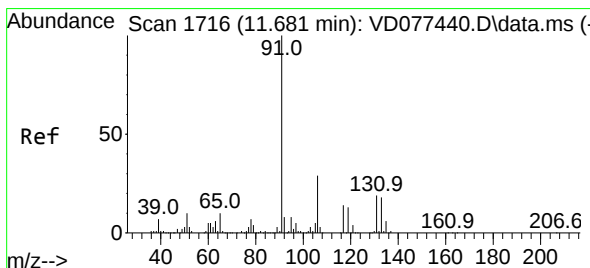
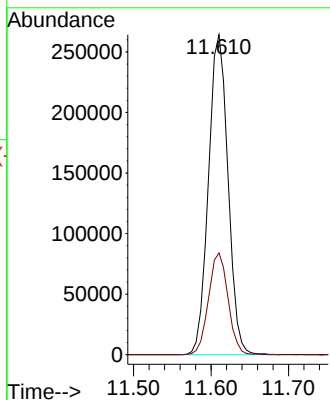
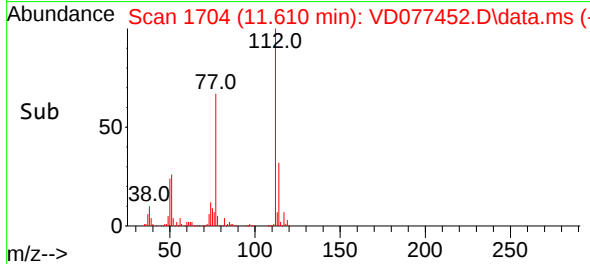
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



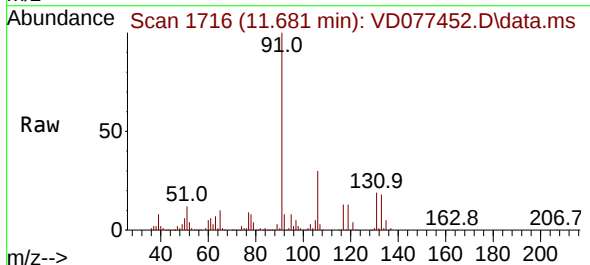
Tgt Ion:112 Resp: 462430
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7

Manual Integrations
APPROVED

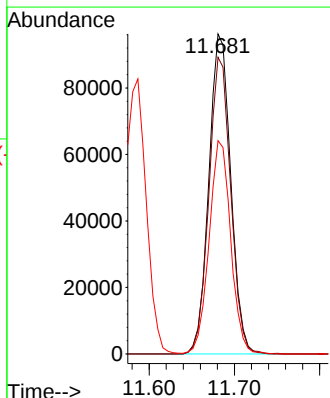
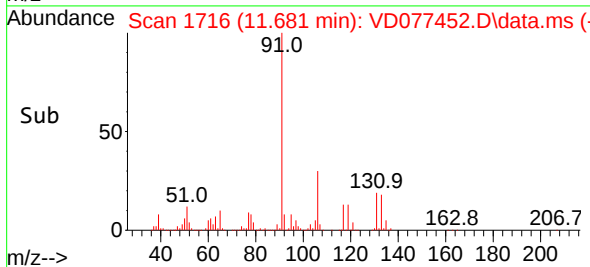
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

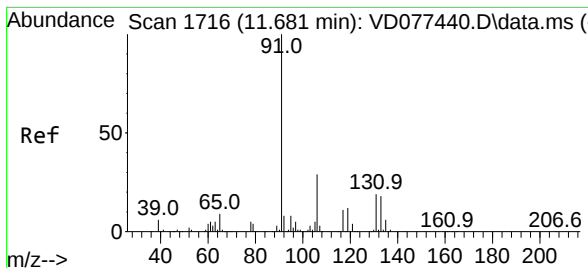


#66
1,1,1,2-Tetrachloroethane
Concen: 47.553 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08



Tgt Ion:131 Resp: 171181
Ion Ratio Lower Upper
131 100
133 92.7 48.5 145.5
119 66.0 35.6 106.9





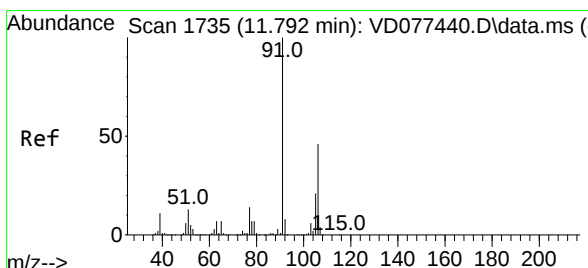
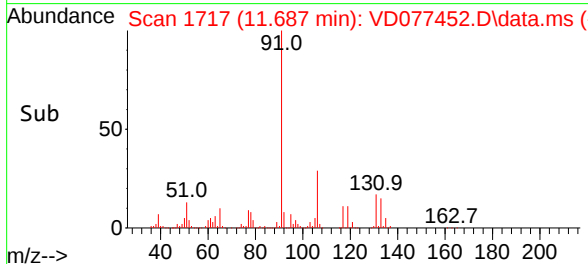
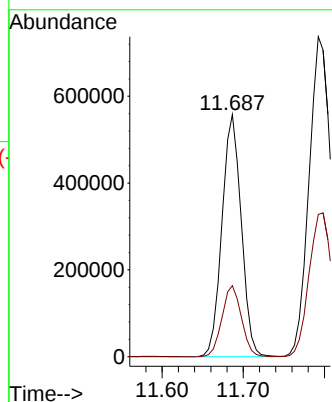
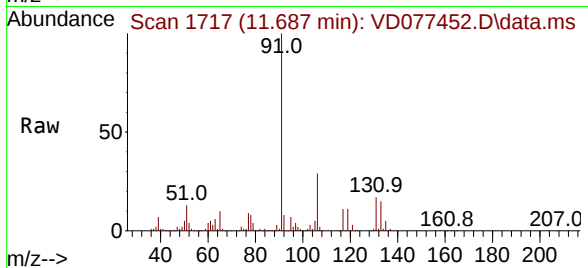
#67
Ethyl Benzene
Concen: 50.263 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 921264
Ion Ratio Lower Upper
91 100
106 29.3 26.5 39.7

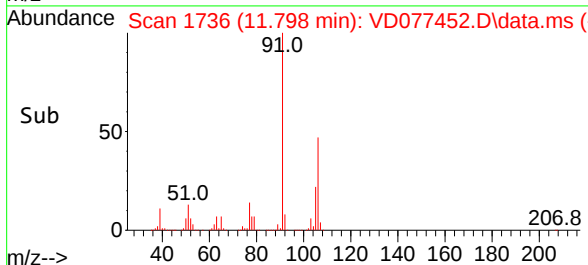
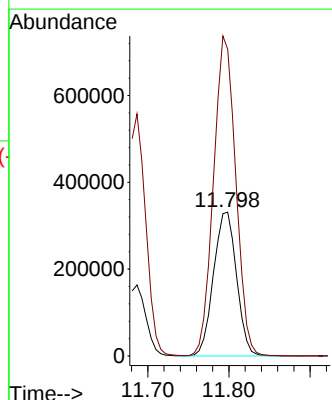
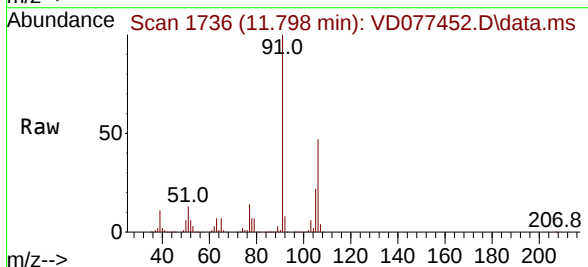
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#68
m/p-Xylenes
Concen: 98.620 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

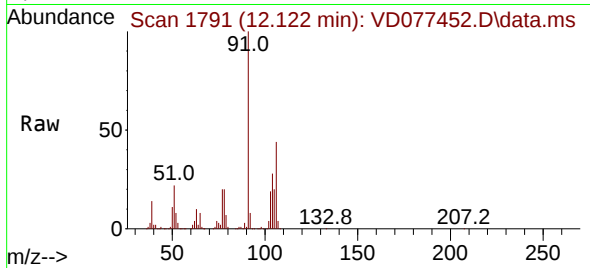
Tgt Ion:106 Resp: 652739
Ion Ratio Lower Upper
106 100
91 215.5 147.0 220.6





#69
o-Xylene
Concen: 49.407 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

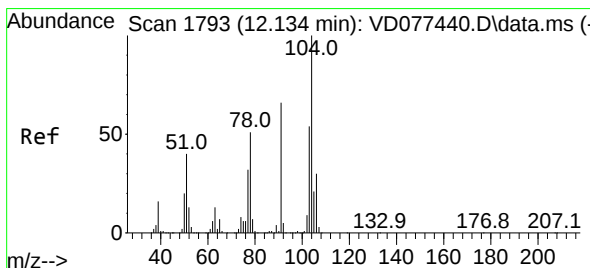
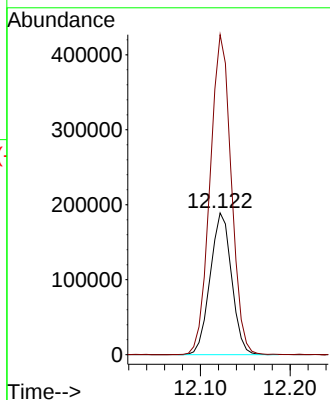
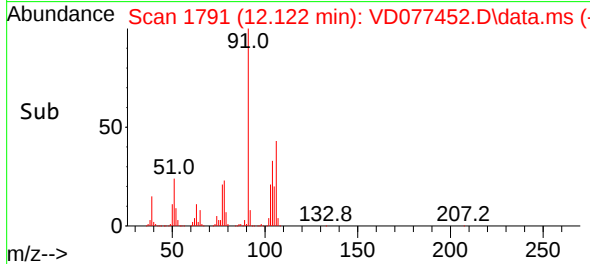
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



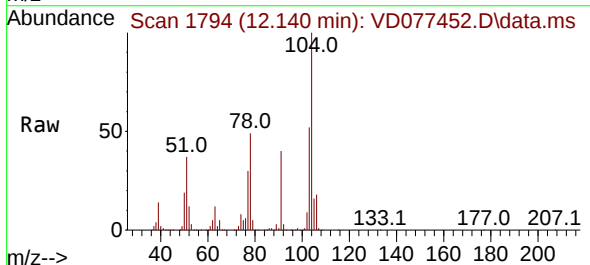
Tgt Ion:106 Resp: 313220
Ion Ratio Lower Upper
106 100
91 224.7 97.9 293.6

Manual Integrations
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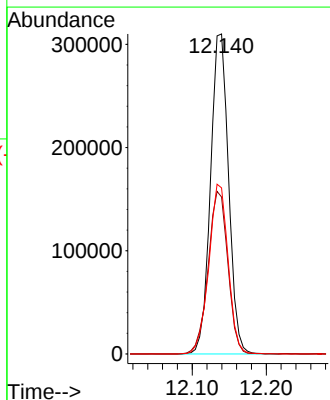
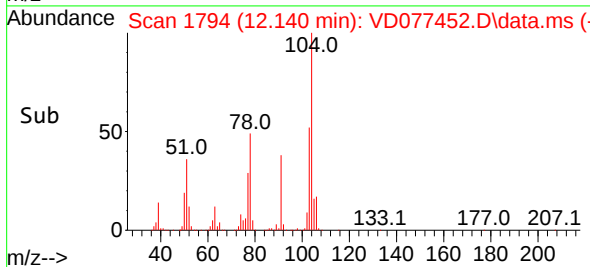
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

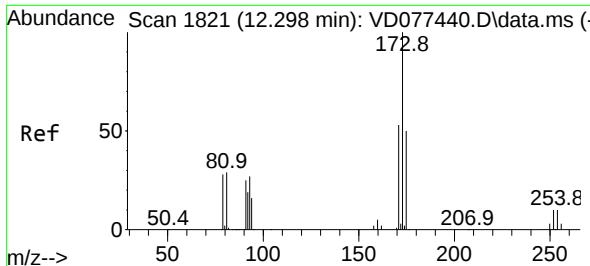


#70
Styrene
Concen: 47.952 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08



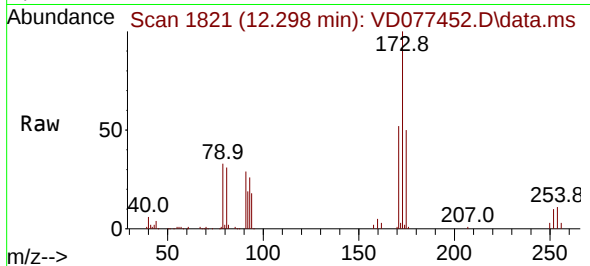
Tgt Ion:104 Resp: 524450
Ion Ratio Lower Upper
104 100
78 55.5 33.2 49.8#
103 56.7 43.6 65.4





#71
Bromoform
Concen: 45.186 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

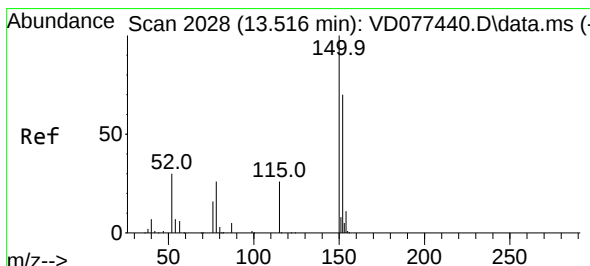
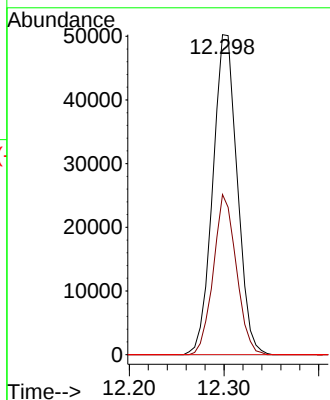
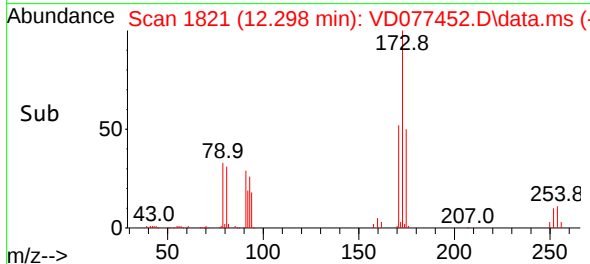
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



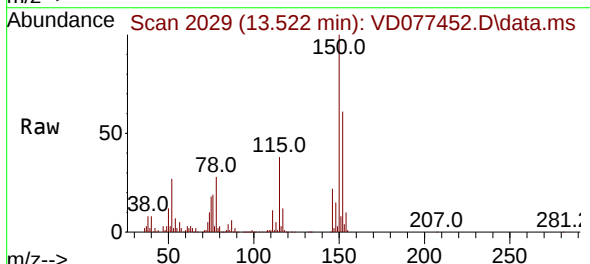
Tgt Ion:173 Resp: 90178
Ion Ratio Lower Upper
173 100
175 46.9 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

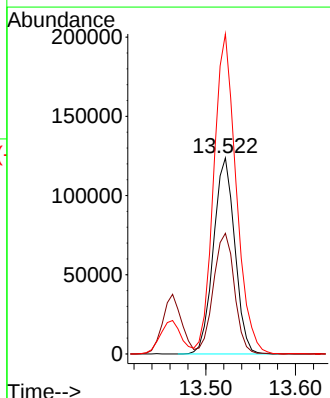
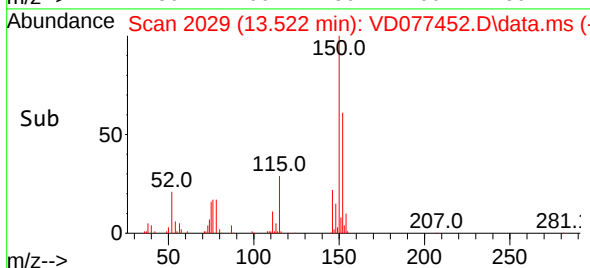
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

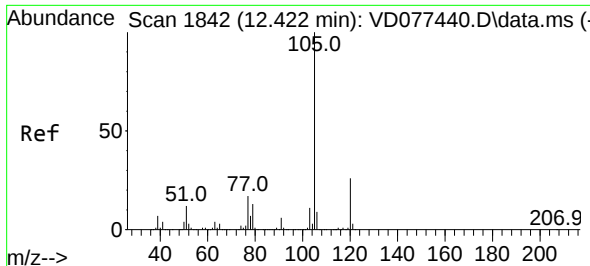


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08



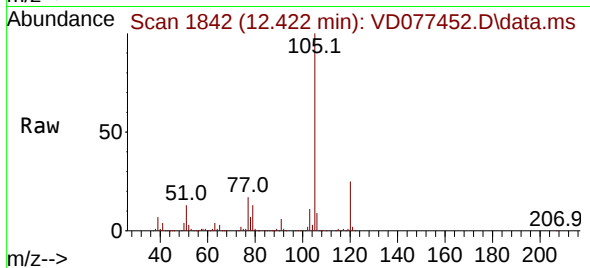
Tgt Ion:152 Resp: 204433
Ion Ratio Lower Upper
152 100
115 61.0 27.1 81.3
150 172.0 0.0 353.6





#73
Isopropylbenzene
Concen: 50.640 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

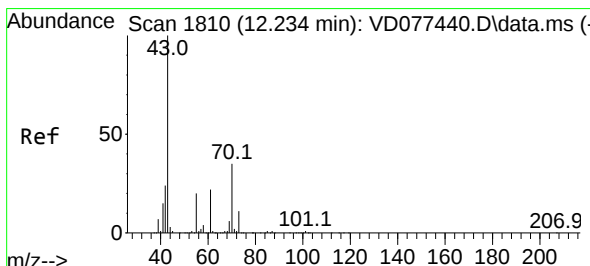
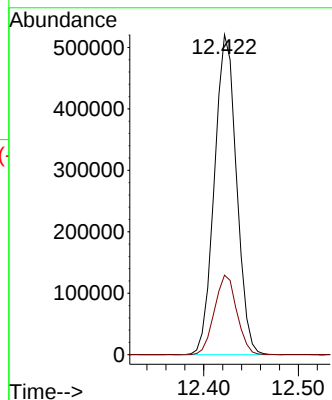
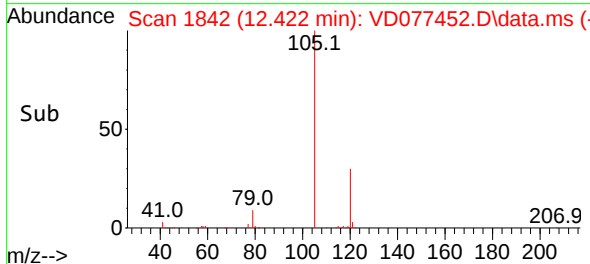
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 844045
Ion Ratio Lower Upper
105 100
120 25.1 14.3 42.9

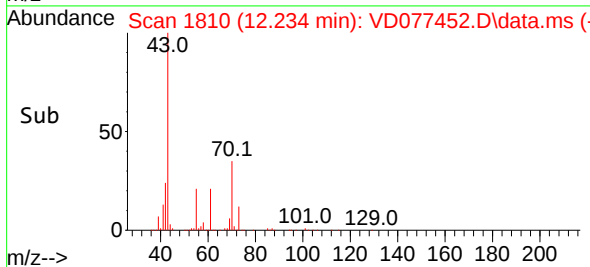
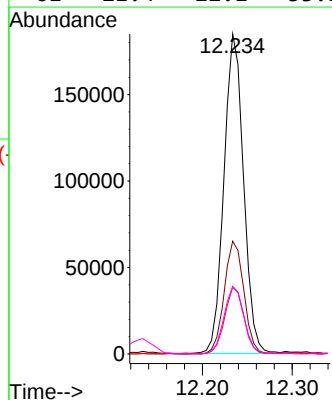
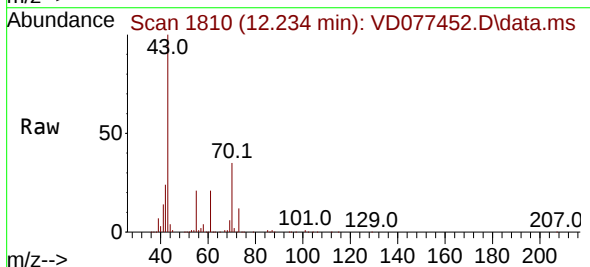
Manual Integrations
APPROVED

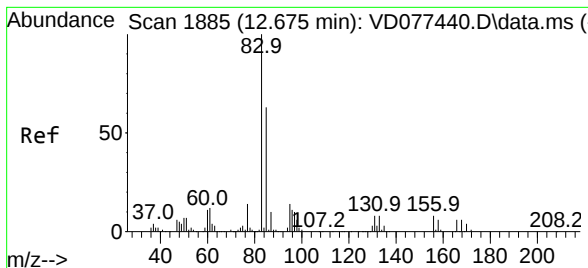
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#74
N-ethyl acetate
Concen: 47.519 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

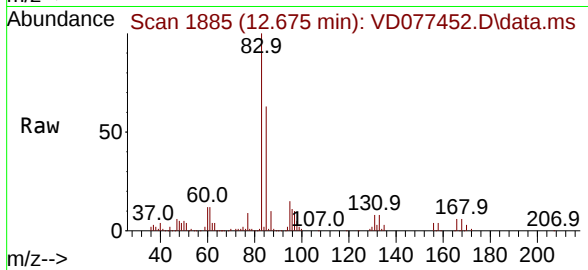
Tgt Ion: 43 Resp: 280542
Ion Ratio Lower Upper
43 100
70 35.4 45.0 67.4#
55 20.7 23.8 35.6#
61 21.4 22.1 33.1#





#75
1,1,2,2-Tetrachloroethane
Concen: 47.940 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

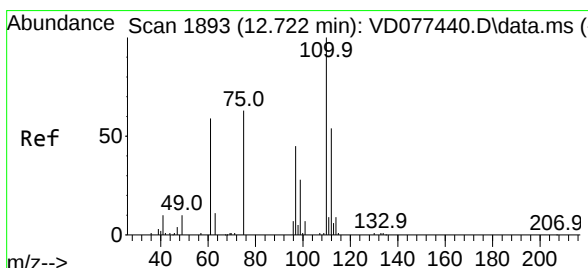
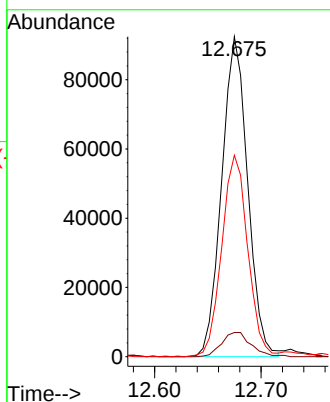
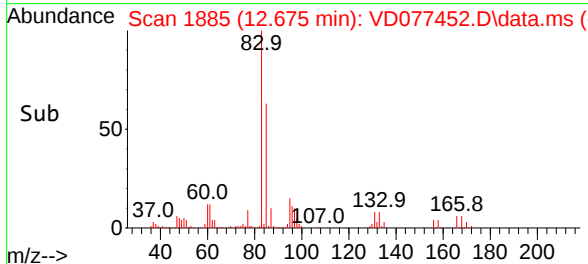
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



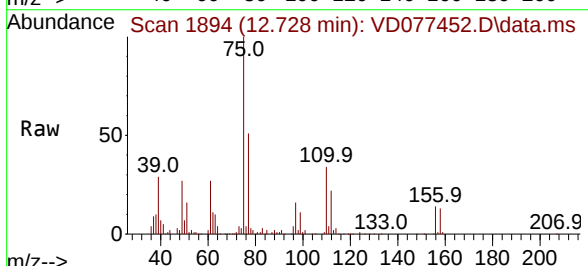
Tgt Ion: 83 Resp: 15663
Ion Ratio Lower Upper
83 100
131 8.6 5.1 15.3
85 62.9 32.6 97.8

Manual Integrations
APPROVED

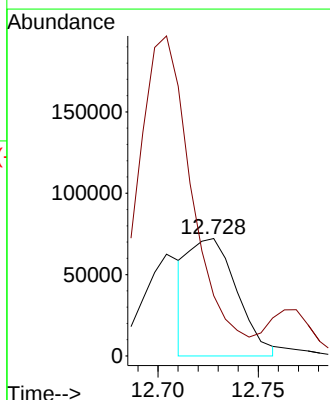
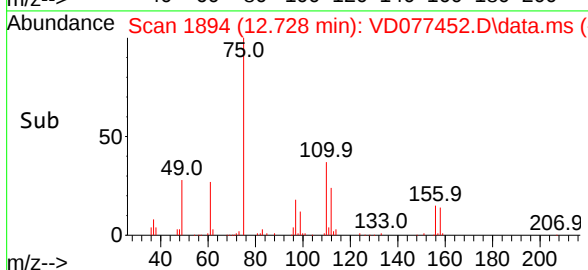
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

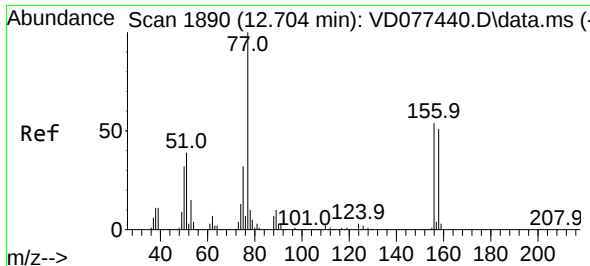


#76
1,2,3-Trichloropropane
Concen: 48.741 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08



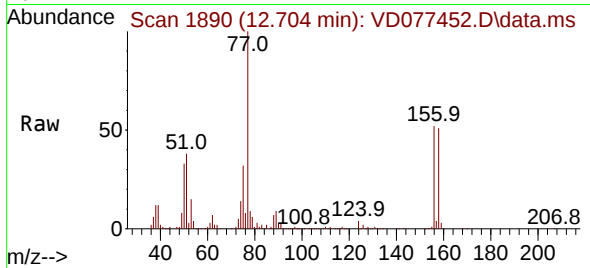
Tgt Ion: 75 Resp: 121275
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 46.766 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

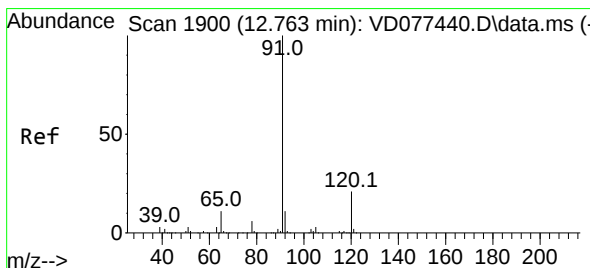
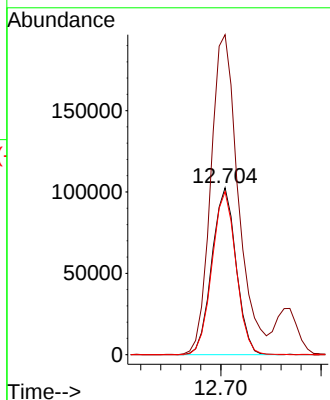
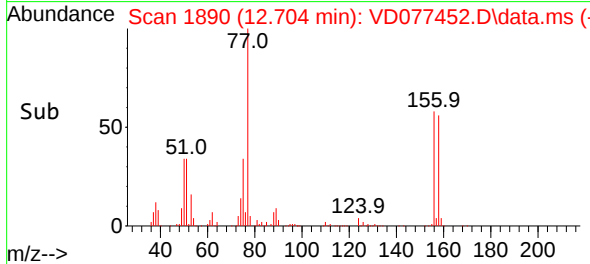
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 17157
Ion Ratio Lower Upper
156 100
77 218.3 76.8 230.4
158 97.1 48.6 145.9

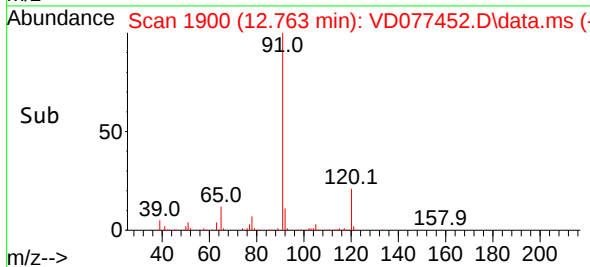
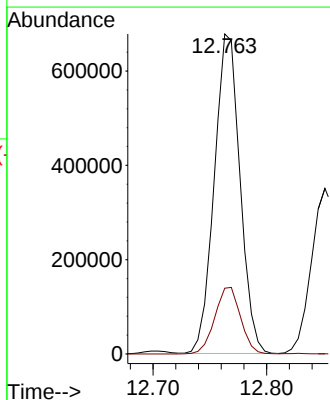
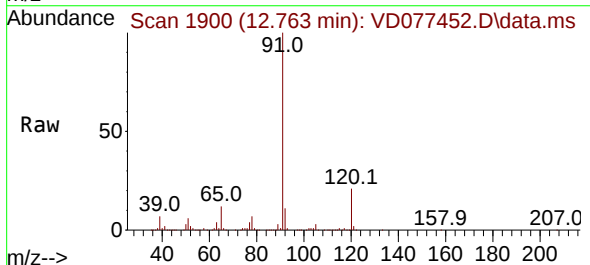
Manual Integrations
APPROVED

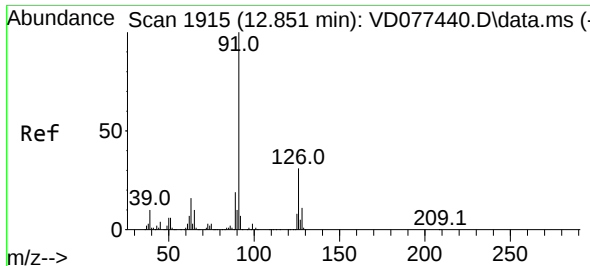
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#78
n-propylbenzene
Concen: 50.397 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Tgt Ion: 91 Resp: 1066577
Ion Ratio Lower Upper
91 100
120 20.9 12.4 37.2





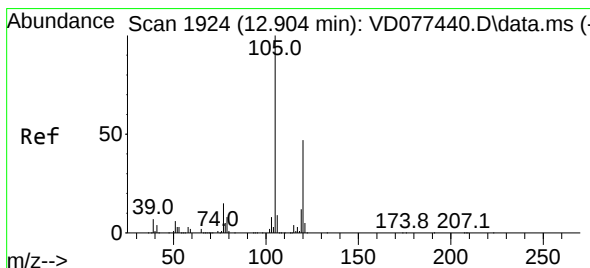
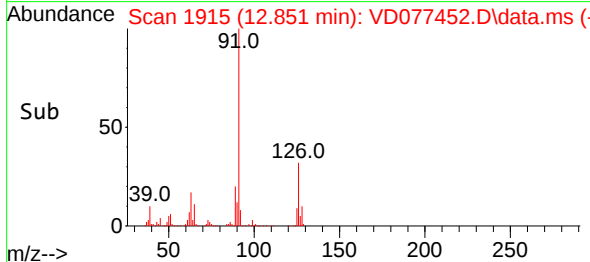
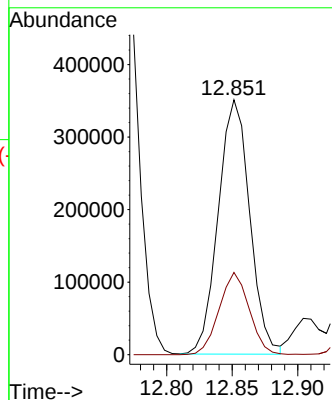
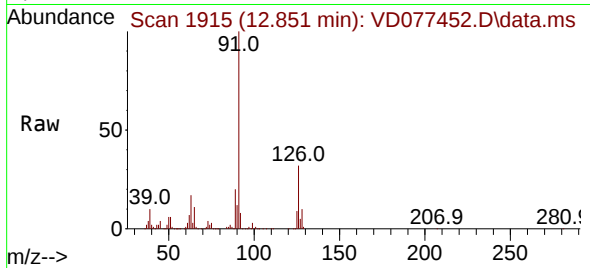
#79
2-Chlorotoluene
Concen: 48.989 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 58703
Ion Ratio Lower Upper
91 100
126 30.8 19.4 58.1

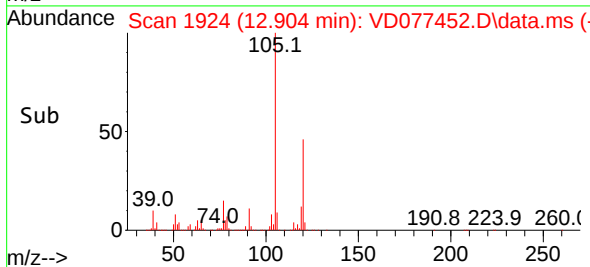
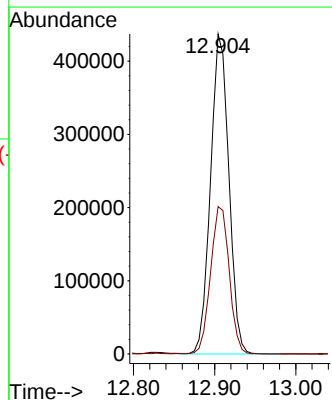
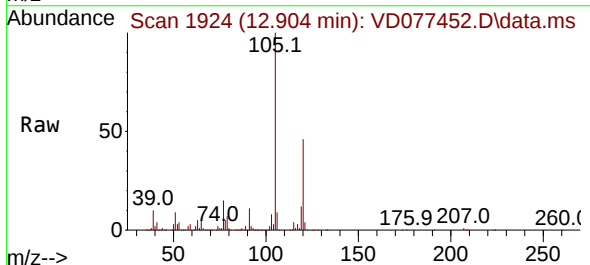
Manual Integrations
APPROVED

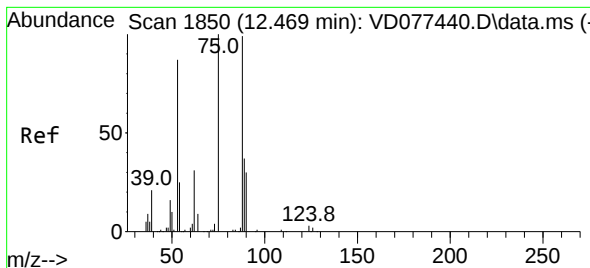
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.954 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

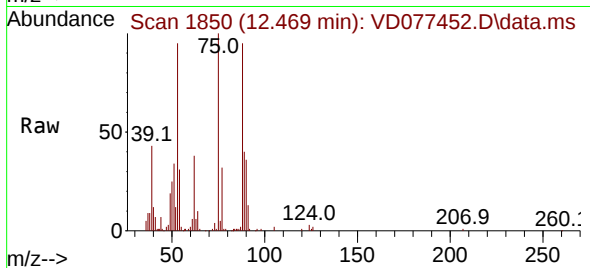
Tgt Ion:105 Resp: 684648
Ion Ratio Lower Upper
105 100
120 46.9 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 46.597 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

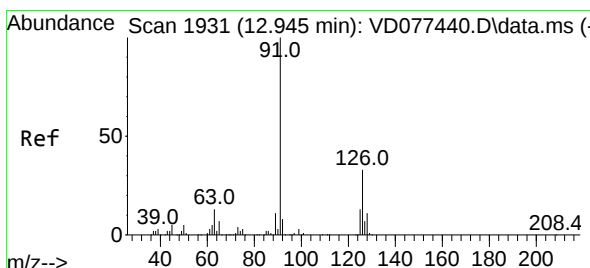
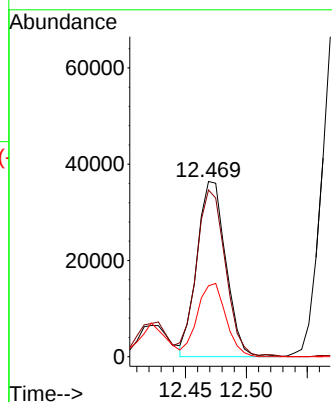
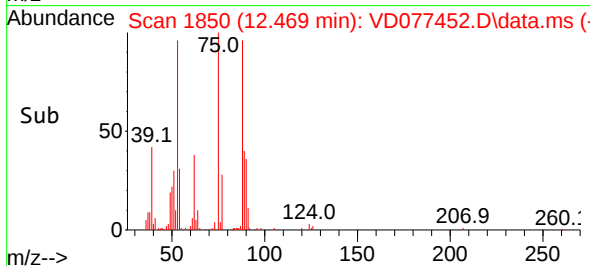
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



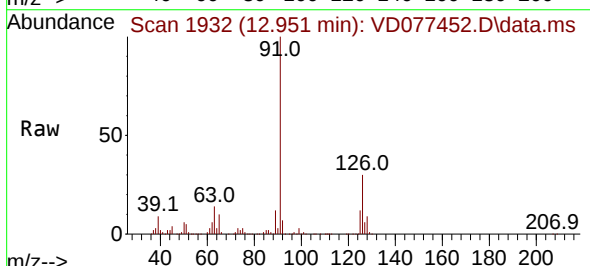
Tgt Ion: 75 Resp: 6002
Ion Ratio Lower Upper
75 100
53 96.9 63.0 94.4
89 41.3 37.9 56.9

Manual Integrations
APPROVED

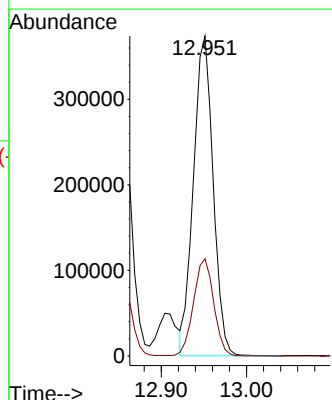
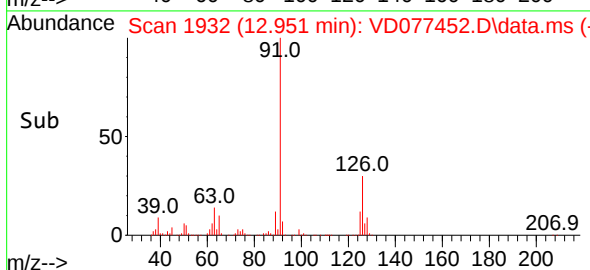
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

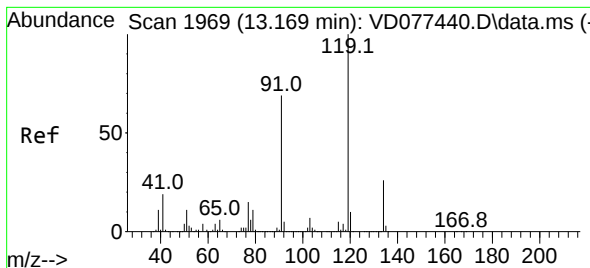


#82
4-Chlorotoluene
Concen: 48.002 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08



Tgt Ion: 91 Resp: 599147
Ion Ratio Lower Upper
91 100
126 31.2 19.4 58.4





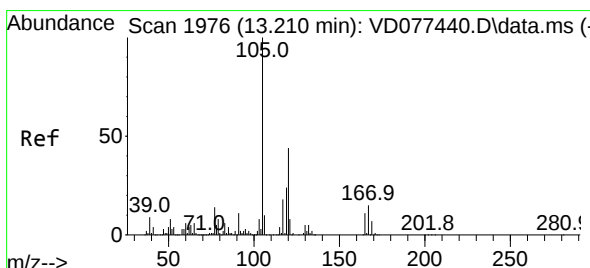
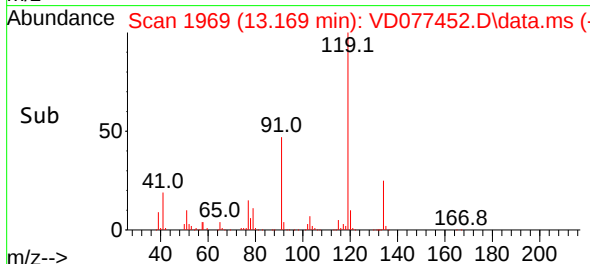
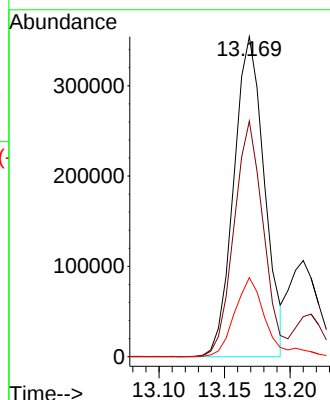
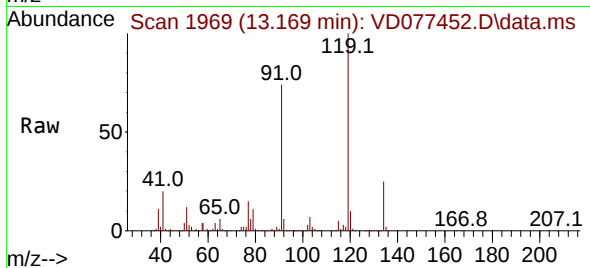
#83
tert-Butylbenzene
Concen: 48.985 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 57598
Ion Ratio Lower Upper
119 100
91 71.2 29.3 87.8
134 25.4 14.1 42.3

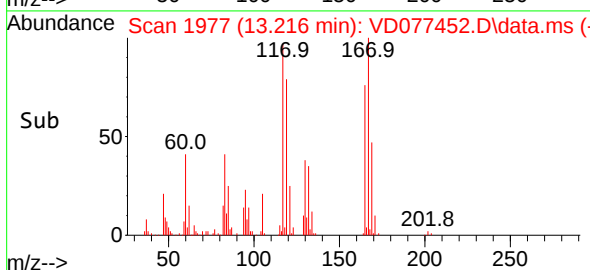
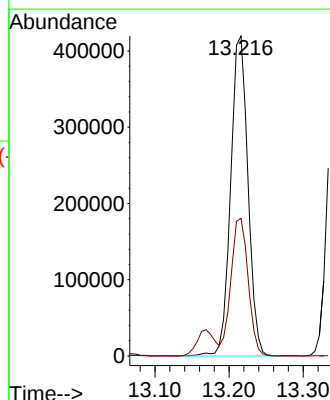
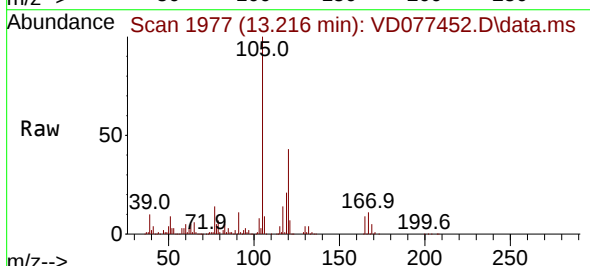
Manual Integrations
APPROVED

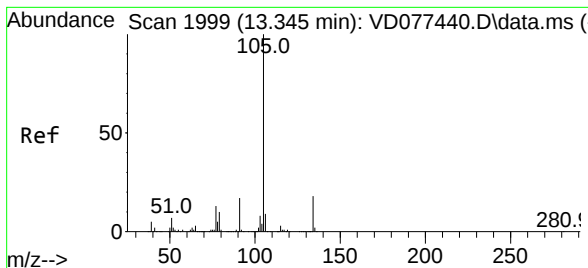
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#84
1,2,4-Trimethylbenzene
Concen: 48.846 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

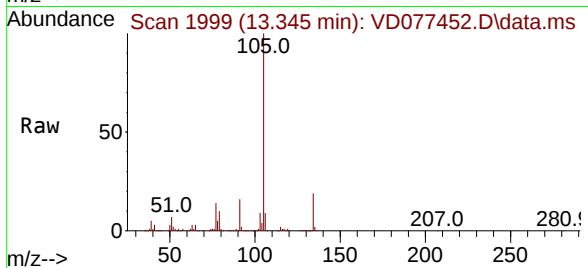
Tgt Ion:105 Resp: 678607
Ion Ratio Lower Upper
105 100
120 43.1 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 50.127 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077452.D
 Acq: 31 Oct 2023 10:08

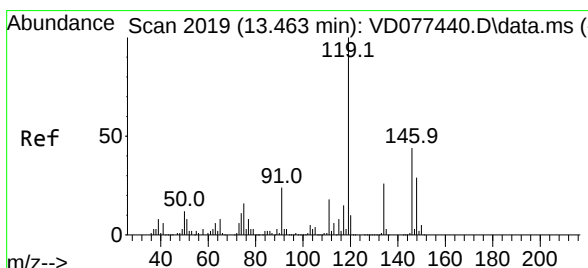
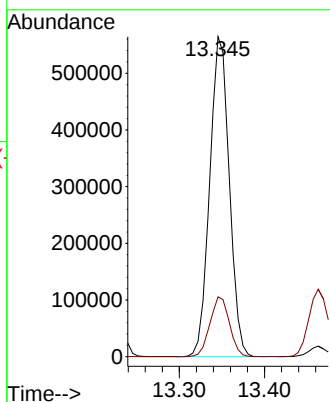
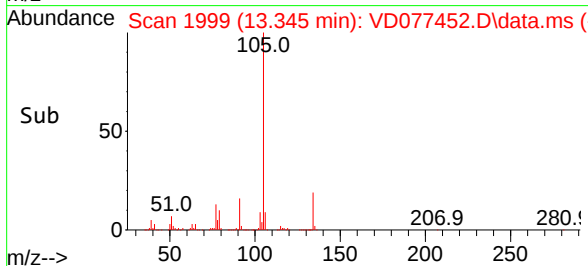
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



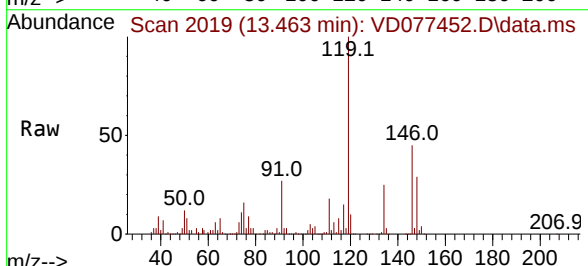
Tgt Ion:105 Resp: 90184
 Ion Ratio Lower Upper
 105 100
 134 18.6 10.9 32.9

Manual Integrations
 APPROVED

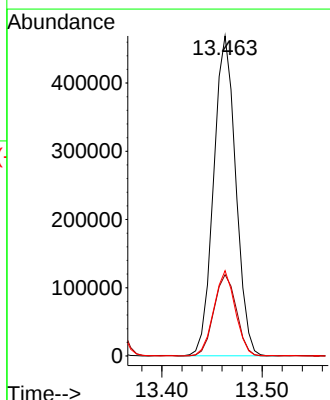
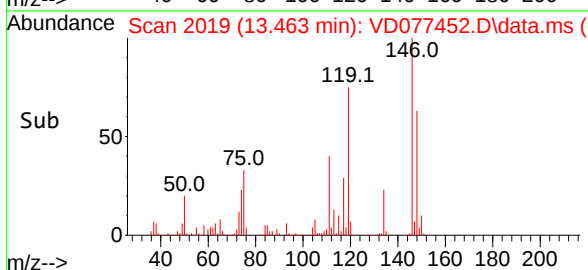
Reviewed By :John Carlone 11/01/2023
 Supervised By :Mahesh Dadoda 11/01/2023

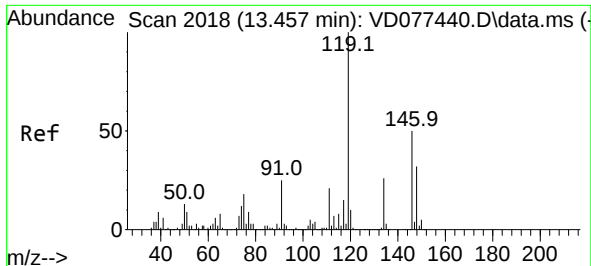


#86
 p-Isopropyltoluene
 Concen: 49.149 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077452.D
 Acq: 31 Oct 2023 10:08



Tgt Ion:119 Resp: 718738
 Ion Ratio Lower Upper
 119 100
 134 25.7 14.2 42.6
 91 25.7 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 47.179 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 340230

Ion Ratio Lower Upper

146 100

111 42.3 17.9 53.8

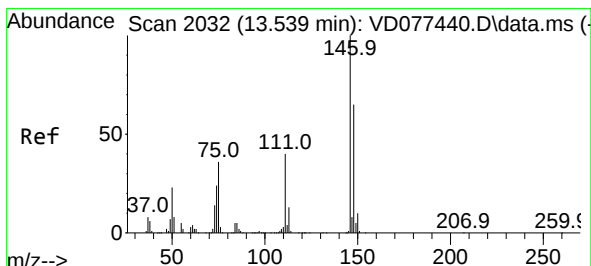
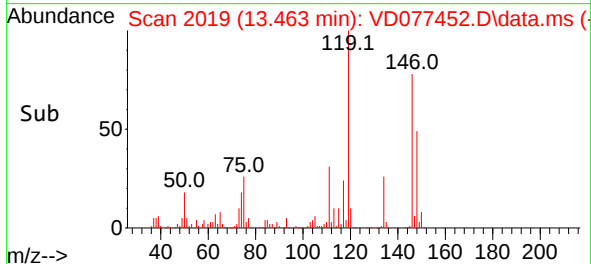
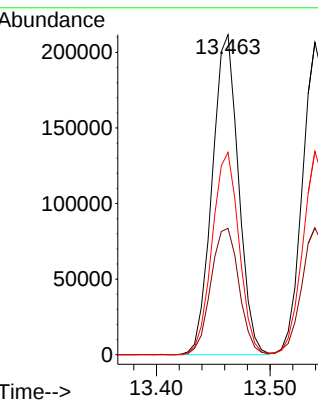
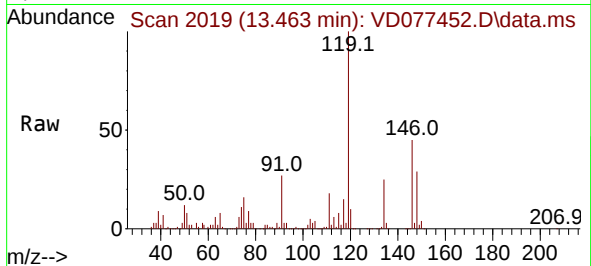
148 64.4 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#88

1,4-Dichlorobenzene

Concen: 46.520 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD077452.D

Acq: 31 Oct 2023 10:08

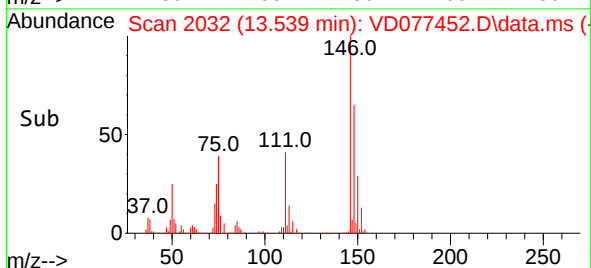
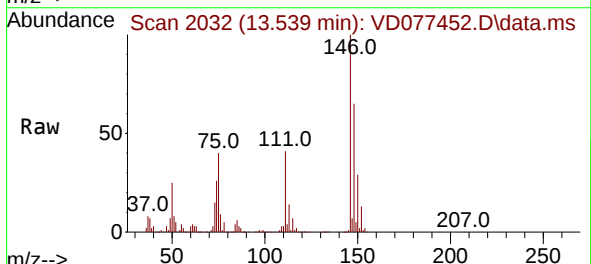
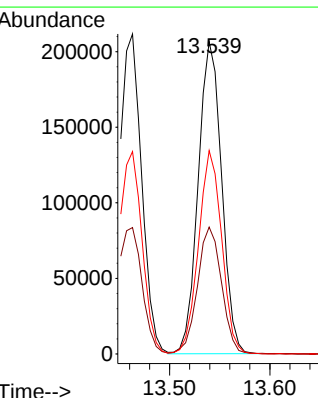
Tgt Ion:146 Resp: 335184

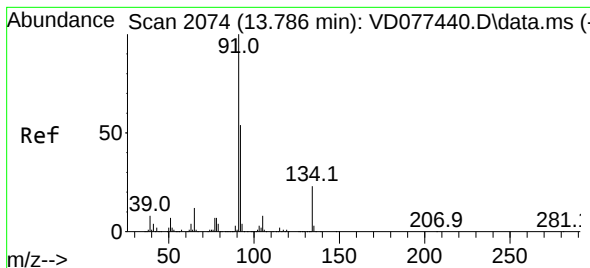
Ion Ratio Lower Upper

146 100

111 41.9 17.4 52.3

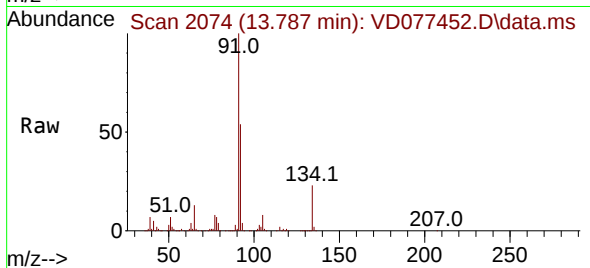
148 64.7 31.7 95.1





#89
n-Butylbenzene
Concen: 49.766 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

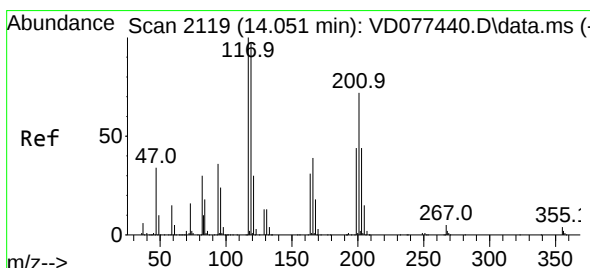
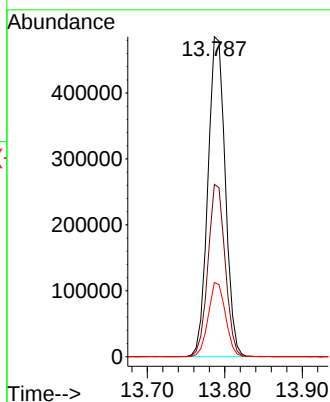
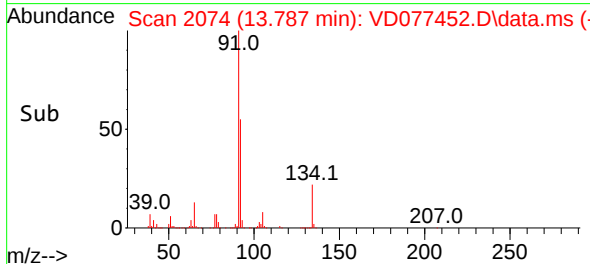
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 756424
Ion Ratio Lower Upper
91 100
92 53.3 26.5 79.5
134 23.0 13.8 41.3

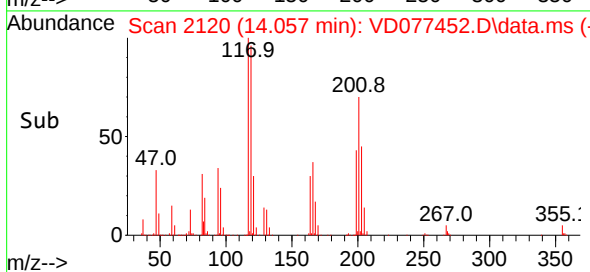
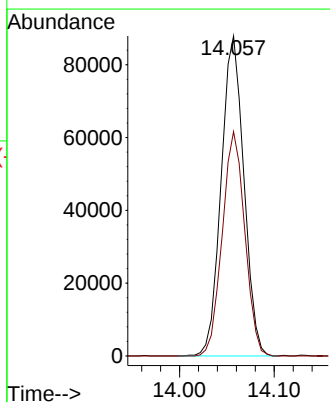
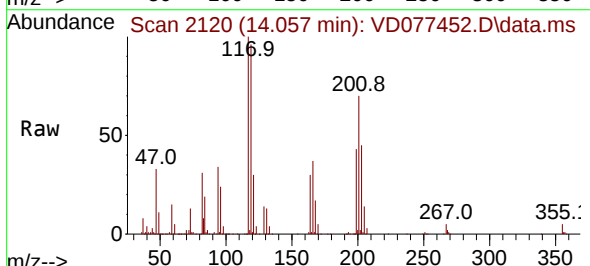
Manual Integrations
APPROVED

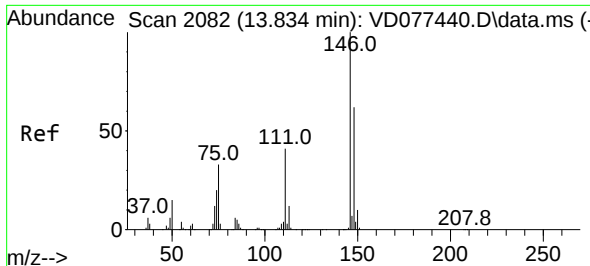
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#90
Hexachloroethane
Concen: 48.908 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

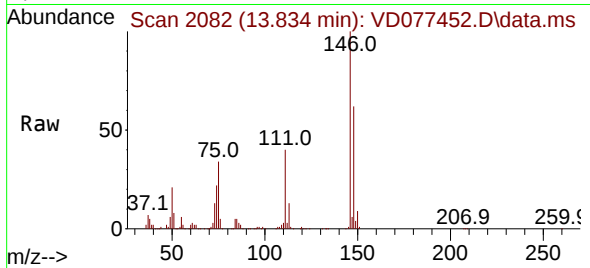
Tgt Ion:117 Resp: 146356
Ion Ratio Lower Upper
117 100
201 69.4 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 46.933 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

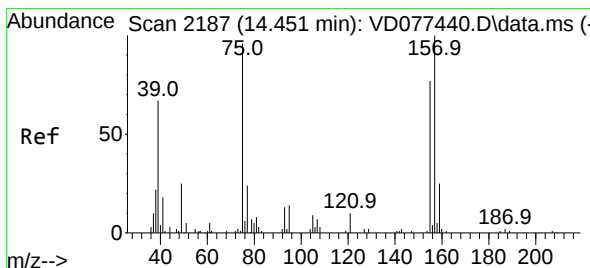
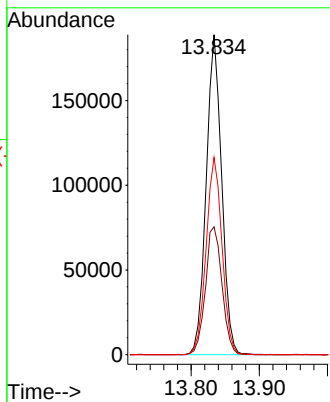
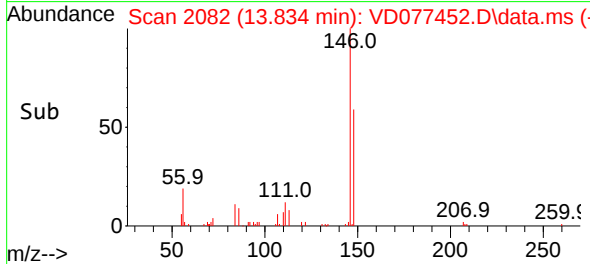
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 29744
Ion Ratio Lower Upper
146 100
111 42.9 18.3 54.8
148 63.5 31.6 94.7

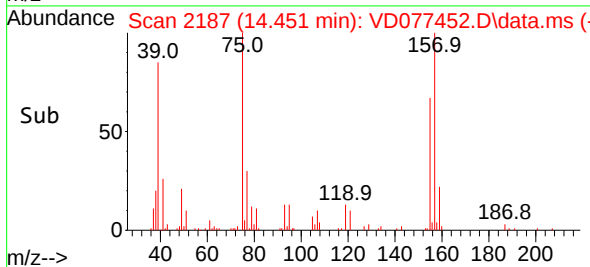
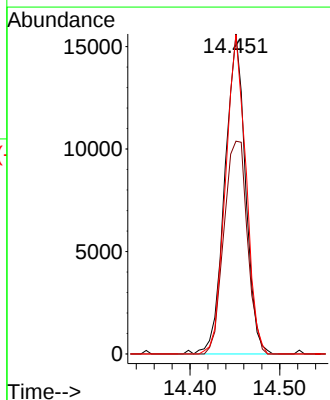
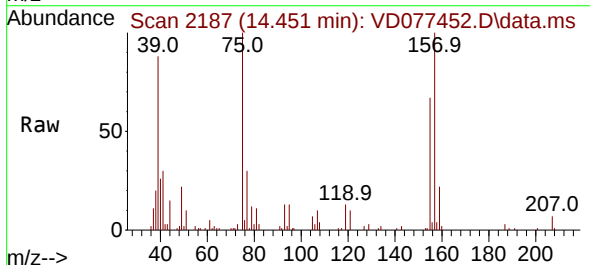
Manual Integrations
APPROVED

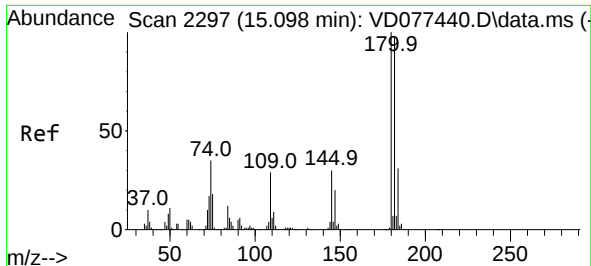
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.208 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

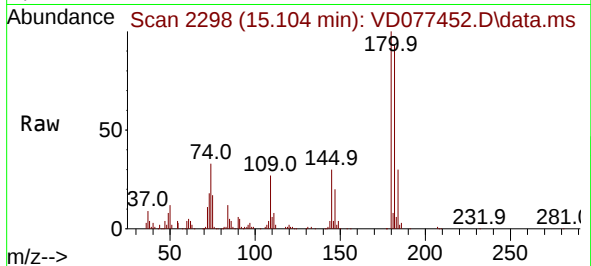
Tgt Ion: 75 Resp: 24883
Ion Ratio Lower Upper
75 100
155 75.7 47.9 143.8
157 98.6 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 45.029 ug/l
RT: 15.104 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

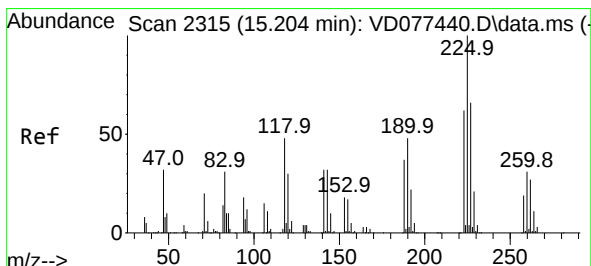
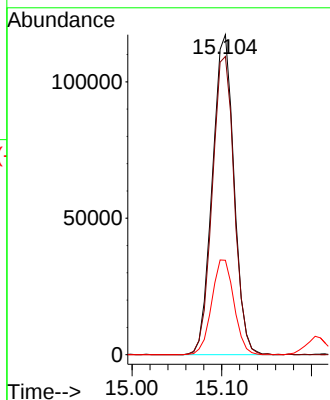
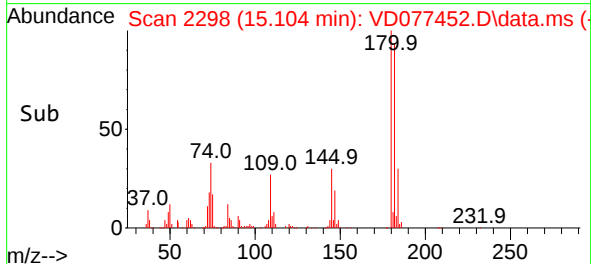
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



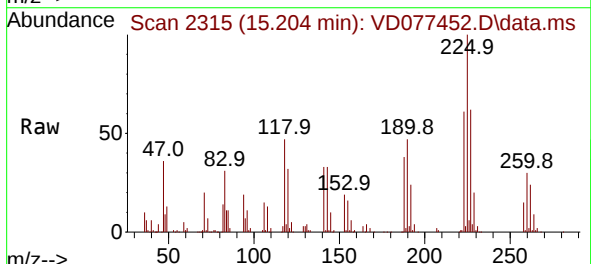
Tgt Ion:180 Resp: 19605
Ion Ratio Lower Upper
180 100
182 94.7 48.5 145.6
145 30.5 14.2 42.6

Manual Integrations
APPROVED

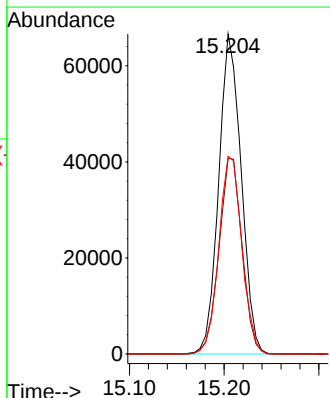
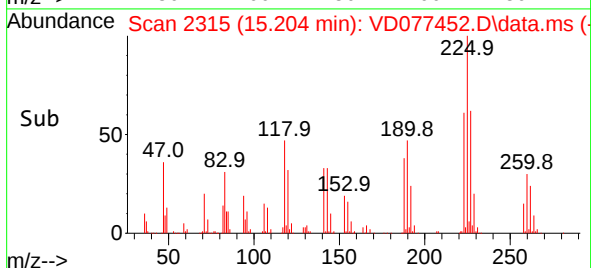
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

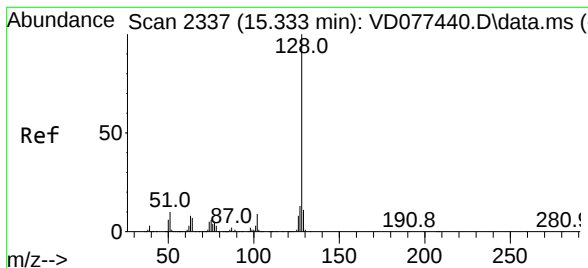


#94
Hexachlorobutadiene
Concen: 46.856 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08



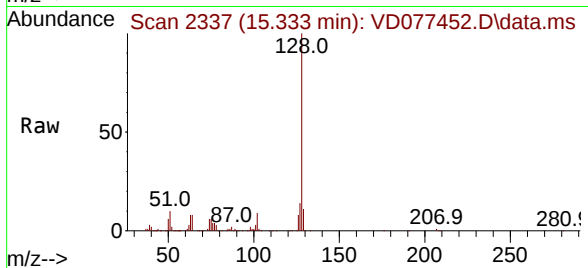
Tgt Ion:225 Resp: 110042
Ion Ratio Lower Upper
225 100
223 62.7 31.6 94.8
227 63.2 31.7 95.1





#95
Naphthalene
Concen: 45.505 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08

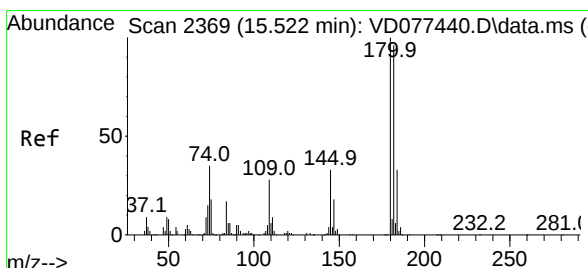
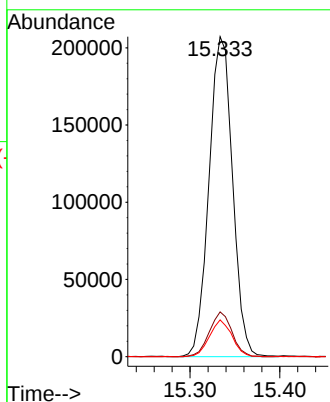
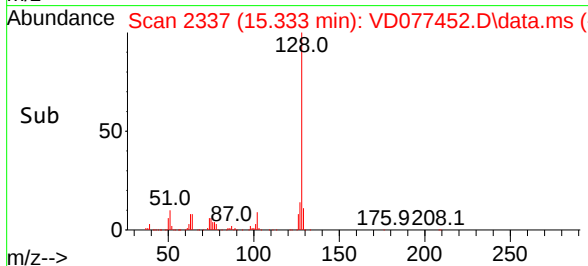
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



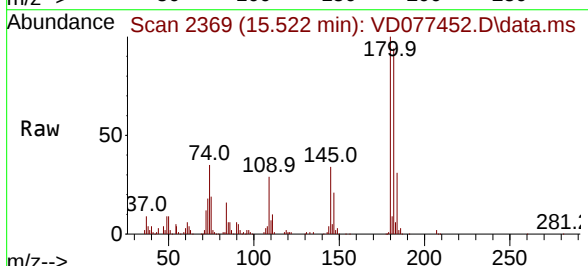
Tgt Ion:128 Resp: 377950
Ion Ratio Lower Upper
128 100
127 14.0 10.5 15.7
129 11.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#96
1,2,3-Trichlorobenzene
Concen: 45.037 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077452.D
Acq: 31 Oct 2023 10:08



Tgt Ion:180 Resp: 169259
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.9
145 32.8 15.1 45.3

