

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110323\
 Data File : VD077502.D
 Acq On : 03 Nov 2023 18:38
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 04 05:16:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/06/2023
 Supervised By : Mahesh Dadoda 11/06/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	219875	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	406828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	364331	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	172955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	147746	47.520	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.040%		
35) Dibromofluoromethane	7.810	113	126538	45.002	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.000%		
50) Toluene-d8	10.269	98	512991	46.969	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.940%		
62) 4-Bromofluorobenzene	12.575	95	166245	45.193	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	90.380%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	72496	40.891	ug/l	99
3) Chloromethane	2.152	50	151170	53.706	ug/l	98
4) Vinyl Chloride	2.287	62	164440	59.910	ug/l	98
5) Bromomethane	2.693	94	95096	66.117	ug/l	98
6) Chloroethane	2.840	64	114582	62.004	ug/l	98
7) Trichlorofluoromethane	3.175	101	176822	46.002	ug/l	96
8) Diethyl Ether	3.593	74	67818	49.083	ug/l #	53
9) 1,1,2-Trichlorotrifluo...	3.969	101	102617	44.222	ug/l	95
10) Methyl Iodide	4.169	142	129649	44.603	ug/l #	90
11) Tert butyl alcohol	5.052	59	49822	202.294	ug/l	97
12) 1,1-Dichloroethene	3.946	96	105533	48.039	ug/l #	69
13) Acrolein	3.799	56	65508	201.701	ug/l	97
14) Allyl chloride	4.564	41	246351	46.484	ug/l #	84
15) Acrylonitrile	5.258	53	186924	250.262	ug/l	99
16) Acetone	4.022	43	180723	219.666	ug/l #	78
17) Carbon Disulfide	4.269	76	304875	45.368	ug/l	99
18) Methyl Acetate	4.564	43	157282	52.410	ug/l #	76
19) Methyl tert-butyl Ether	5.316	73	328487	47.636	ug/l #	89
20) Methylene Chloride	4.805	84	145805	46.997	ug/l #	61
21) trans-1,2-Dichloroethene	5.316	96	124841	48.795	ug/l #	75
22) Diisopropyl ether	6.216	45	530847	47.129	ug/l #	87
23) Vinyl Acetate	6.158	43	1147481m	236.140	ug/l	
24) 1,1-Dichloroethane	6.111	63	276683	47.341	ug/l	93
25) 2-Butanone	7.081	43	250123	227.928	ug/l #	77
26) 2,2-Dichloropropane	7.081	77	221221	42.711	ug/l	91
27) cis-1,2-Dichloroethene	7.081	96	152244	48.031	ug/l	72
28) Bromochloromethane	7.428	49	130950	49.446	ug/l #	55
29) Tetrahydrofuran	7.446	42	158325	243.263	ug/l #	70
30) Chloroform	7.599	83	260969	47.823	ug/l	96
31) Cyclohexane	7.881	56	221142	45.499	ug/l #	72
32) 1,1,1-Trichloroethane	7.793	97	204367	45.454	ug/l	96
36) 1,1-Dichloropropene	8.010	75	187526	44.981	ug/l	92
37) Ethyl Acetate	7.169	43	109292	45.680	ug/l #	89
38) Carbon Tetrachloride	7.993	117	172433	43.892	ug/l	96
39) Methylcyclohexane	9.275	83	216383	45.489	ug/l #	82
40) Benzene	8.252	78	559282	47.046	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	65728	42.935	ug/l #	78
42) 1,2-Dichloroethane	8.328	62	171099	45.442	ug/l	91
43) Isopropyl Acetate	8.363	43	224746	45.520	ug/l #	80
44) Trichloroethene	9.028	130	126211	43.342	ug/l	83
45) 1,2-Dichloropropane	9.304	63	161426	46.123	ug/l	96
46) Dibromomethane	9.399	93	75055	44.562	ug/l	90
47) Bromodichloromethane	9.587	83	201923	45.357	ug/l	97
48) Methyl methacrylate	9.381	41	104774	44.456	ug/l #	66
49) 1,4-Dioxane	9.387	88	16772	926.715	ug/l #	74
51) 4-Methyl-2-Pentanone	10.157	43	553053	227.574	ug/l #	83
52) Toluene	10.334	92	344128	47.484	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	210678	44.692	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	244648	45.099	ug/l #	79
55) 1,1,2-Trichloroethane	10.734	97	101049	44.968	ug/l	93
56) Ethyl methacrylate	10.599	69	151226	45.262	ug/l #	65
57) 1,3-Dichloropropane	10.881	76	196647	46.819	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	426883	255.212	ug/l #	84
59) 2-Hexanone	10.922	43	395660	221.007	ug/l	78
60) Dibromochloromethane	11.075	129	120653	44.652	ug/l	96
61) 1,2-Dibromoethane	11.181	107	96476	45.336	ug/l	96
64) Tetrachloroethene	10.810	164	102691	44.272	ug/l	92
65) Chlorobenzene	11.610	112	345294	45.239	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	129005	44.726	ug/l	97
67) Ethyl Benzene	11.687	91	670177	45.633	ug/l	93
68) m/p-Xylenes	11.793	106	483853	91.236	ug/l	81
69) o-Xylene	12.122	106	235746	46.409	ug/l	83
70) Styrene	12.134	104	405075	46.224	ug/l #	92
71) Bromoform	12.298	173	69464	43.440	ug/l #	100
73) Isopropylbenzene	12.422	105	607776	43.101	ug/l	94
74) N-amyl acetate	12.234	43	208711	41.786	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.675	83	122813	44.431	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	91194m	43.322	ug/l	
77) Bromobenzene	12.704	156	132317	42.630	ug/l	70
78) n-propylbenzene	12.763	91	772337	43.136	ug/l	92
79) 2-Chlorotoluene	12.851	91	432420	42.654	ug/l	89
80) 1,3,5-Trimethylbenzene	12.904	105	505165	42.694	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	45879	42.100	ug/l #	85
82) 4-Chlorotoluene	12.945	91	451442	42.751	ug/l	88
83) tert-Butylbenzene	13.169	119	426500	42.873	ug/l	90
84) 1,2,4-Trimethylbenzene	13.210	105	510279	43.415	ug/l	92
85) sec-Butylbenzene	13.345	105	652964	42.899	ug/l	94
86) p-Isopropyltoluene	13.463	119	536126	43.334	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	268643	44.032	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	262599	43.079	ug/l	96
89) n-Butylbenzene	13.787	91	546978	42.536	ug/l	97
90) Hexachloroethane	14.057	117	106140	41.924	ug/l	92
91) 1,2-Dichlorobenzene	13.834	146	233223	43.497	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	19623	42.140	ug/l	81
93) 1,2,4-Trichlorobenzene	15.098	180	154197	41.862	ug/l	97
94) Hexachlorobutadiene	15.204	225	79809	40.168	ug/l	99
95) Naphthalene	15.334	128	309362	44.026	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	132835	41.778	ug/l	98

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

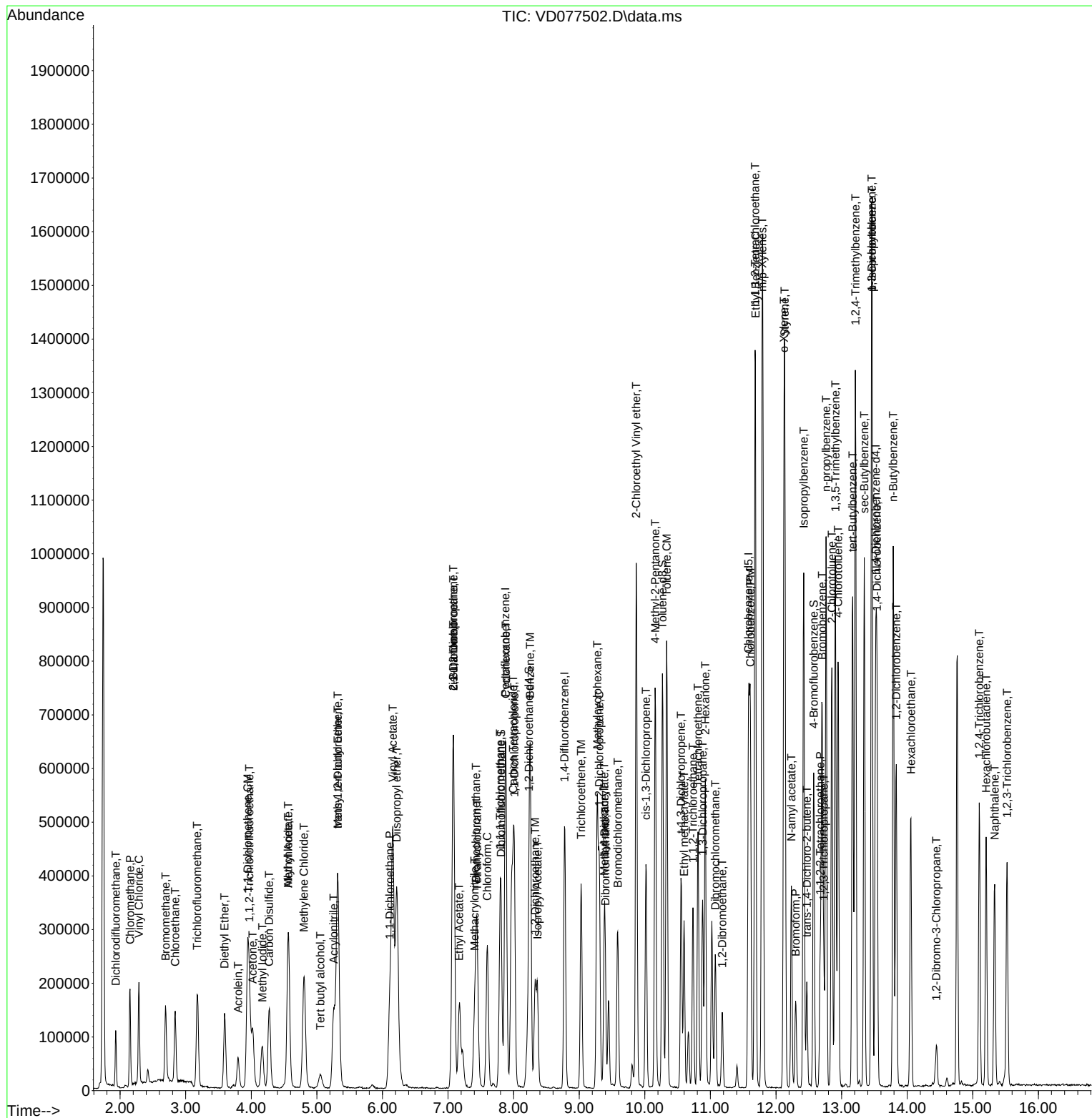
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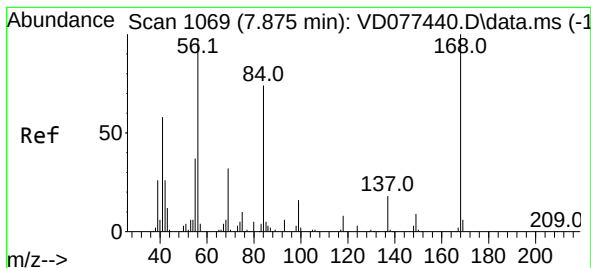
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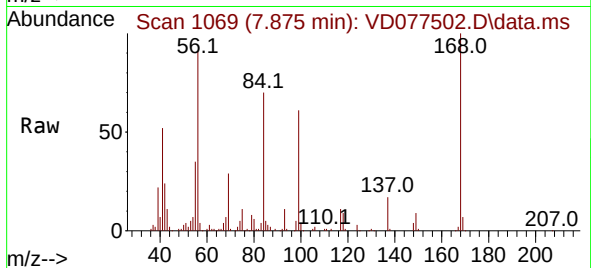
Reviewed By :John Carlone 11/06/2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077502.D
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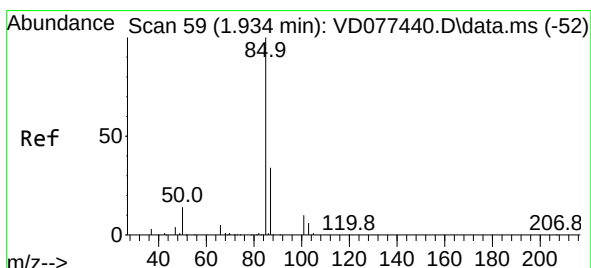
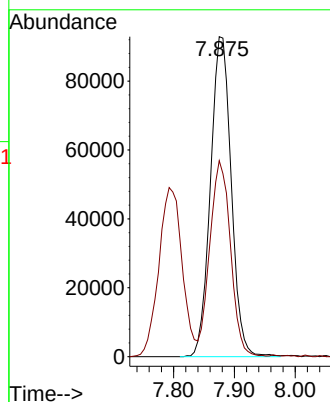
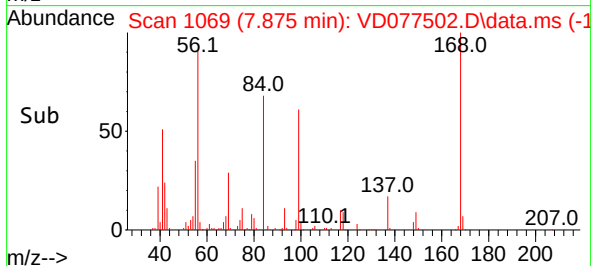
Instrument :
MSVOA_D
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VSTDCCC050EC



Tgt Ion:168 Resp: 219875
Ion Ratio Lower Upper
168 100
99 61.0 36.7 55.1

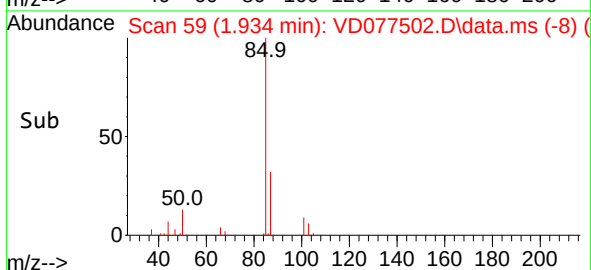
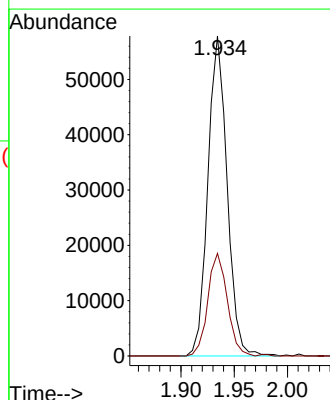
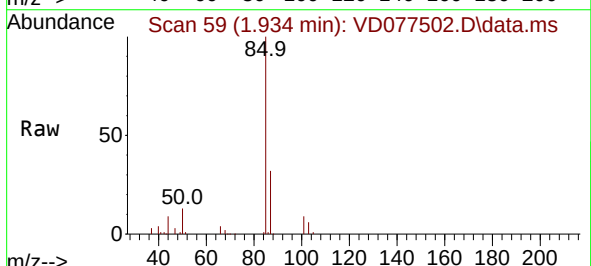
Manual Integrations
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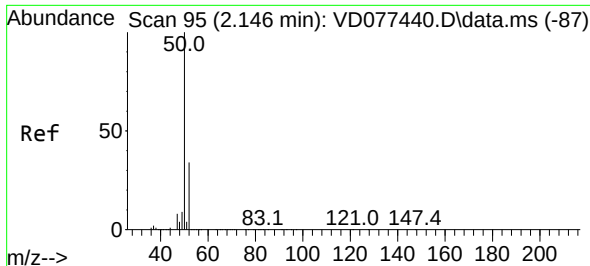
Reviewed By :John Carlone 11/06/2023
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#2
Dichlorodifluoromethane
Concen: 40.891 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

Tgt Ion: 85 Resp: 72496
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.0





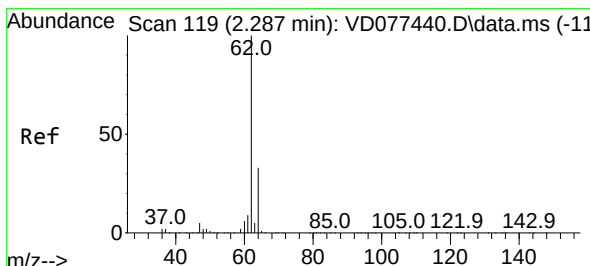
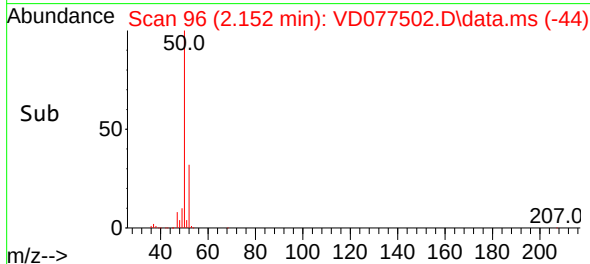
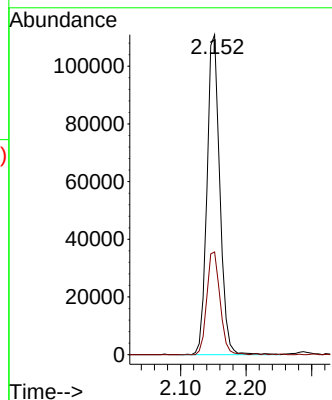
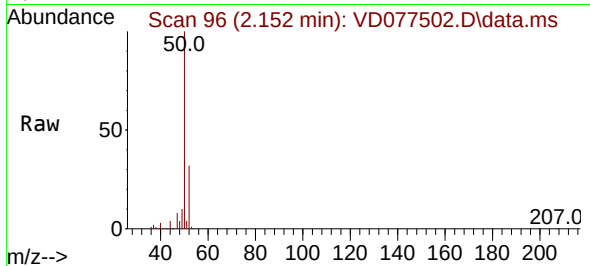
#3
Chloromethane
Concen: 53.706 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

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ClientSampleId :
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Tgt Ion: 50 Resp: 151170
Ion Ratio Lower Upper
50 100
52 32.1 26.6 40.0

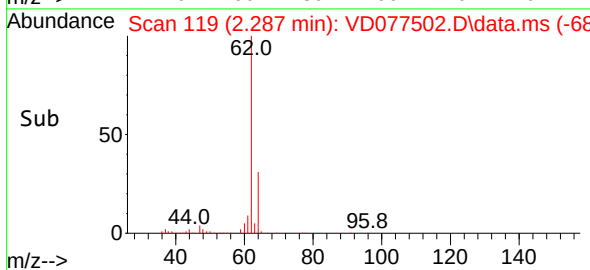
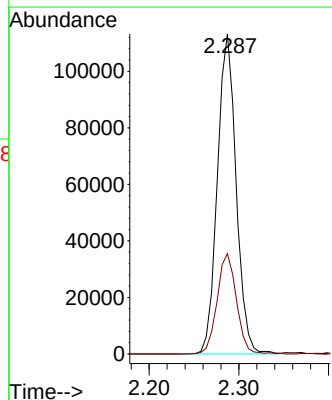
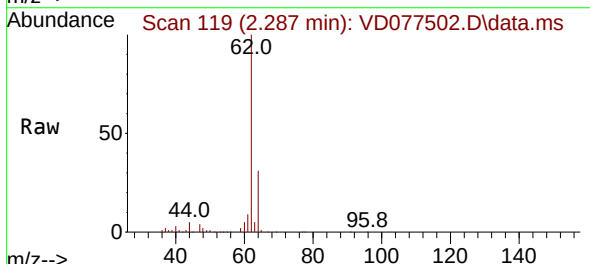
Manual Integrations
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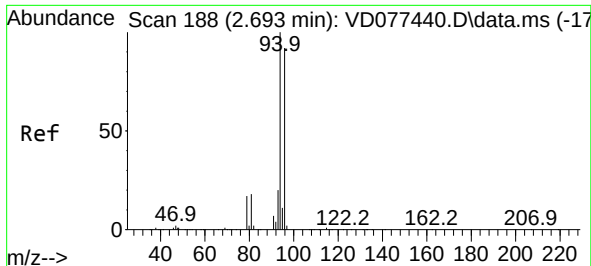
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#4
Vinyl Chloride
Concen: 59.910 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

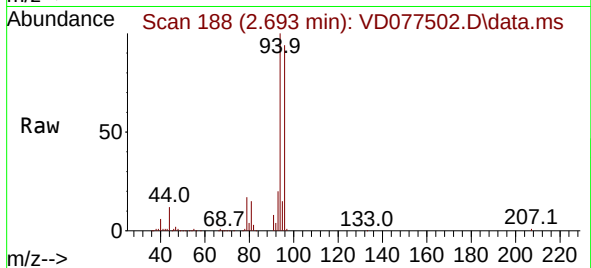
Tgt Ion: 62 Resp: 164440
Ion Ratio Lower Upper
62 100
64 31.3 26.0 39.0





#5
Bromomethane
Concen: 66.117 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

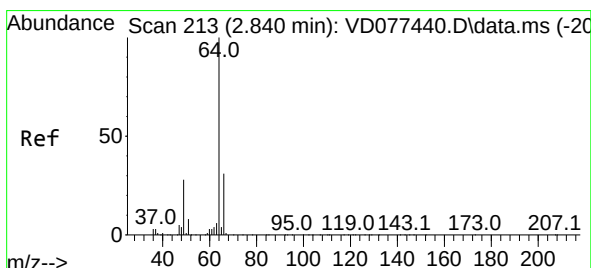
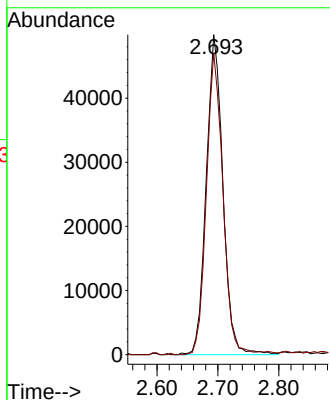
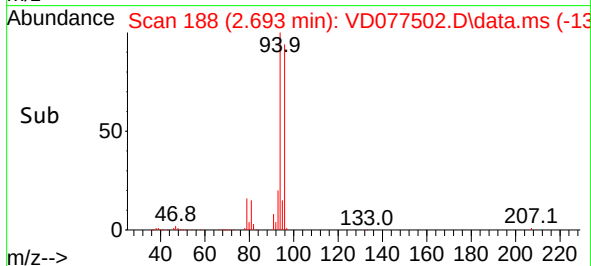
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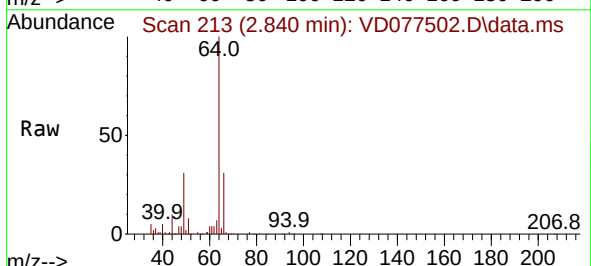
Tgt Ion: 94 Resp: 95090
Ion Ratio Lower Upper
94 100
96 93.0 75.8 113.8

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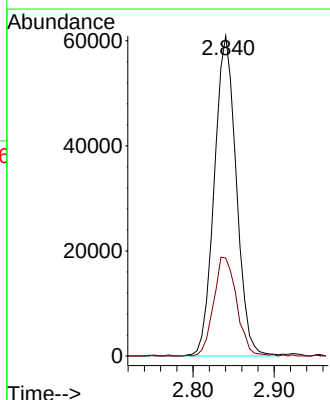
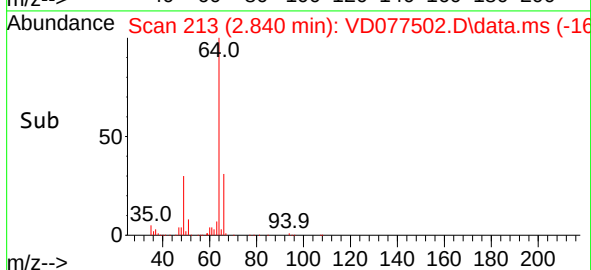
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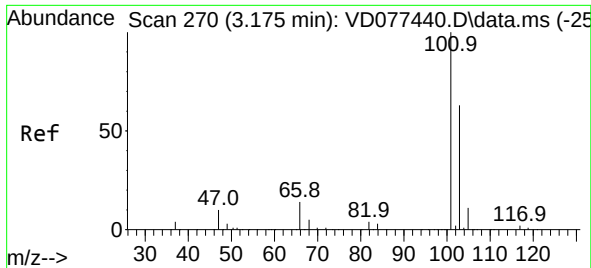


#6
Chloroethane
Concen: 62.004 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38



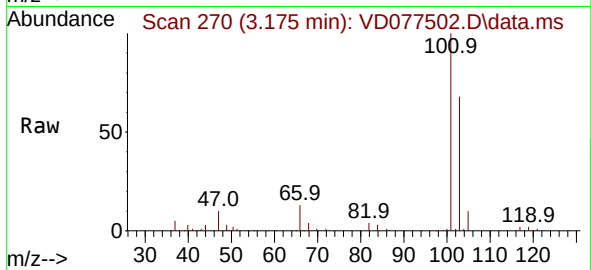
Tgt Ion: 64 Resp: 114582
Ion Ratio Lower Upper
64 100
66 30.6 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 46.002 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077502.D
 Acq: 03 Nov 2023 18:38

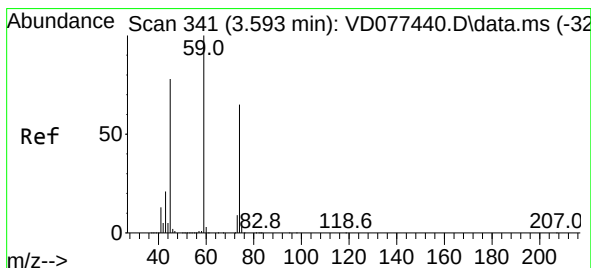
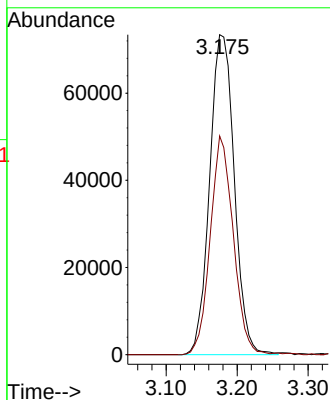
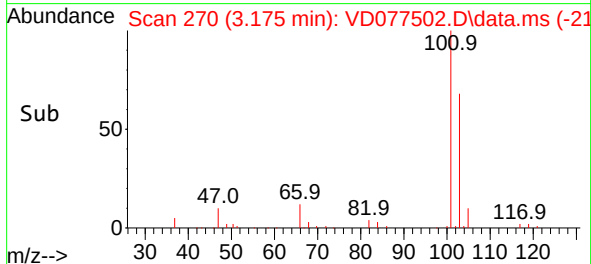
Instrument :
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Tgt Ion:101 Resp: 17682
 Ion Ratio Lower Upper
 101 100
 103 68.3 52.3 78.5

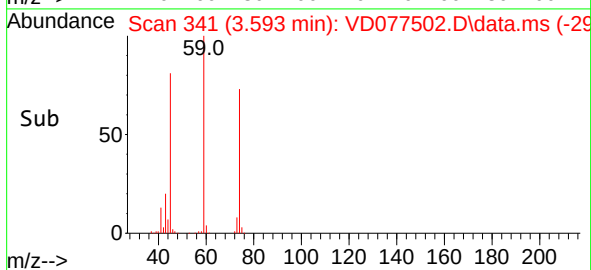
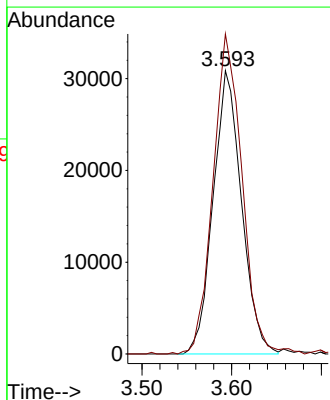
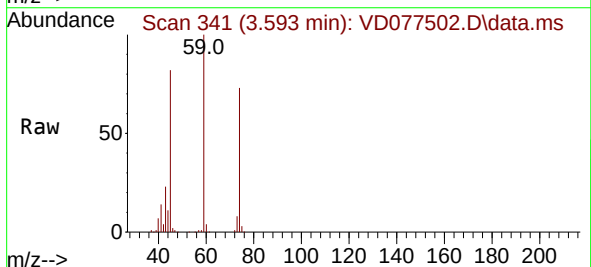
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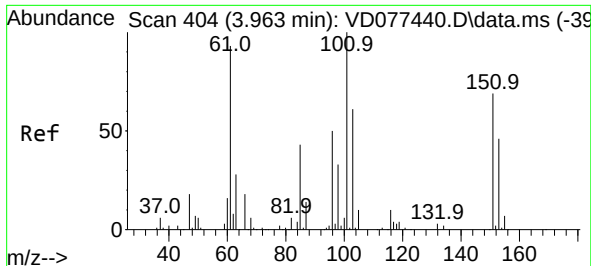
Reviewed By :John Carlone 11/06/2023
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#8
 Diethyl Ether
 Concen: 49.083 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD077502.D
 Acq: 03 Nov 2023 18:38

Tgt Ion: 74 Resp: 67818
 Ion Ratio Lower Upper
 74 100
 45 115.3 37.5 112.7#





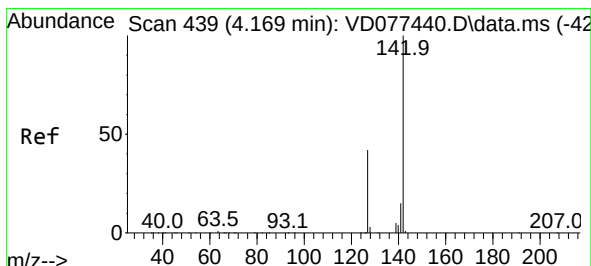
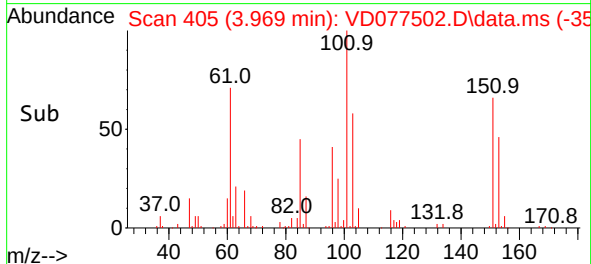
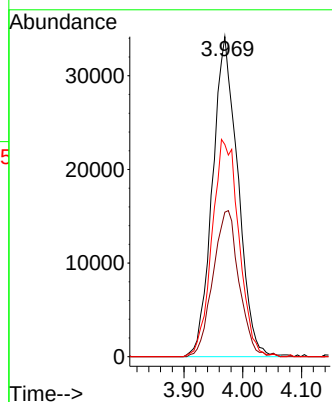
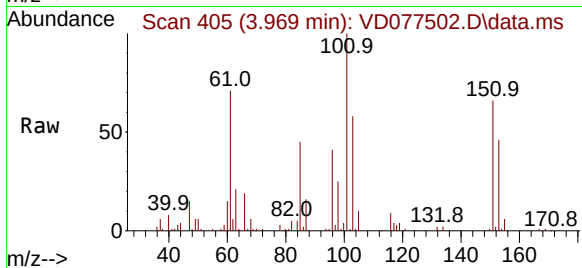
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.222 ug/l
RT: 3.969 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 10261
Ion Ratio Lower Upper
101 100
85 46.7 33.8 50.6
151 71.9 59.8 89.6

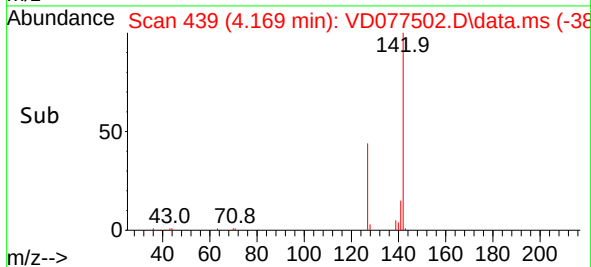
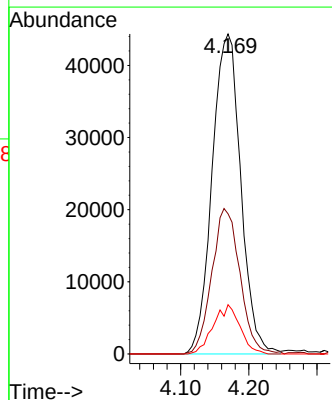
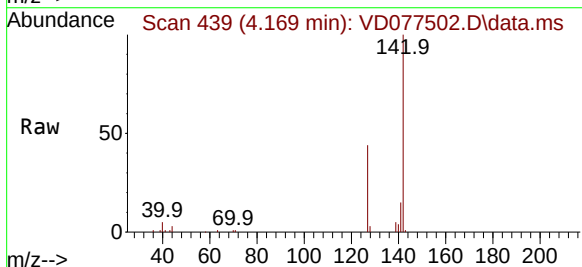
Manual Integrations
APPROVED

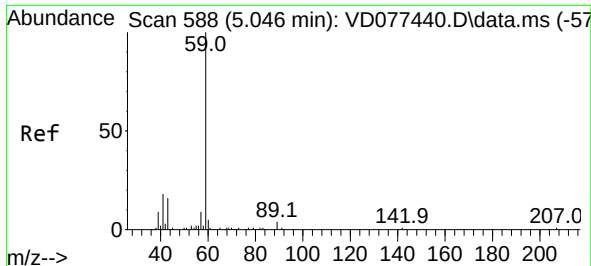
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#10
Methyl Iodide
Concen: 44.603 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

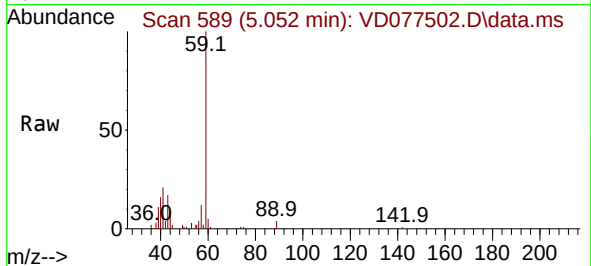
Tgt Ion:142 Resp: 129649
Ion Ratio Lower Upper
142 100
127 44.6 29.4 44.0#
141 14.4 11.1 16.7





#11
Tert butyl alcohol
Concen: 202.294 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

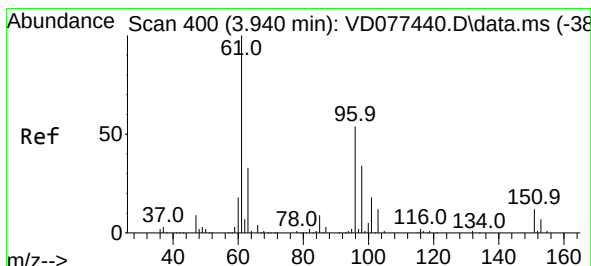
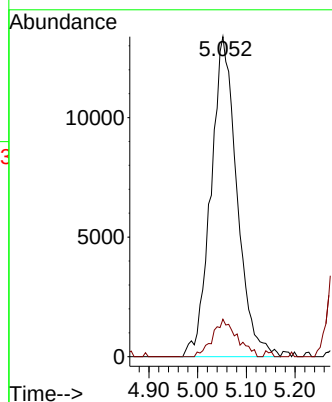
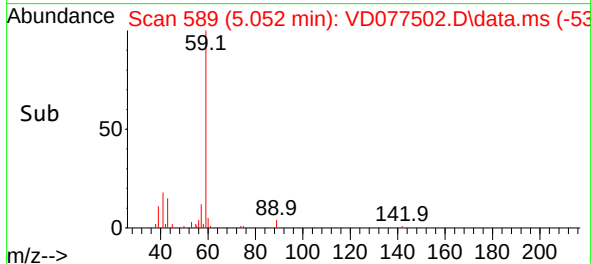
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



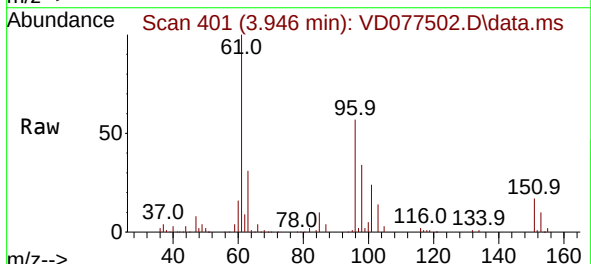
Tgt Ion: 59 Resp: 4982
Ion Ratio Lower Upper
59 100
57 10.9 7.8 11.8

Manual Integrations
APPROVED

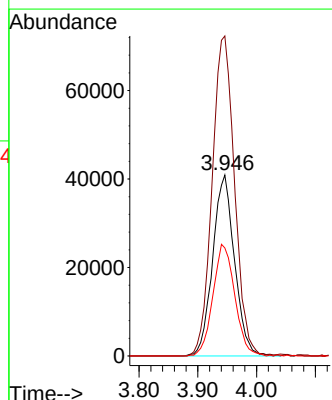
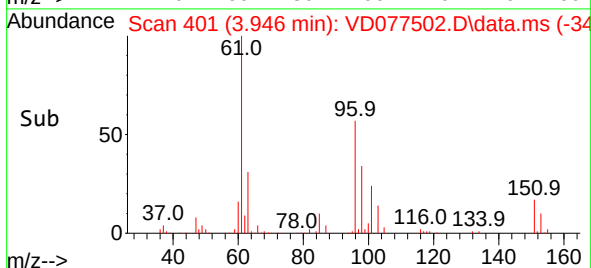
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

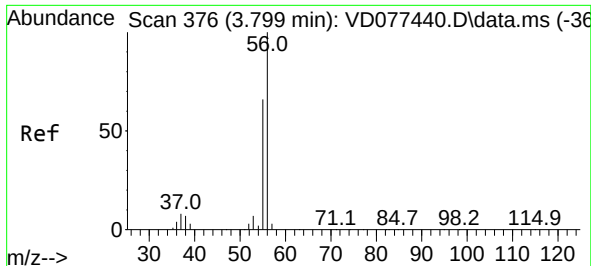


#12
1,1-Dichloroethene
Concen: 48.039 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38



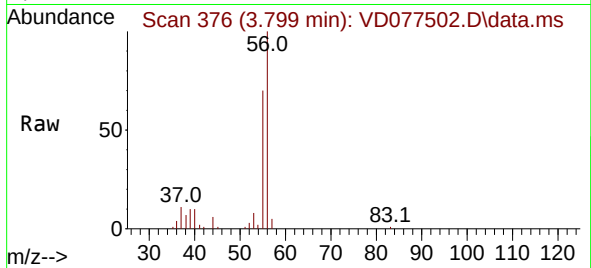
Tgt Ion: 96 Resp: 105533
Ion Ratio Lower Upper
96 100
61 176.8 100.6 150.8#
98 59.7 50.2 75.2





#13
Acrolein
Concen: 201.701 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

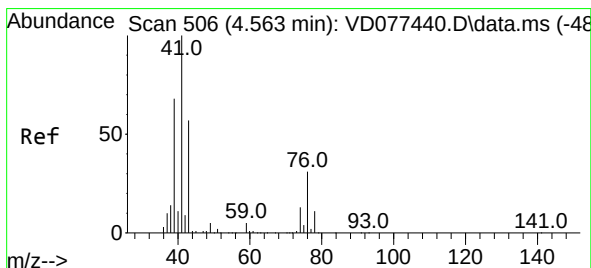
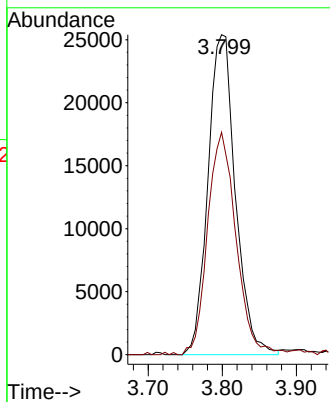
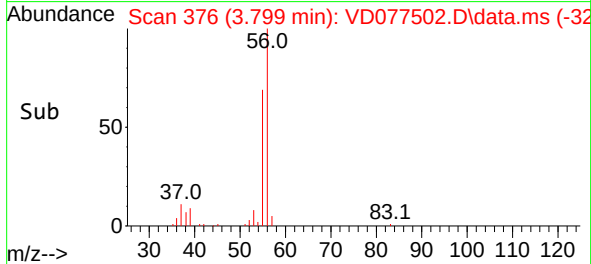
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 65508
Ion Ratio Lower Upper
56 100
55 71.7 55.1 82.7

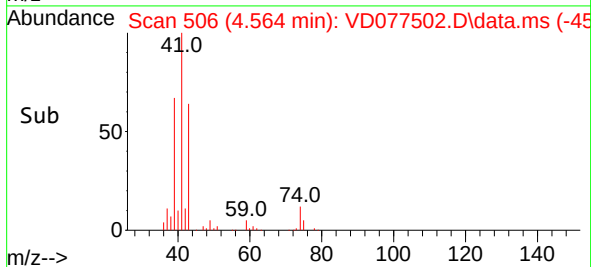
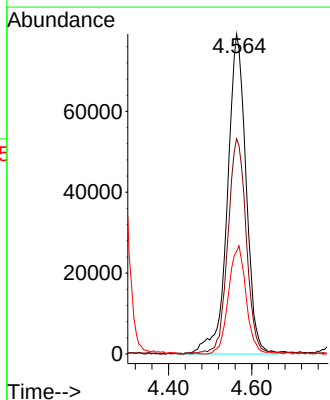
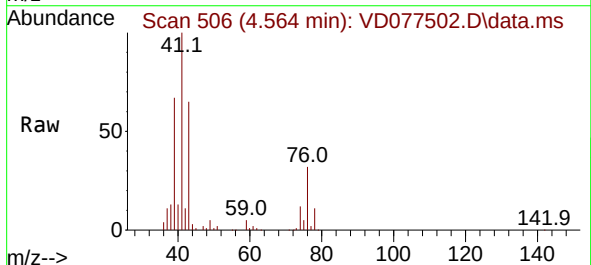
Manual Integrations
APPROVED

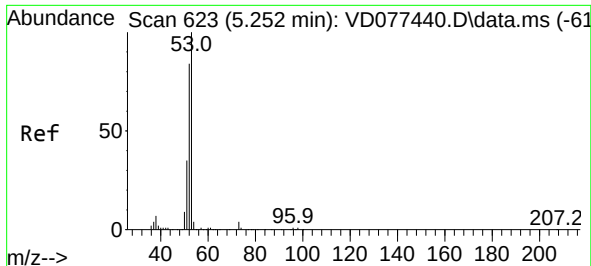
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#14
Allyl chloride
Concen: 46.484 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

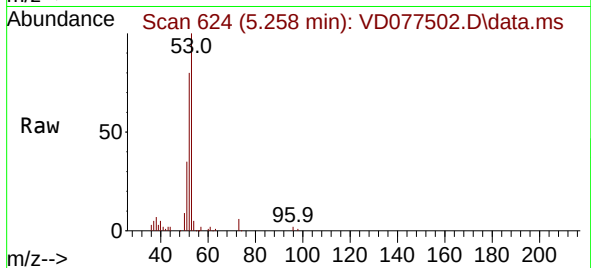
Tgt Ion: 41 Resp: 246351
Ion Ratio Lower Upper
41 100
39 66.7 53.8 80.6
76 32.1 45.8 68.8#





#15
Acrylonitrile
Concen: 250.262 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

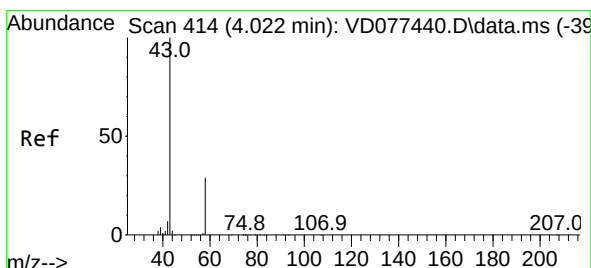
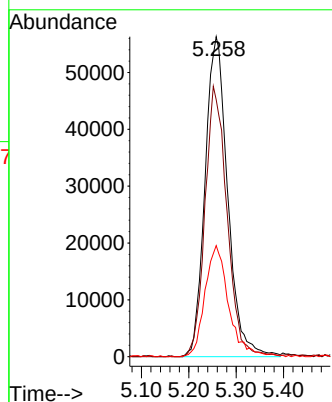
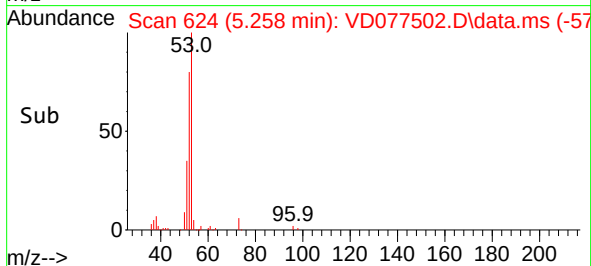
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 186924
Ion Ratio Lower Upper
53 100
52 82.1 65.0 97.4
51 36.0 28.3 42.5

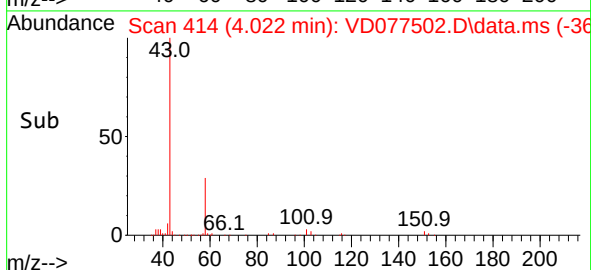
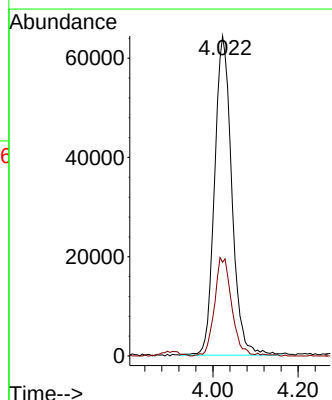
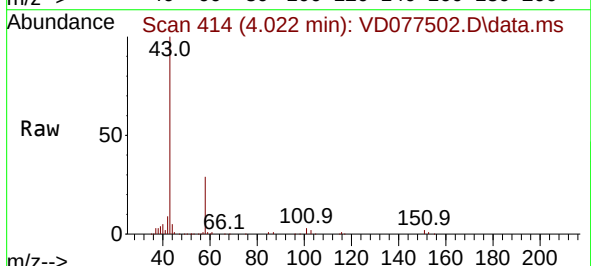
Manual Integrations
APPROVED

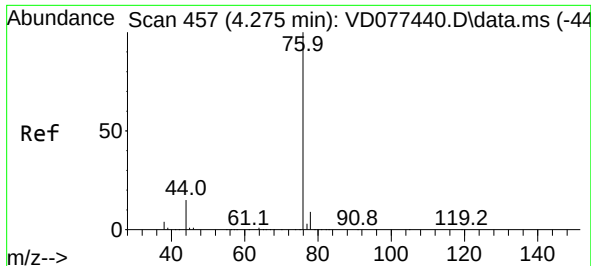
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#16
Acetone
Concen: 219.666 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

Tgt Ion: 43 Resp: 180723
Ion Ratio Lower Upper
43 100
58 29.4 34.7 52.1#





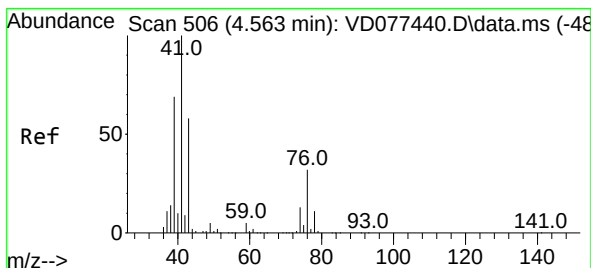
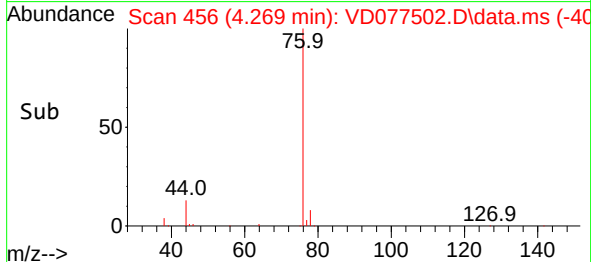
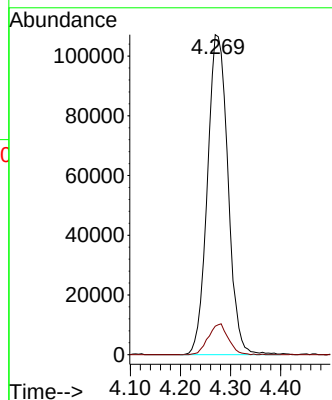
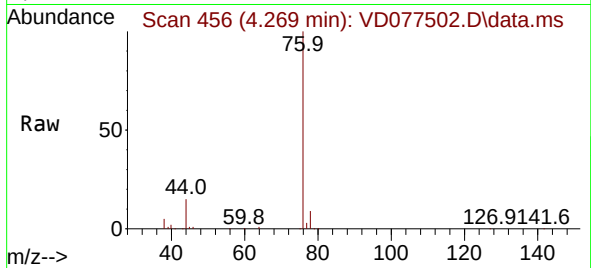
#17
Carbon Disulfide
Concen: 45.368 ug/l
RT: 4.269 min Scan# 457
Delta R.T. -0.006 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 304875
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2

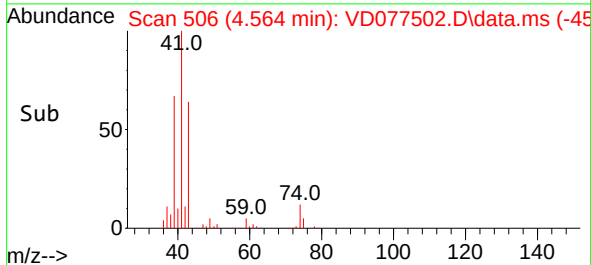
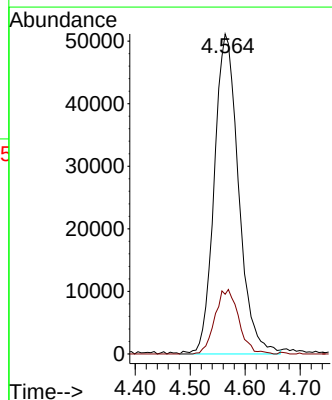
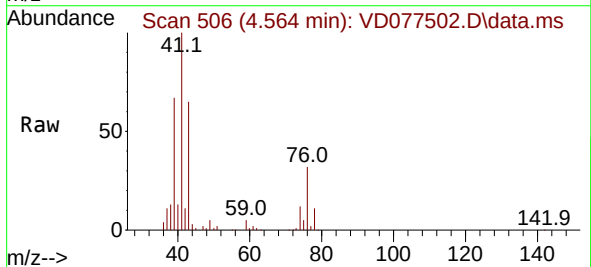
Manual Integrations
APPROVED

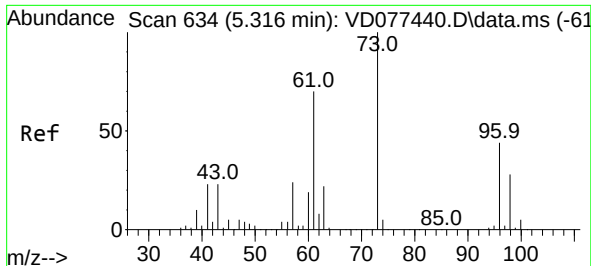
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#18
Methyl Acetate
Concen: 52.410 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

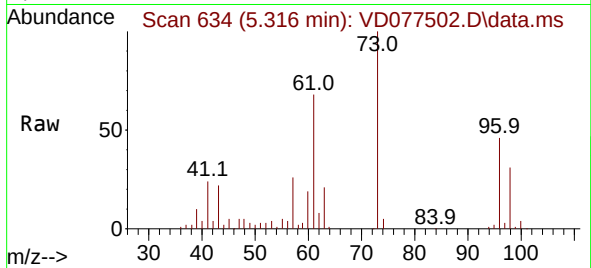
Tgt Ion: 43 Resp: 157282
Ion Ratio Lower Upper
43 100
74 19.7 26.4 39.6#





#19
Methyl tert-butyl Ether
Concen: 47.636 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

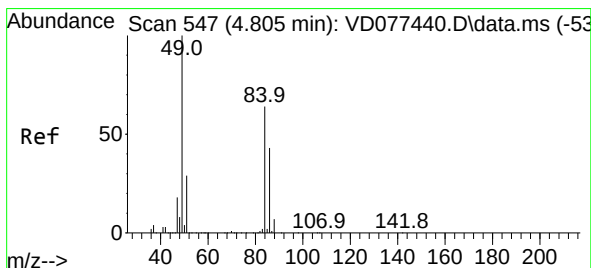
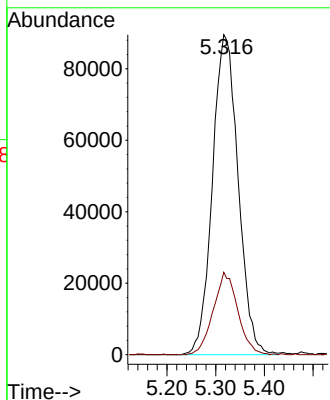
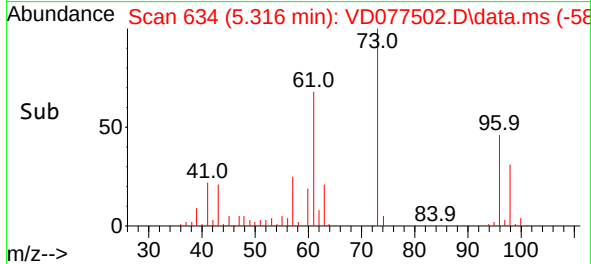
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 32848
Ion Ratio Lower Upper
73 100
57 25.7 16.6 25.0

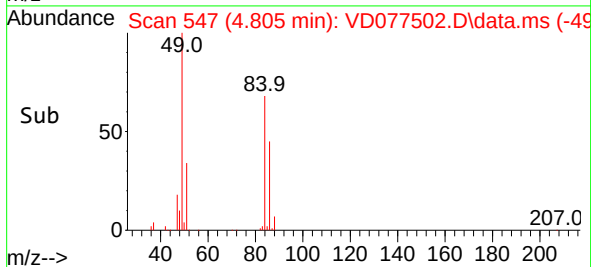
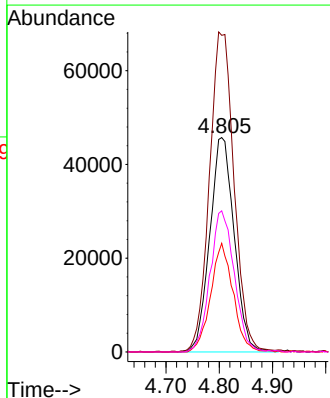
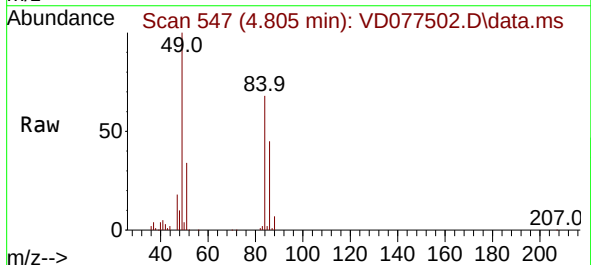
Manual Integrations
APPROVED

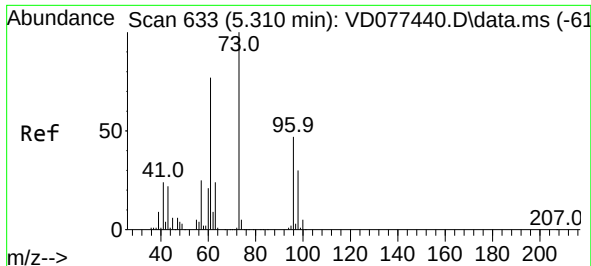
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#20
Methylene Chloride
Concen: 46.997 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

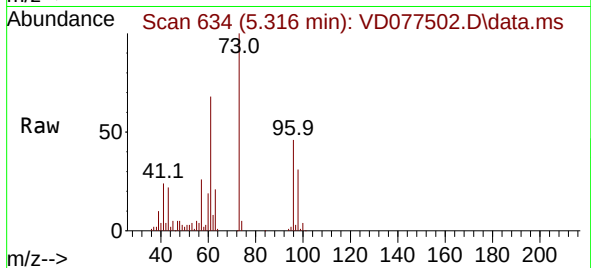
Tgt Ion: 84 Resp: 145805
Ion Ratio Lower Upper
84 100
49 147.7 71.4 107.2#
51 50.6 24.5 36.7#
86 65.8 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 48.795 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

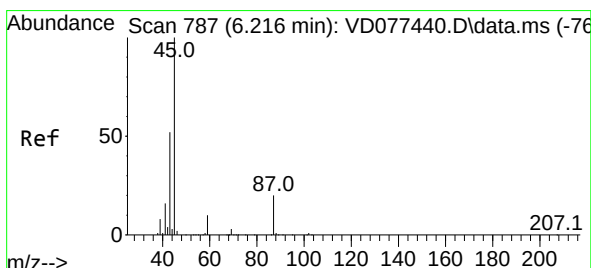
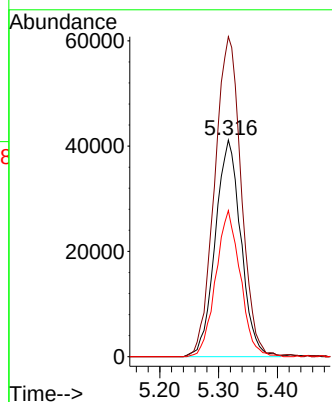
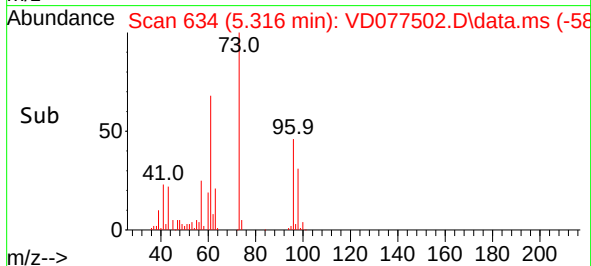
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 12484
Ion Ratio Lower Upper
96 100
61 147.7 89.3 133.9
98 67.4 48.6 73.0

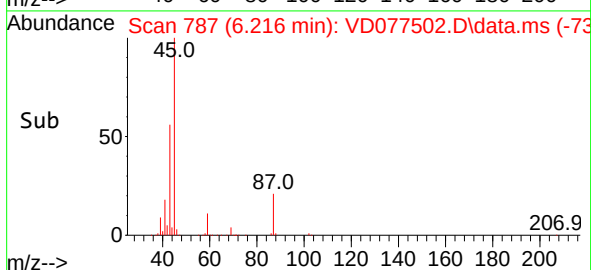
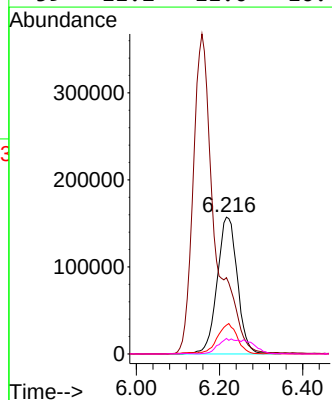
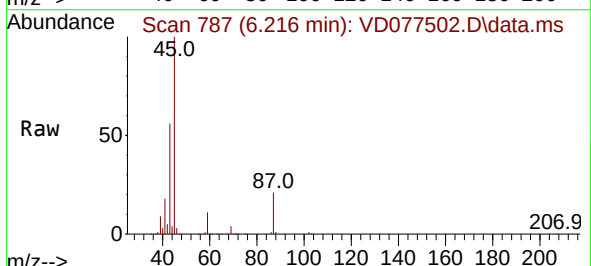
Manual Integrations
APPROVED

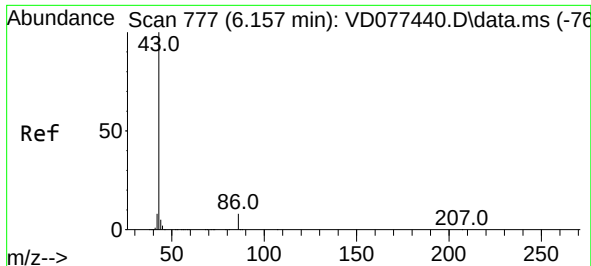
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#22
Diisopropyl ether
Concen: 47.129 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

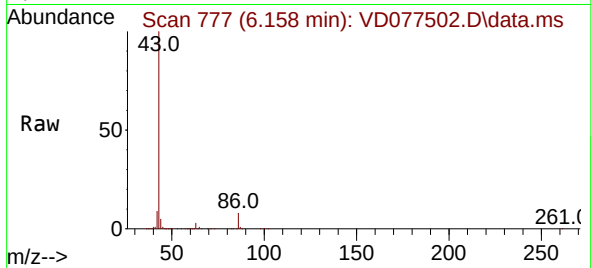
Tgt Ion: 45 Resp: 530847
Ion Ratio Lower Upper
45 100
43 54.9 40.0 60.0
87 21.1 28.2 42.4
59 11.2 11.0 16.4





#23
 Vinyl Acetate
 Concen: 236.140 ug/l m
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD077502.D
 Acq: 03 Nov 2023 18:38

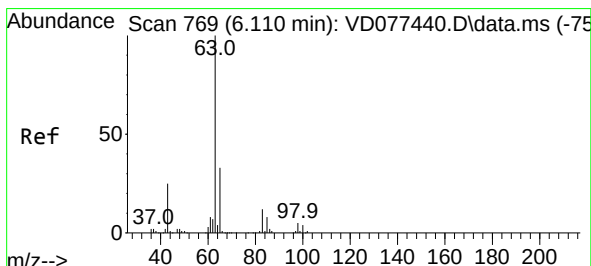
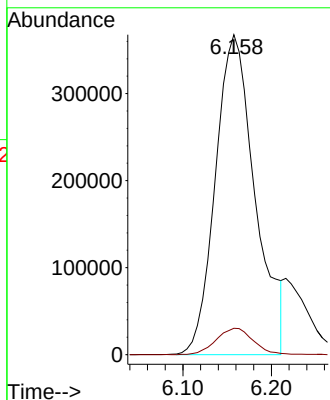
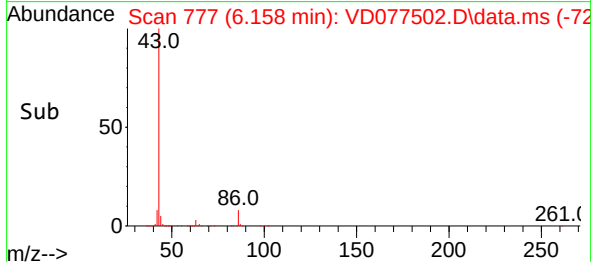
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



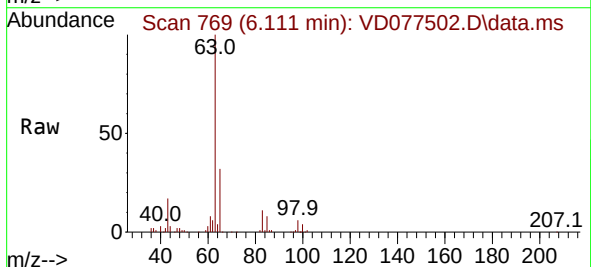
Tgt Ion: 43 Resp: 114748
 Ion Ratio Lower Upper
 43 100
 86 8.3 12.5 18.7

Manual Integrations
 APPROVED

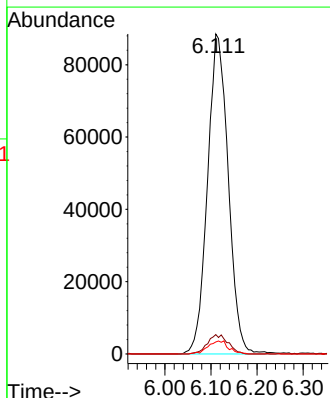
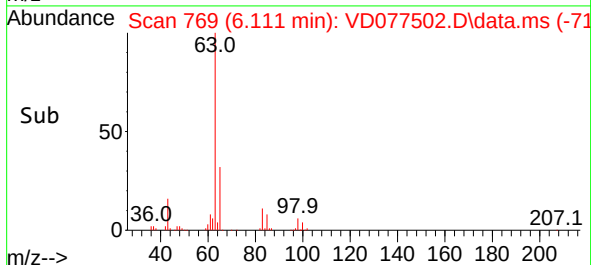
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023

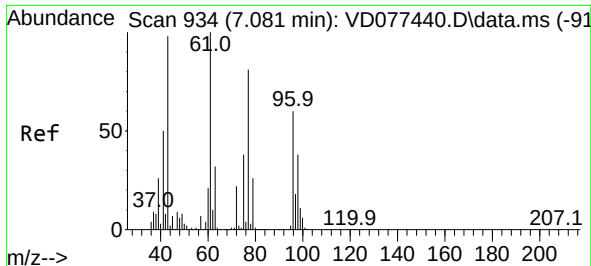


#24
 1,1-Dichloroethane
 Concen: 47.341 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077502.D
 Acq: 03 Nov 2023 18:38



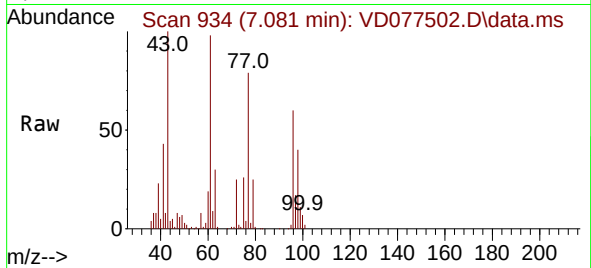
Tgt Ion: 63 Resp: 276683
 Ion Ratio Lower Upper
 63 100
 98 6.1 4.5 13.7
 100 3.8 2.5 7.5





#25
2-Butanone
Concen: 227.928 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

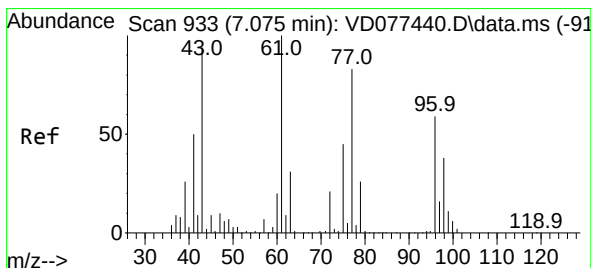
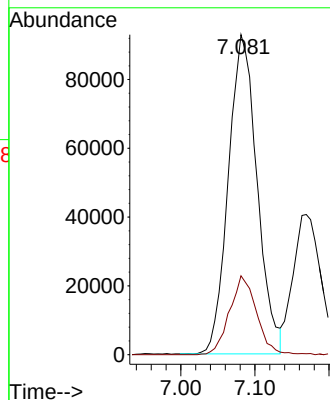
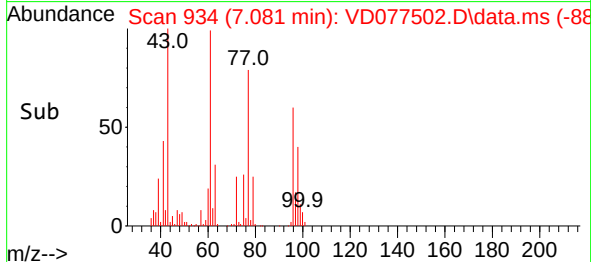
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



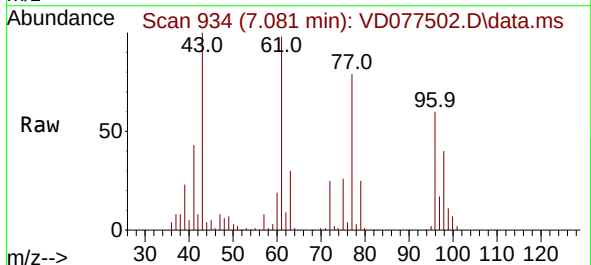
Tgt Ion: 43 Resp: 25012
Ion Ratio Lower Upper
43 100
72 24.7 30.7 46.1

Manual Integrations
APPROVED

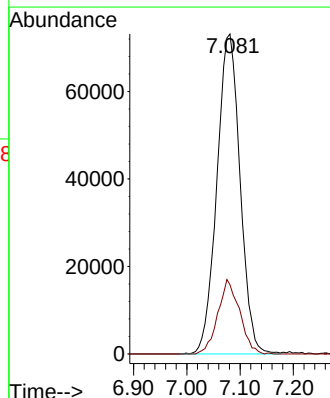
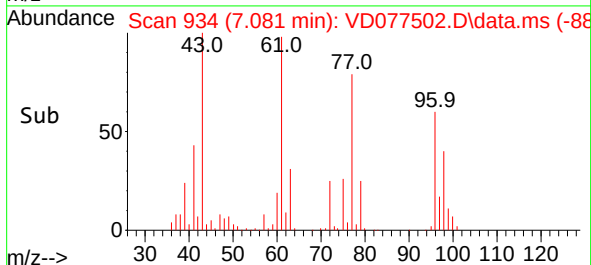
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

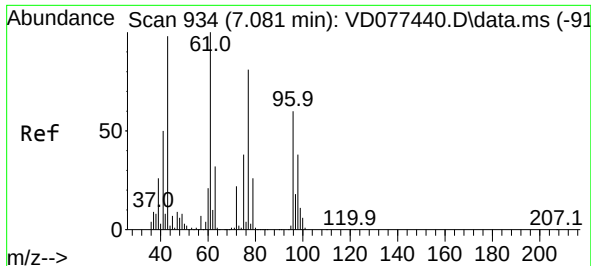


#26
2,2-Dichloropropane
Concen: 42.711 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38



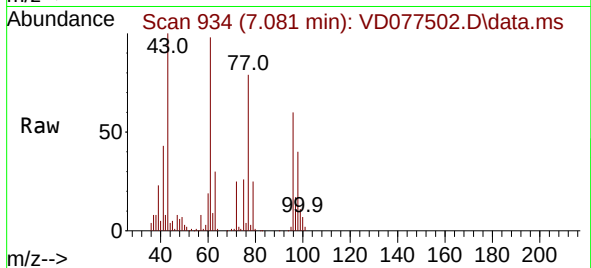
Tgt Ion: 77 Resp: 221221
Ion Ratio Lower Upper
77 100
97 21.8 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 48.031 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077502.D
 Acq: 03 Nov 2023 18:38

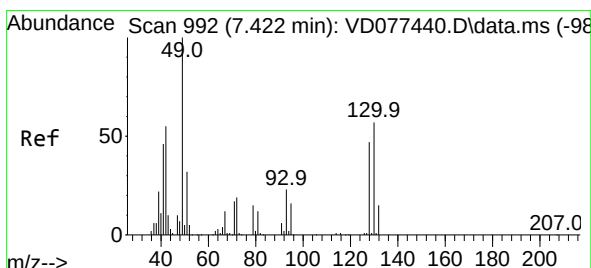
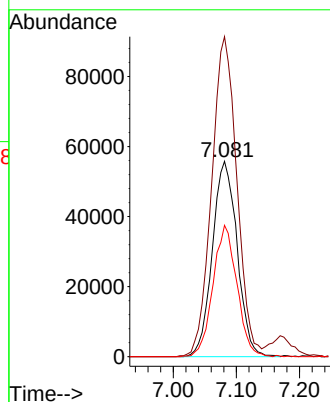
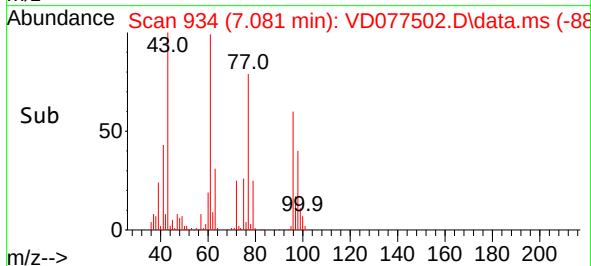
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 152244
 Ion Ratio Lower Upper
 96 100
 61 166.3 0.0 239.2
 98 64.8 0.0 128.6

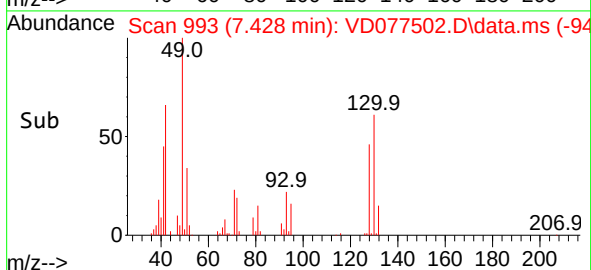
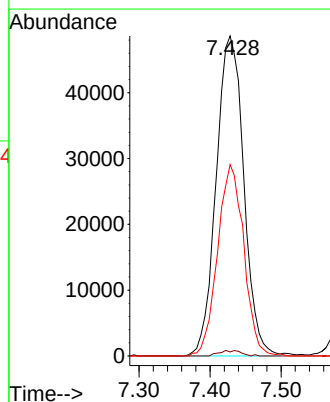
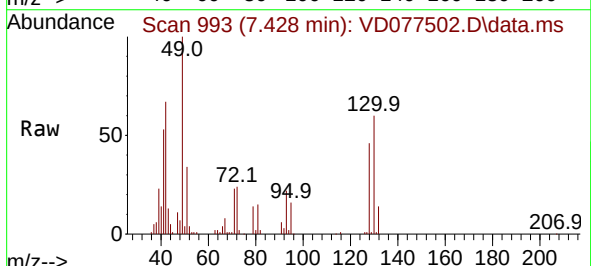
Manual Integrations
 APPROVED

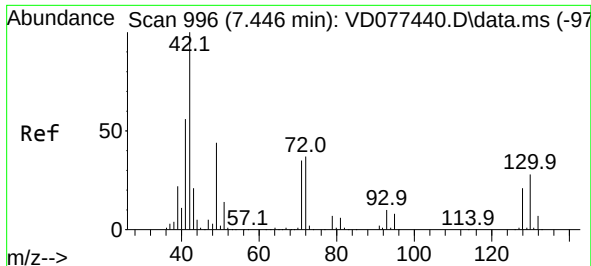
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023



#28
 Bromochloromethane
 Concen: 49.446 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077502.D
 Acq: 03 Nov 2023 18:38

Tgt Ion: 49 Resp: 130950
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 6.0
 130 56.9 83.2 124.8#





#29

Tetrahydrofuran

Concen: 243.263 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD077502.D

Acq: 03 Nov 2023 18:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 158325

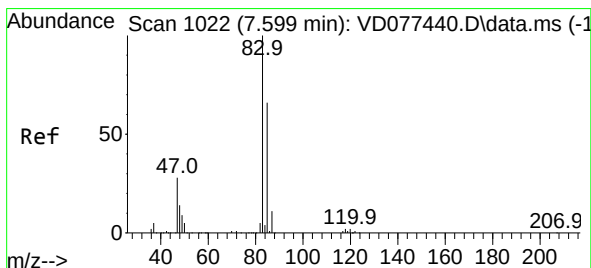
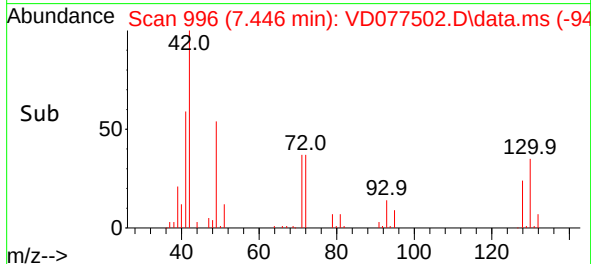
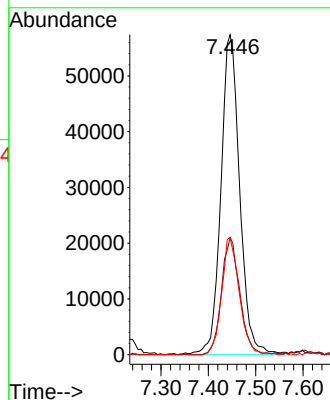
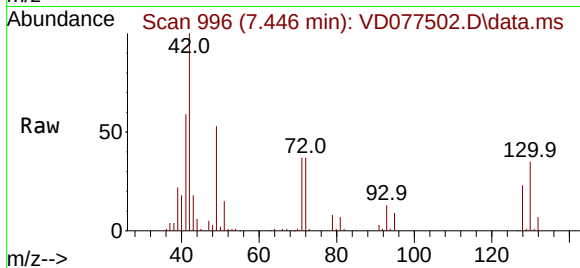
Ion	Ratio	Lower	Upper
42	100		
72	35.4	46.5	69.7
71	34.6	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#30

Chloroform

Concen: 47.823 ug/l

RT: 7.599 min Scan# 1022

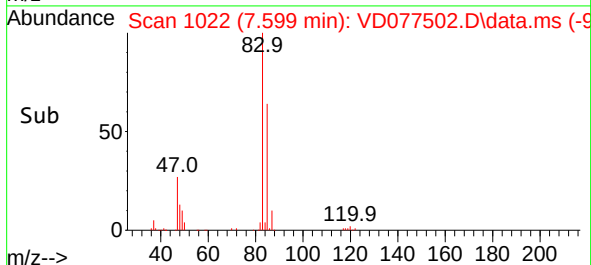
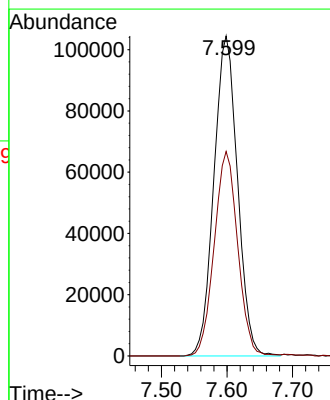
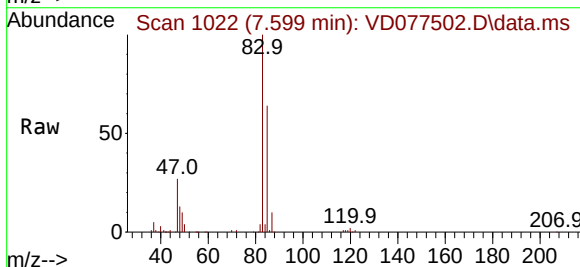
Delta R.T. 0.000 min

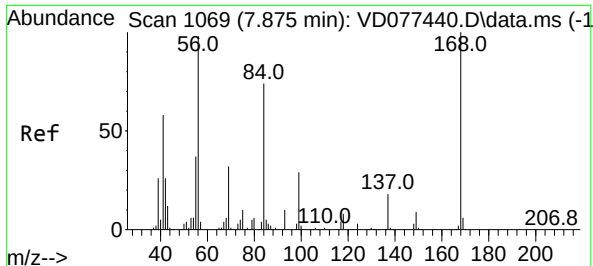
Lab File: VD077502.D

Acq: 03 Nov 2023 18:38

Tgt Ion: 83 Resp: 260969

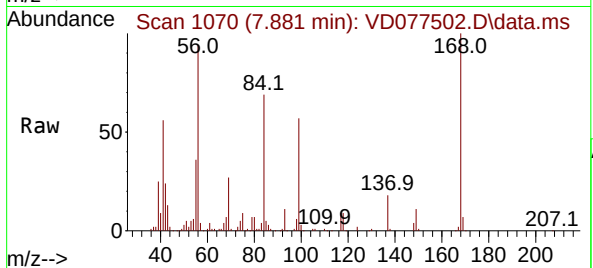
Ion	Ratio	Lower	Upper
83	100		
85	63.9	53.4	80.2





#31
Cyclohexane
Concen: 45.499 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

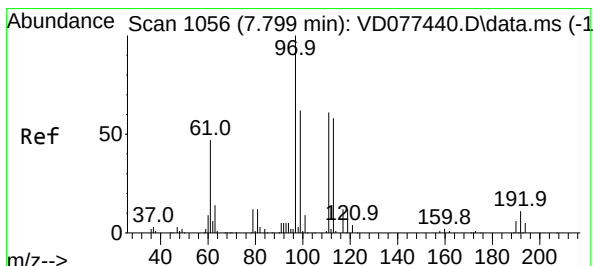
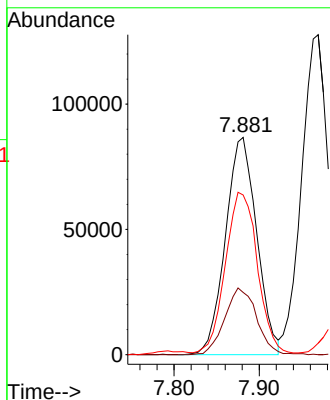
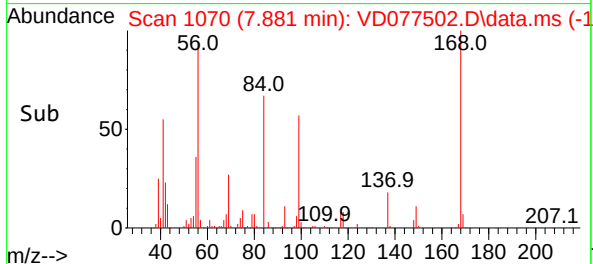
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



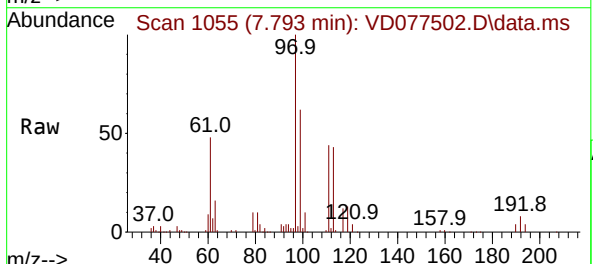
Tgt Ion: 56 Resp: 22114
Ion Ratio Lower Upper
56 100
69 28.6 28.6 43.0
84 72.2 84.8 127.2

Manual Integrations
APPROVED

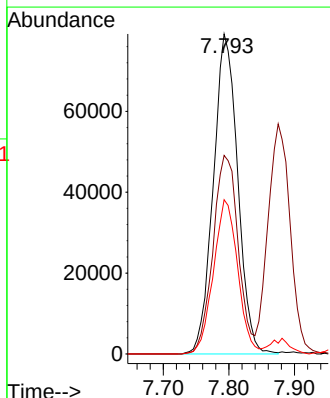
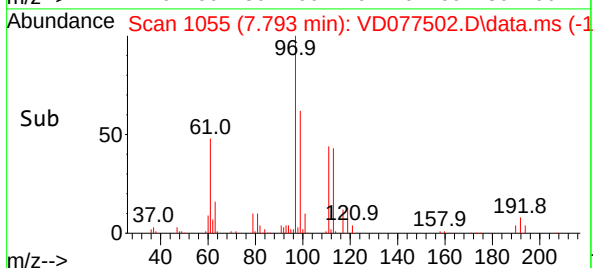
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

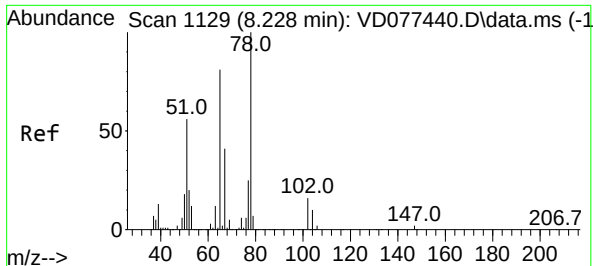


#32
1,1,1-Trichloroethane
Concen: 45.454 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38



Tgt Ion: 97 Resp: 204367
Ion Ratio Lower Upper
97 100
99 64.3 52.0 78.0
61 47.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 47.520 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077502.D

Acq: 03 Nov 2023 18:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 147740

Ion Ratio Lower Upper

65 100

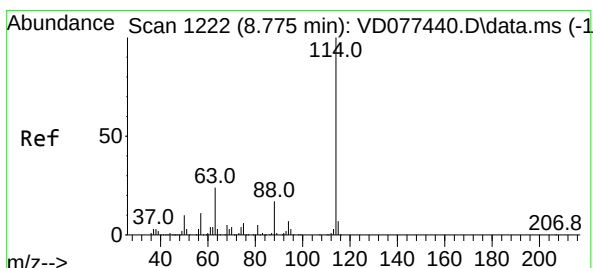
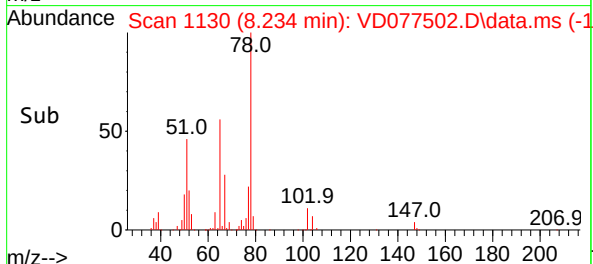
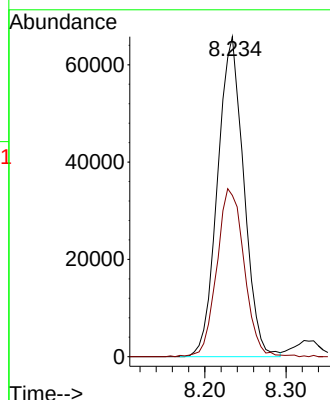
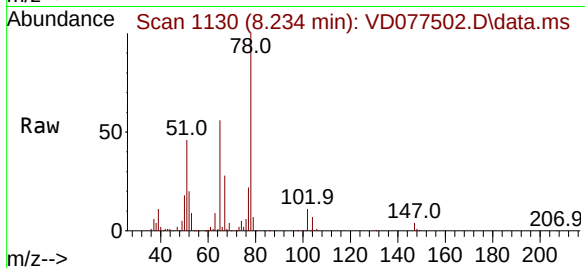
67 54.8 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077502.D

Acq: 03 Nov 2023 18:38

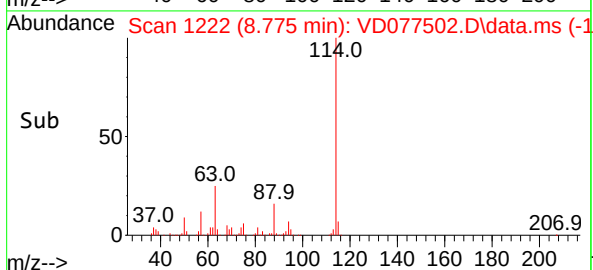
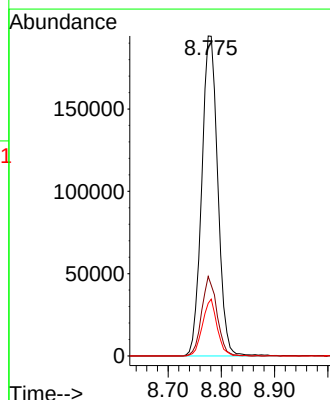
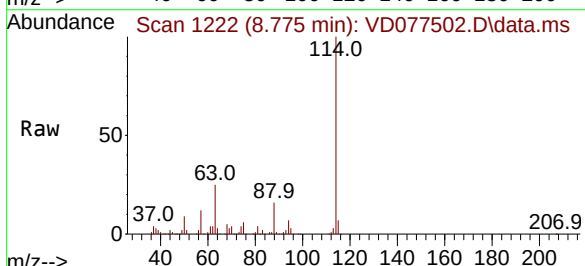
Tgt Ion:114 Resp: 406828

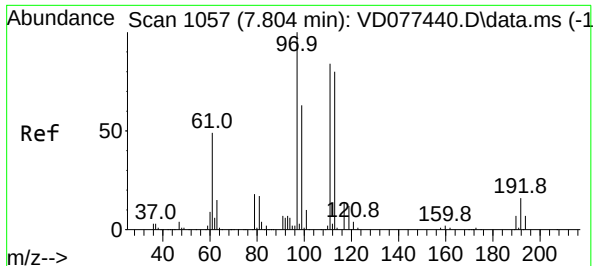
Ion Ratio Lower Upper

114 100

63 24.9 0.0 33.4

88 16.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 45.002 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077502.D

Acq: 03 Nov 2023 18:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 126538

Ion Ratio Lower Upper

113 100

111 104.0 84.7 127.1

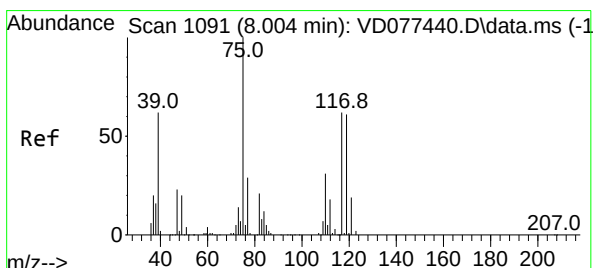
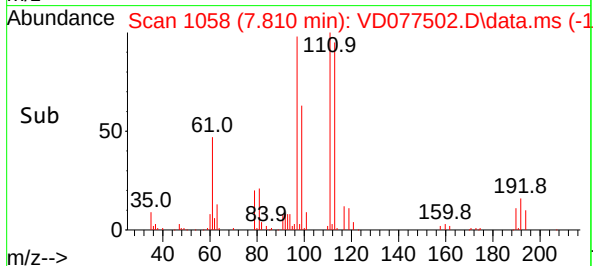
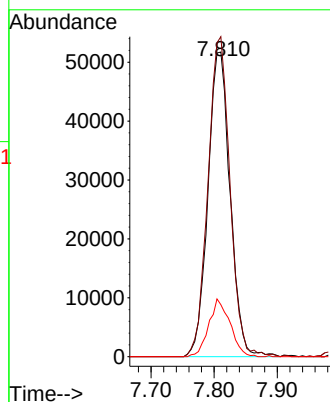
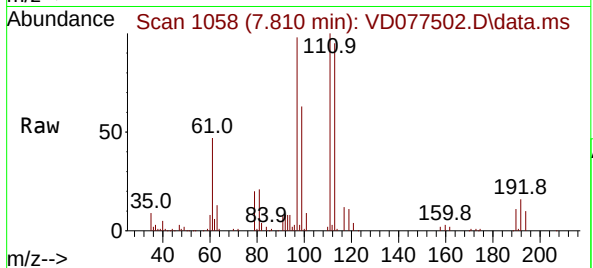
192 18.2 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#36

1,1-Dichloropropene

Concen: 44.981 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD077502.D

Acq: 03 Nov 2023 18:38

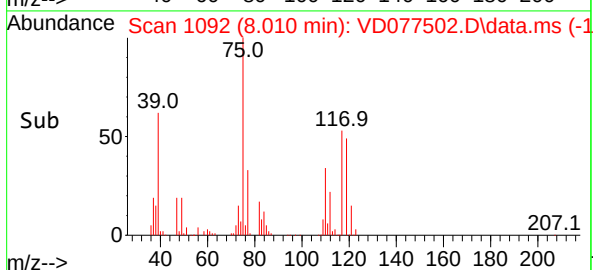
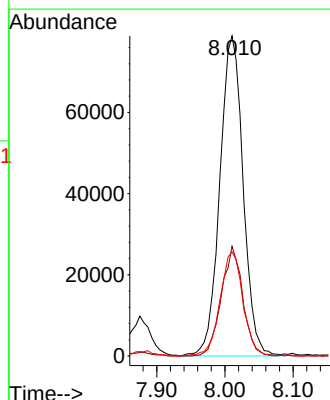
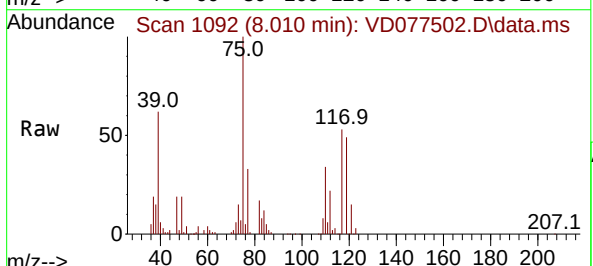
Tgt Ion: 75 Resp: 187526

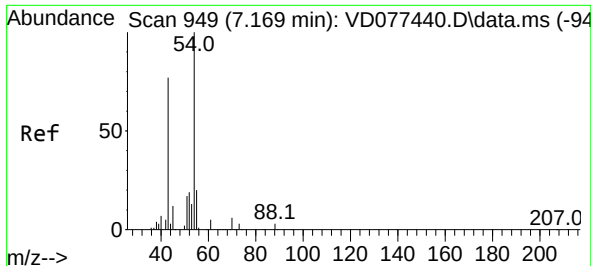
Ion Ratio Lower Upper

75 100

110 31.5 19.9 59.6

77 31.9 24.7 37.1





#37

Ethyl Acetate

Concen: 45.680 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD077502.D

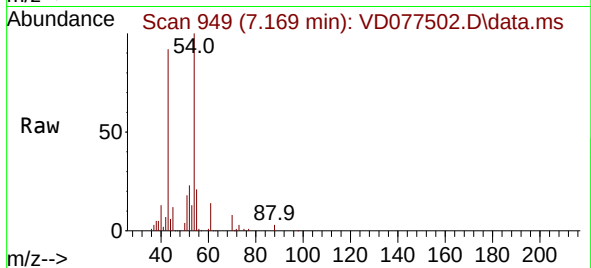
Acq: 03 Nov 2023 18:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



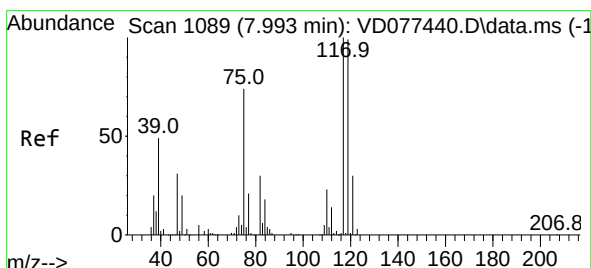
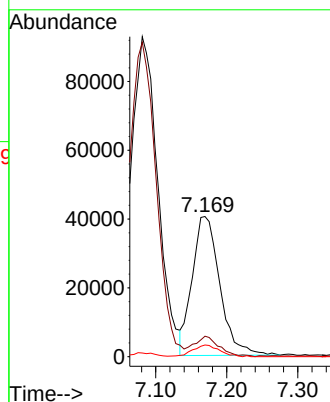
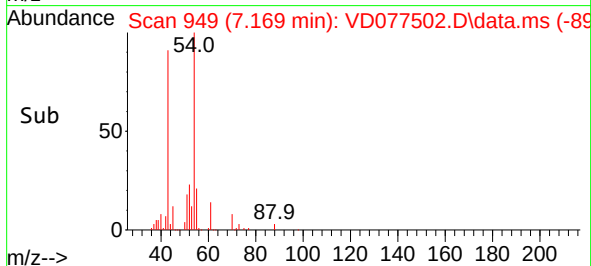
Tgt Ion:	43	Resp:	10929
Ion Ratio	Lower	Upper	
43	100		
61	13.6	14.9	22.3
70	8.2	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#38

Carbon Tetrachloride

Concen: 43.892 ug/l

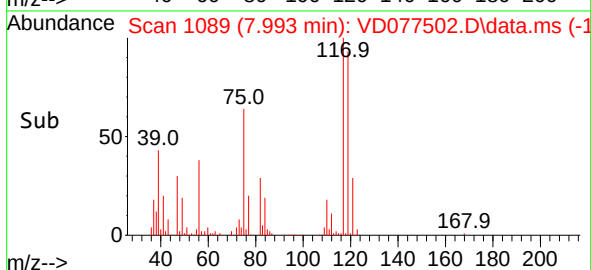
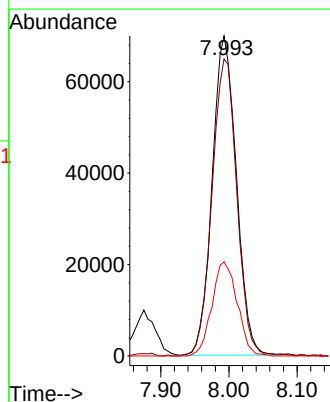
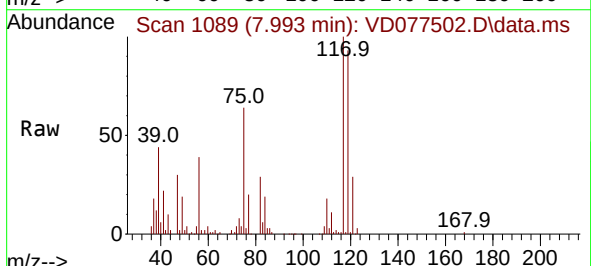
RT: 7.993 min Scan# 1089

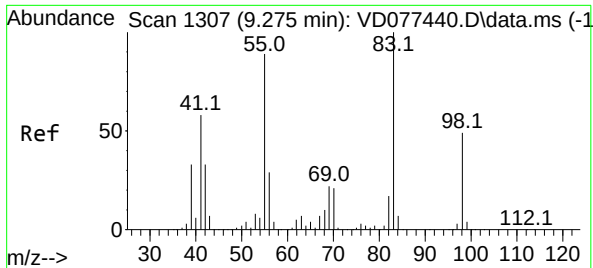
Delta R.T. 0.000 min

Lab File: VD077502.D

Acq: 03 Nov 2023 18:38

Tgt Ion:	117	Resp:	172433
Ion Ratio	Lower	Upper	
117	100		
119	93.1	78.0	117.0
121	29.5	24.2	36.2





#39

Methylcyclohexane

Concen: 45.489 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077502.D

Acq: 03 Nov 2023 18:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 21638

Ion Ratio Lower Upper

83 100

55 83.2 49.4 74.0

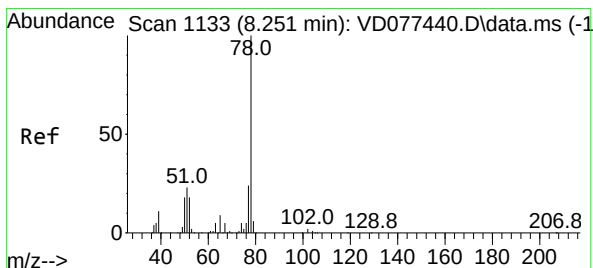
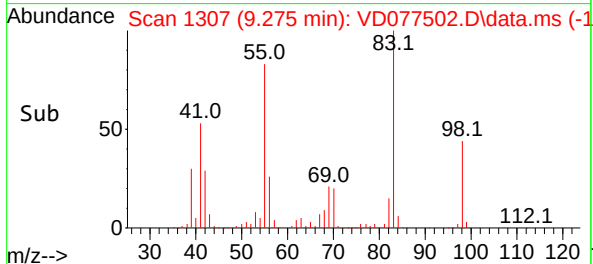
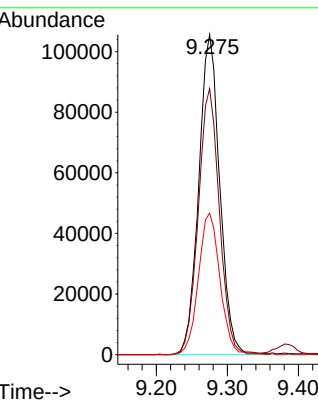
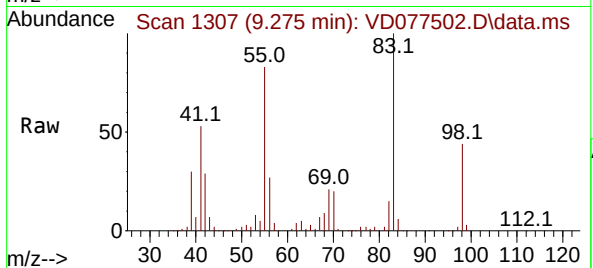
98 44.2 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#40

Benzene

Concen: 47.046 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077502.D

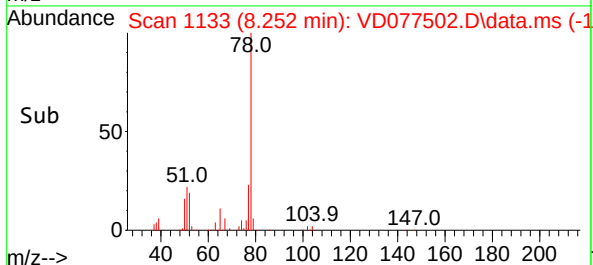
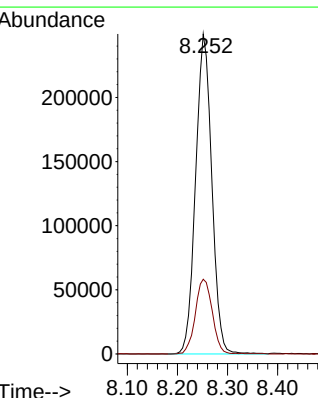
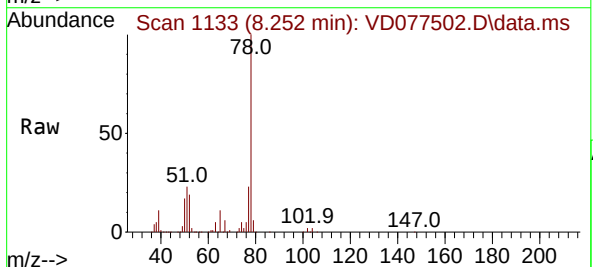
Acq: 03 Nov 2023 18:38

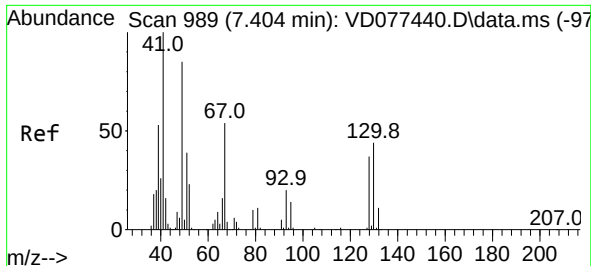
Tgt Ion: 78 Resp: 559282

Ion Ratio Lower Upper

78 100

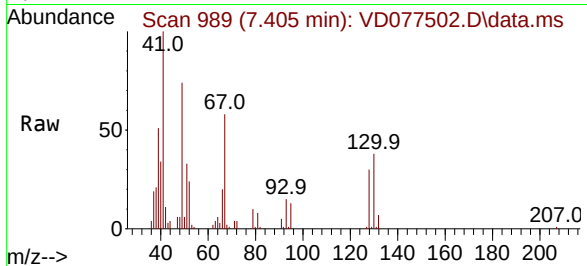
77 23.3 19.4 29.0





#41
Methacrylonitrile
Concen: 42.935 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

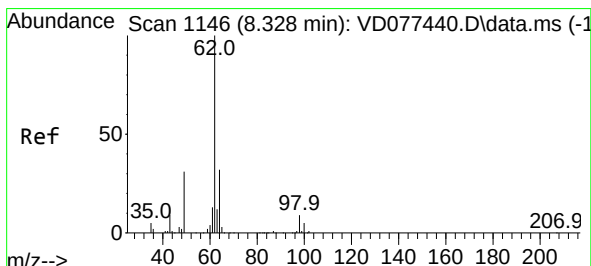
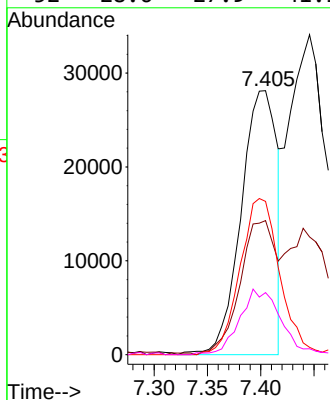
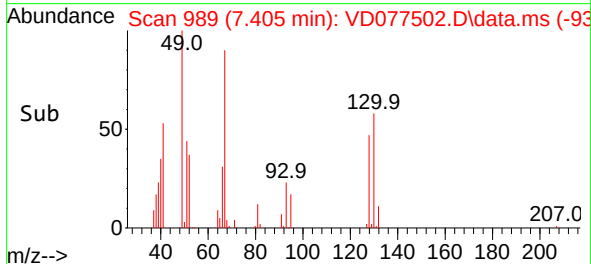
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



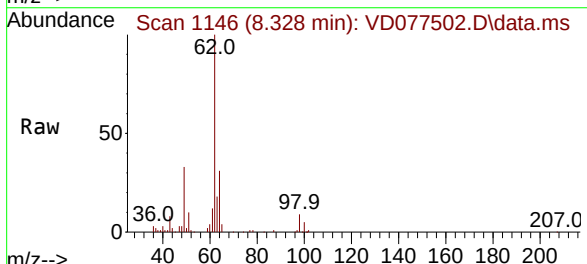
Tgt Ion: 41 Resp: 65728
Ion Ratio Lower Upper
41 100
39 50.9 34.0 51.0
67 66.1 77.0 115.4
52 28.6 27.9 41.9

Manual Integrations
APPROVED

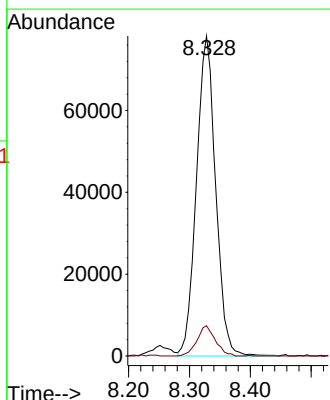
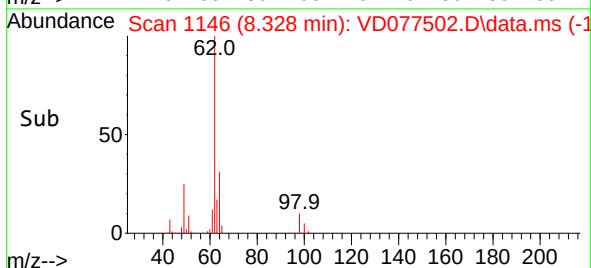
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

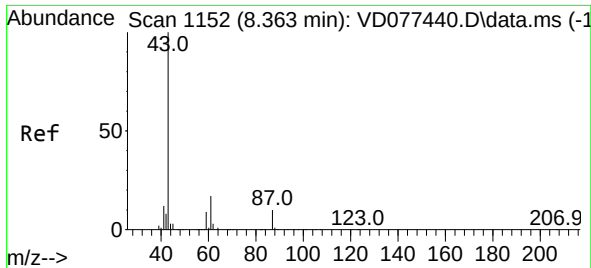


#42
1,2-Dichloroethane
Concen: 45.442 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38



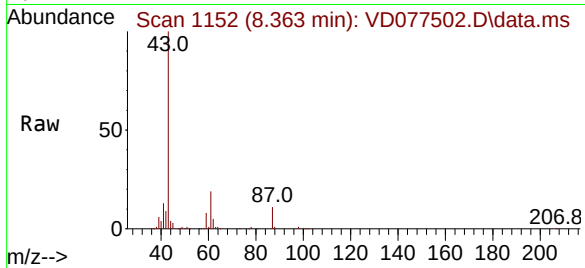
Tgt Ion: 62 Resp: 171099
Ion Ratio Lower Upper
62 100
98 9.0 0.0 25.4





#43
Isopropyl Acetate
Concen: 45.520 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

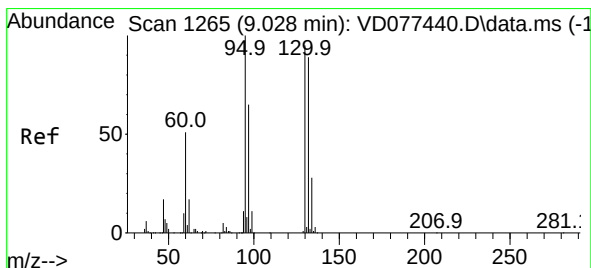
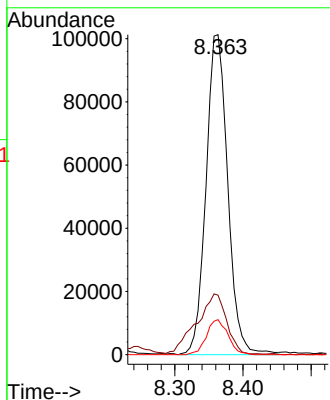
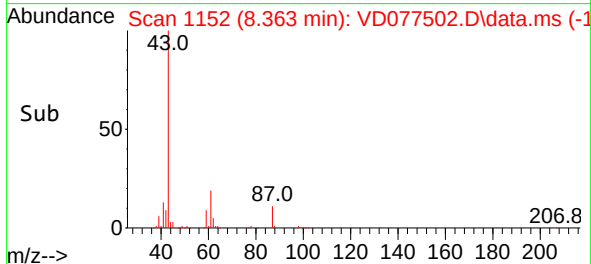
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



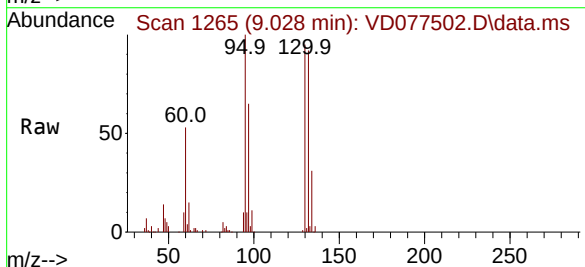
Tgt Ion: 43 Resp: 224740
Ion Ratio Lower Upper
43 100
61 26.0 31.4 47.0
87 10.8 14.9 22.3

Manual Integrations
APPROVED

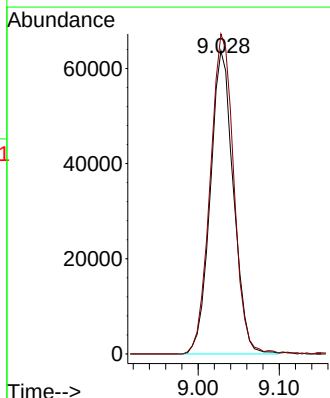
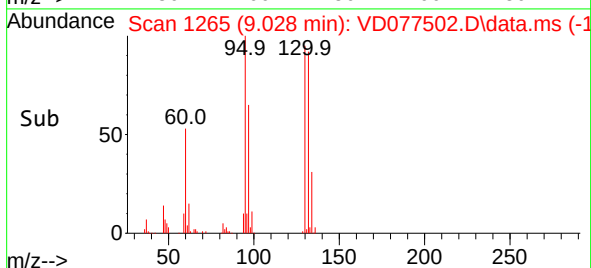
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

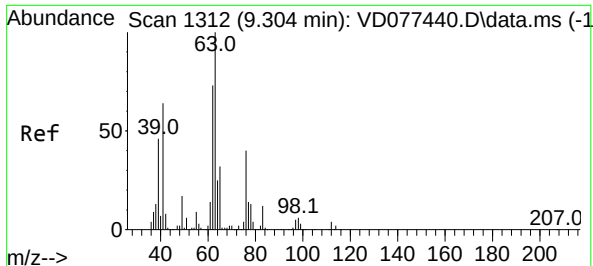


#44
Trichloroethene
Concen: 43.342 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38



Tgt Ion:130 Resp: 126211
Ion Ratio Lower Upper
130 100
95 105.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 46.123 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077502.D

Acq: 03 Nov 2023 18:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 161420

Ion Ratio Lower Upper

63 100

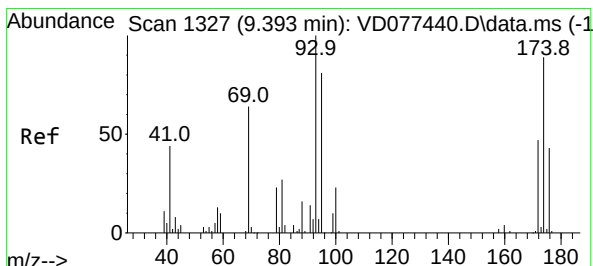
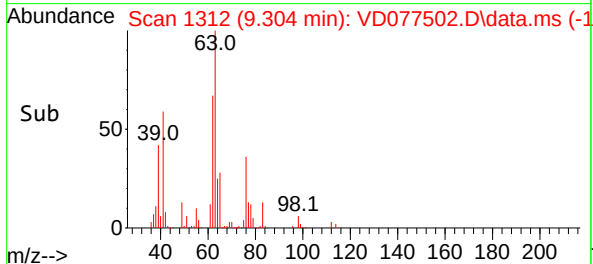
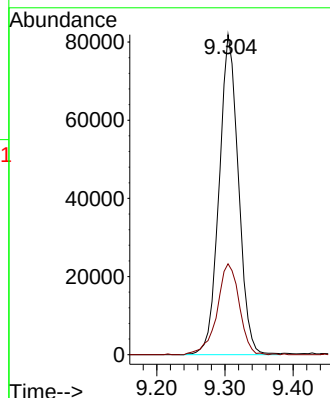
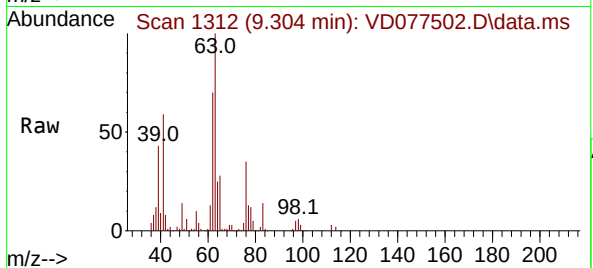
65 28.4 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#46

Dibromomethane

Concen: 44.562 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD077502.D

Acq: 03 Nov 2023 18:38

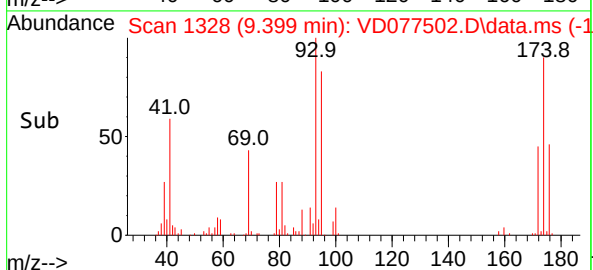
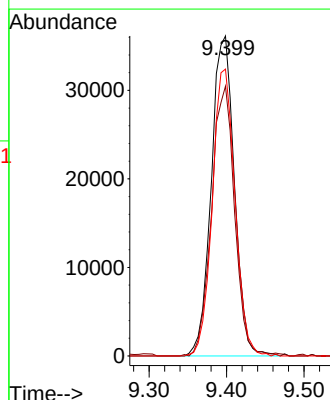
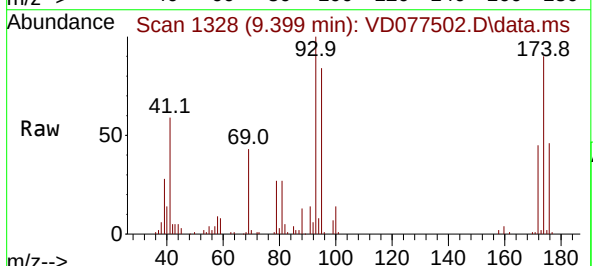
Tgt Ion: 93 Resp: 75055

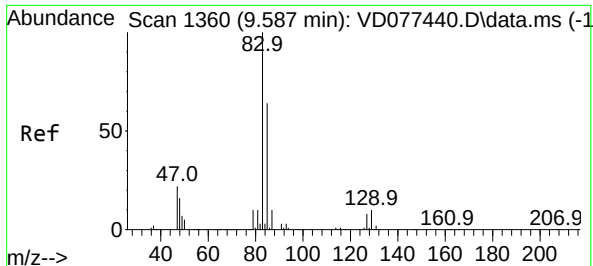
Ion Ratio Lower Upper

93 100

95 84.3 67.7 101.5

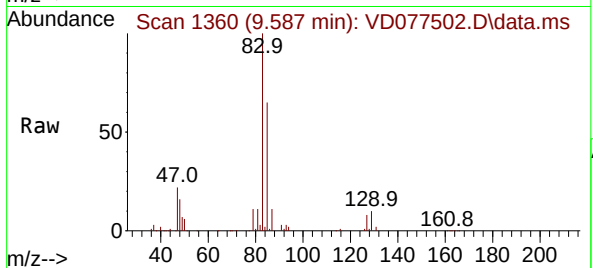
174 88.0 85.4 128.2





#47
Bromodichloromethane
Concen: 45.357 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

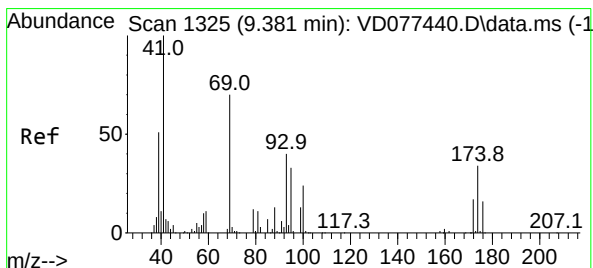
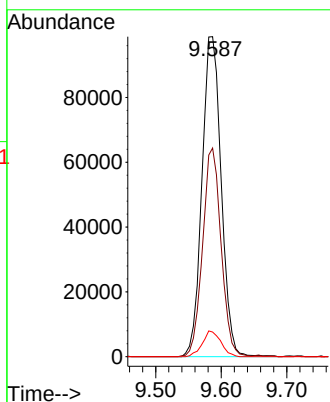
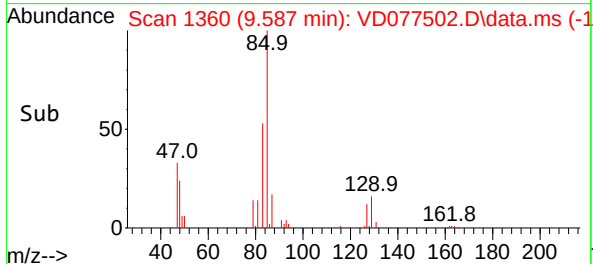
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



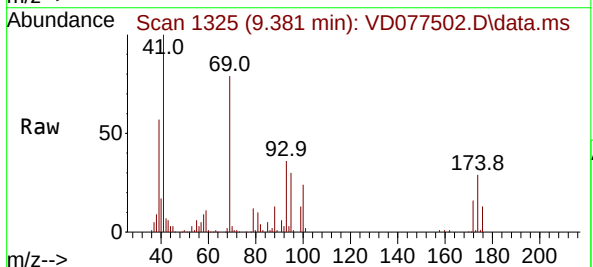
Tgt Ion: 83 Resp: 20192
Ion Ratio Lower Upper
83 100
85 65.2 50.2 75.4
127 7.7 6.3 9.5

Manual Integrations
APPROVED

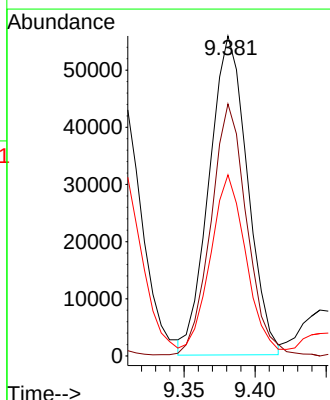
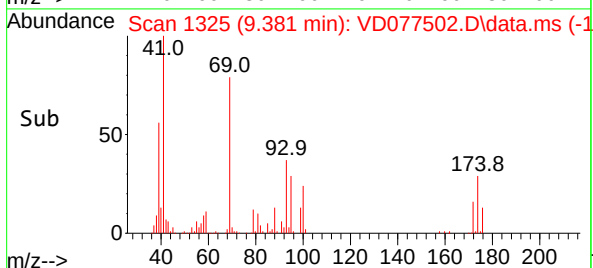
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

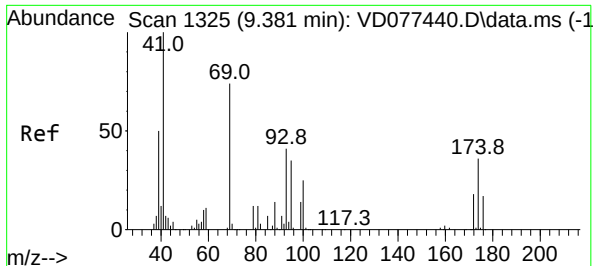


#48
Methyl methacrylate
Concen: 44.456 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38



Tgt Ion: 41 Resp: 104774
Ion Ratio Lower Upper
41 100
69 74.8 102.2 153.2#
39 54.1 41.4 62.2





#49

1,4-Dioxane

Concen: 926.715 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077502.D

Acq: 03 Nov 2023 18:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 16772

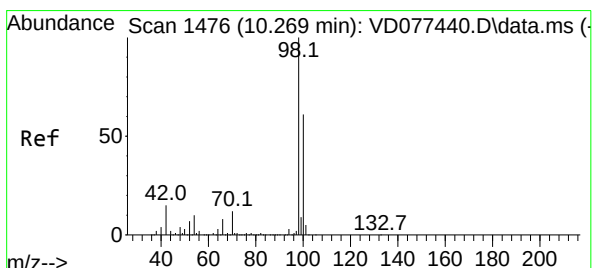
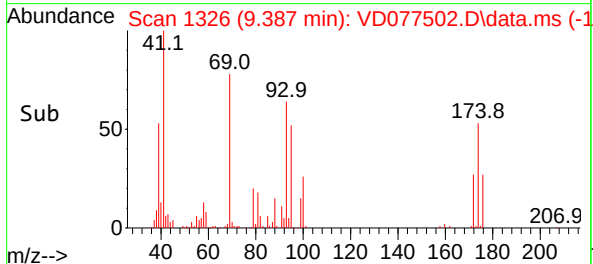
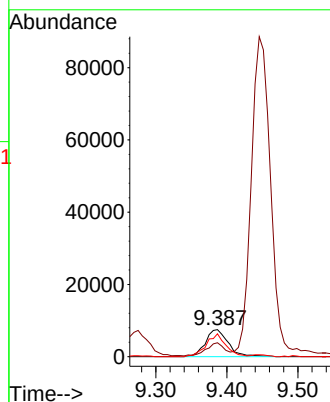
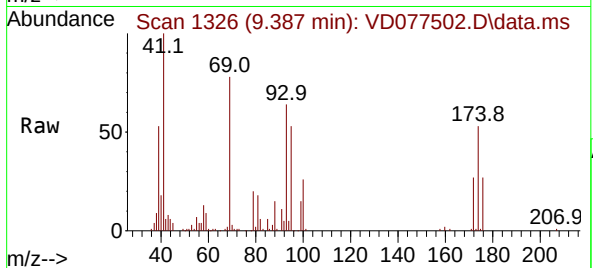
Ion	Ratio	Lower	Upper
88	100		
43	37.5	19.0	28.6
58	72.6	43.5	65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#50

Toluene-d8

Concen: 46.969 ug/l

RT: 10.269 min Scan# 1476

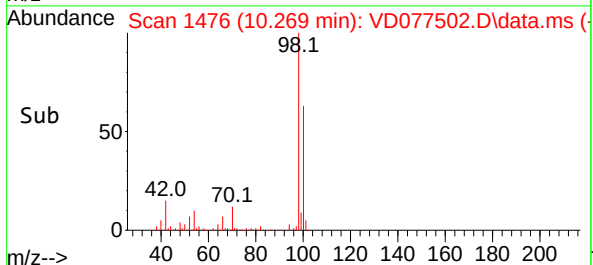
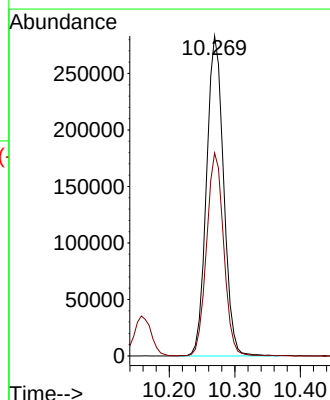
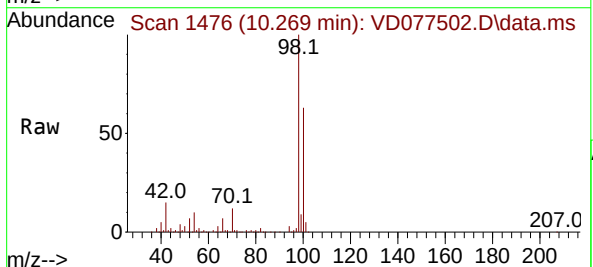
Delta R.T. 0.000 min

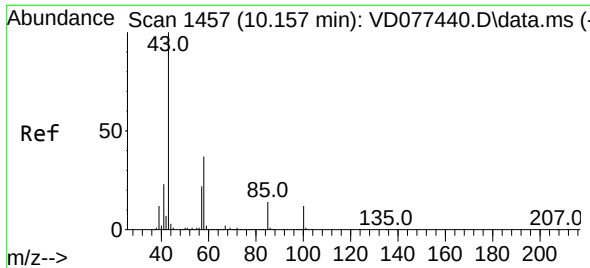
Lab File: VD077502.D

Acq: 03 Nov 2023 18:38

Tgt Ion: 98 Resp: 512991

Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.3	75.5





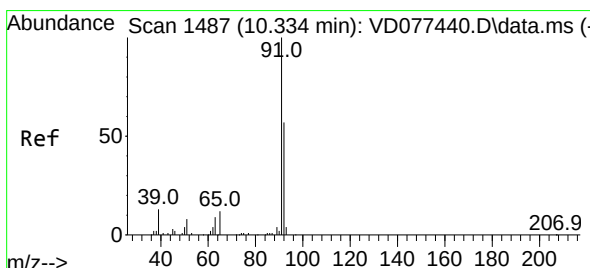
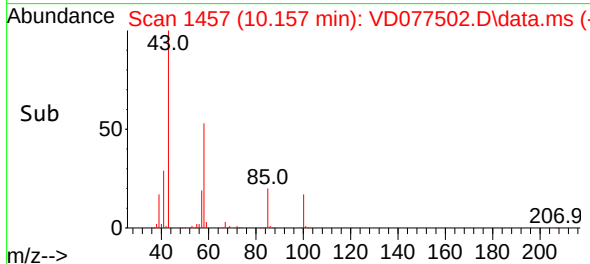
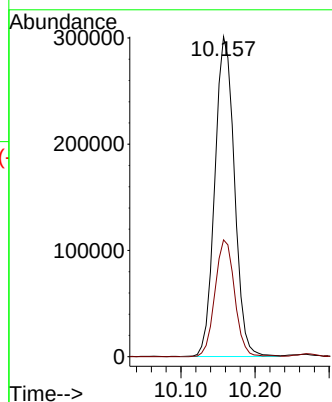
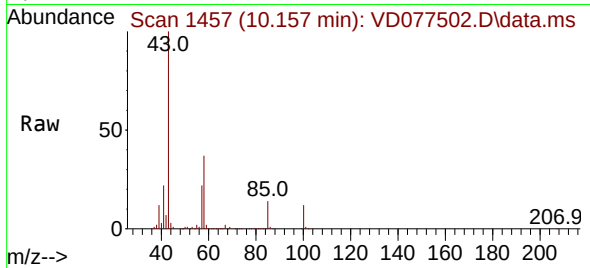
#51
4-Methyl-2-Pentanone
Concen: 227.574 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 55305
Ion Ratio Lower Upper
43 100
58 36.7 38.9 58.3

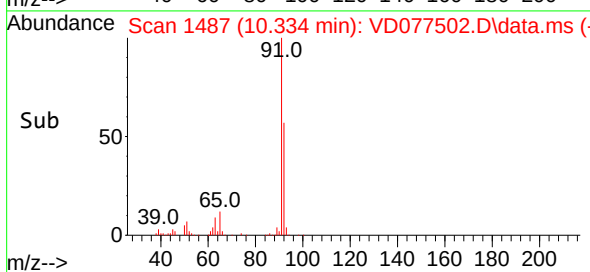
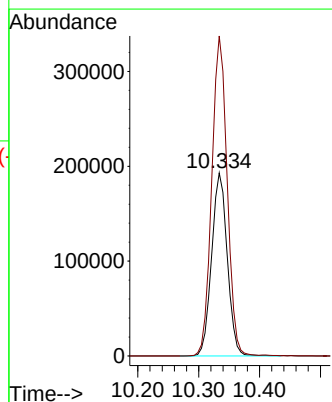
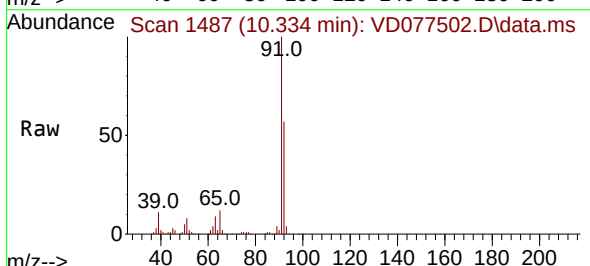
Manual Integrations
APPROVED

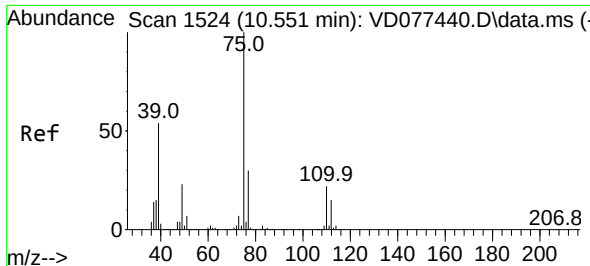
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#52
Toluene
Concen: 47.484 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

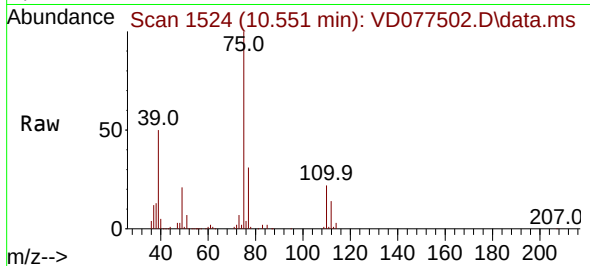
Tgt Ion: 92 Resp: 344128
Ion Ratio Lower Upper
92 100
91 172.1 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 44.692 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

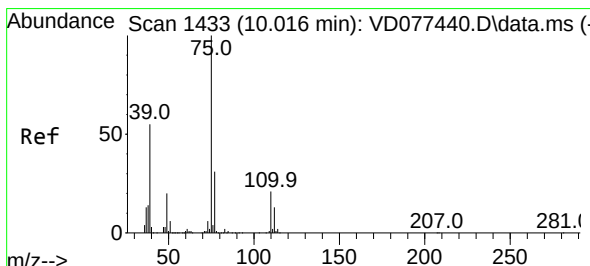
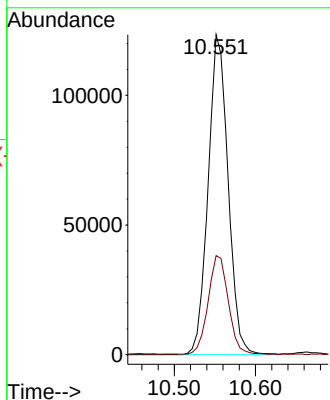
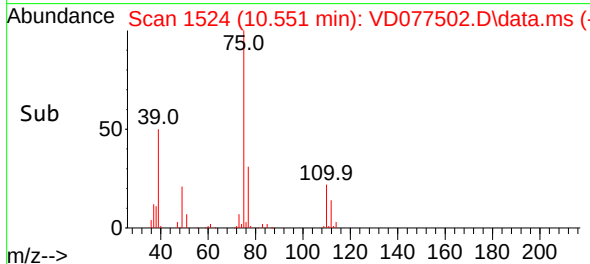
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



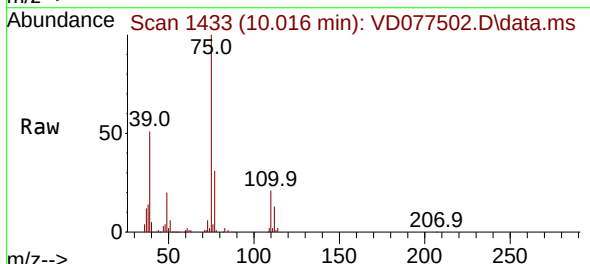
Tgt Ion: 75 Resp: 210678
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9

Manual Integrations
APPROVED

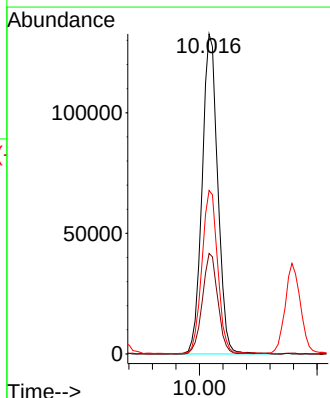
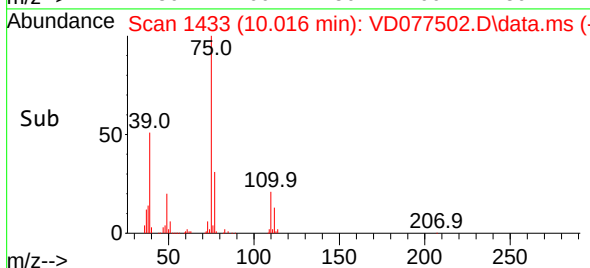
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

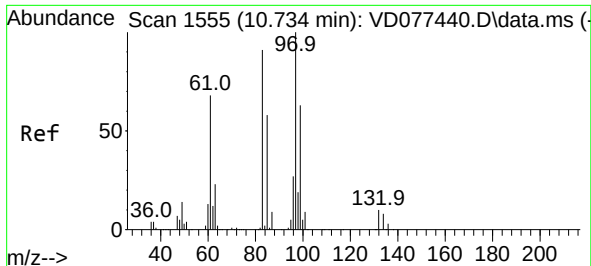


#54
cis-1,3-Dichloropropene
Concen: 45.099 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38



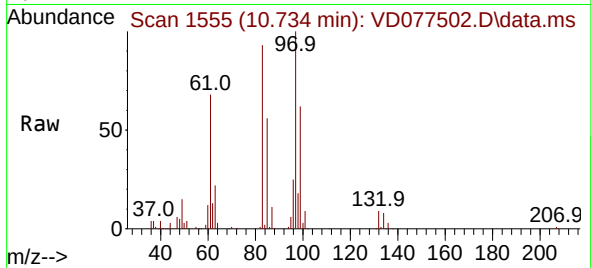
Tgt Ion: 75 Resp: 244648
Ion Ratio Lower Upper
75 100
77 31.4 25.5 38.3
39 51.0 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 44.968 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

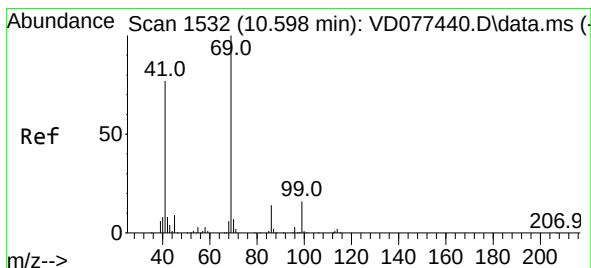
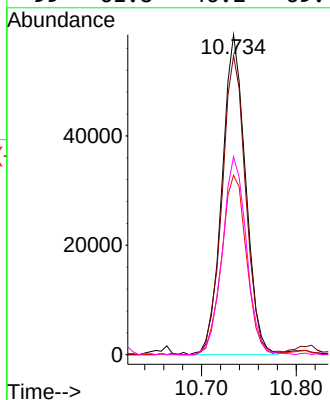
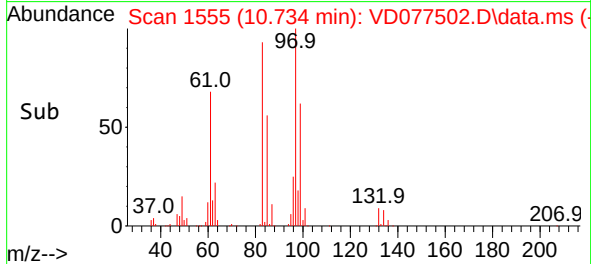
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



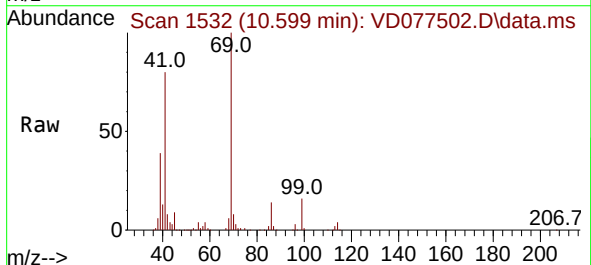
Tgt Ion: 97 Resp: 101049
Ion Ratio Lower Upper
97 100
83 93.4 65.8 98.6
85 55.8 45.7 68.5
99 61.8 46.2 69.4

Manual Integrations
APPROVED

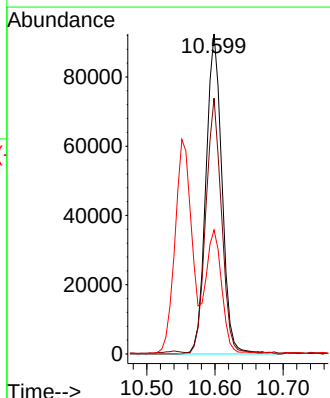
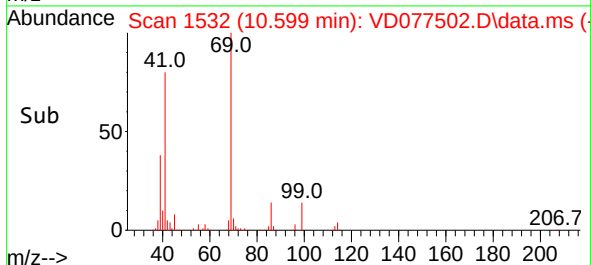
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

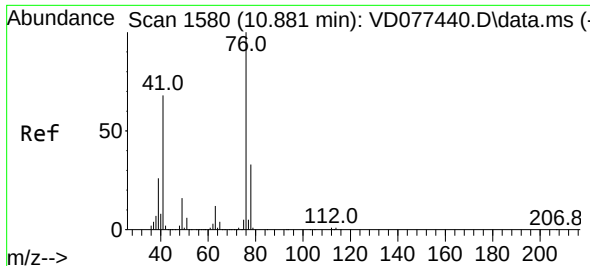


#56
Ethyl methacrylate
Concen: 45.262 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38



Tgt Ion: 69 Resp: 151226
Ion Ratio Lower Upper
69 100
41 77.5 39.1 58.7#
39 35.5 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 46.819 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077502.D

Acq: 03 Nov 2023 18:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 19664

Ion Ratio Lower Upper

76 100

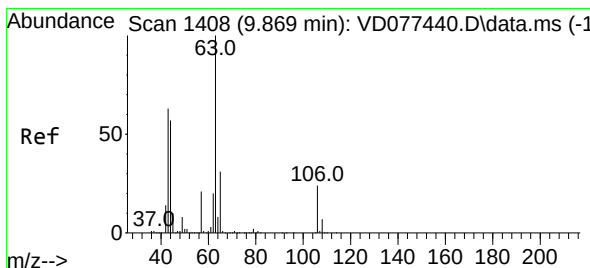
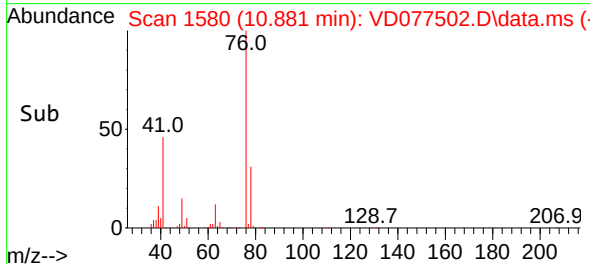
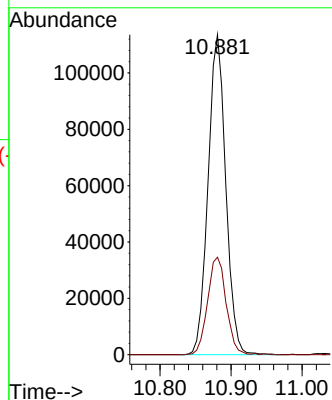
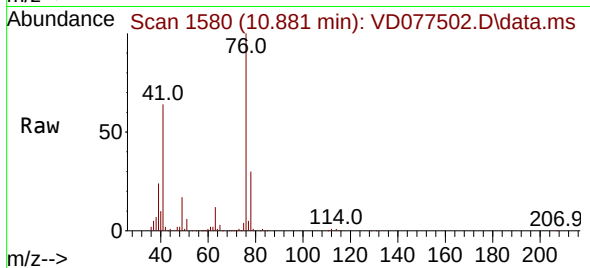
78 32.0 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 255.212 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077502.D

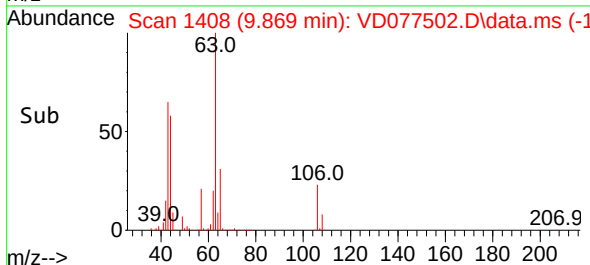
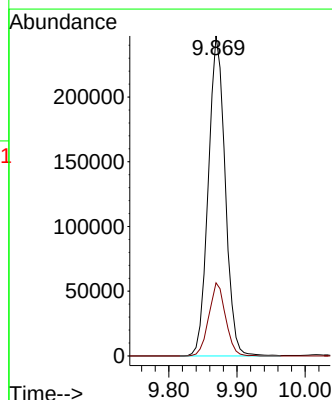
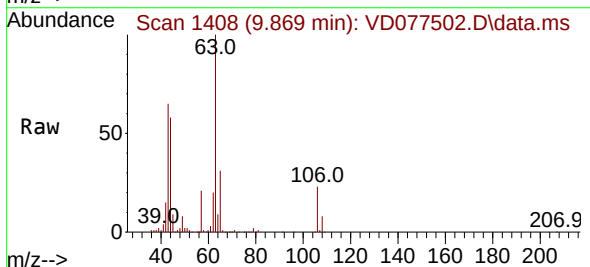
Acq: 03 Nov 2023 18:38

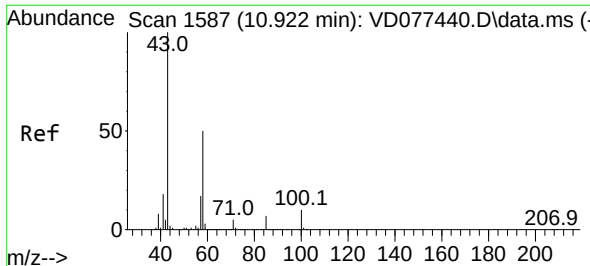
Tgt Ion: 63 Resp: 426883

Ion Ratio Lower Upper

63 100

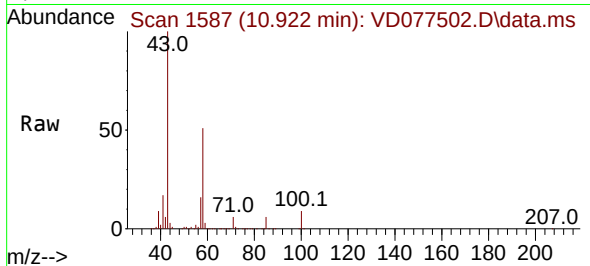
106 22.6 25.3 37.9





#59
2-Hexanone
Concen: 221.007 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

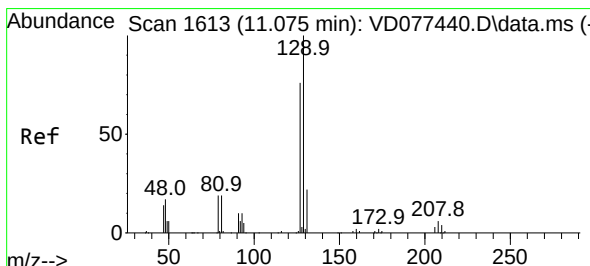
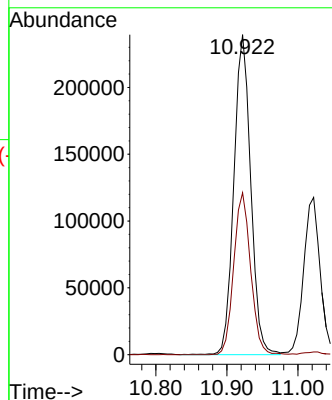
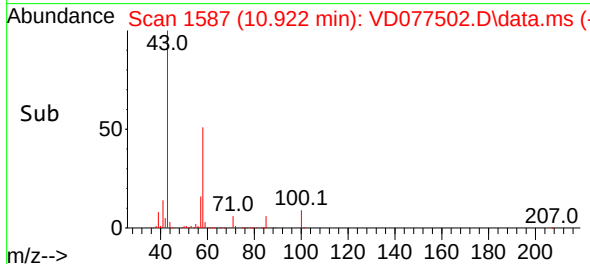
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



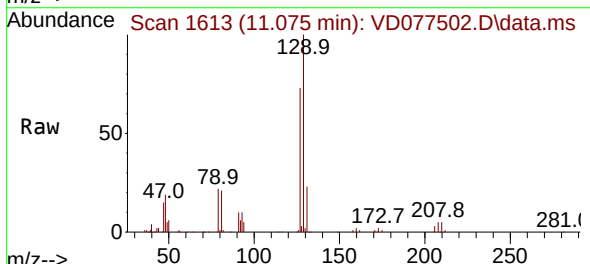
Tgt Ion: 43 Resp: 395660
Ion Ratio Lower Upper
43 100
58 50.7 34.1 102.2

Manual Integrations
APPROVED

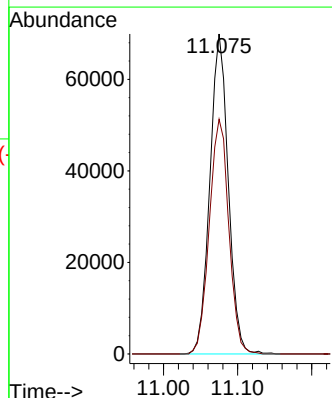
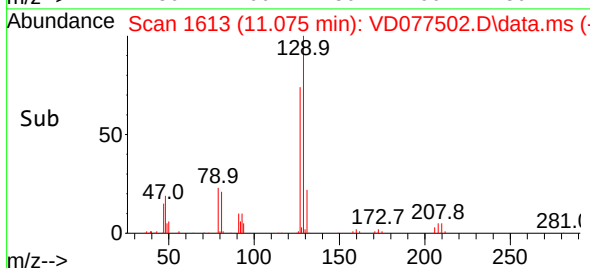
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

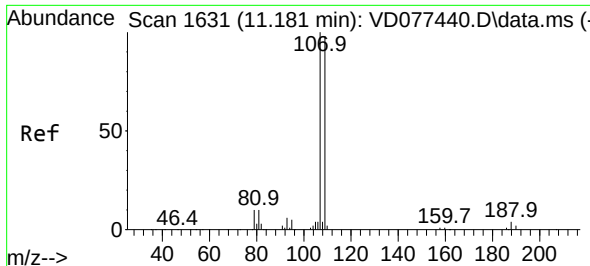


#60
Dibromochloromethane
Concen: 44.652 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38



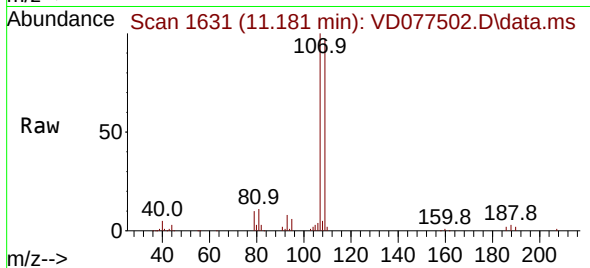
Tgt Ion:129 Resp: 120653
Ion Ratio Lower Upper
129 100
127 77.7 37.1 111.5





#61
1,2-Dibromoethane
Concen: 45.336 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

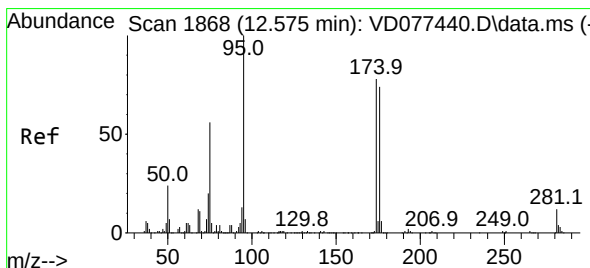
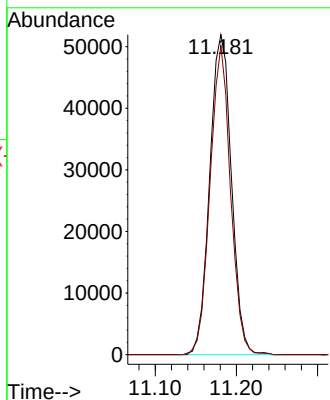
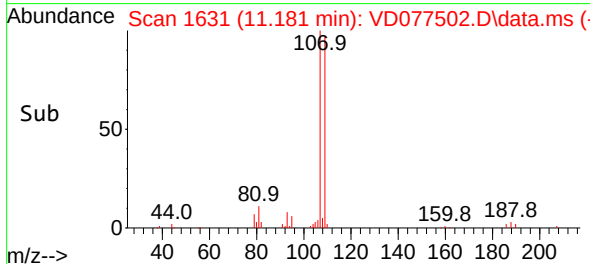
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



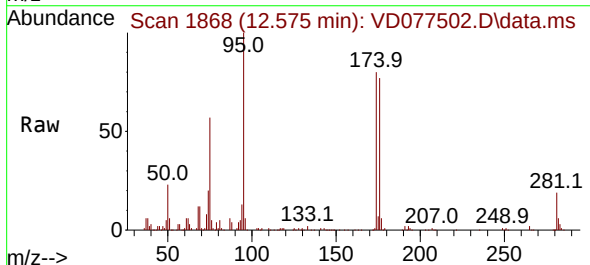
Tgt Ion:107 Resp: 96470
Ion Ratio Lower Upper
107 100
109 90.9 75.6 113.4

Manual Integrations
APPROVED

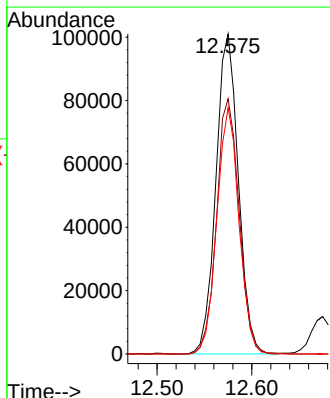
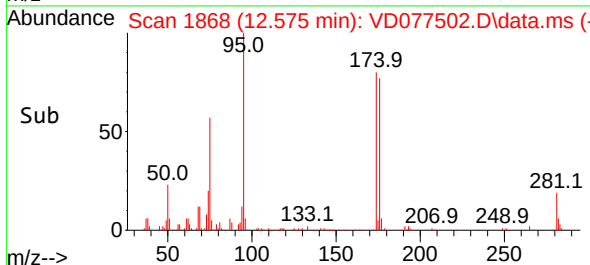
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

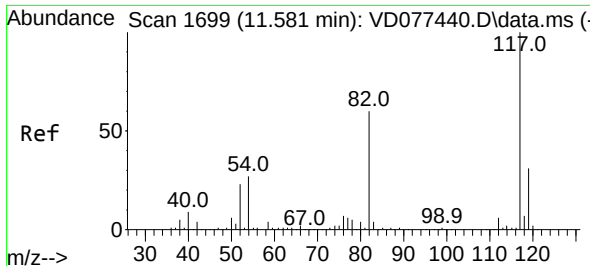


#62
4-Bromofluorobenzene
Concen: 45.193 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38



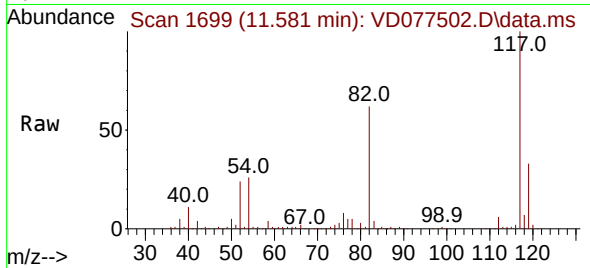
Tgt Ion: 95 Resp: 166245
Ion Ratio Lower Upper
95 100
174 79.8 0.0 201.8
176 76.1 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

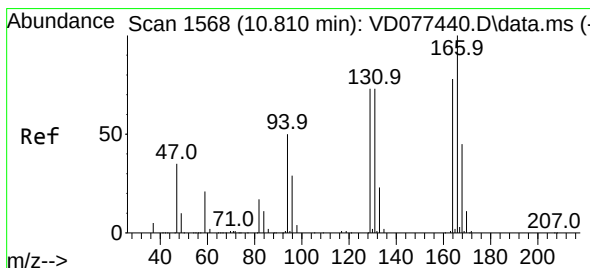
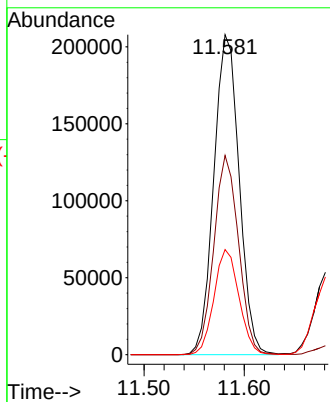
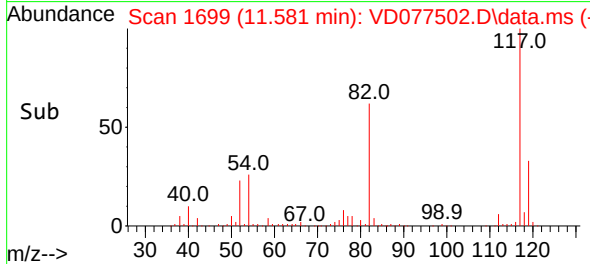
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



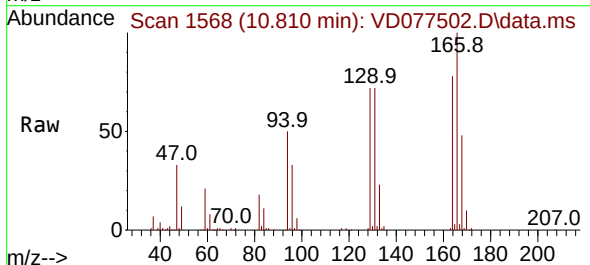
Tgt Ion:117 Resp: 36433
Ion Ratio Lower Upper
117 100
82 62.2 38.3 57.5
119 32.8 25.0 37.4

Manual Integrations
APPROVED

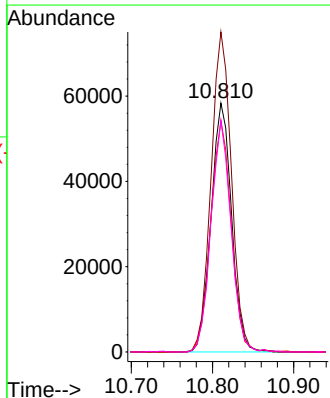
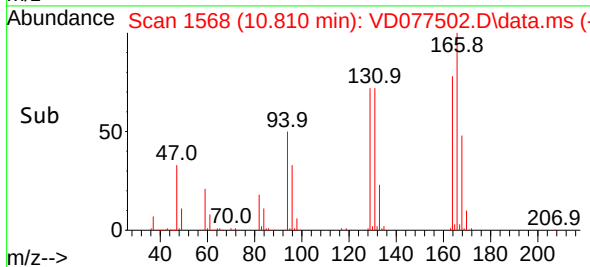
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

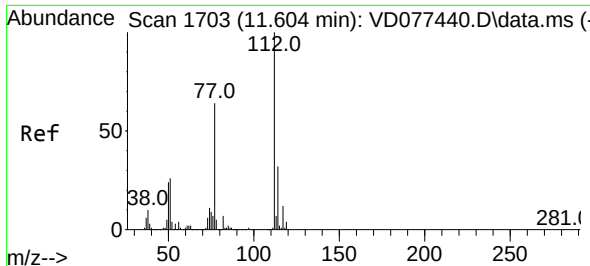


#64
Tetrachloroethene
Concen: 44.272 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38



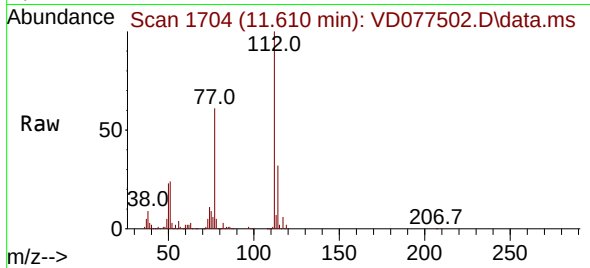
Tgt Ion:164 Resp: 102691
Ion Ratio Lower Upper
164 100
166 128.6 99.2 148.8
129 92.9 68.4 102.6
131 93.1 63.8 95.8





#65
Chlorobenzene
Concen: 45.239 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

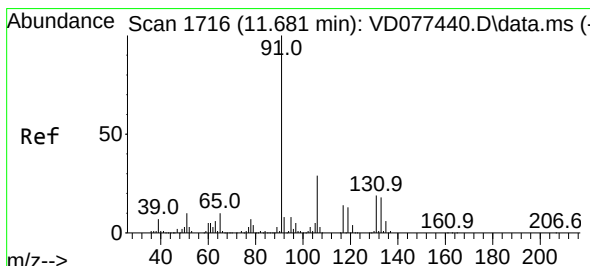
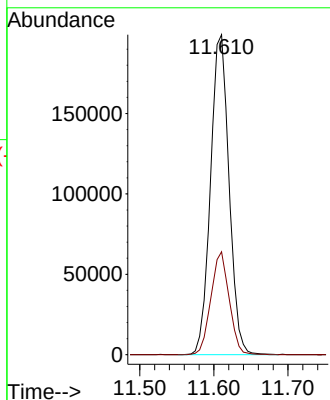
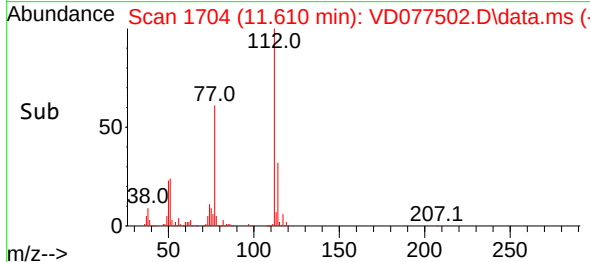
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



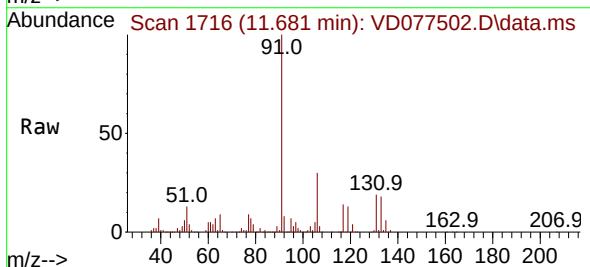
Tgt Ion:112 Resp: 345294
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7

Manual Integrations
APPROVED

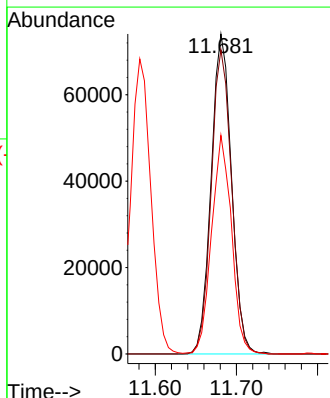
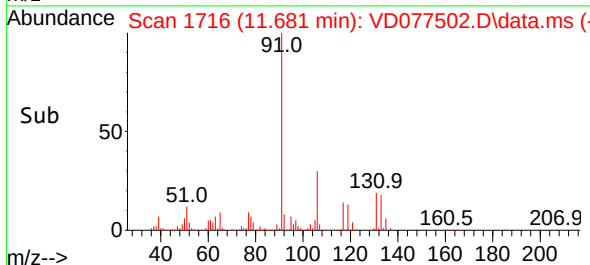
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

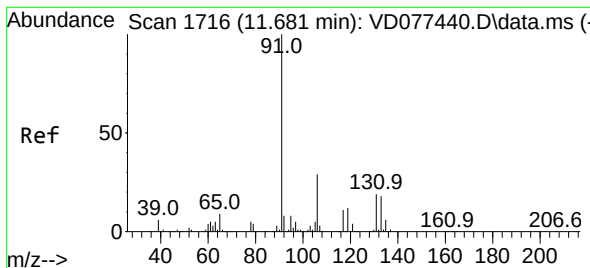


#66
1,1,1,2-Tetrachloroethane
Concen: 44.726 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38



Tgt Ion:131 Resp: 129005
Ion Ratio Lower Upper
131 100
133 95.1 48.5 145.5
119 66.9 35.6 106.9





#67

Ethyl Benzene

Concen: 45.633 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077502.D

Acq: 03 Nov 2023 18:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 67017

Ion Ratio Lower Upper

91 100

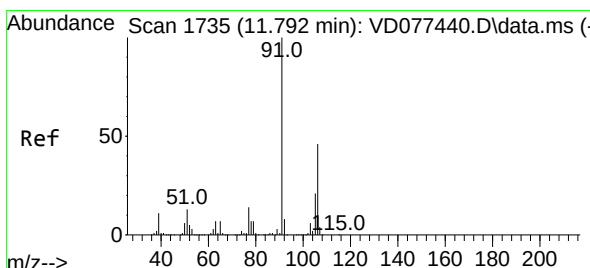
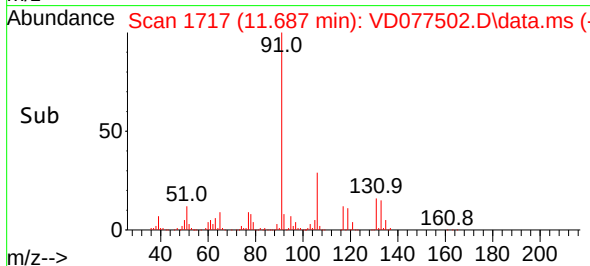
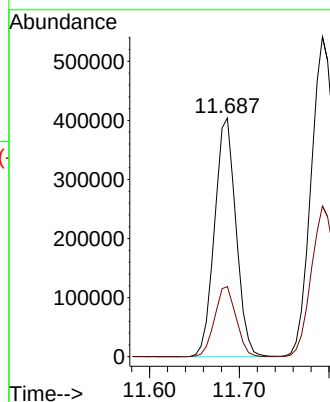
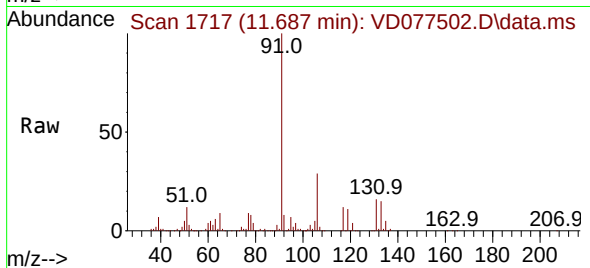
106 29.4 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#68

m/p-Xylenes

Concen: 91.236 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077502.D

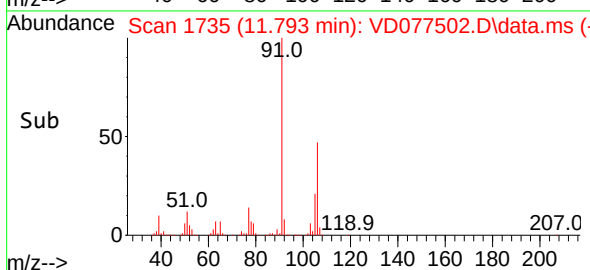
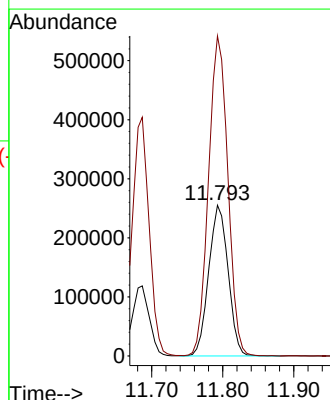
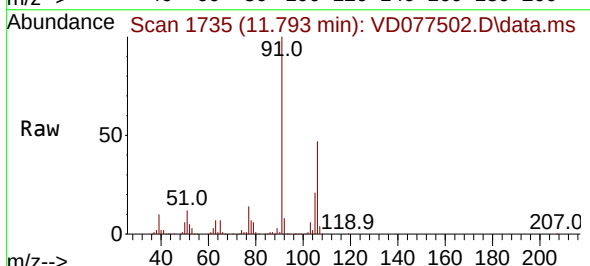
Acq: 03 Nov 2023 18:38

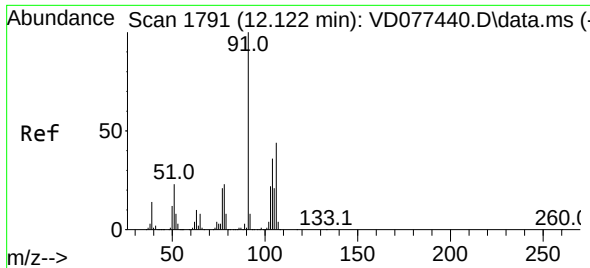
Tgt Ion:106 Resp: 483853

Ion Ratio Lower Upper

106 100

91 211.6 147.0 220.6





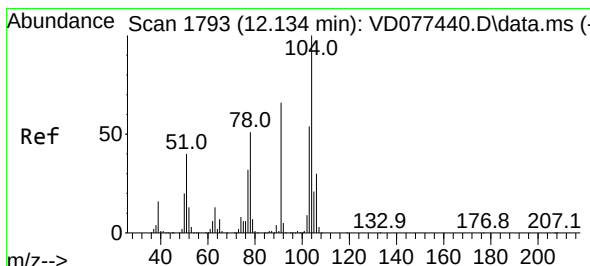
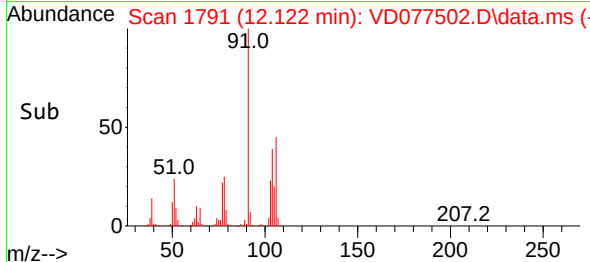
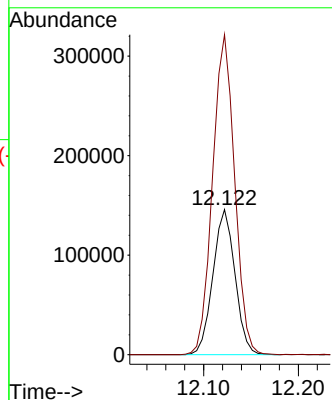
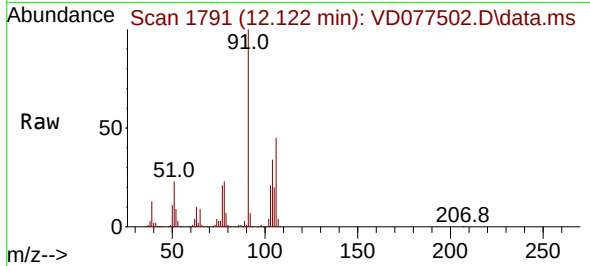
#69
o-Xylene
Concen: 46.409 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 235740
Ion Ratio Lower Upper
106 100
91 220.8 97.9 293.6

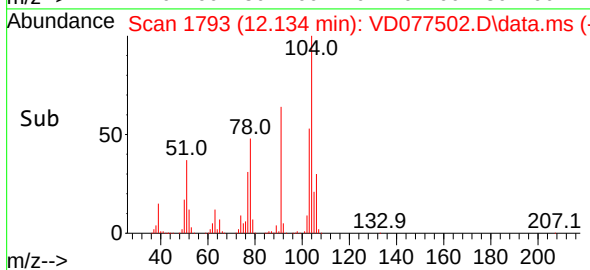
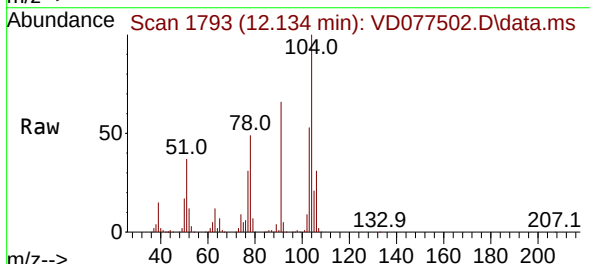
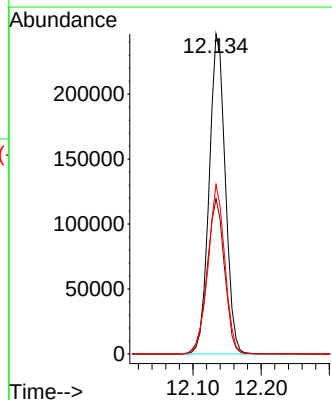
Manual Integrations
APPROVED

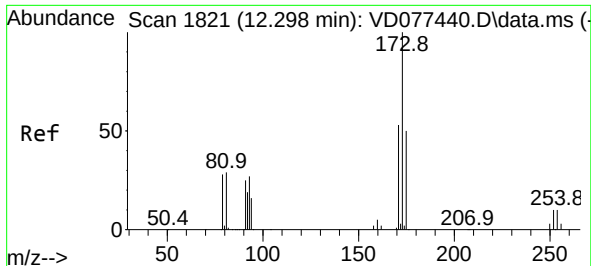
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#70
Styrene
Concen: 46.224 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

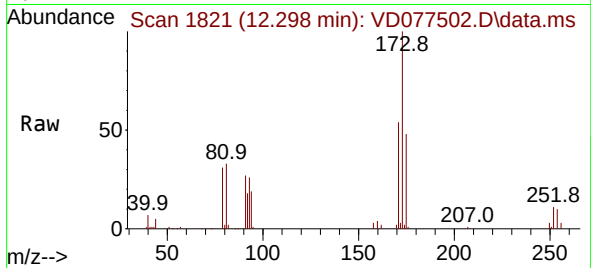
Tgt Ion:104 Resp: 405075
Ion Ratio Lower Upper
104 100
78 52.3 33.2 49.8#
103 55.2 43.6 65.4





#71
Bromoform
Concen: 43.440 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

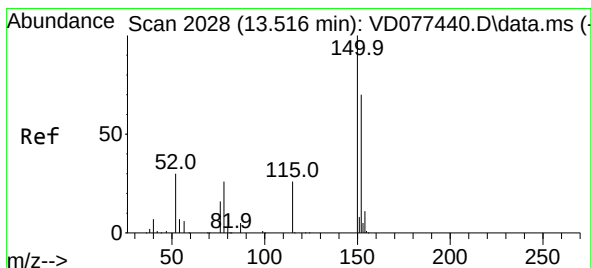
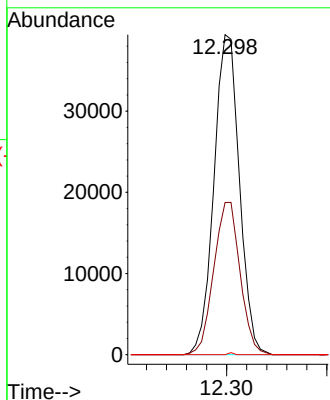
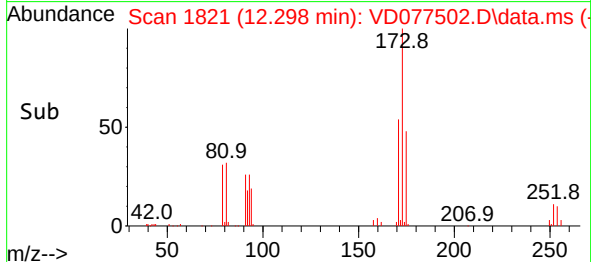
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 69464
Ion Ratio Lower Upper
173 100
175 49.2 24.6 73.8
254 0.1 0.0 0.0

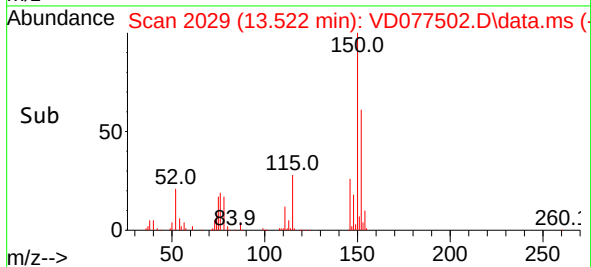
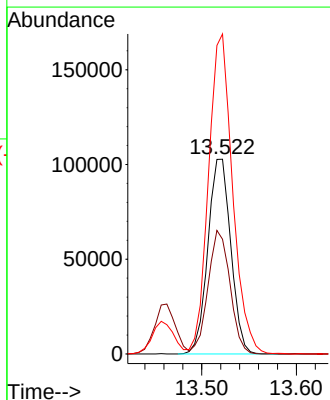
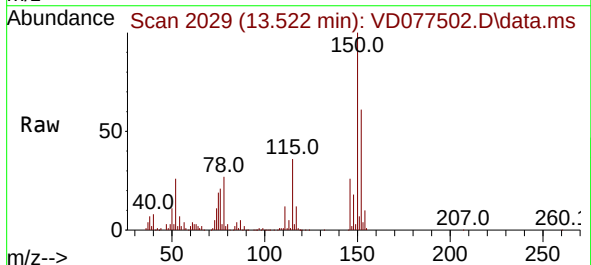
Manual Integrations
APPROVED

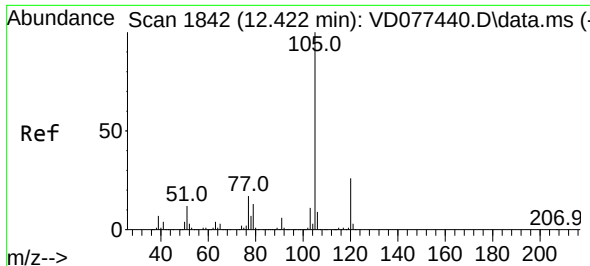
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

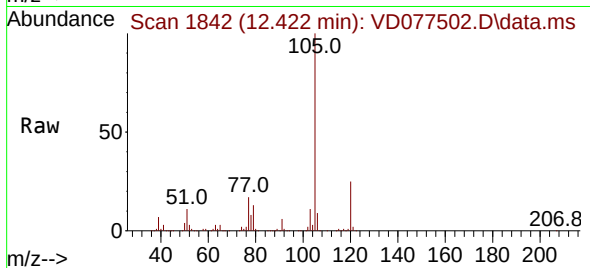
Tgt Ion:152 Resp: 172955
Ion Ratio Lower Upper
152 100
115 60.6 27.1 81.3
150 172.8 0.0 353.6





#73
Isopropylbenzene
Concen: 43.101 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

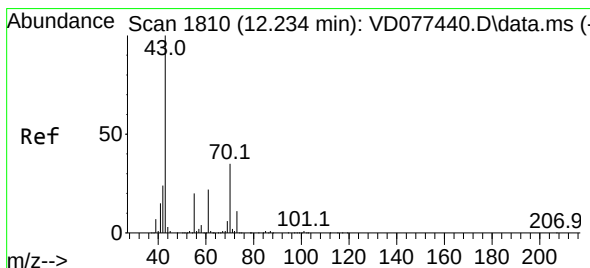
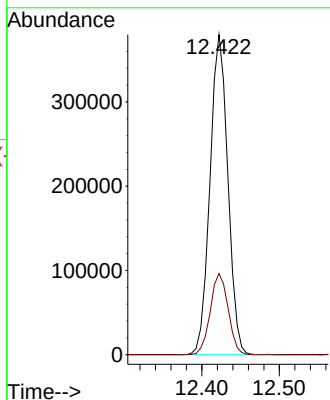
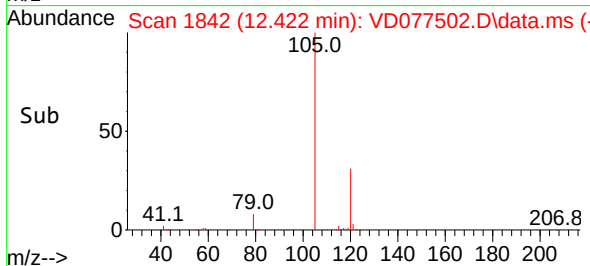
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



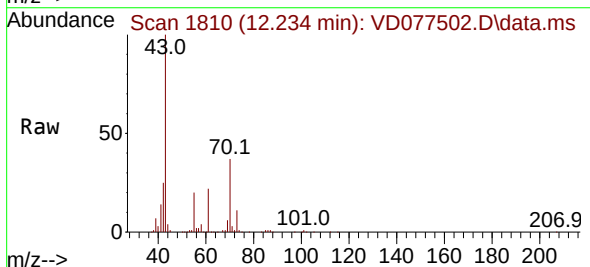
Tgt Ion:105 Resp: 607770
Ion Ratio Lower Upper
105 100
120 25.3 14.3 42.9

Manual Integrations
APPROVED

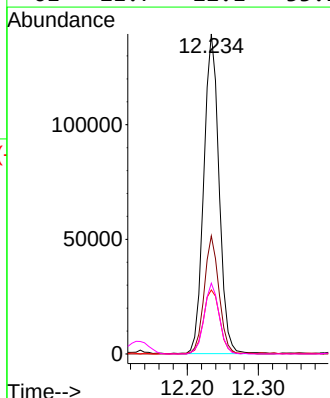
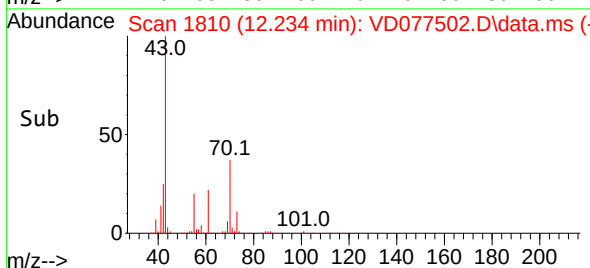
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

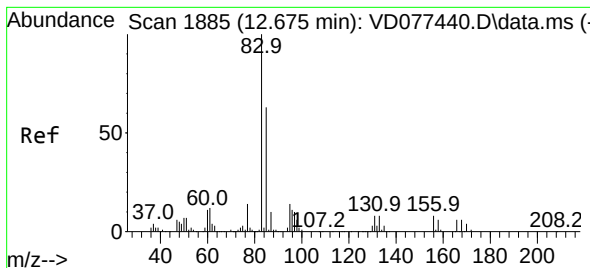


#74
N-ethyl acetate
Concen: 41.786 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38



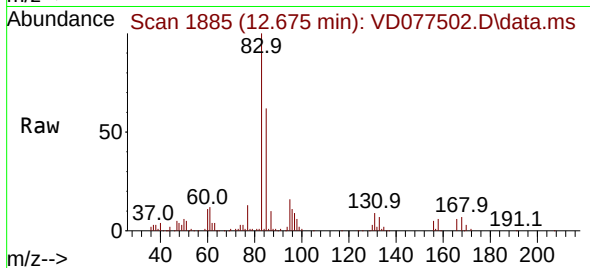
Tgt Ion: 43 Resp: 208711
Ion Ratio Lower Upper
43 100
70 35.8 45.0 67.4#
55 21.6 23.8 35.6#
61 21.7 22.1 33.1#





#75
1,1,2,2-Tetrachloroethane
Concen: 44.431 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

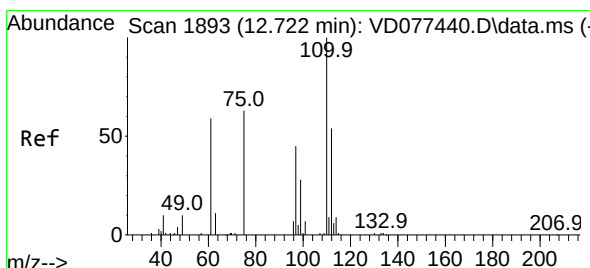
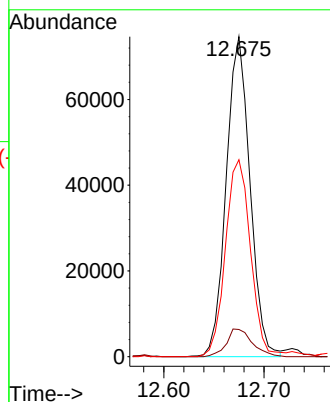
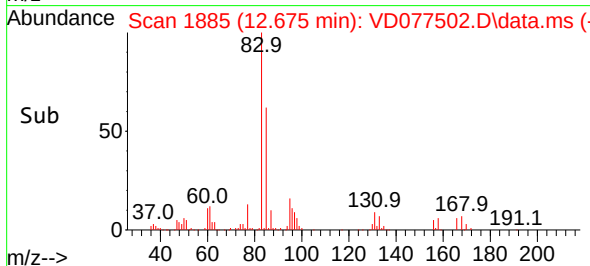
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



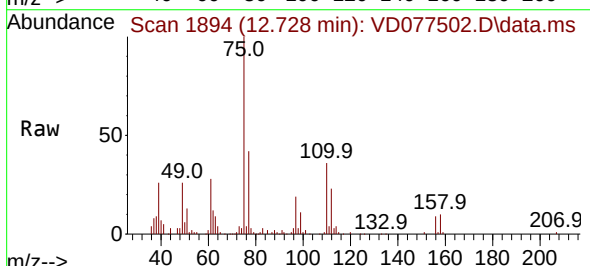
Tgt Ion: 83 Resp: 12281
Ion Ratio Lower Upper
83 100
131 9.4 5.1 15.3
85 66.0 32.6 97.8

Manual Integrations
APPROVED

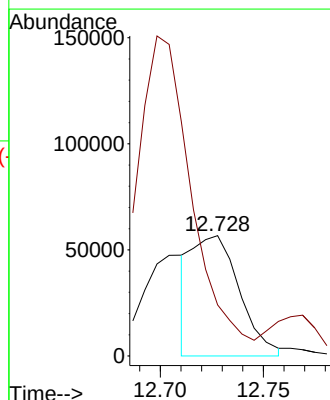
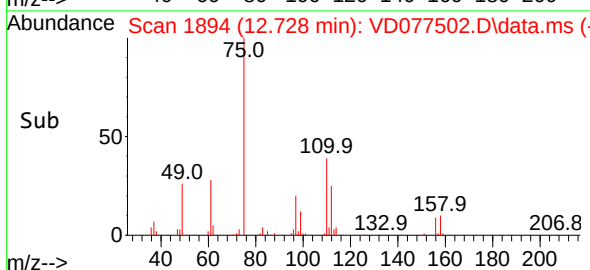
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

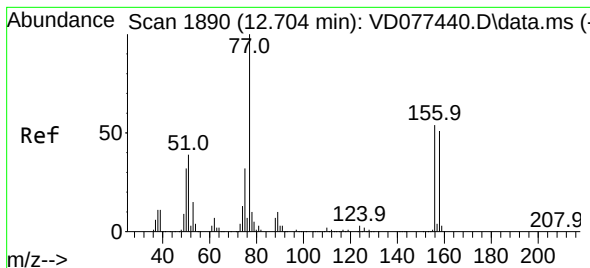


#76
1,2,3-Trichloropropane
Concen: 43.322 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38



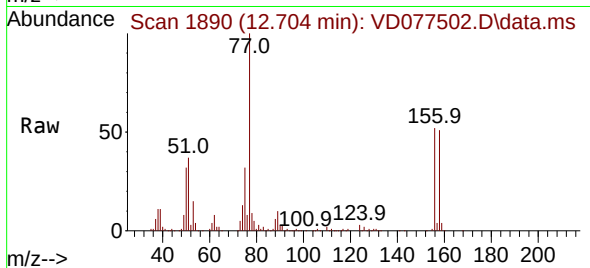
Tgt Ion: 75 Resp: 91194
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 42.630 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

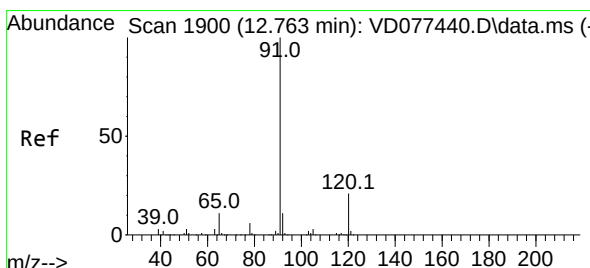
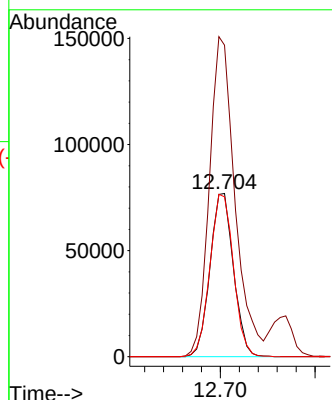
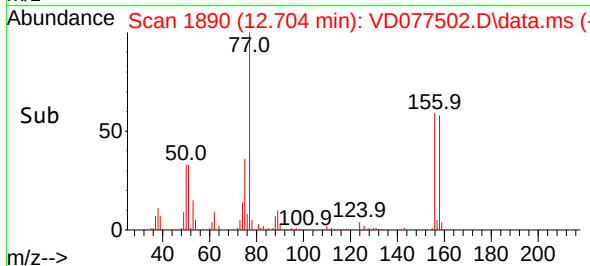
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 132317
Ion Ratio Lower Upper
156 100
77 214.2 76.8 230.4
158 99.9 48.6 145.9

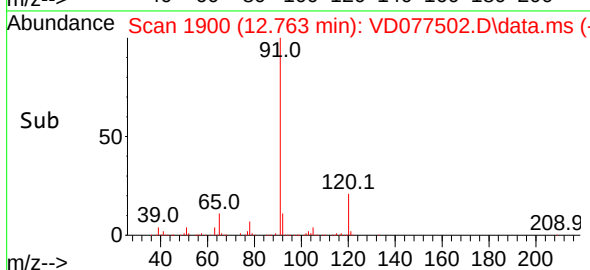
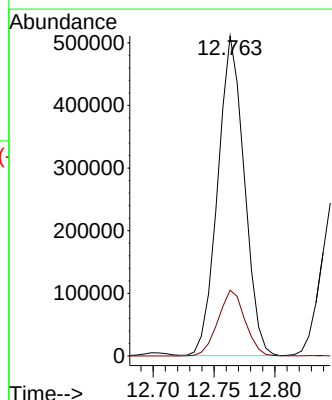
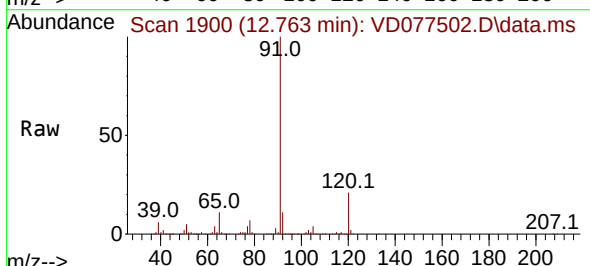
Manual Integrations
APPROVED

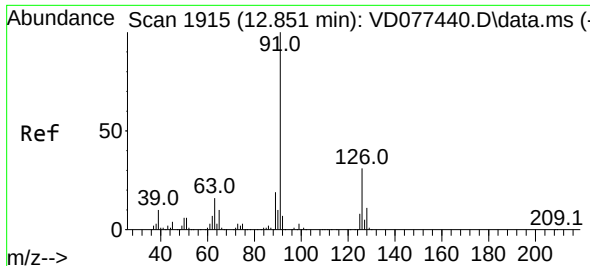
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#78
n-propylbenzene
Concen: 43.136 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

Tgt Ion: 91 Resp: 772337
Ion Ratio Lower Upper
91 100
120 21.0 12.4 37.2





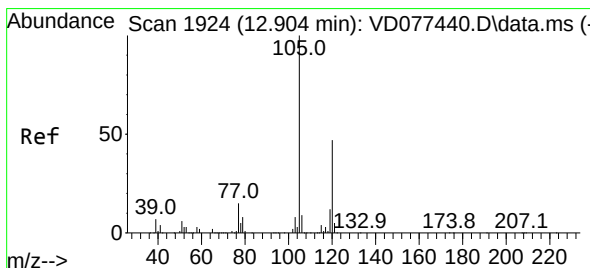
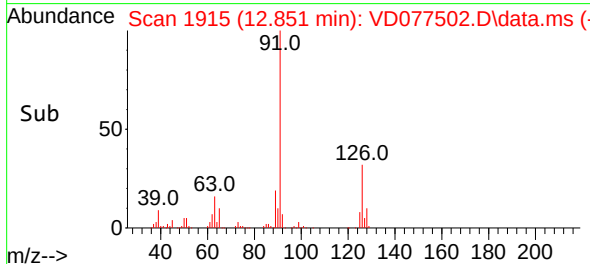
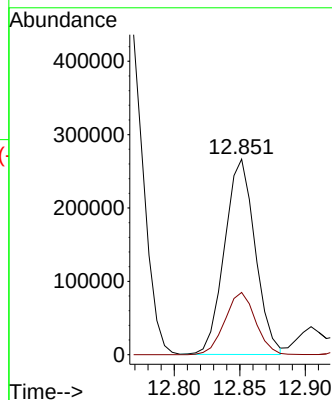
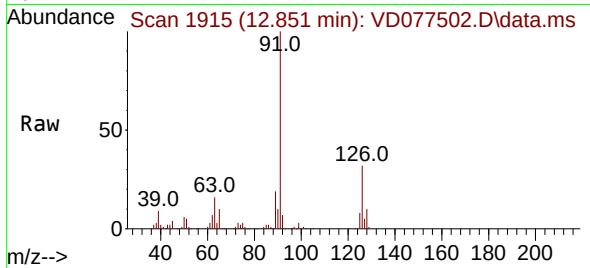
#79
2-Chlorotoluene
Concen: 42.654 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 432420
Ion Ratio Lower Upper
91 100
126 31.9 19.4 58.1

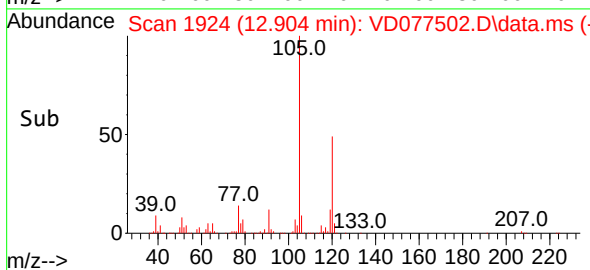
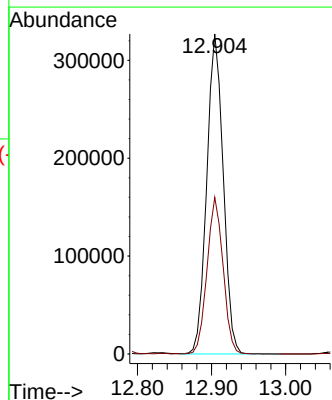
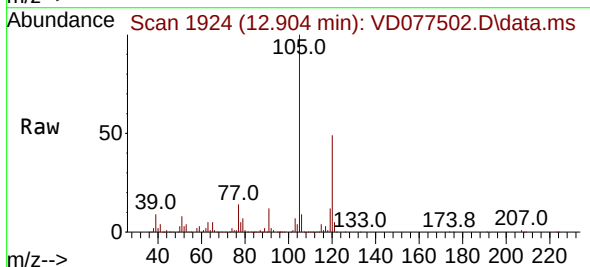
Manual Integrations
APPROVED

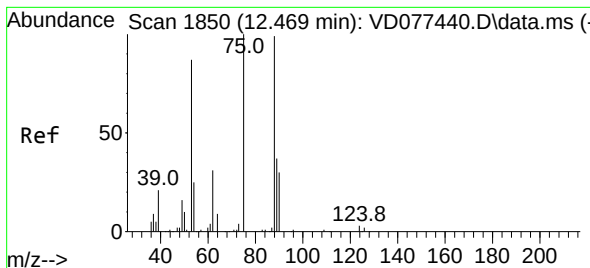
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 42.694 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

Tgt Ion:105 Resp: 505165
Ion Ratio Lower Upper
105 100
120 47.6 26.4 79.2





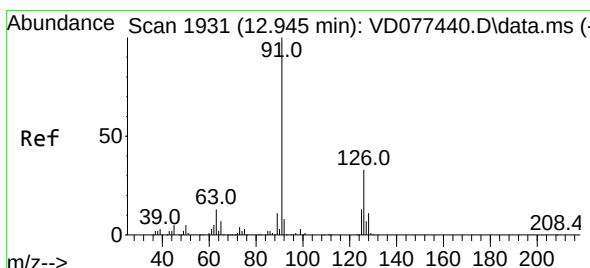
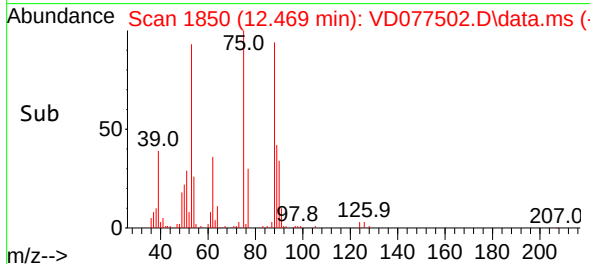
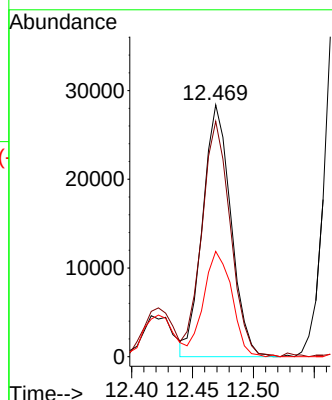
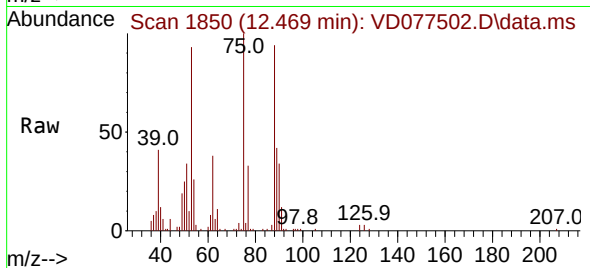
#81
trans-1,4-Dichloro-2-butene
Concen: 42.100 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 45879
Ion Ratio Lower Upper
75 100
53 94.9 63.0 94.4
89 41.6 37.9 56.9

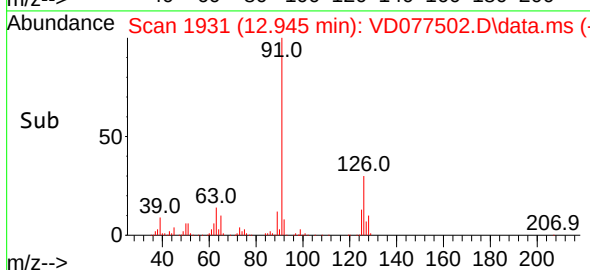
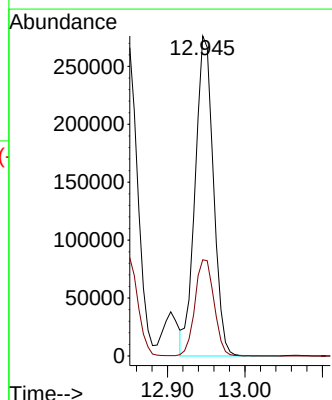
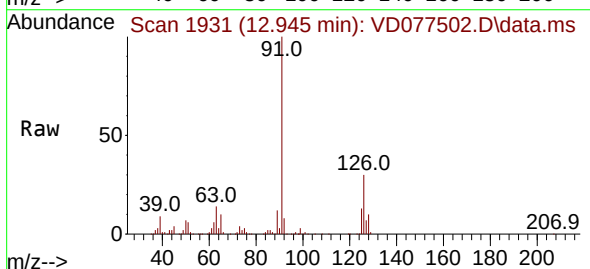
Manual Integrations
APPROVED

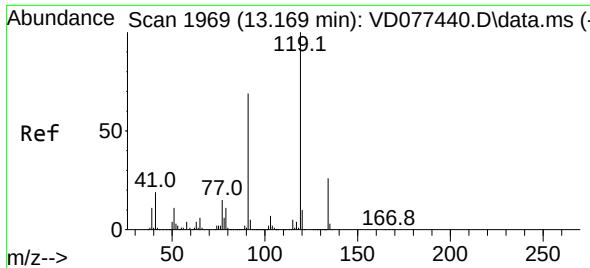
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#82
4-Chlorotoluene
Concen: 42.751 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

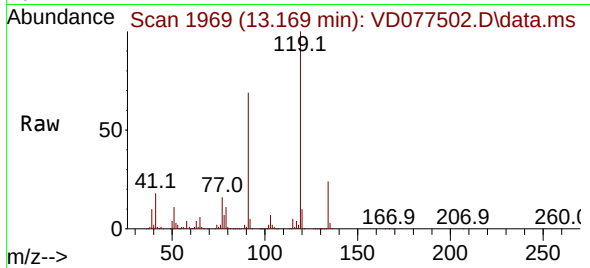
Tgt Ion: 91 Resp: 451442
Ion Ratio Lower Upper
91 100
126 31.5 19.4 58.4





#83
tert-Butylbenzene
Concen: 42.873 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

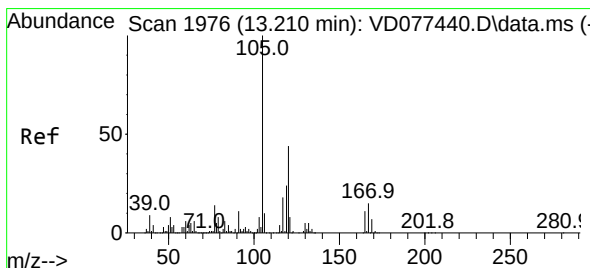
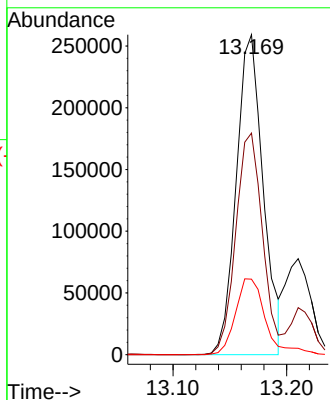
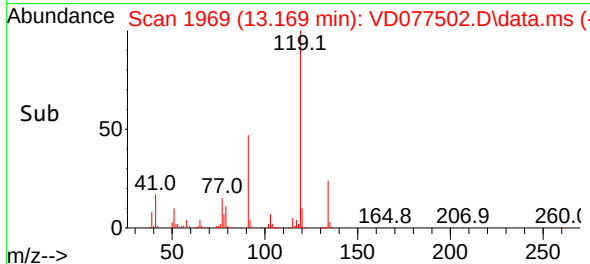
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



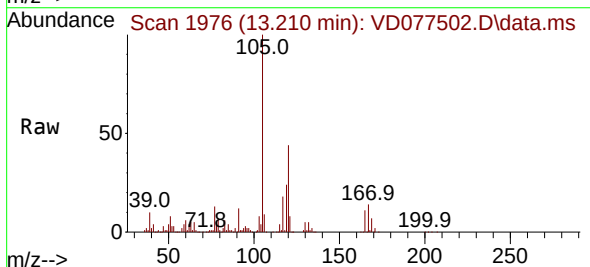
Tgt Ion:119 Resp: 426500
Ion Ratio Lower Upper
119 100
91 68.7 29.3 87.8
134 26.5 14.1 42.3

Manual Integrations
APPROVED

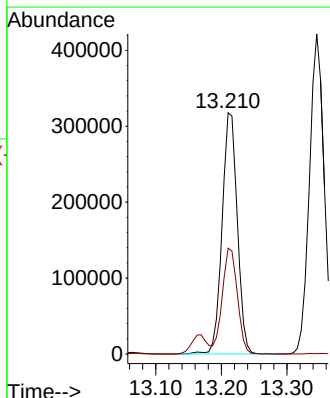
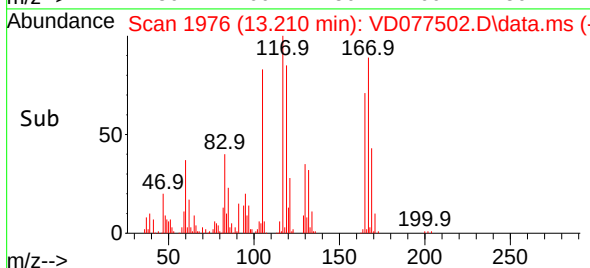
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

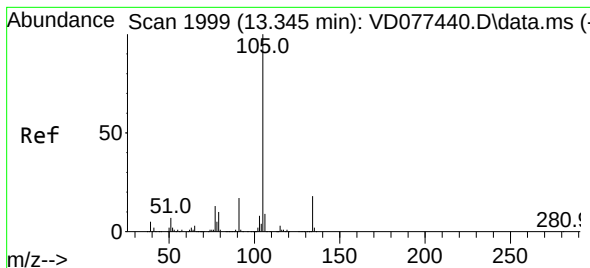


#84
1,2,4-Trimethylbenzene
Concen: 43.415 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38



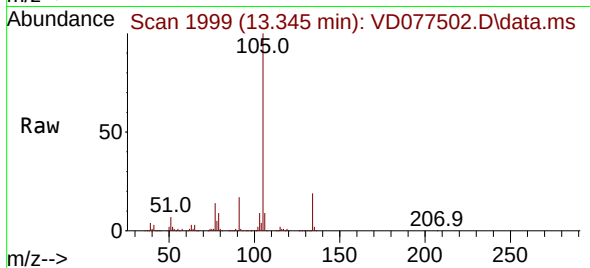
Tgt Ion:105 Resp: 510279
Ion Ratio Lower Upper
105 100
120 43.2 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 42.899 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077502.D
 Acq: 03 Nov 2023 18:38

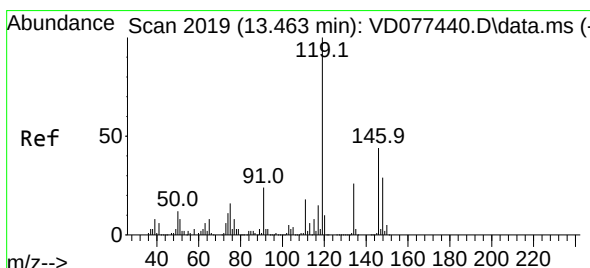
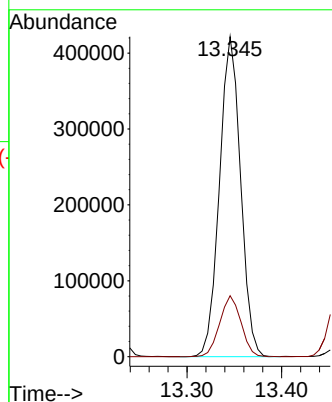
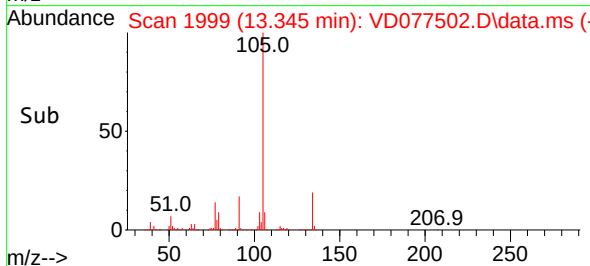
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



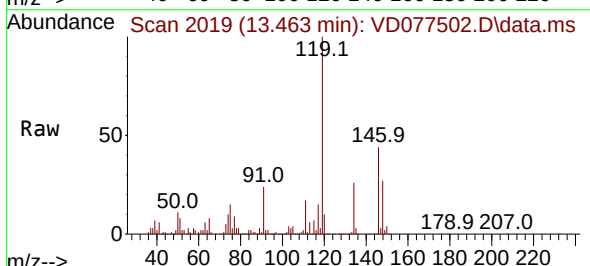
Tgt Ion:105 Resp: 652964
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.9 32.9

Manual Integrations
 APPROVED

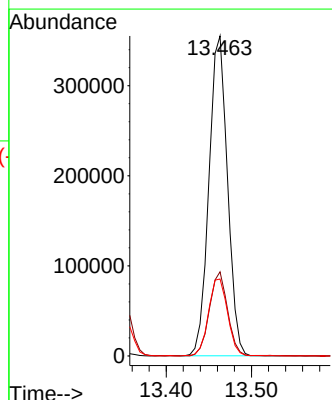
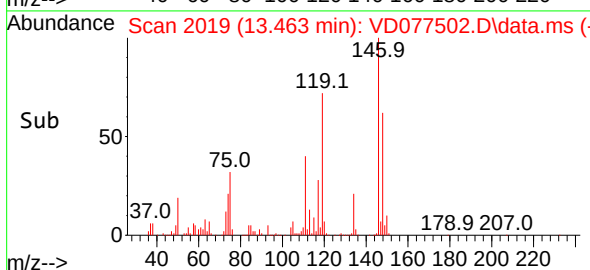
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023

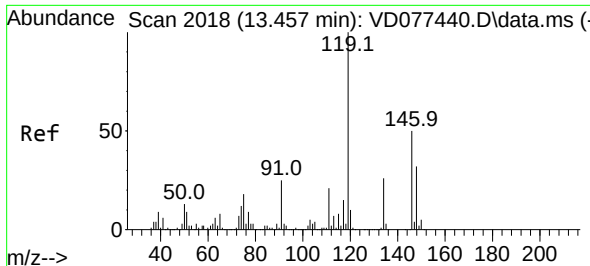


#86
 p-Isopropyltoluene
 Concen: 43.334 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077502.D
 Acq: 03 Nov 2023 18:38



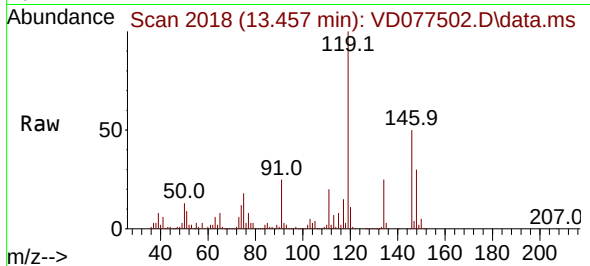
Tgt Ion:119 Resp: 536126
 Ion Ratio Lower Upper
 119 100
 134 25.9 14.2 42.6
 91 24.9 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 44.032 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

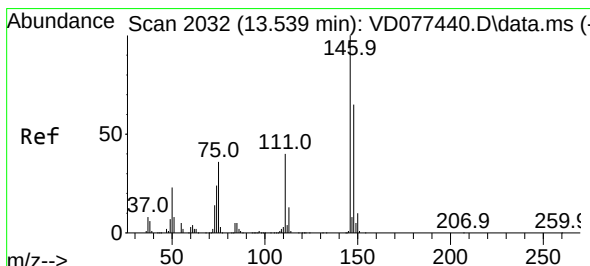
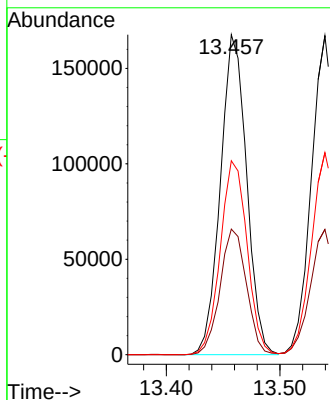
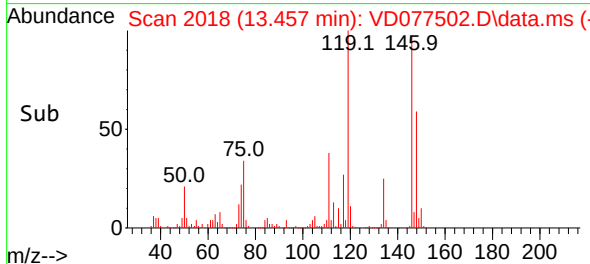
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



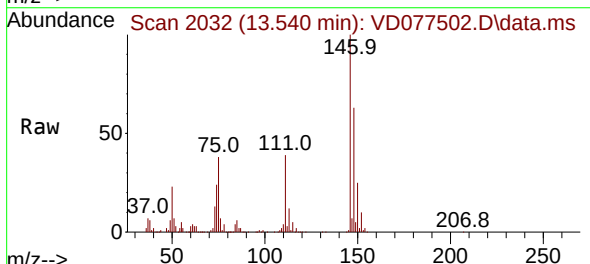
Tgt Ion:146 Resp: 26864
Ion Ratio Lower Upper
146 100
111 39.6 17.9 53.8
148 62.1 32.3 96.8

Manual Integrations
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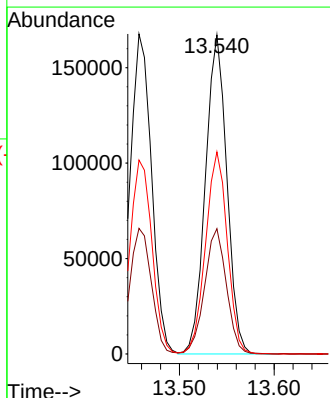
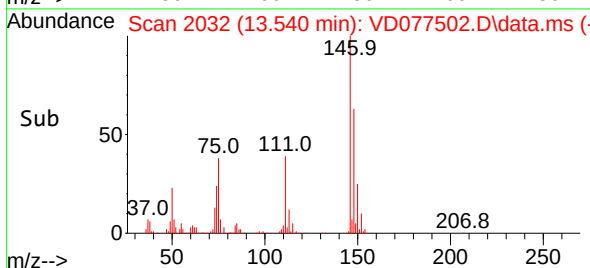
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

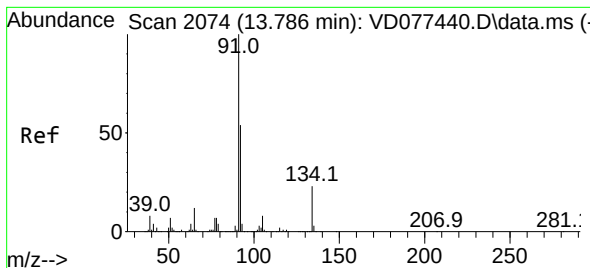


#88
1,4-Dichlorobenzene
Concen: 43.079 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38



Tgt Ion:146 Resp: 262599
Ion Ratio Lower Upper
146 100
111 40.2 17.4 52.3
148 64.4 31.7 95.1





#89

n-Butylbenzene

Concen: 42.536 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077502.D

Acq: 03 Nov 2023 18:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

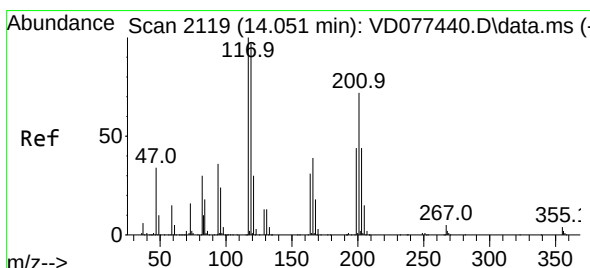
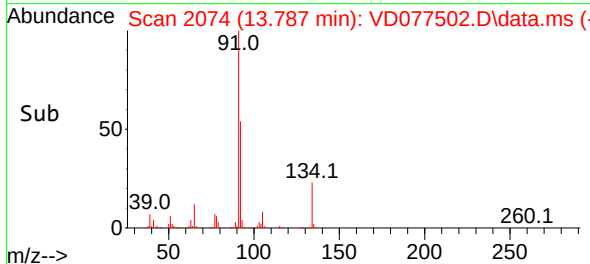
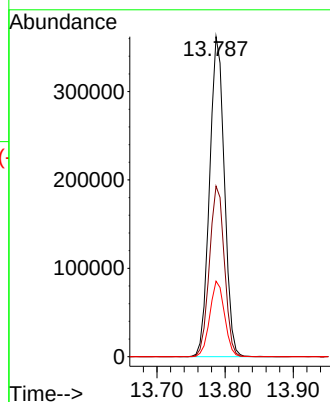
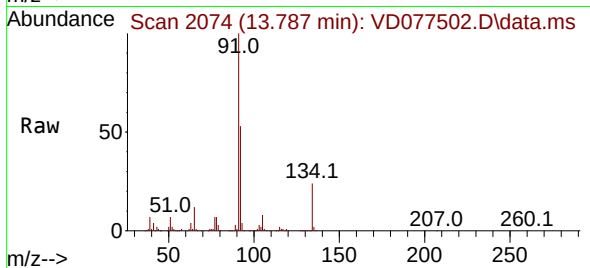
Tgt Ion: 91 Resp: 546978
 Ion Ratio Lower Upper
 91 100
 92 53.9 26.5 79.5
 134 23.6 13.8 41.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#90

Hexachloroethane

Concen: 41.924 ug/l

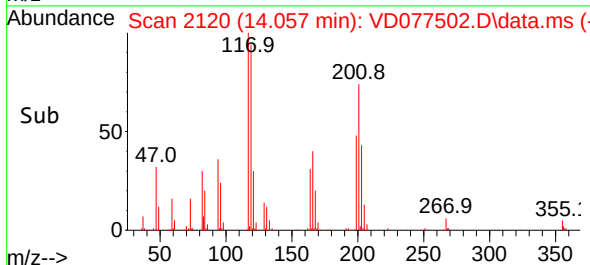
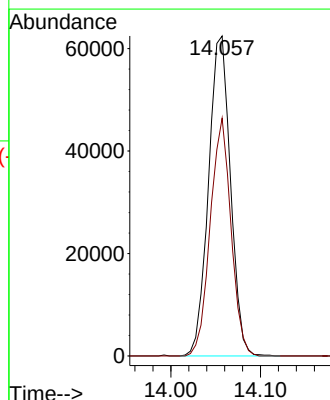
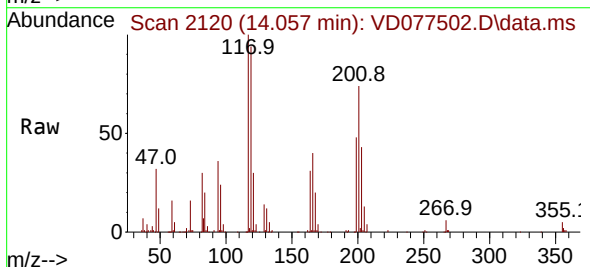
RT: 14.057 min Scan# 2120

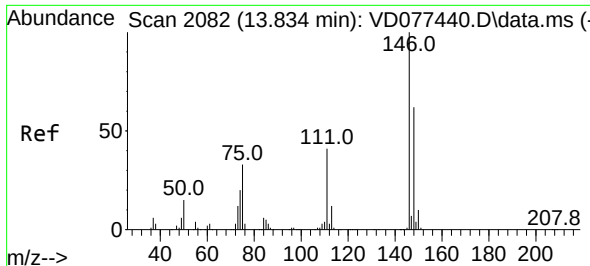
Delta R.T. 0.006 min

Lab File: VD077502.D

Acq: 03 Nov 2023 18:38

Tgt Ion:117 Resp: 106140
 Ion Ratio Lower Upper
 117 100
 201 70.3 38.5 115.5





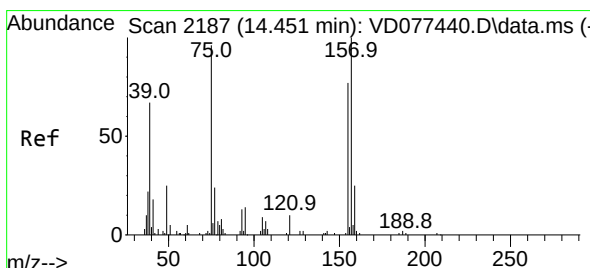
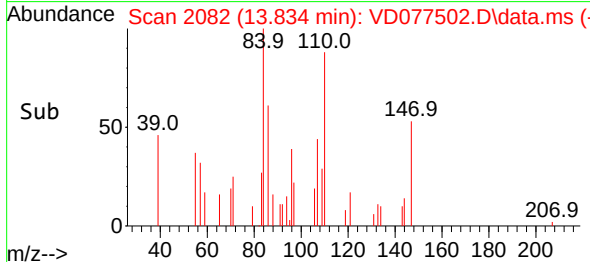
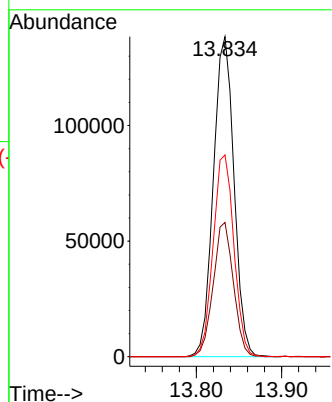
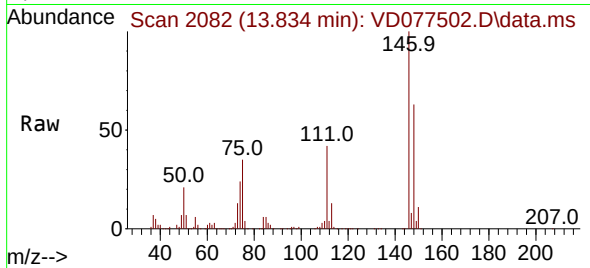
#91
1,2-Dichlorobenzene
Concen: 43.497 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 23322
Ion Ratio Lower Upper
146 100
111 41.1 18.3 54.8
148 63.5 31.6 94.7

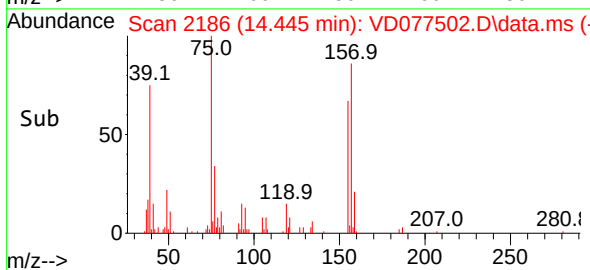
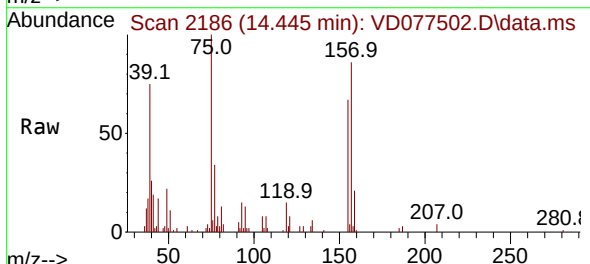
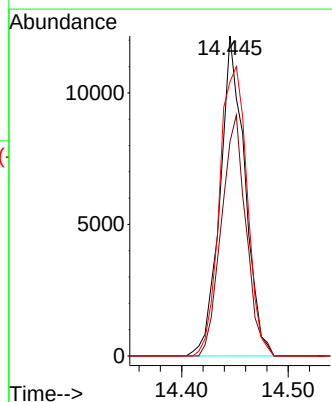
Manual Integrations
APPROVED

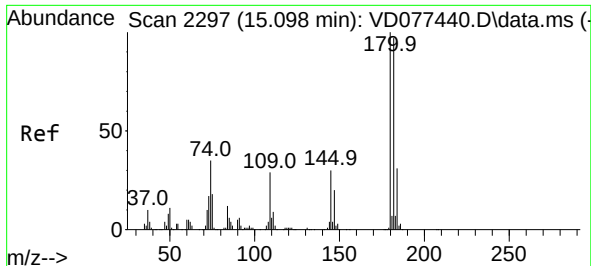
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.140 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

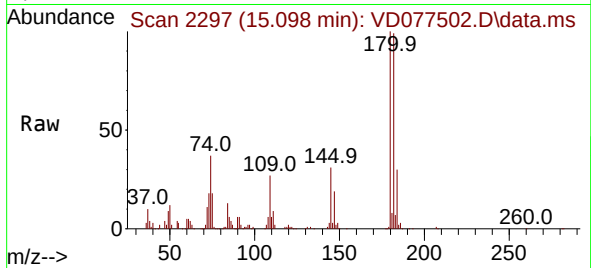
Tgt Ion: 75 Resp: 19623
Ion Ratio Lower Upper
75 100
155 74.8 47.9 143.8
157 100.7 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 41.862 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

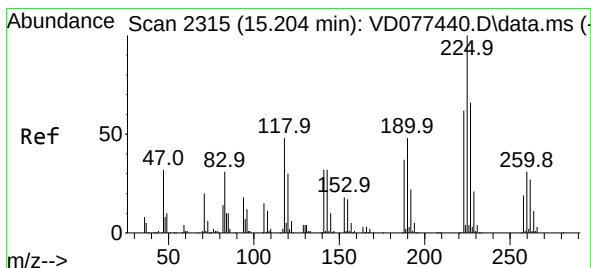
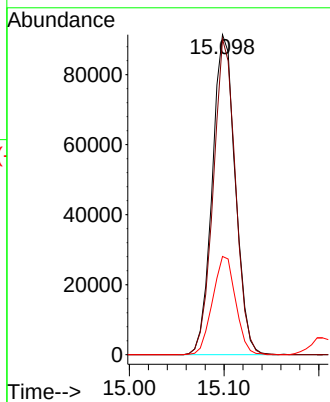
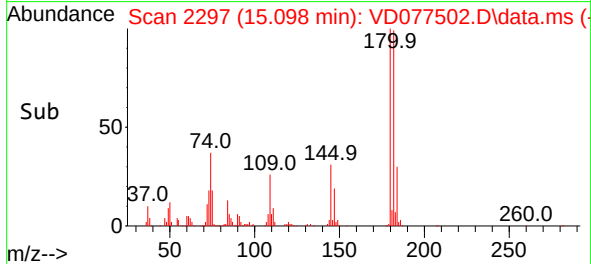
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



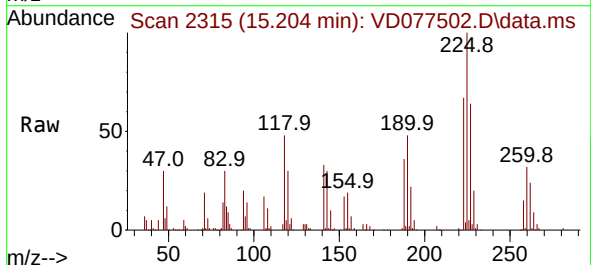
Tgt Ion:180 Resp: 15419
Ion Ratio Lower Upper
180 100
182 95.1 48.5 145.6
145 30.8 14.2 42.6

Manual Integrations
APPROVED

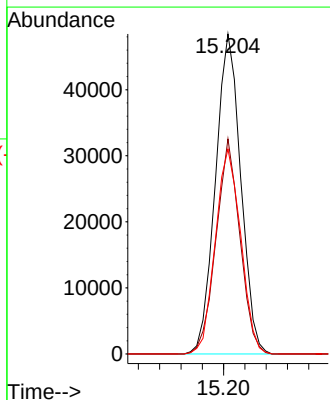
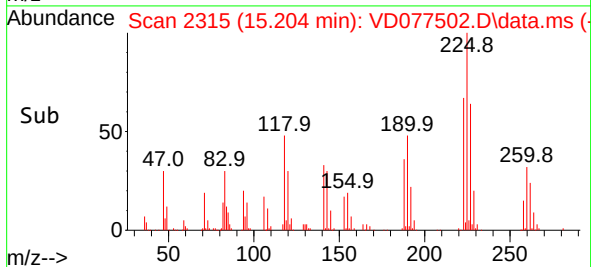
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

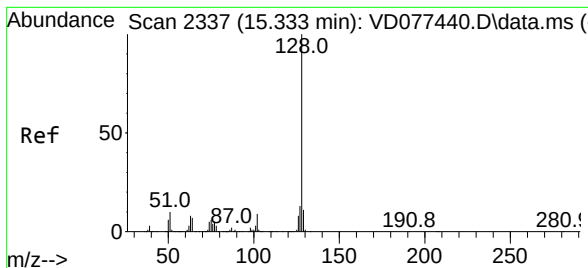


#94
Hexachlorobutadiene
Concen: 40.168 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38



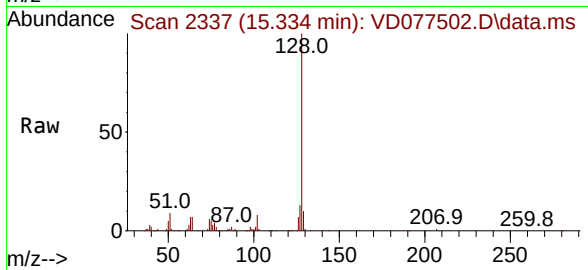
Tgt Ion:225 Resp: 79809
Ion Ratio Lower Upper
225 100
223 63.3 31.6 94.8
227 64.3 31.7 95.1





#95
Naphthalene
Concen: 44.026 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38

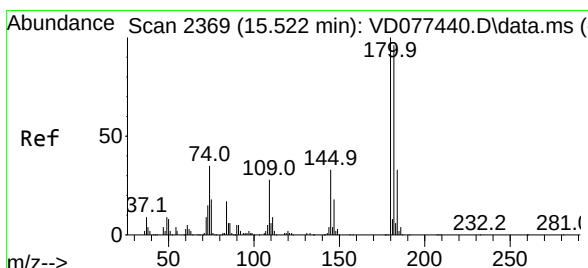
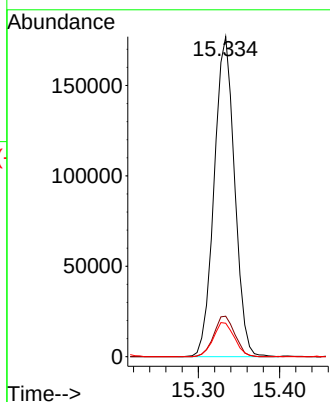
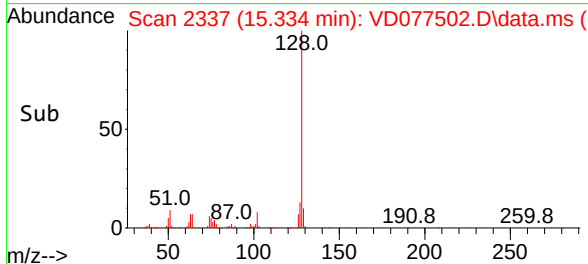
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



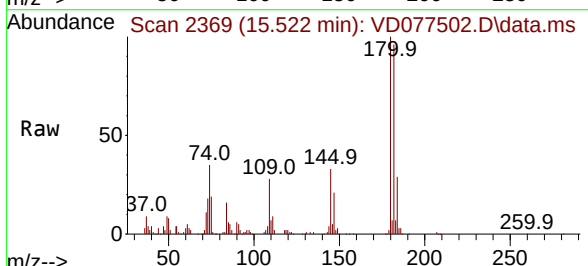
Tgt Ion:128 Resp: 309362
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#96
1,2,3-Trichlorobenzene
Concen: 41.778 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077502.D
Acq: 03 Nov 2023 18:38



Tgt Ion:180 Resp: 132835
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.9
145 32.8 15.1 45.3

