

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
 Data File : VD075694.D
 Acq On : 17 Apr 2023 10:47
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/18/2023
 Supervised By : Mahesh Dadoda 04/18/2023

Quant Time: Apr 18 01:16:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	228901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	365018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	369665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	175598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	97345	44.803	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.600%		
35) Dibromofluoromethane	7.805	113	122132	49.746	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.500%		
50) Toluene-d8	10.269	98	490726	49.913	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.820%		
62) 4-Bromofluorobenzene	12.575	95	135034	51.673	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	108196	50.871	ug/l	97
3) Chloromethane	2.146	50	160510	41.795	ug/l	100
4) Vinyl Chloride	2.287	62	233748	45.868	ug/l	98
5) Bromomethane	2.693	94	181588	45.636	ug/l	95
6) Chloroethane	2.840	64	155599	45.348	ug/l	92
7) Trichlorofluoromethane	3.175	101	204472	51.783	ug/l	98
8) Diethyl Ether	3.593	74	52842	42.997	ug/l	69
9) 1,1,2-Trichlorotrifluo...	3.964	101	130349	52.642	ug/l	95
10) Methyl Iodide	4.164	142	160120	47.250	ug/l	90
11) Tert butyl alcohol	5.052	59	22702	208.196	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	124590	48.595	ug/l	87
13) Acrolein	3.793	56	49220	223.780	ug/l	98
14) Allyl chloride	4.564	41	104707	44.843	ug/l #	82
15) Acrylonitrile	5.258	53	107082	233.283	ug/l	95
16) Acetone	4.017	43	108267	272.000	ug/l #	84
17) Carbon Disulfide	4.270	76	378898	45.161	ug/l	99
18) Methyl Acetate	4.564	43	60491	45.066	ug/l #	72
19) Methyl tert-butyl Ether	5.317	73	228499	45.923	ug/l	96
20) Methylene Chloride	4.805	84	140500	45.189	ug/l #	73
21) trans-1,2-Dichloroethene	5.317	96	145451	47.635	ug/l #	73
22) Diisopropyl ether	6.216	45	249768	47.339	ug/l #	90
23) Vinyl Acetate	6.152	43	609727	248.799	ug/l #	86
24) 1,1-Dichloroethane	6.111	63	203256	46.491	ug/l	99
25) 2-Butanone	7.081	43	125545	244.967	ug/l #	71
26) 2,2-Dichloropropane	7.075	77	184720	46.604	ug/l	89
27) cis-1,2-Dichloroethene	7.081	96	155400	45.943	ug/l	80
28) Bromochloromethane	7.422	49	62264	45.053	ug/l #	40
29) Tetrahydrofuran	7.440	42	67029	239.164	ug/l #	55
30) Chloroform	7.593	83	229809	46.367	ug/l	100
31) Cyclohexane	7.875	56	170340	49.961	ug/l #	77
32) 1,1,1-Trichloroethane	7.793	97	198262	49.058	ug/l	96
36) 1,1-Dichloropropene	8.010	75	179705	53.057	ug/l	93
37) Ethyl Acetate	7.169	43	51049	49.526	ug/l #	80
38) Carbon Tetrachloride	7.993	117	165744	55.570	ug/l	98
39) Methylcyclohexane	9.275	83	230684	58.900	ug/l #	88
40) Benzene	8.252	78	527259	50.076	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	22791	46.076	ug/l #	49
42) 1,2-Dichloroethane	8.328	62	121070	50.623	ug/l	89
43) Isopropyl Acetate	8.363	43	91295	48.572	ug/l #	78
44) Trichloroethene	9.028	130	152708	51.246	ug/l	91
45) 1,2-Dichloropropane	9.305	63	117475	49.787	ug/l	95
46) Dibromomethane	9.393	93	72789	48.627	ug/l	92
47) Bromodichloromethane	9.587	83	170425	49.773	ug/l	96
48) Methyl methacrylate	9.381	41	43306	51.715	ug/l #	59
49) 1,4-Dioxane	9.387	88	13973	940.859	ug/l #	75
51) 4-Methyl-2-Pentanone	10.157	43	253631	253.086	ug/l #	79
52) Toluene	10.334	92	351404	50.190	ug/l	95
53) t-1,3-Dichloropropene	10.557	75	165548	50.436	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	190273	48.789	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	114468	52.814	ug/l	92
56) Ethyl methacrylate	10.599	69	116956	54.833	ug/l #	67
57) 1,3-Dichloropropane	10.881	76	175596	53.366	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	230162	251.260	ug/l #	87
59) 2-Hexanone	10.922	43	222155	315.278	ug/l	73
60) Dibromochloromethane	11.075	129	134401	52.994	ug/l	100
61) 1,2-Dibromoethane	11.181	107	105101	50.834	ug/l	96
64) Tetrachloroethene	10.810	164	153400	57.620	ug/l	95
65) Chlorobenzene	11.610	112	379181	47.889	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	129939	47.737	ug/l	95
67) Ethyl Benzene	11.687	91	648251	50.448	ug/l	97
68) m/p-Xylenes	11.793	106	542767	103.066	ug/l	90
69) o-Xylene	12.122	106	243866	51.212	ug/l	91
70) Styrene	12.140	104	422117	48.282	ug/l	93
71) Bromoform	12.304	173	71253	50.076	ug/l #	98
73) Isopropylbenzene	12.422	105	626823	54.391	ug/l	97
74) N-amyl acetate	12.240	43	86013	50.791	ug/l #	71
75) 1,1,2,2-Tetrachloroethane	12.675	83	113056	50.501	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	62932m	43.947	ug/l	
77) Bromobenzene	12.704	156	150827	50.765	ug/l	87
78) n-propylbenzene	12.763	91	764868	54.145	ug/l	96
79) 2-Chlorotoluene	12.851	91	402866	50.282	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	516809	53.792	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	32914	49.817	ug/l #	76
82) 4-Chlorotoluene	12.951	91	415816	49.911	ug/l	90
83) tert-Butylbenzene	13.169	119	439219	54.219	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	517352	53.665	ug/l	93
85) sec-Butylbenzene	13.345	105	691936	55.367	ug/l	98
86) p-Isopropyltoluene	13.463	119	575786	55.344	ug/l	93
87) 1,3-Dichlorobenzene	13.463	146	313342	50.695	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	308122	50.459	ug/l	97
89) n-Butylbenzene	13.793	91	528590	55.157	ug/l	98
90) Hexachloroethane	14.057	117	105051	50.820	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	265439	50.133	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	14022	46.723	ug/l	70
93) 1,2,4-Trichlorobenzene	15.104	180	150908	48.991	ug/l	97
94) Hexachlorobutadiene	15.210	225	74481	50.589	ug/l	98
95) Naphthalene	15.334	128	292140	50.061	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	132547	48.888	ug/l	99

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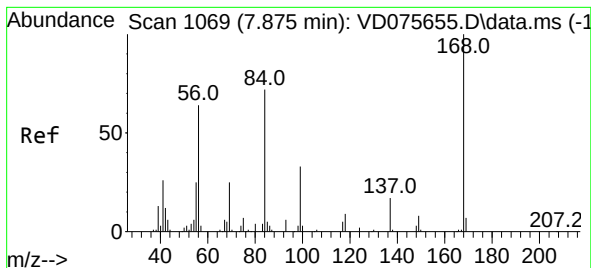
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration

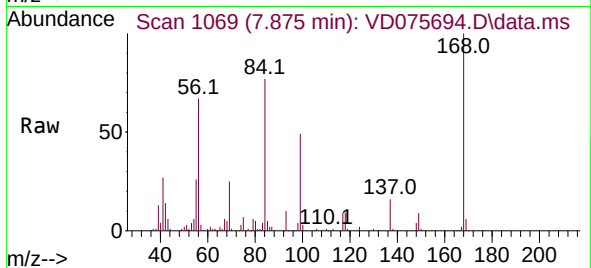
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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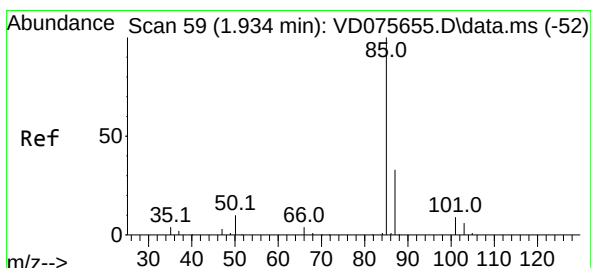
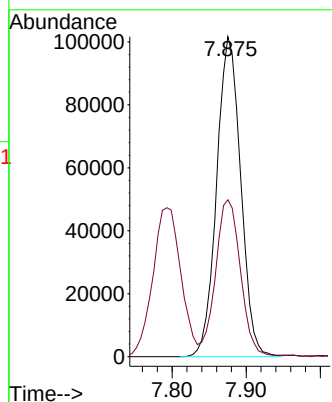
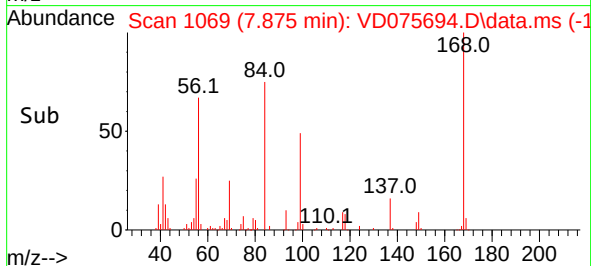
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 22890
Ion Ratio Lower Upper
168 100
99 48.8 43.8 65.6

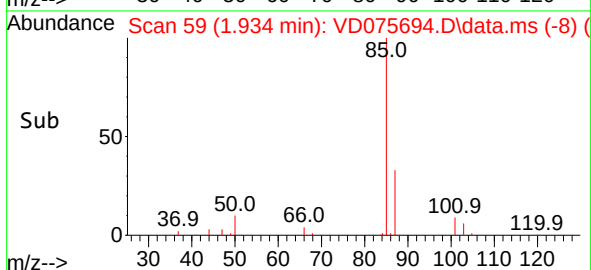
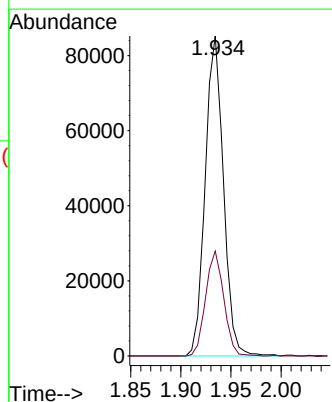
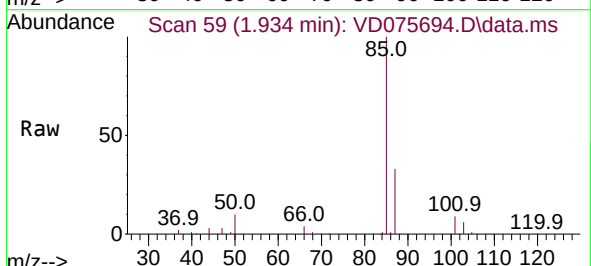
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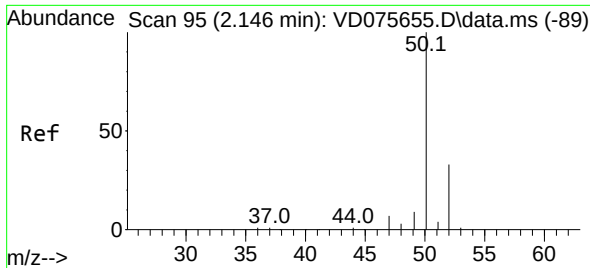
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#2
Dichlorodifluoromethane
Concen: 50.871 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

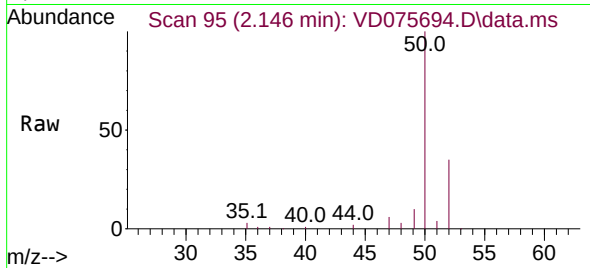
Tgt Ion: 85 Resp: 108196
Ion Ratio Lower Upper
85 100
87 32.8 17.3 51.7





#3
Chloromethane
Concen: 41.795 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

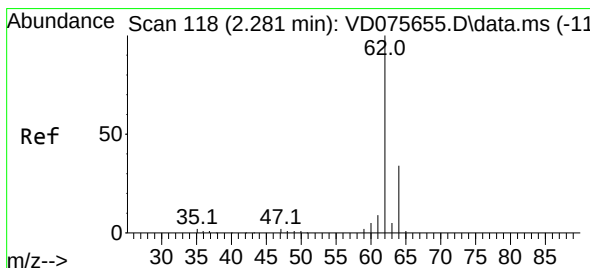
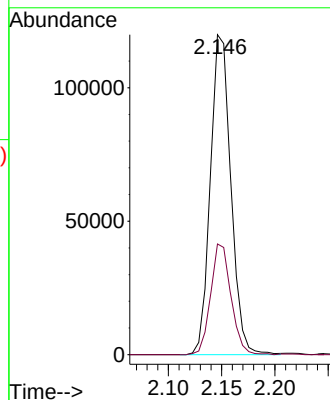
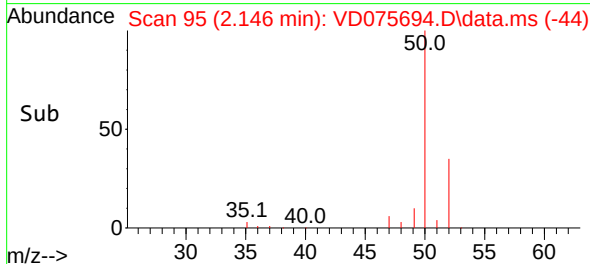
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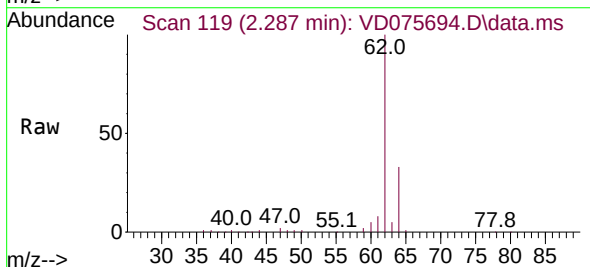
Tgt Ion: 50 Resp: 160510
Ion Ratio Lower Upper
50 100
52 34.6 27.8 41.8

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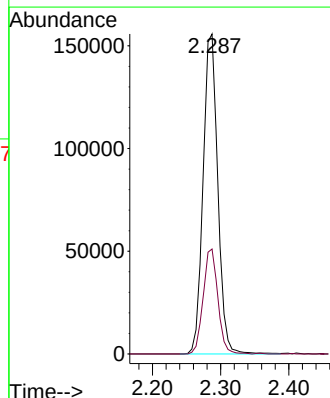
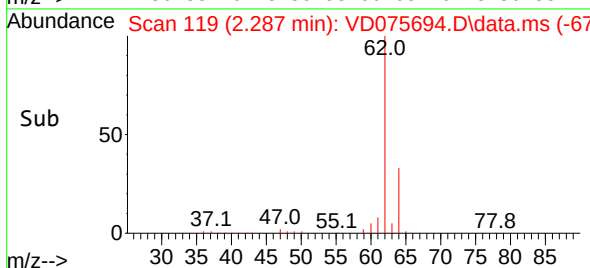
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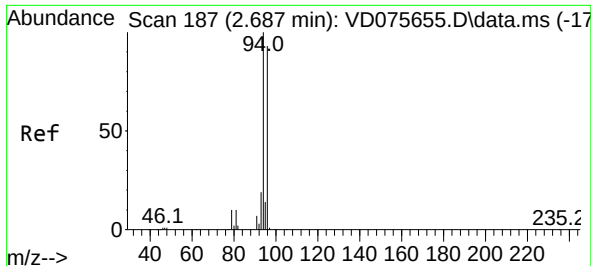


#4
Vinyl Chloride
Concen: 45.868 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.006 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47



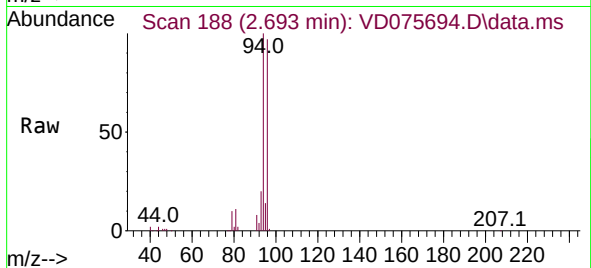
Tgt Ion: 62 Resp: 233748
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0





#5
Bromomethane
Concen: 45.636 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

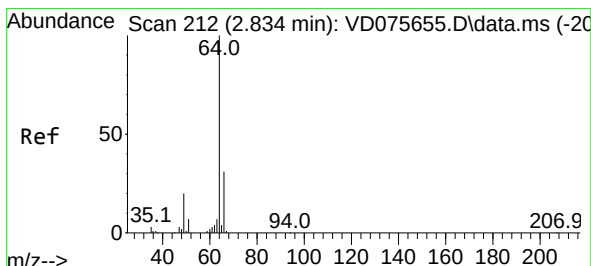
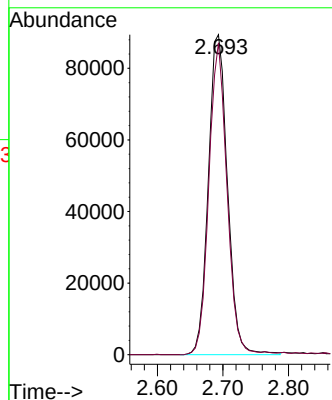
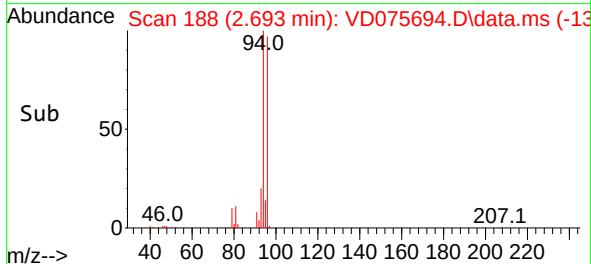
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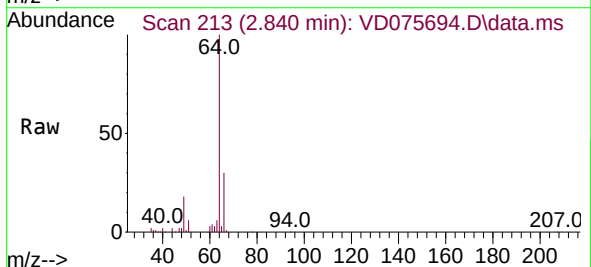
Tgt Ion: 94 Resp: 181588
Ion Ratio Lower Upper
94 100
96 91.8 77.5 116.3

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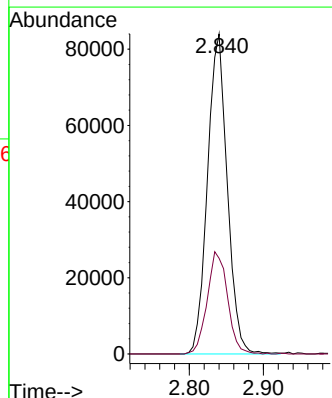
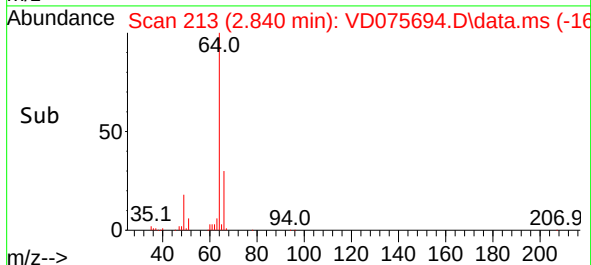
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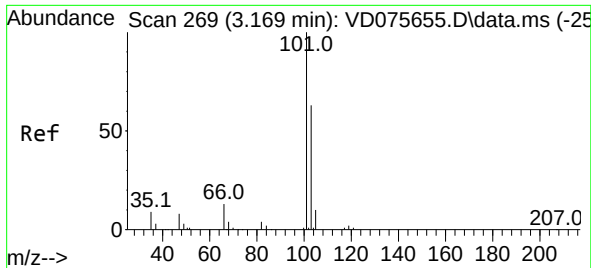


#6
Chloroethane
Concen: 45.348 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47



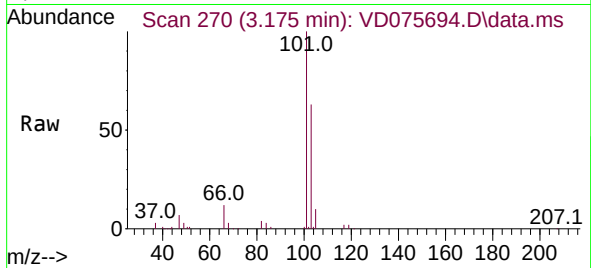
Tgt Ion: 64 Resp: 155599
Ion Ratio Lower Upper
64 100
66 29.9 27.7 41.5





#7
Trichlorofluoromethane
Concen: 51.783 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075694.D
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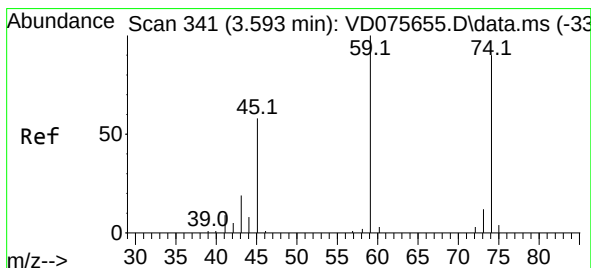
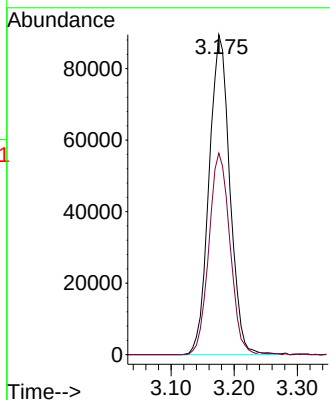
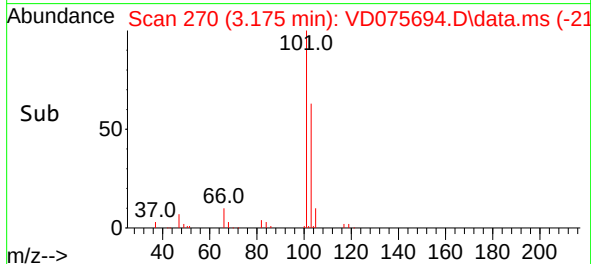
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 204472
Ion Ratio Lower Upper
101 100
103 63.0 51.9 77.9

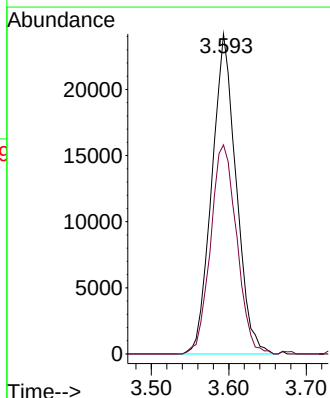
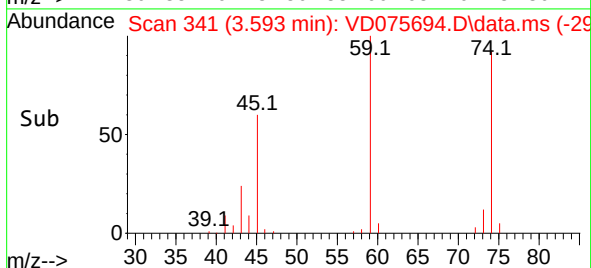
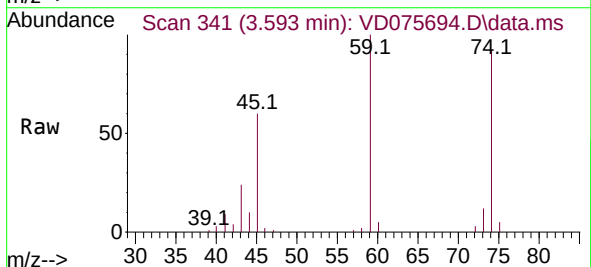
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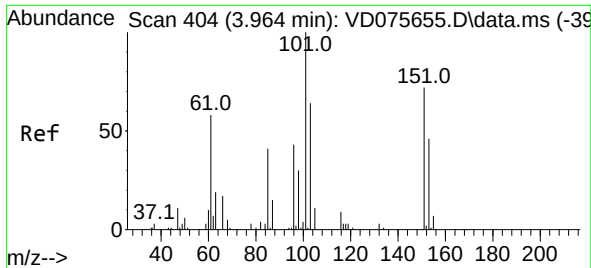
Reviewed By :John Carlone 04/18/2023
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#8
Diethyl Ether
Concen: 42.997 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 52842
Ion Ratio Lower Upper
74 100
45 70.1 50.9 152.7





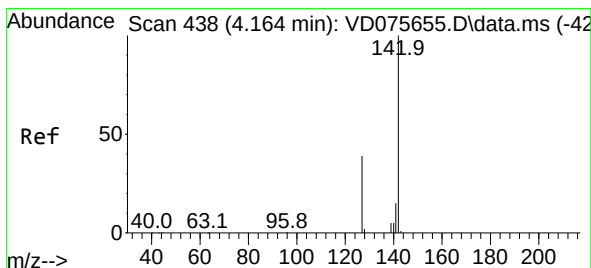
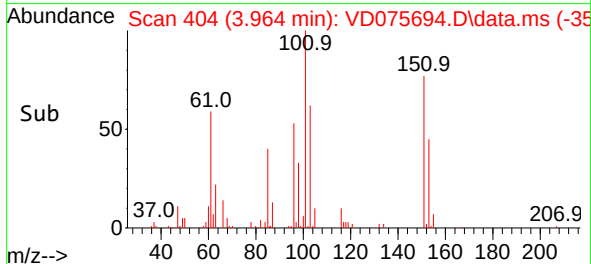
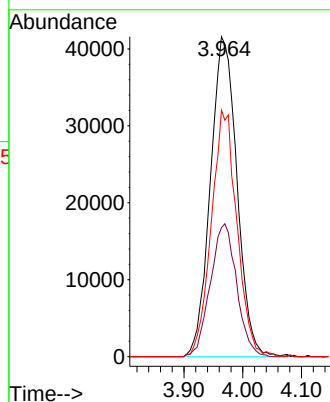
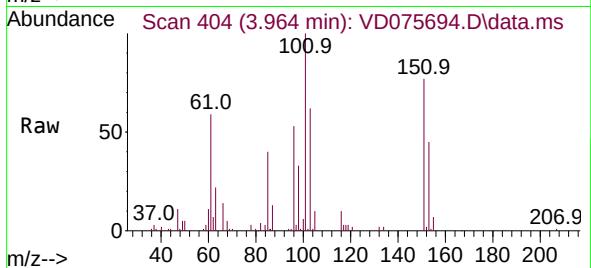
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.642 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 130349
Ion Ratio Lower Upper
101 100
85 41.2 38.3 57.5
151 74.4 60.4 90.6

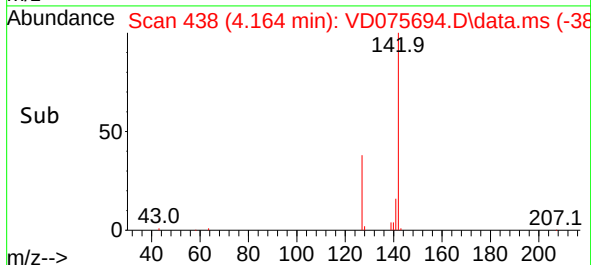
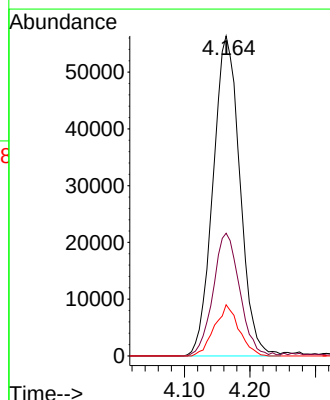
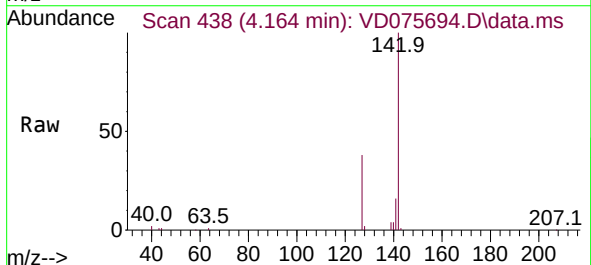
Manual Integrations
APPROVED

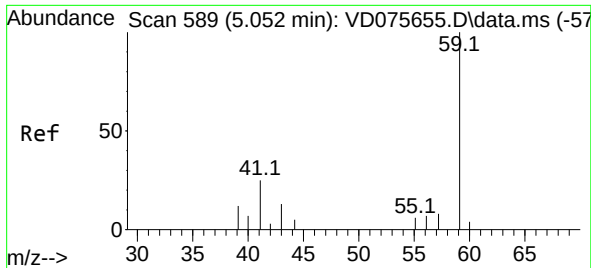
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#10
Methyl Iodide
Concen: 47.250 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

Tgt Ion:142 Resp: 160120
Ion Ratio Lower Upper
142 100
127 38.1 37.1 55.7
141 14.7 11.3 16.9





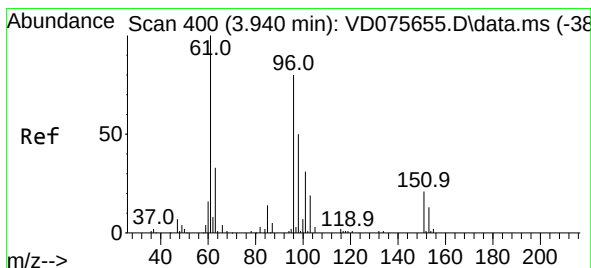
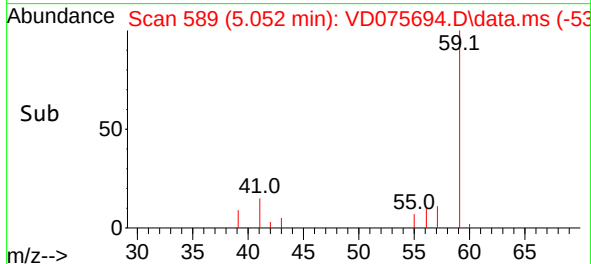
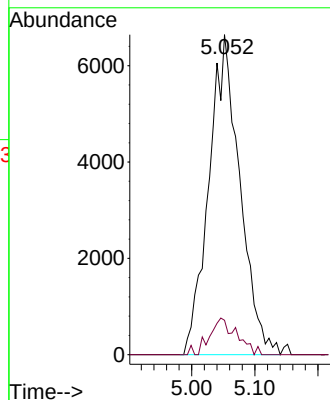
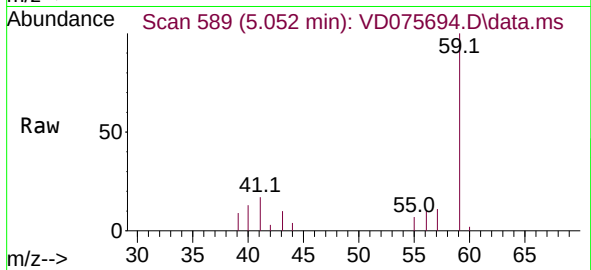
#11
Tert butyl alcohol
Concen: 208.196 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 2270
Ion Ratio Lower Upper
59 100
57 9.7 0.0 0.0

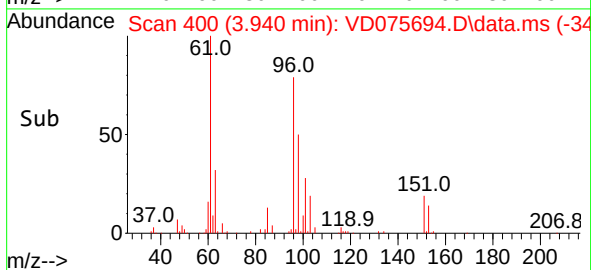
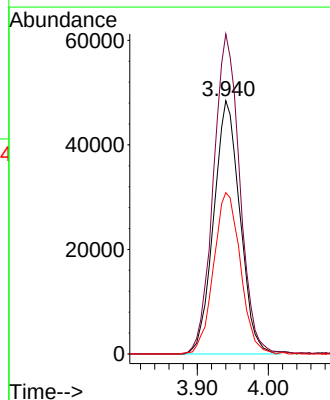
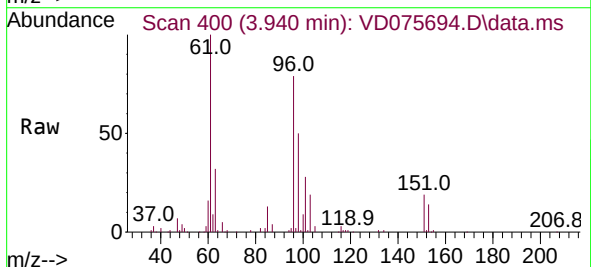
Manual Integrations
APPROVED

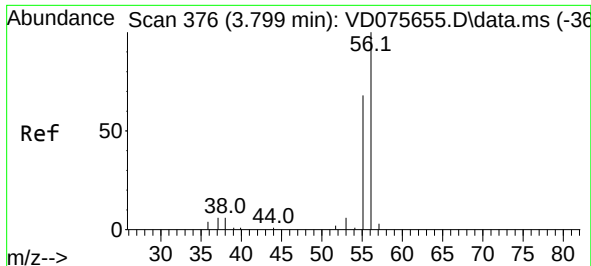
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#12
1,1-Dichloroethene
Concen: 48.595 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

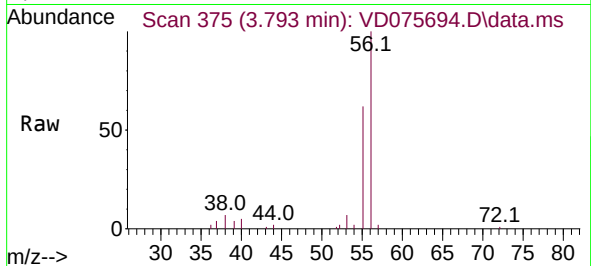
Tgt Ion: 96 Resp: 124590
Ion Ratio Lower Upper
96 100
61 126.4 118.6 177.8
98 63.7 49.7 74.5





#13
Acrolein
Concen: 223.780 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

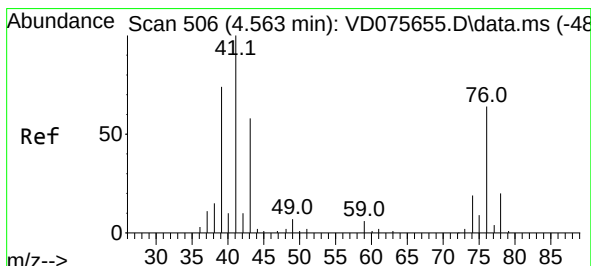
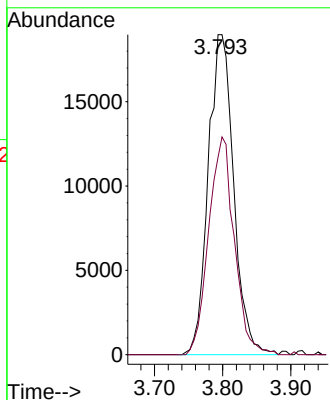
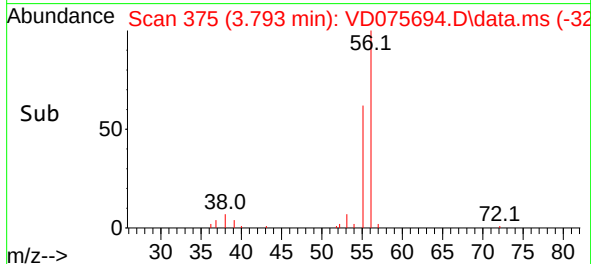
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 49220
Ion Ratio Lower Upper
56 100
55 68.7 53.9 80.9

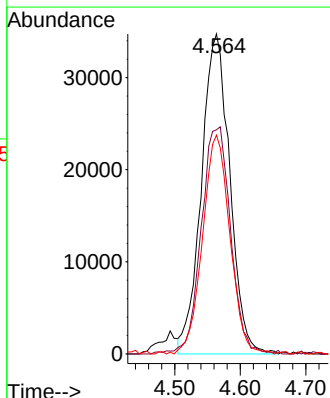
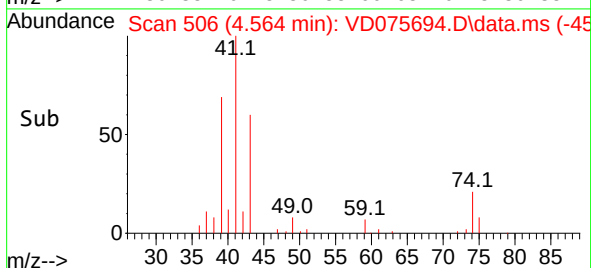
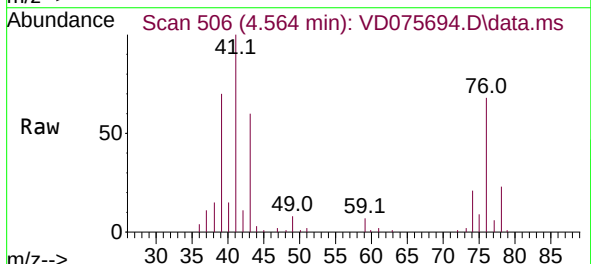
Manual Integrations
APPROVED

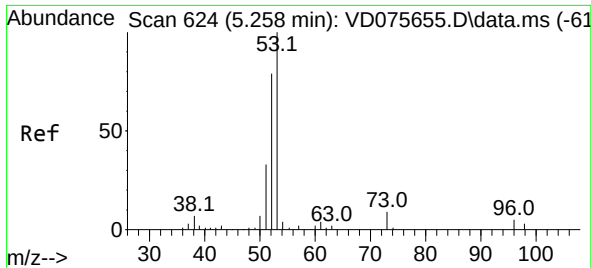
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#14
Allyl chloride
Concen: 44.843 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

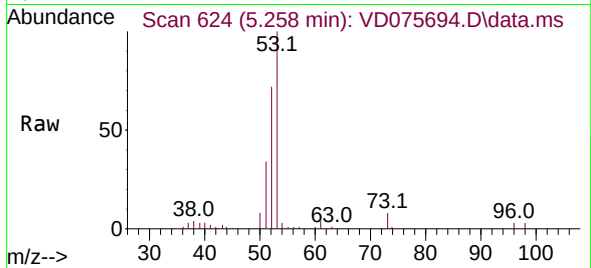
Tgt Ion: 41 Resp: 104707
Ion Ratio Lower Upper
41 100
39 73.1 60.6 90.8
76 65.8 28.6 43.0#





#15
Acrylonitrile
Concen: 233.283 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

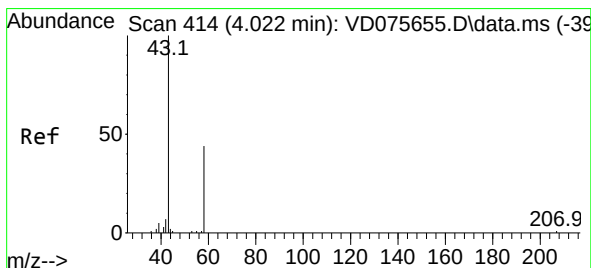
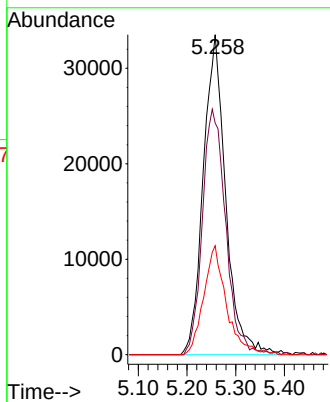
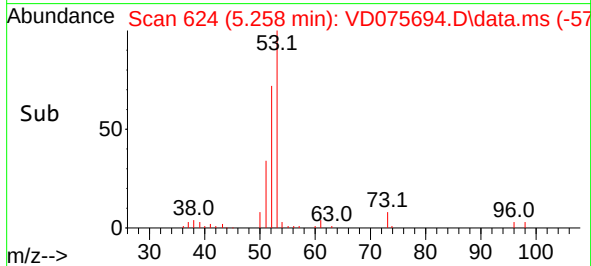
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



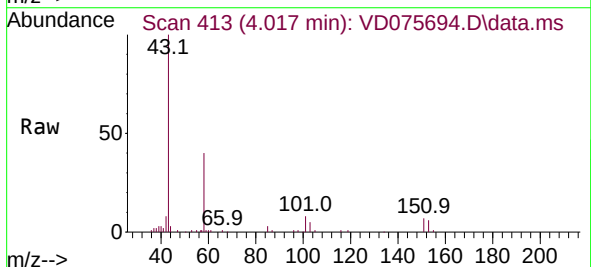
Tgt Ion: 53 Resp: 10708
Ion Ratio Lower Upper
53 100
52 79.7 66.2 99.4
51 34.3 30.7 46.1

Manual Integrations
APPROVED

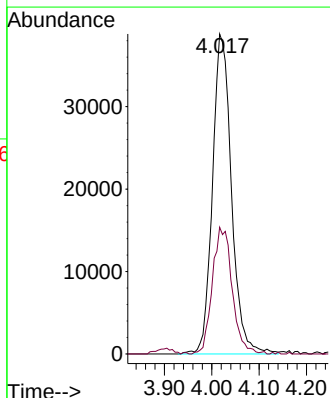
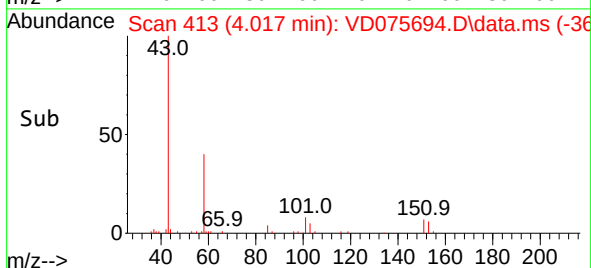
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

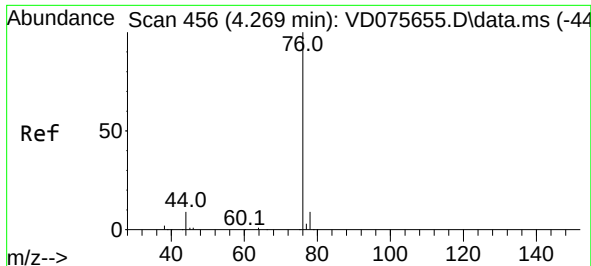


#16
Acetone
Concen: 272.000 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47



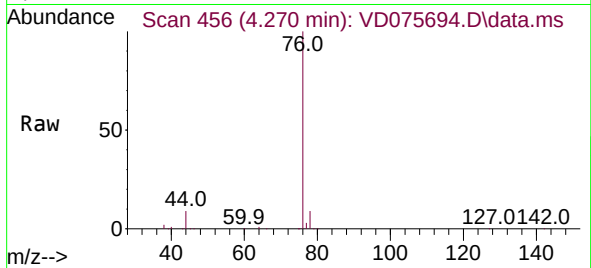
Tgt Ion: 43 Resp: 108267
Ion Ratio Lower Upper
43 100
58 39.0 24.4 36.6#





#17
Carbon Disulfide
Concen: 45.161 ug/l
RT: 4.270 min Scan# 456
Delta R.T. 0.001 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

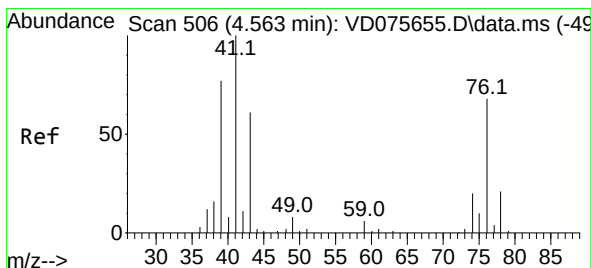
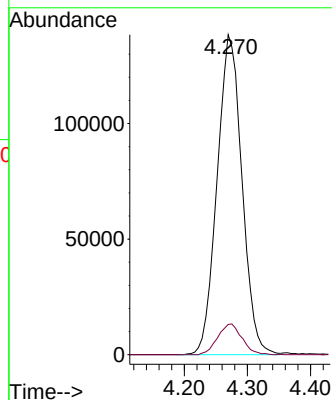
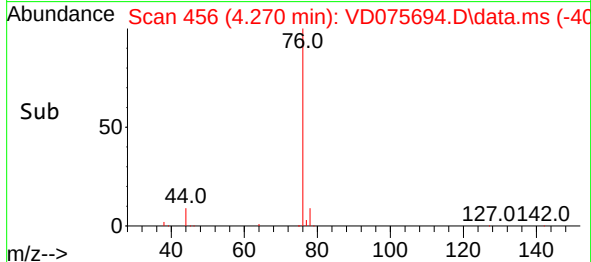
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 378898
Ion Ratio Lower Upper
76 100
78 9.5 8.0 12.0

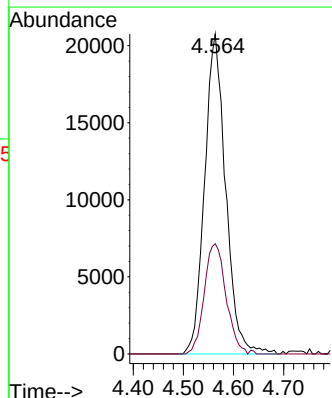
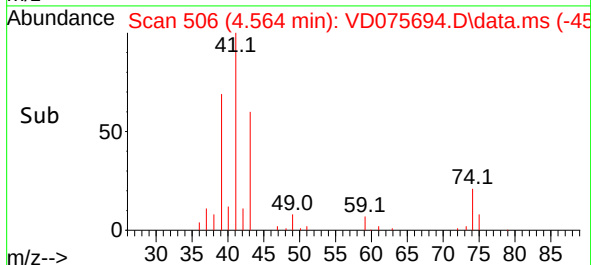
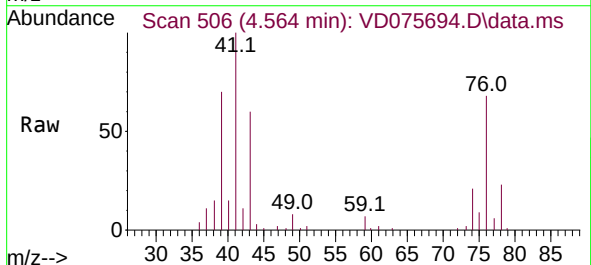
Manual Integrations
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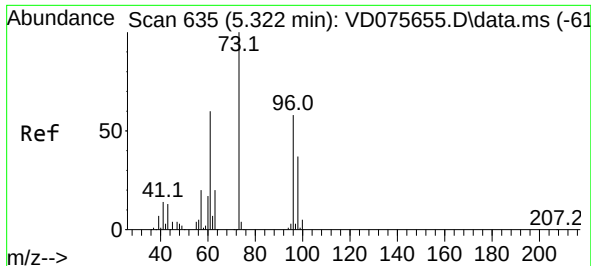
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#18
Methyl Acetate
Concen: 45.066 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

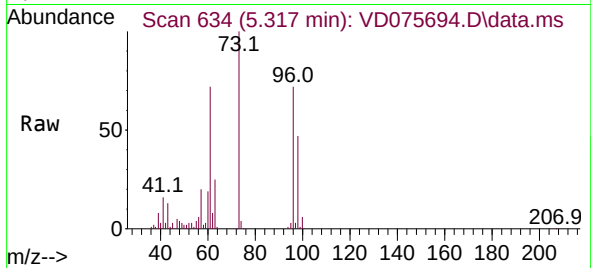
Tgt Ion: 43 Resp: 60491
Ion Ratio Lower Upper
43 100
74 35.6 17.8 26.6#





#19
Methyl tert-butyl Ether
Concen: 45.923 ug/l
RT: 5.317 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

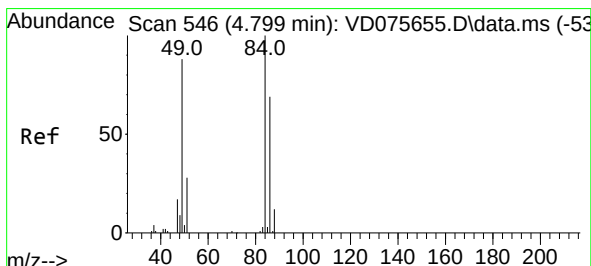
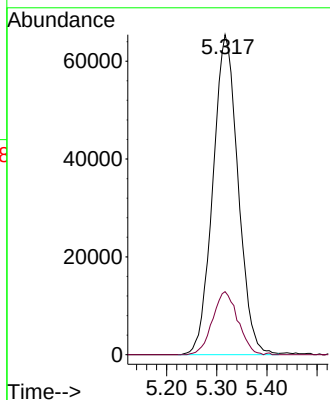
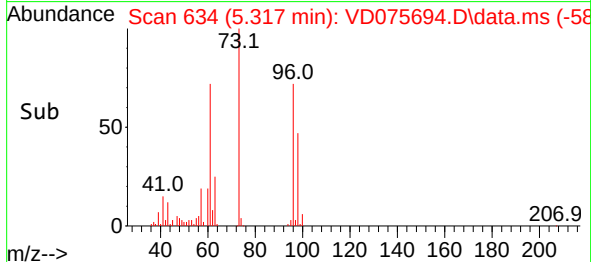
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



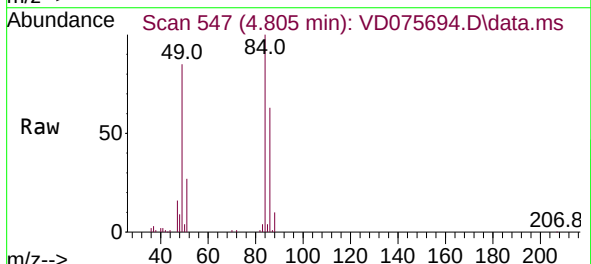
Tgt Ion: 73 Resp: 22849
Ion Ratio Lower Upper
73 100
57 19.7 17.2 25.8

Manual Integrations
APPROVED

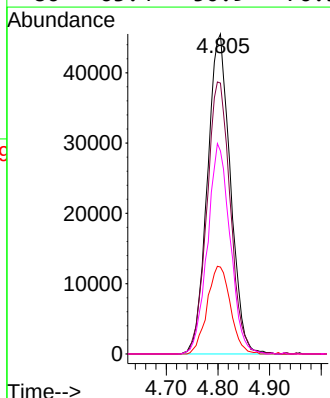
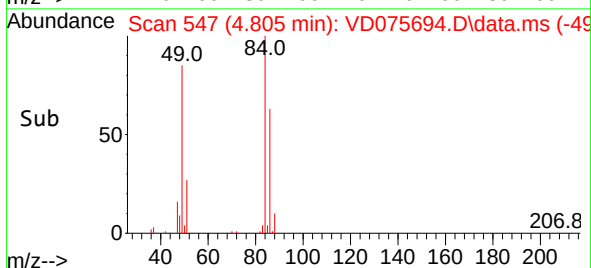
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

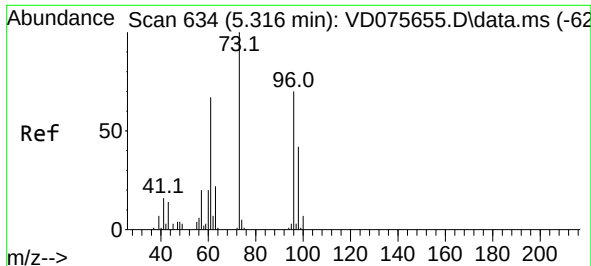


#20
Methylene Chloride
Concen: 45.189 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47



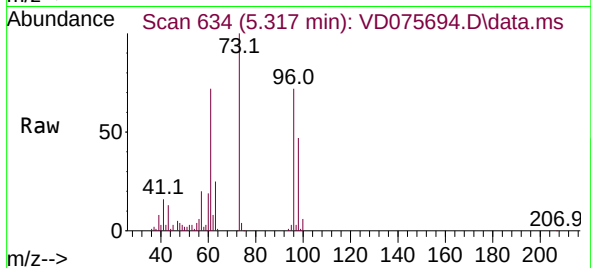
Tgt Ion: 84 Resp: 140500
Ion Ratio Lower Upper
84 100
49 84.7 106.4 159.6#
51 27.2 32.4 48.6#
86 63.4 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 47.635 ug/l
RT: 5.317 min Scan# 611
Delta R.T. 0.001 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

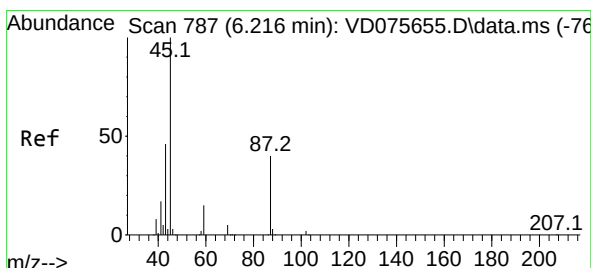
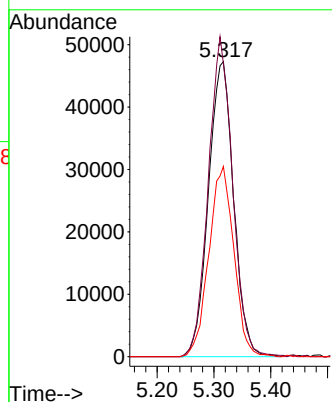
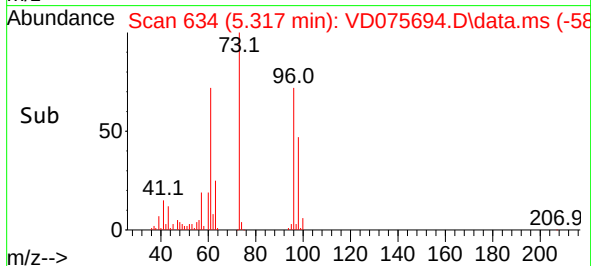
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



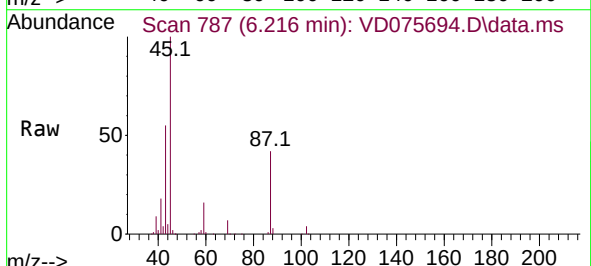
Tgt Ion: 96 Resp: 14545
Ion Ratio Lower Upper
96 100
61 99.3 117.2 175.8
98 64.5 50.6 76.0

Manual Integrations
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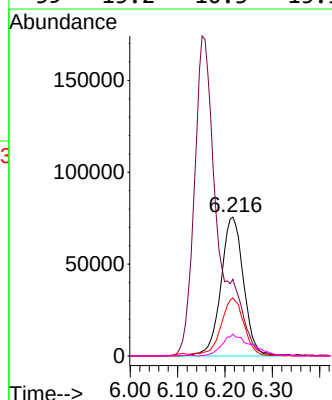
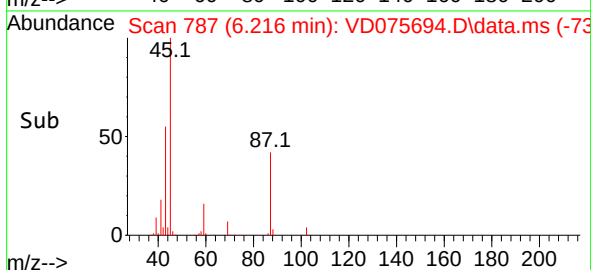
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

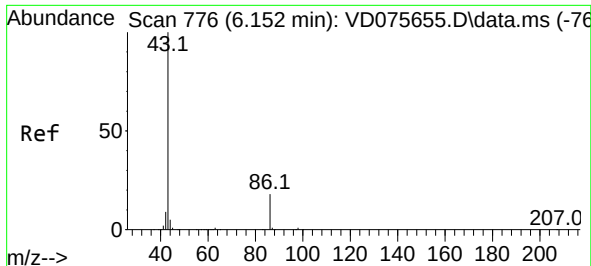


#22
Diisopropyl ether
Concen: 47.339 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47



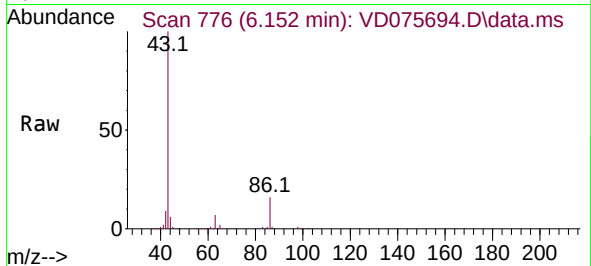
Tgt Ion: 45 Resp: 249768
Ion Ratio Lower Upper
45 100
43 54.3 44.4 66.6
87 41.4 20.9 31.3#
59 15.2 10.3 15.5





#23
 Vinyl Acetate
 Concen: 248.799 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD075694.D
 Acq: 17 Apr 2023 10:47

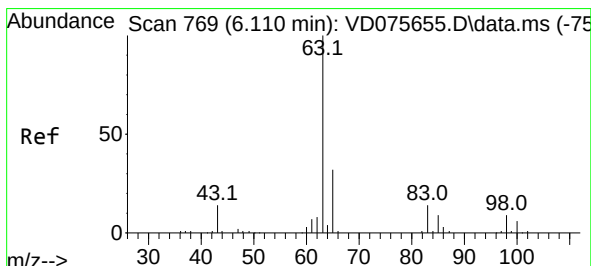
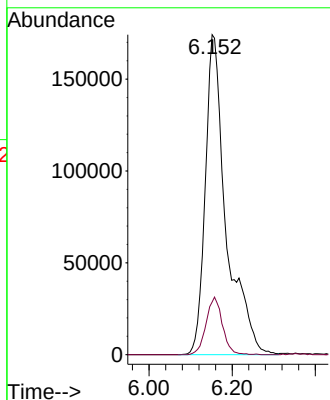
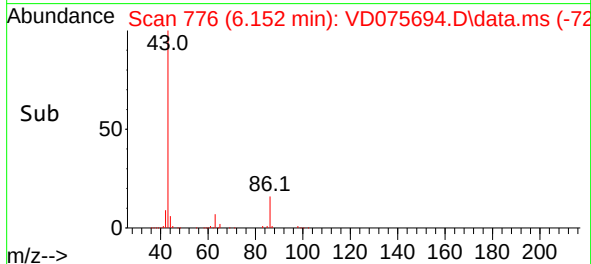
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



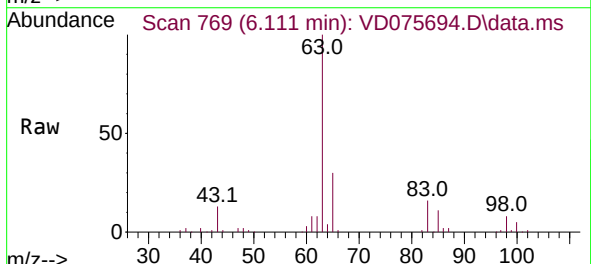
Tgt Ion: 43 Resp: 60972
 Ion Ratio Lower Upper
 43 100
 86 16.5 9.0 13.6

Manual Integrations
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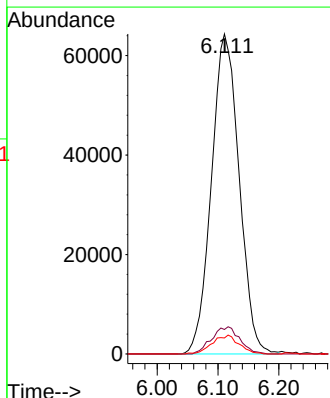
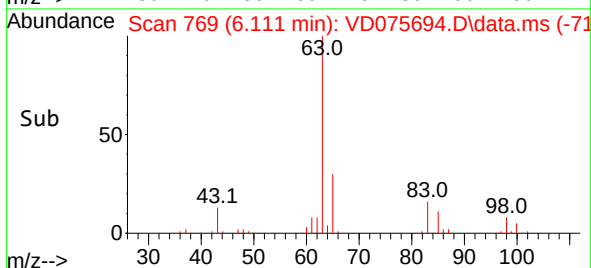
Reviewed By :John Carlone 04/18/2023
 Supervised By :Mahesh Dadoda 04/18/2023

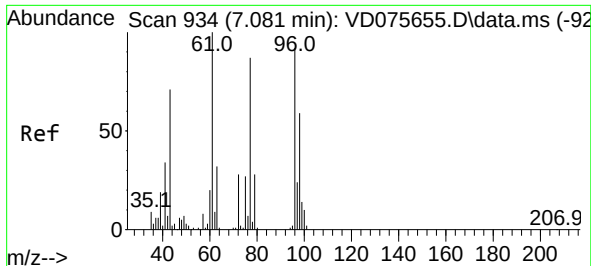


#24
 1,1-Dichloroethane
 Concen: 46.491 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.001 min
 Lab File: VD075694.D
 Acq: 17 Apr 2023 10:47



Tgt Ion: 63 Resp: 203256
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 5.0 2.0 6.0





#25

2-Butanone

Concen: 244.967 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075694.D

Acq: 17 Apr 2023 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 12554

Ion Ratio Lower Upper

43 100

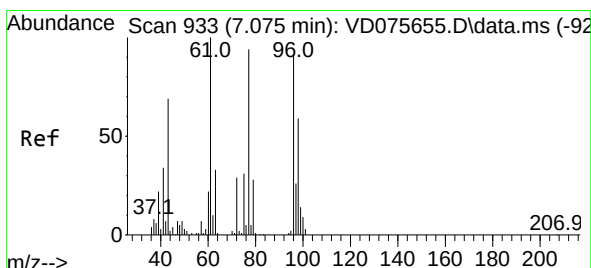
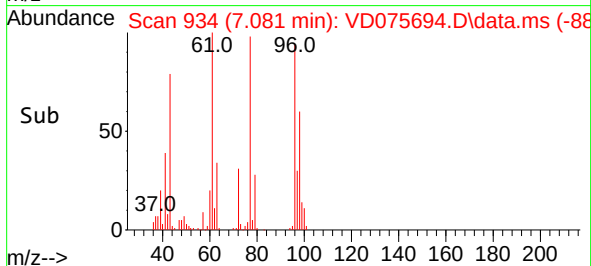
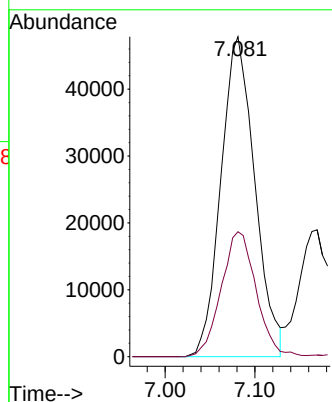
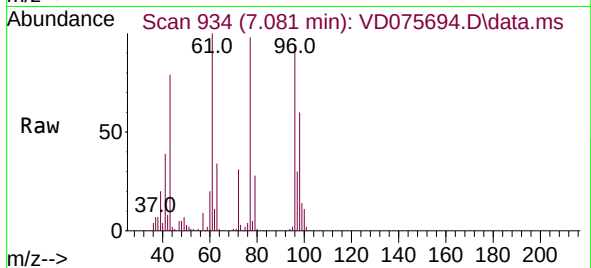
72 39.1 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#26

2,2-Dichloropropane

Concen: 46.604 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD075694.D

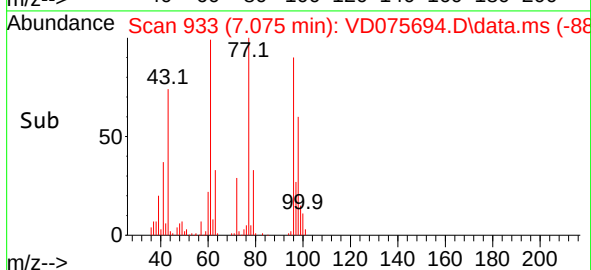
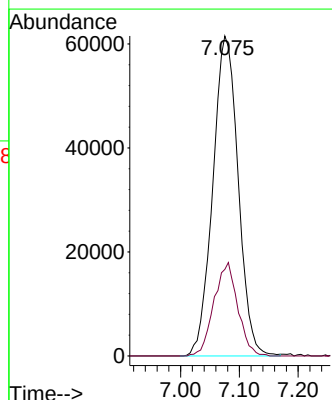
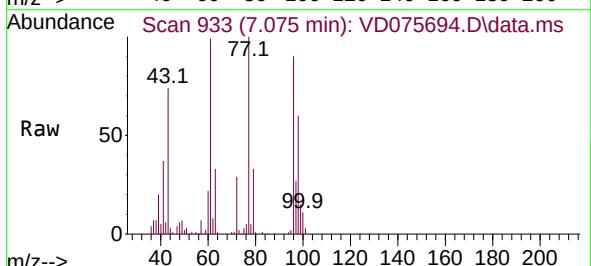
Acq: 17 Apr 2023 10:47

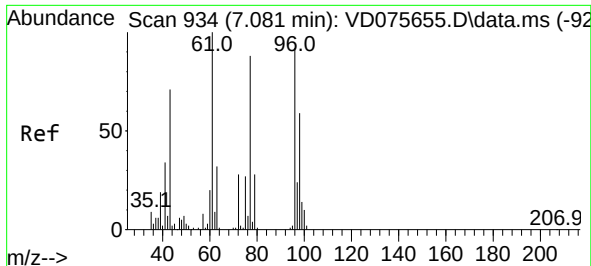
Tgt Ion: 77 Resp: 184720

Ion Ratio Lower Upper

77 100

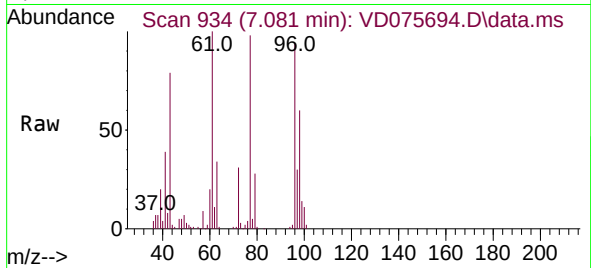
97 27.4 11.1 33.1





#27
cis-1,2-Dichloroethene
Concen: 45.943 ug/l
RT: 7.081 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

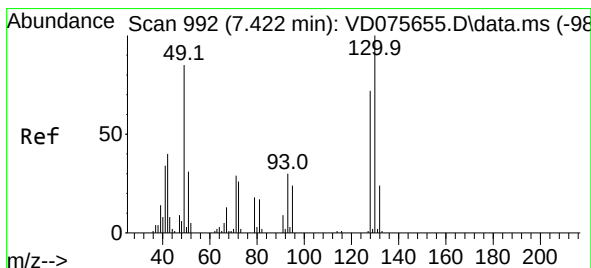
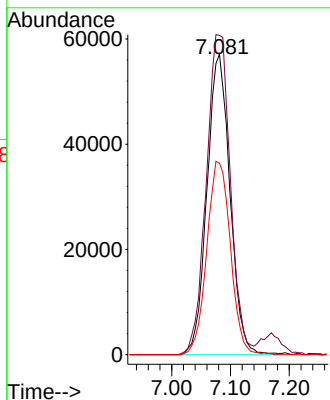
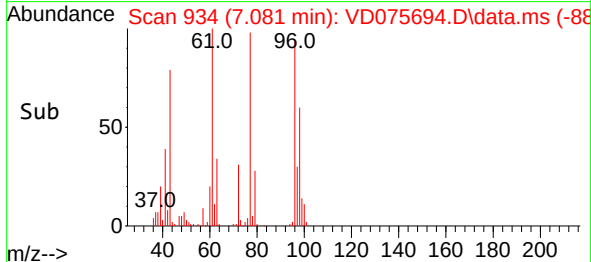
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 155400
Ion Ratio Lower Upper
96 100
61 111.7 0.0 295.2
98 66.0 0.0 129.2

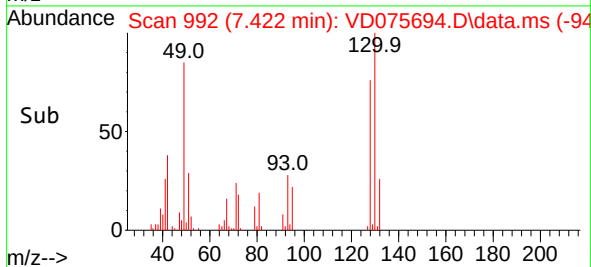
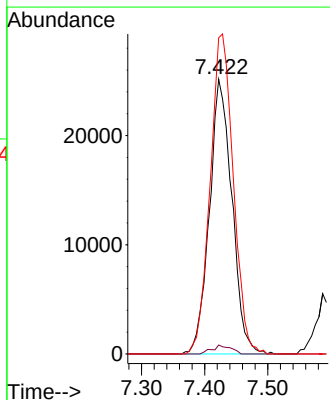
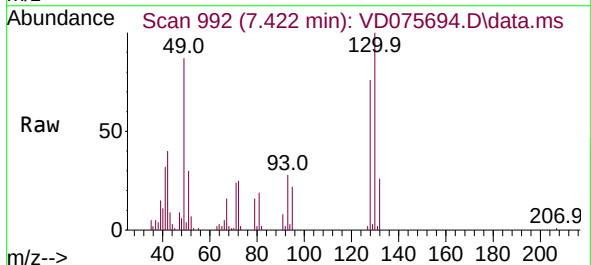
Manual Integrations
APPROVED

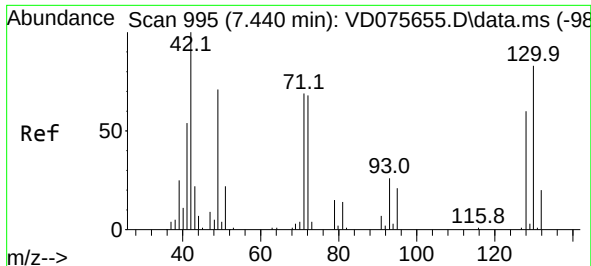
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#28
Bromochloromethane
Concen: 45.053 ug/l
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

Tgt Ion: 49 Resp: 62264
Ion Ratio Lower Upper
49 100
129 2.7 0.0 2.2#
130 119.9 56.0 84.0#





#29

Tetrahydrofuran

Concen: 239.164 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.000 min

Lab File: VD075694.D

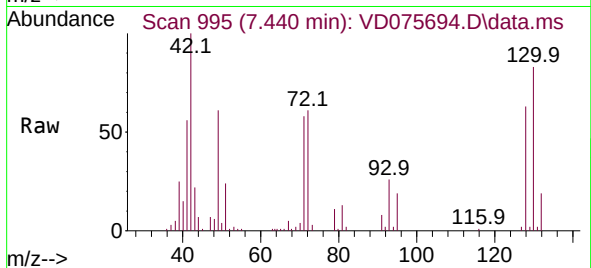
Acq: 17 Apr 2023 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 67029

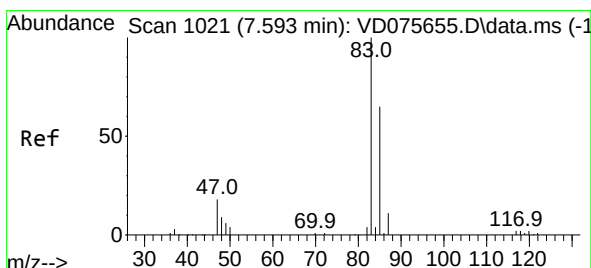
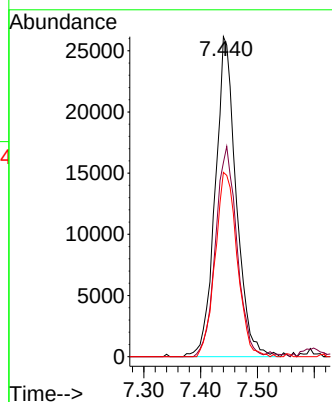
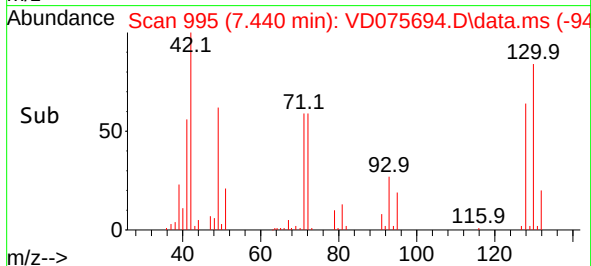
Ion	Ratio	Lower	Upper
42	100		
72	66.8	31.8	47.6
71	60.6	27.6	41.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#30

Chloroform

Concen: 46.367 ug/l

RT: 7.593 min Scan# 1021

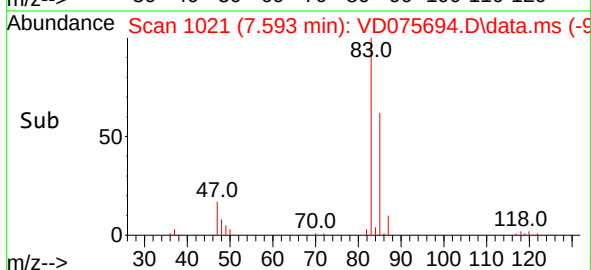
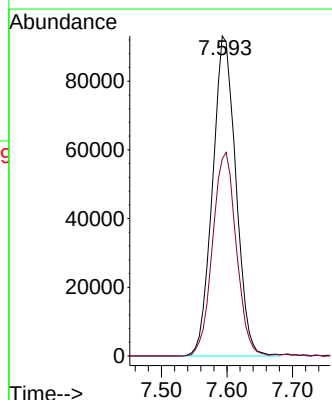
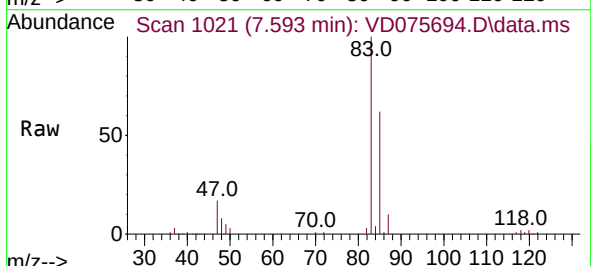
Delta R.T. -0.000 min

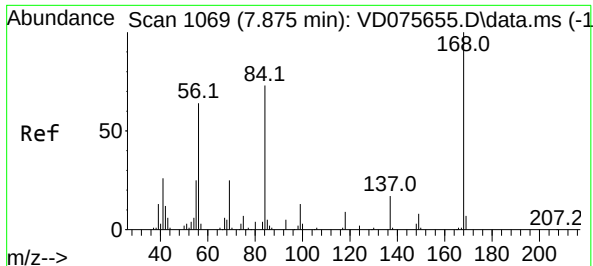
Lab File: VD075694.D

Acq: 17 Apr 2023 10:47

Tgt Ion: 83 Resp: 229809

Ion	Ratio	Lower	Upper
83	100		
85	61.7	49.4	74.2





#31

Cyclohexane

Concen: 49.961 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD075694.D

Acq: 17 Apr 2023 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 170340

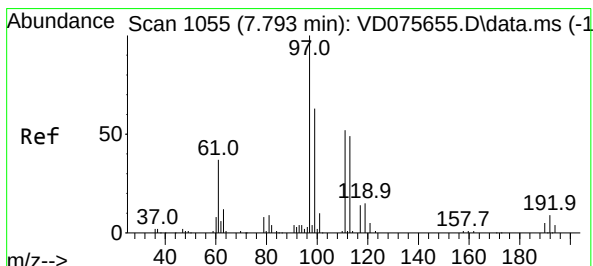
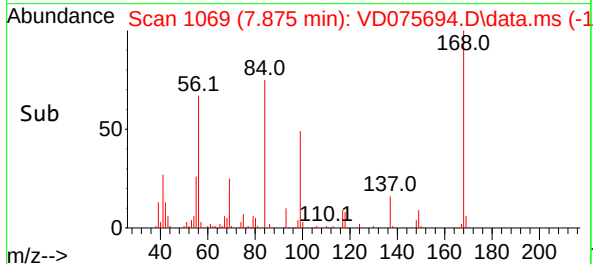
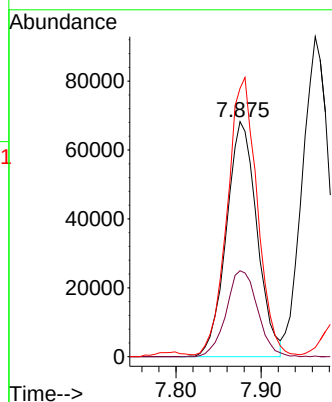
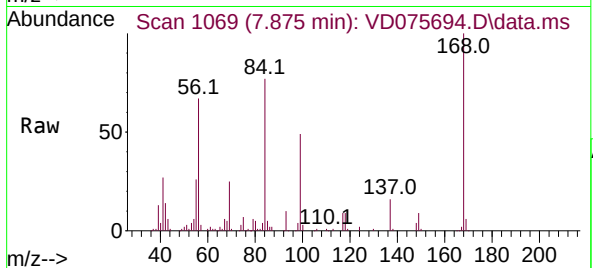
Ion	Ratio	Lower	Upper
56	100		
69	36.6	25.5	38.3
84	112.9	69.6	104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#32

1,1,1-Trichloroethane

Concen: 49.058 ug/l

RT: 7.793 min Scan# 1055

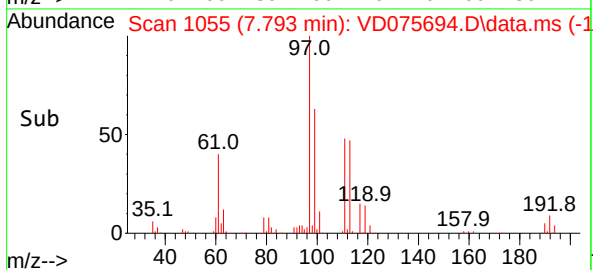
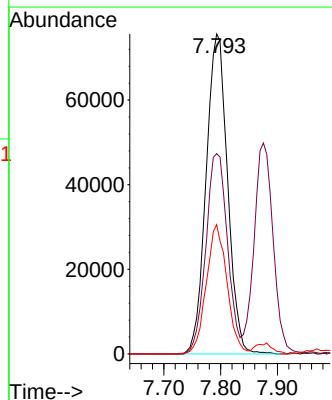
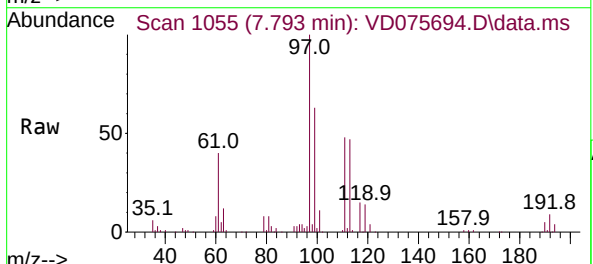
Delta R.T. -0.000 min

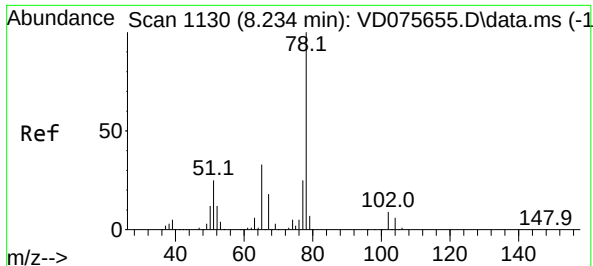
Lab File: VD075694.D

Acq: 17 Apr 2023 10:47

Tgt Ion: 97 Resp: 198262

Ion	Ratio	Lower	Upper
97	100		
99	63.0	50.5	75.7
61	39.0	36.6	55.0





#33

1,2-Dichloroethane-d4

Concen: 44.803 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD075694.D

Acq: 17 Apr 2023 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

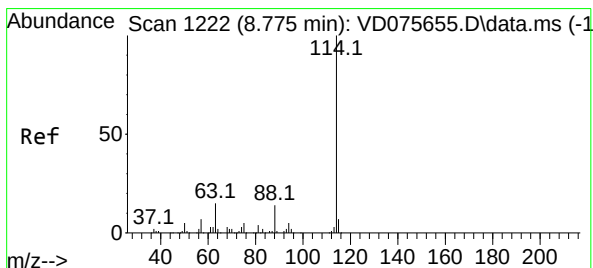
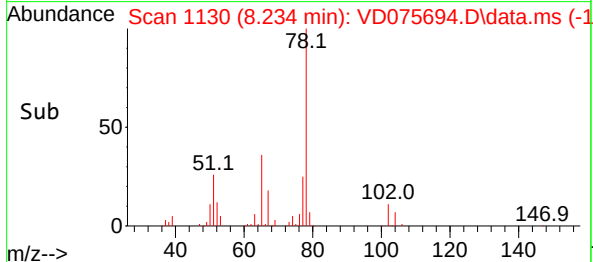
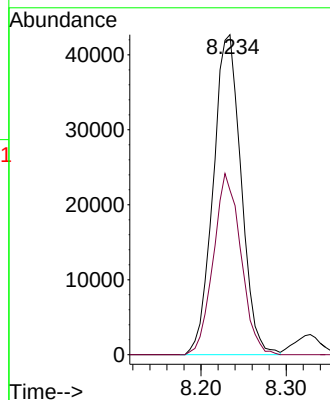
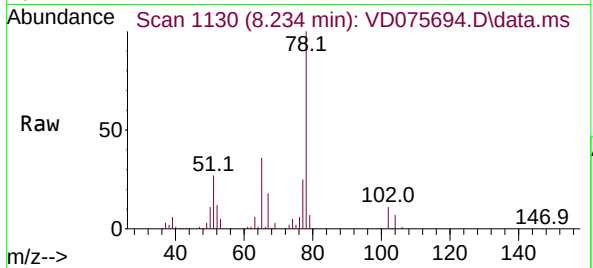
Tgt Ion: 65 Resp: 97345
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 102.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

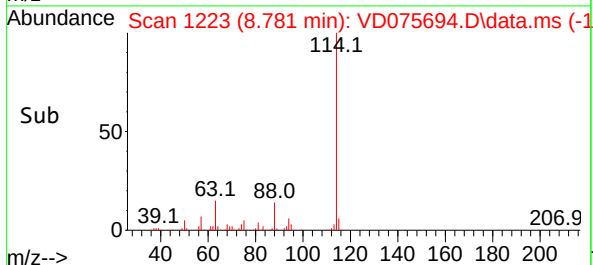
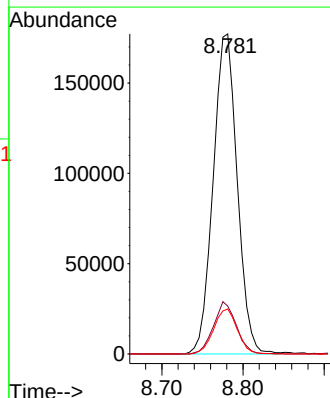
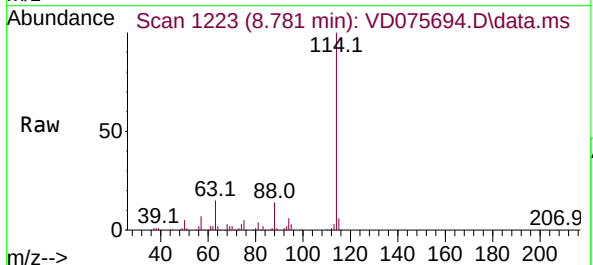
RT: 8.781 min Scan# 1223

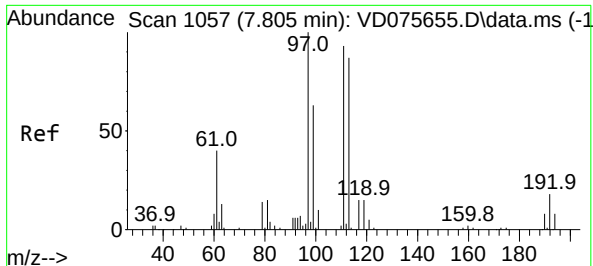
Delta R.T. 0.006 min

Lab File: VD075694.D

Acq: 17 Apr 2023 10:47

Tgt Ion:114 Resp: 365018
 Ion Ratio Lower Upper
 114 100
 63 14.9 0.0 41.6
 88 14.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.746 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075694.D

Acq: 17 Apr 2023 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 12213

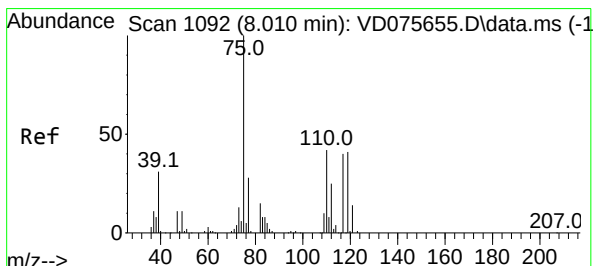
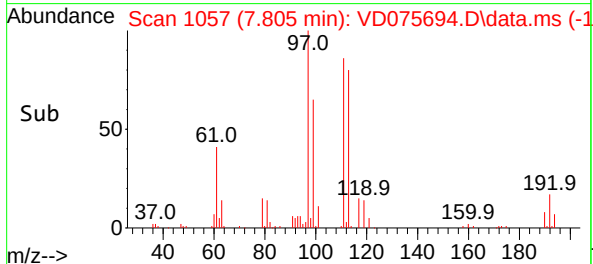
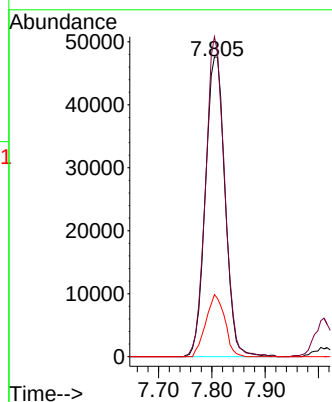
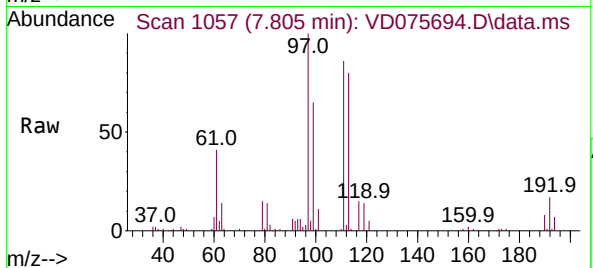
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	19.9	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#36

1,1-Dichloropropene

Concen: 53.057 ug/l

RT: 8.010 min Scan# 1092

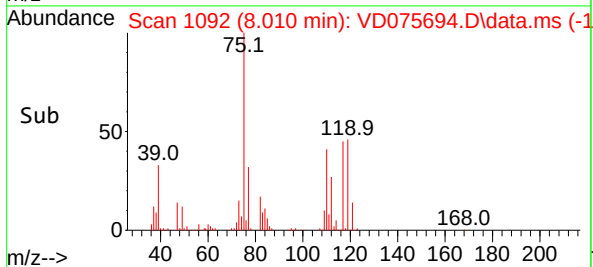
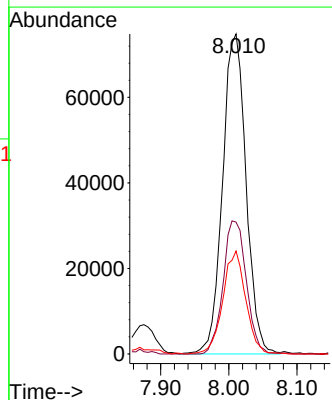
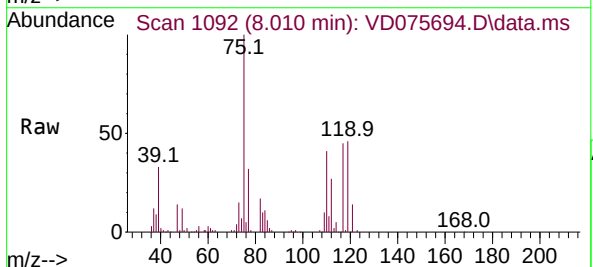
Delta R.T. 0.000 min

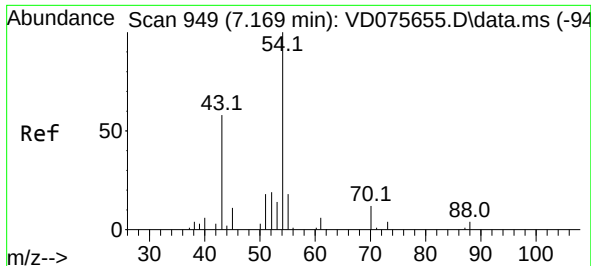
Lab File: VD075694.D

Acq: 17 Apr 2023 10:47

Tgt Ion: 75 Resp: 179705

Ion	Ratio	Lower	Upper
75	100		
110	41.2	17.1	51.2
77	31.3	24.6	36.8





#37

Ethyl Acetate

Concen: 49.526 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD075694.D

Acq: 17 Apr 2023 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

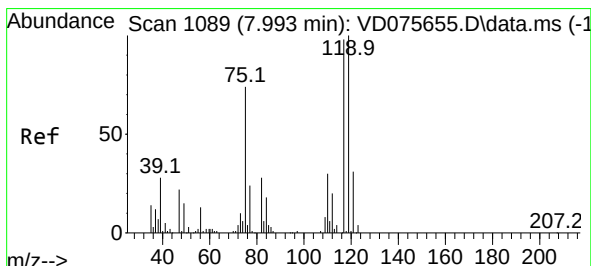
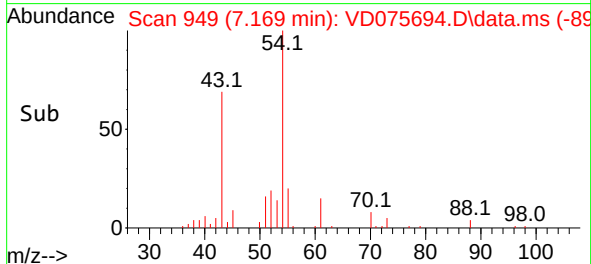
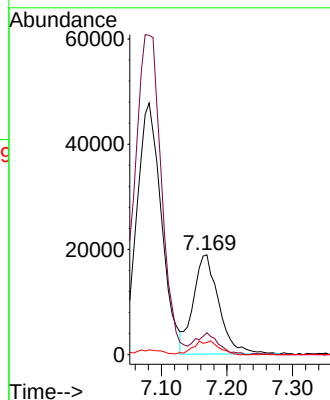
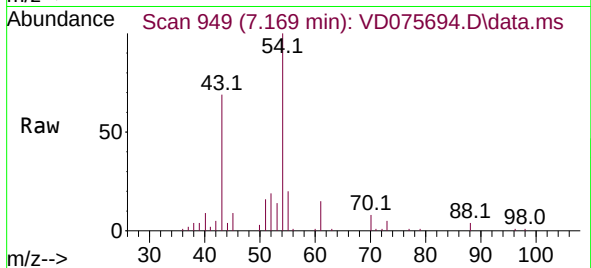
Tgt Ion: 43	Resp: 51049
Ion Ratio	Lower Upper
43 100	
61 19.6	0.0 0.0
70 13.7	5.6 8.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#38

Carbon Tetrachloride

Concen: 55.570 ug/l

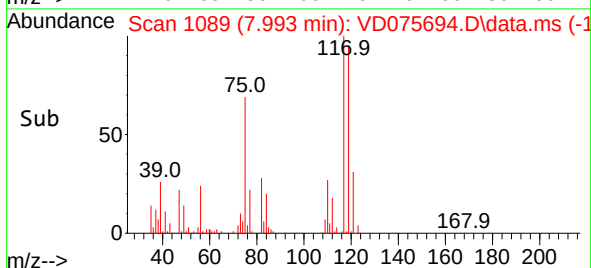
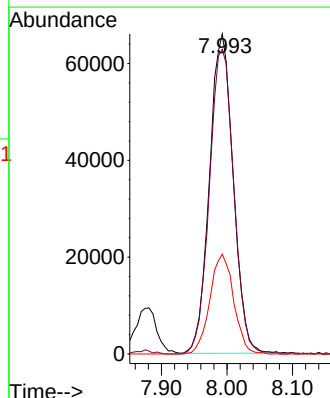
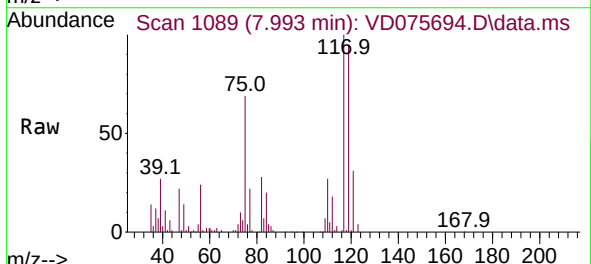
RT: 7.993 min Scan# 1089

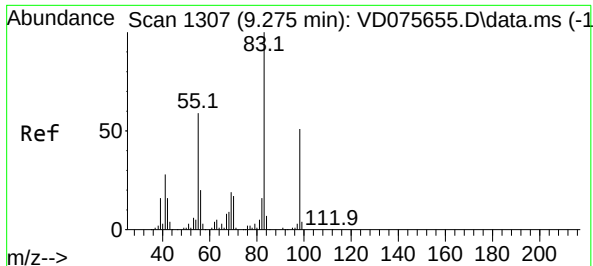
Delta R.T. -0.000 min

Lab File: VD075694.D

Acq: 17 Apr 2023 10:47

Tgt Ion:117	Resp: 165744
Ion Ratio	Lower Upper
117 100	
119 95.4	74.7 112.1
121 31.3	25.9 38.9





#39

Methylcyclohexane

Concen: 58.900 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075694.D

Acq: 17 Apr 2023 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 230684

Ion Ratio Lower Upper

83 100

55 56.6 56.8 85.2

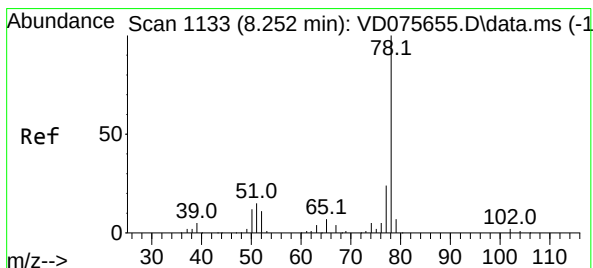
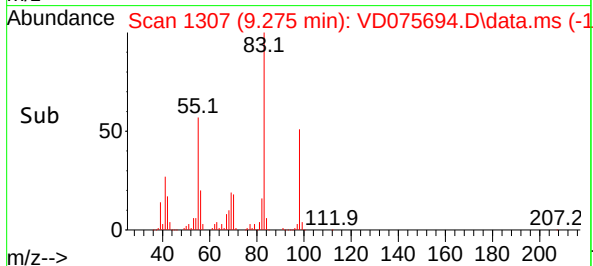
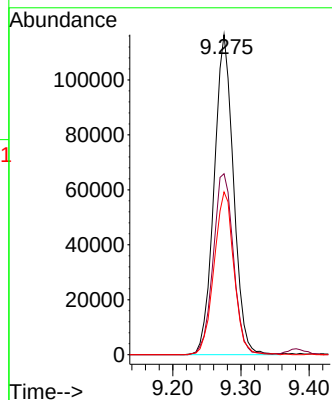
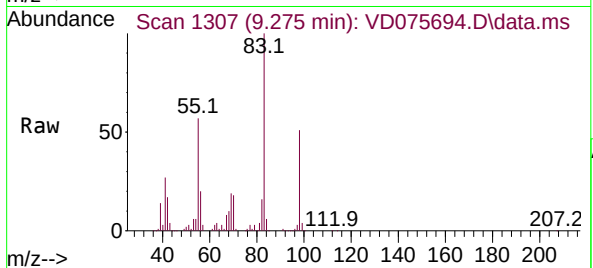
98 50.8 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#40

Benzene

Concen: 50.076 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075694.D

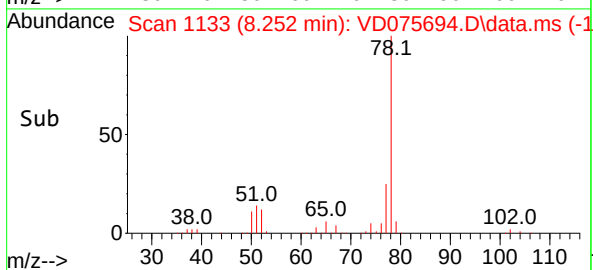
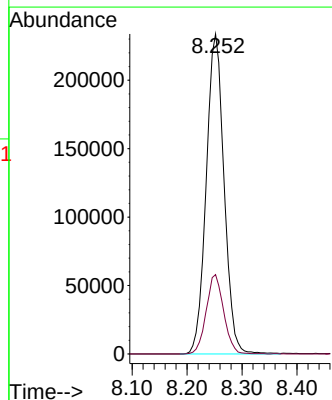
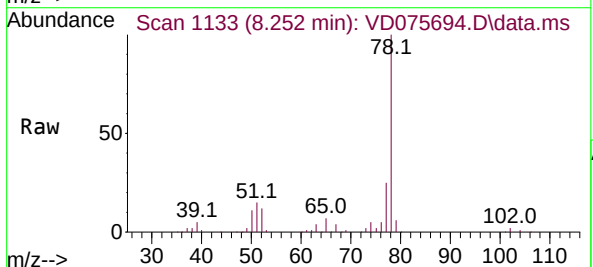
Acq: 17 Apr 2023 10:47

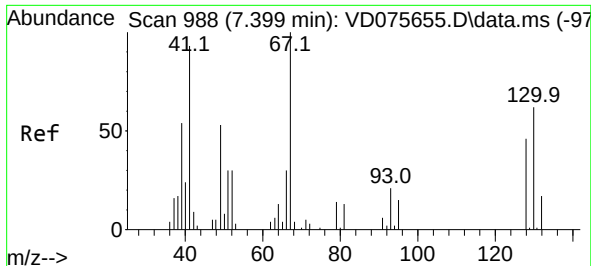
Tgt Ion: 78 Resp: 527259

Ion Ratio Lower Upper

78 100

77 24.8 19.1 28.7





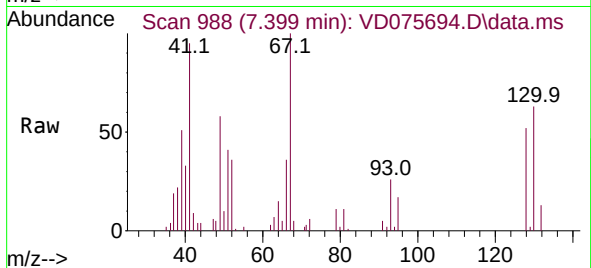
#41
Methacrylonitrile
Concen: 46.076 ug/l
RT: 7.399 min Scan# 988
Delta R.T. -0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



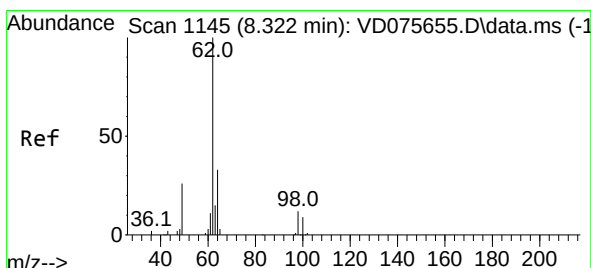
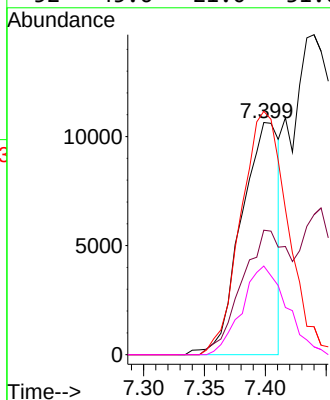
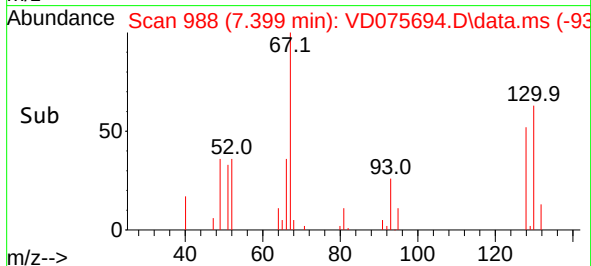
Tgt Ion: 41 Resp: 2279
Ion Ratio Lower Upper
41 100
39 67.1 45.3 67.9
67 131.8 50.5 75.7
52 45.6 21.0 31.6#

Manual Integrations

APPROVED

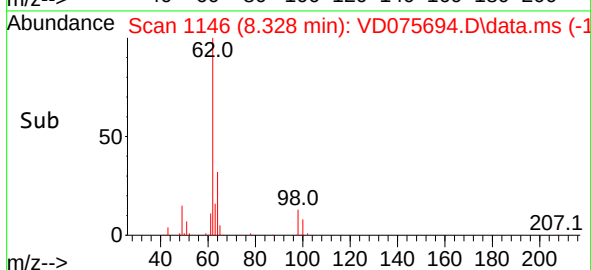
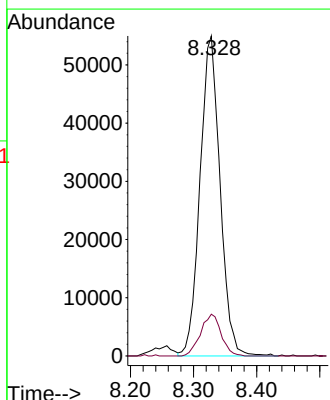
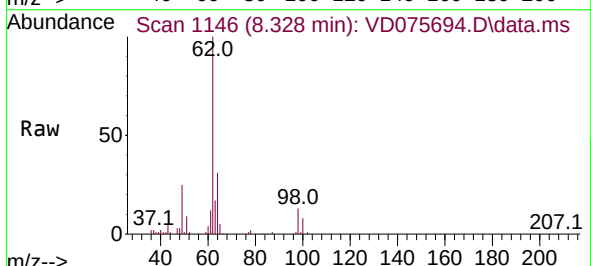
Reviewed By :John Carlone 04/18/2023

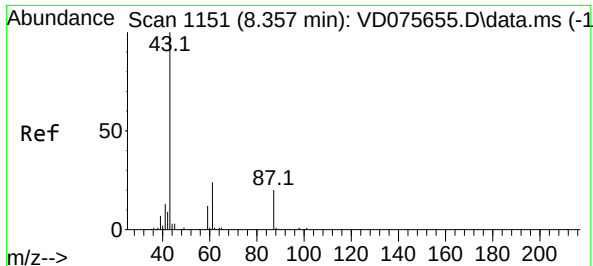
Supervised By :Mahesh Dadoda 04/18/2023



#42
1,2-Dichloroethane
Concen: 50.623 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

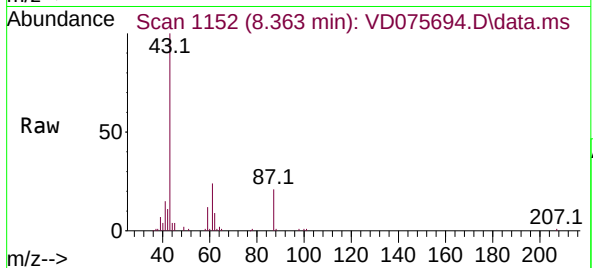
Tgt Ion: 62 Resp: 121070
Ion Ratio Lower Upper
62 100
98 13.4 0.0 18.8





#43
Isopropyl Acetate
Concen: 48.572 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

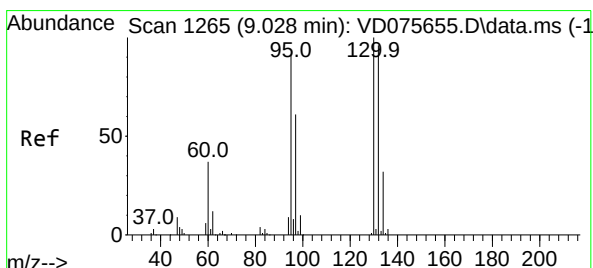
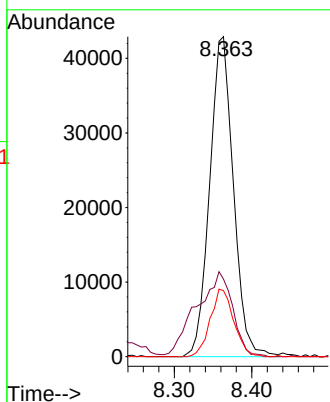
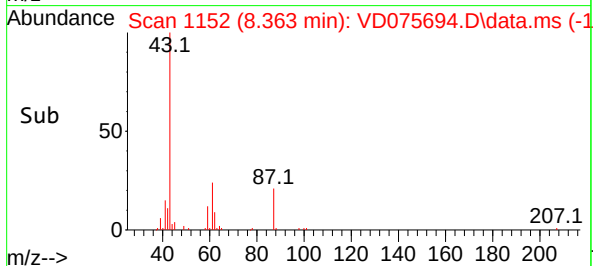
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 91295
Ion Ratio Lower Upper
43 100
61 40.4 23.4 35.0
87 20.9 9.5 14.3

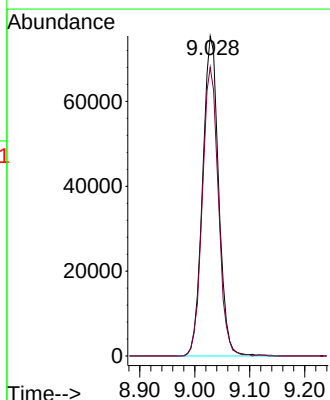
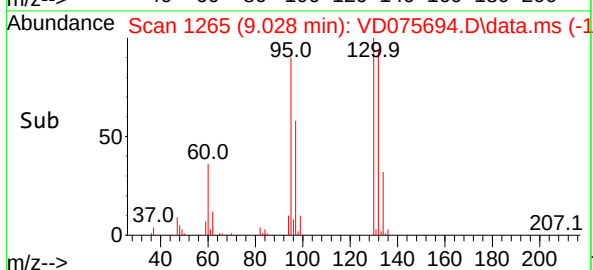
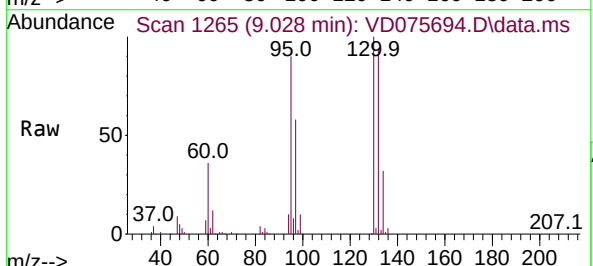
Manual Integrations
APPROVED

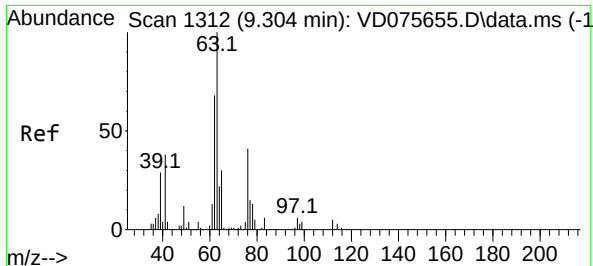
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#44
Trichloroethene
Concen: 51.246 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

Tgt Ion:130 Resp: 152708
Ion Ratio Lower Upper
130 100
95 90.2 0.0 197.6





#45

1,2-Dichloropropane

Concen: 49.787 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD075694.D

Acq: 17 Apr 2023 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 11747

Ion Ratio Lower Upper

63 100

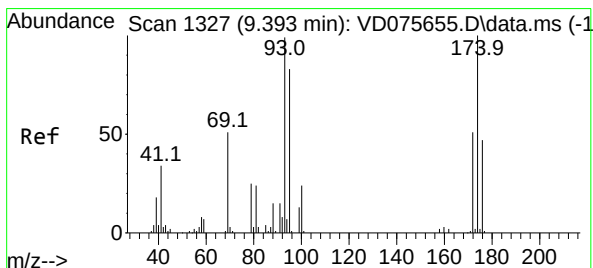
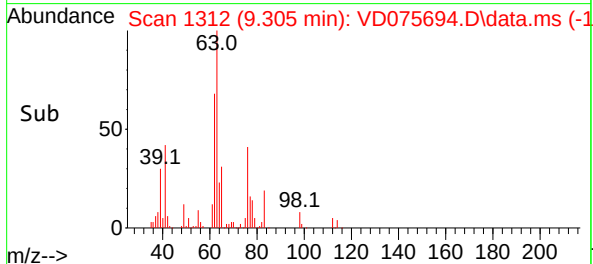
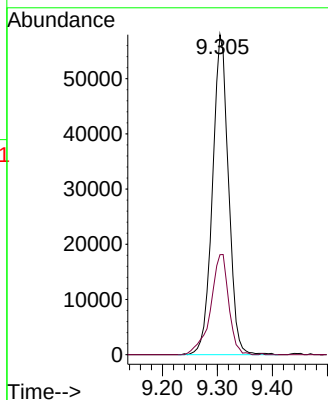
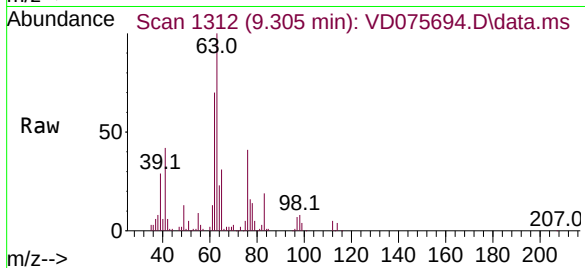
65 31.2 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#46

Dibromomethane

Concen: 48.627 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD075694.D

Acq: 17 Apr 2023 10:47

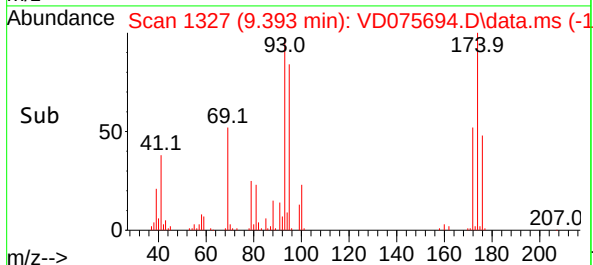
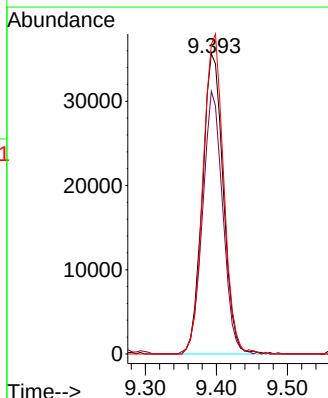
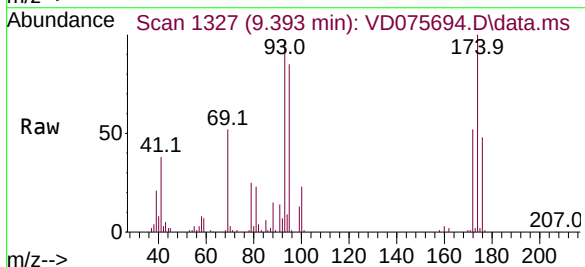
Tgt Ion: 93 Resp: 72789

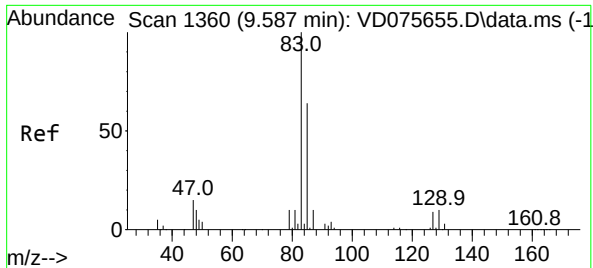
Ion Ratio Lower Upper

93 100

95 84.7 64.5 96.7

174 105.1 76.2 114.4





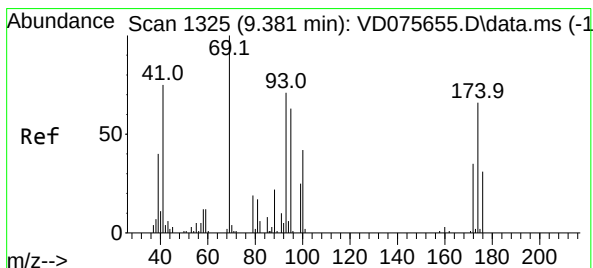
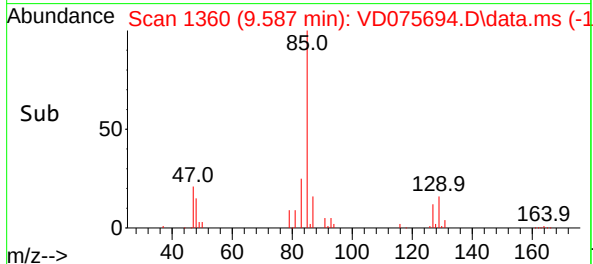
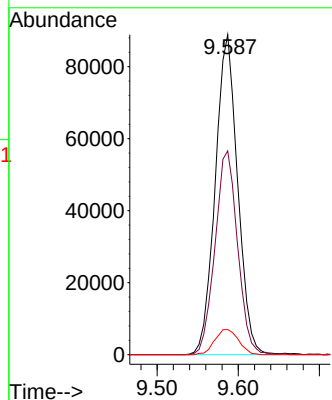
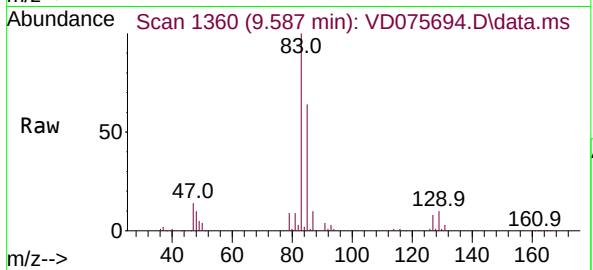
#47
Bromodichloromethane
Concen: 49.773 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 170425
Ion Ratio Lower Upper
83 100
85 63.7 53.7 80.5
127 7.9 7.0 10.6

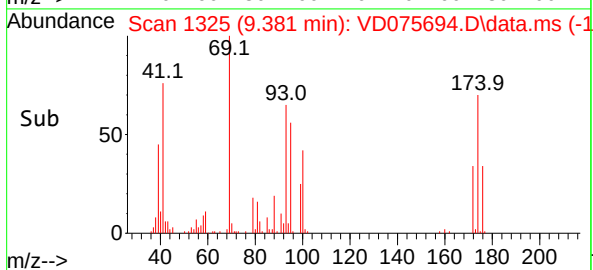
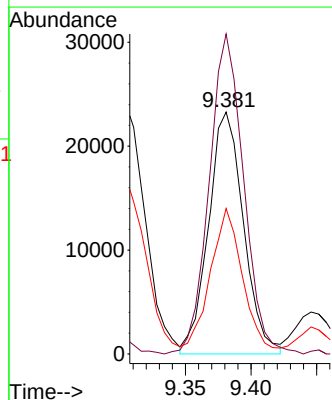
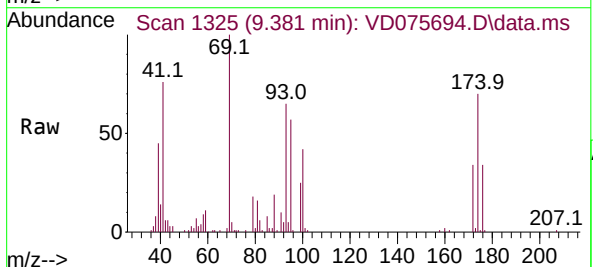
Manual Integrations
APPROVED

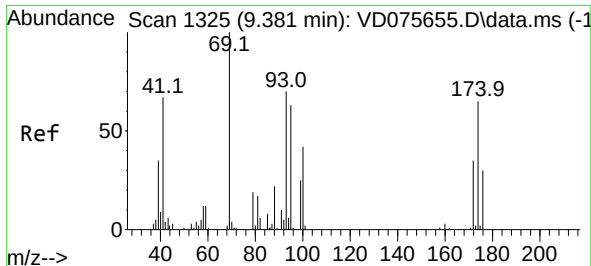
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#48
Methyl methacrylate
Concen: 51.715 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

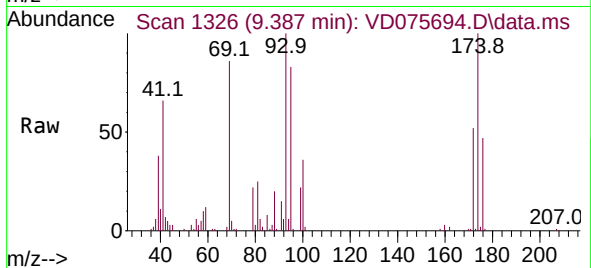
Tgt Ion: 41 Resp: 43306
Ion Ratio Lower Upper
41 100
69 129.7 58.6 88.0#
39 56.7 53.4 80.0





#49
1,4-Dioxane
Concen: 940.859 ug/l
RT: 9.387 min Scan# 1325
Delta R.T. 0.006 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

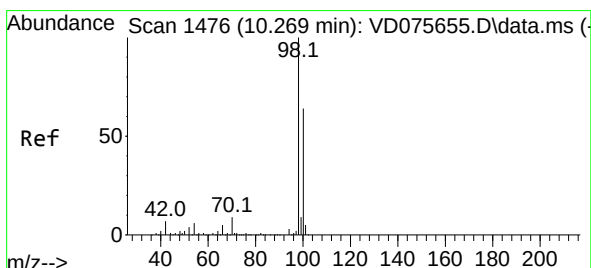
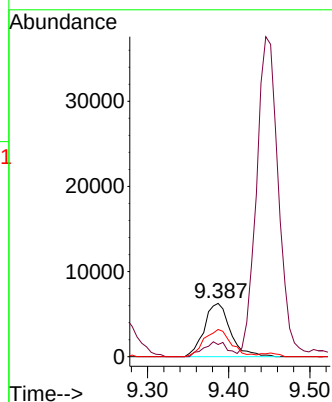
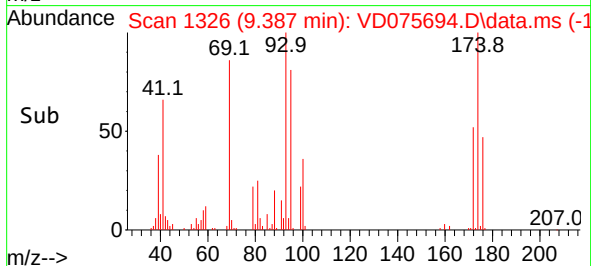
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 1397
Ion Ratio Lower Upper
88 100
43 25.3 34.6 51.8
58 53.0 58.0 87.0

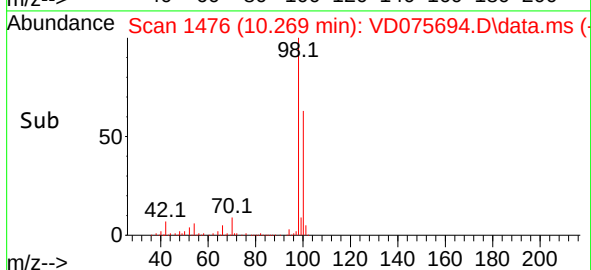
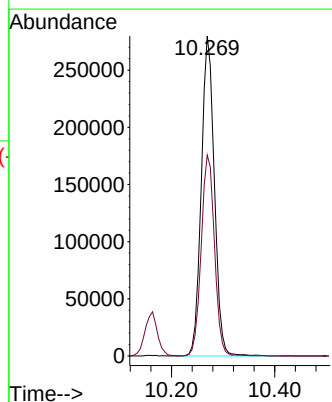
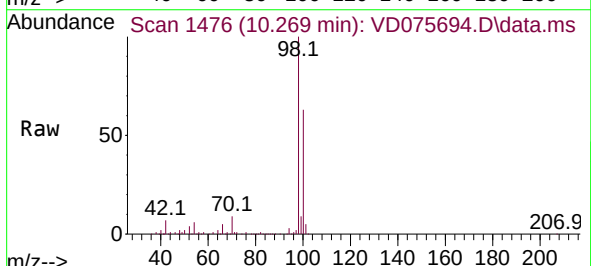
Manual Integrations
APPROVED

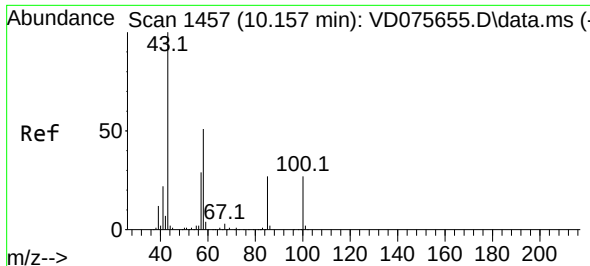
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#50
Toluene-d8
Concen: 49.913 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

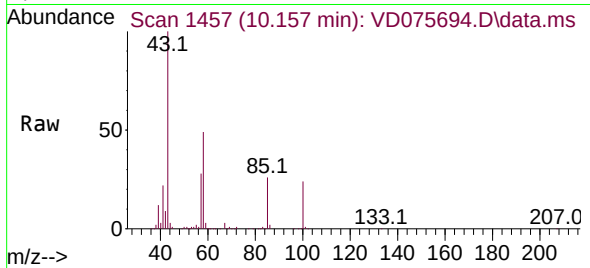
Tgt Ion: 98 Resp: 490726
Ion Ratio Lower Upper
98 100
100 63.8 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 253.086 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

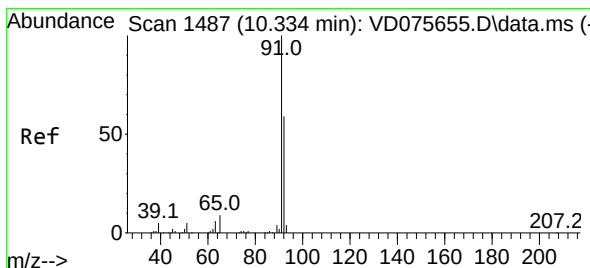
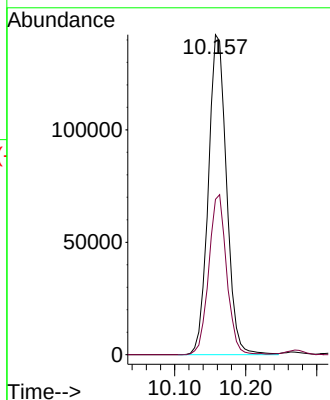
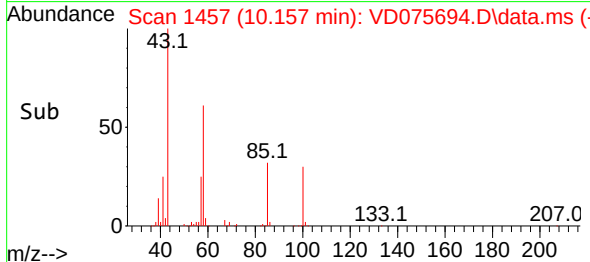
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 25363
Ion Ratio Lower Upper
43 100
58 49.1 29.5 44.3

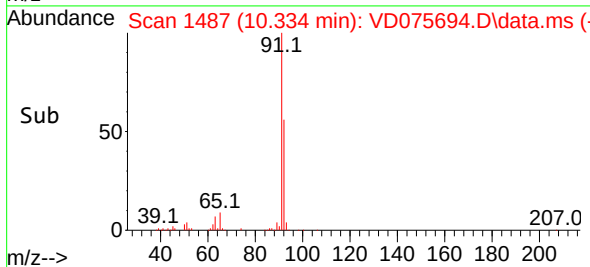
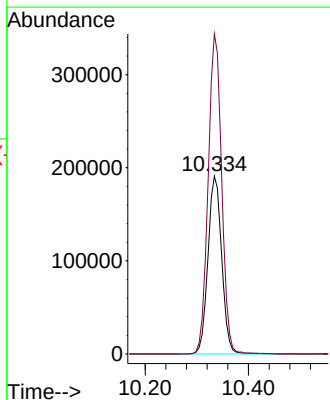
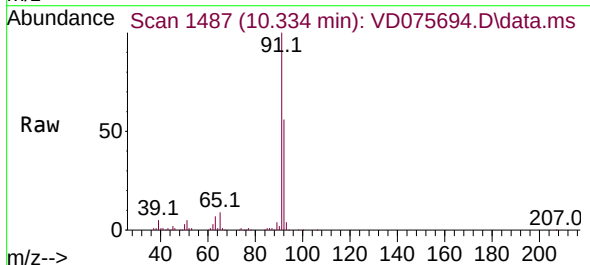
Manual Integrations
APPROVED

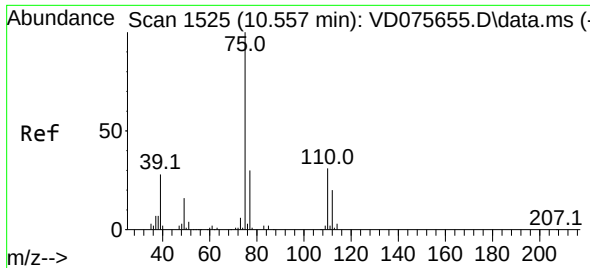
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#52
Toluene
Concen: 50.190 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

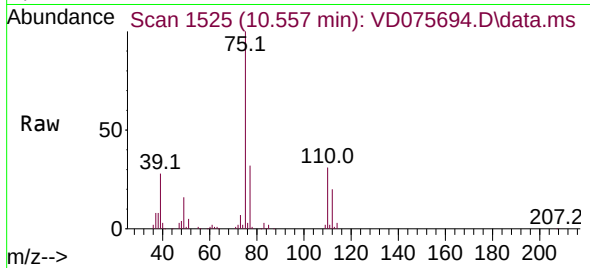
Tgt Ion: 92 Resp: 351404
Ion Ratio Lower Upper
92 100
91 177.7 136.5 204.7





#53
t-1,3-Dichloropropene
Concen: 50.436 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

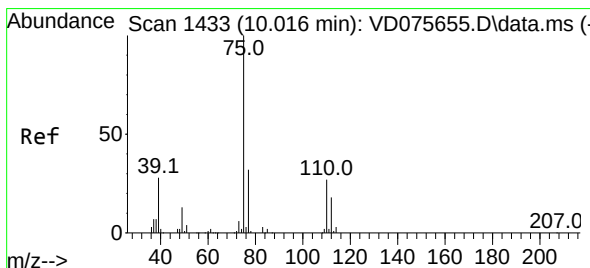
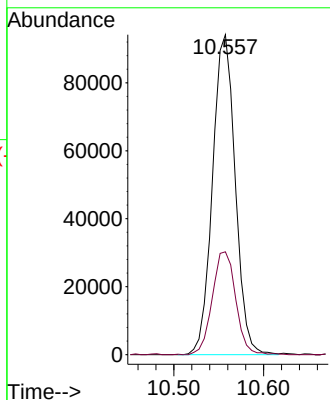
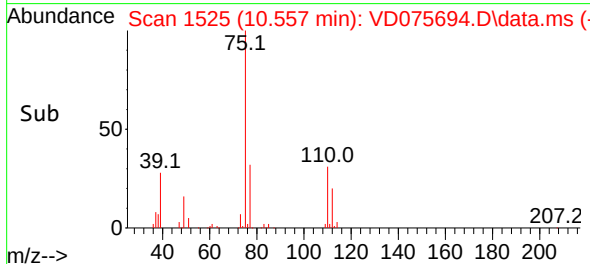
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



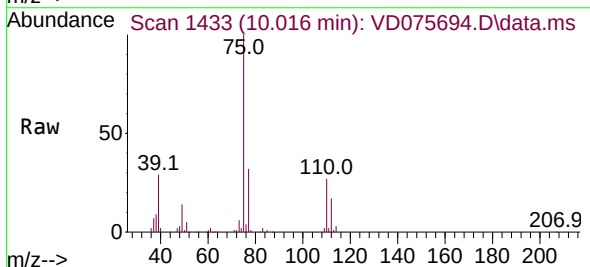
Tgt Ion: 75 Resp: 165548
Ion Ratio Lower Upper
75 100
77 32.0 26.3 39.5

Manual Integrations
APPROVED

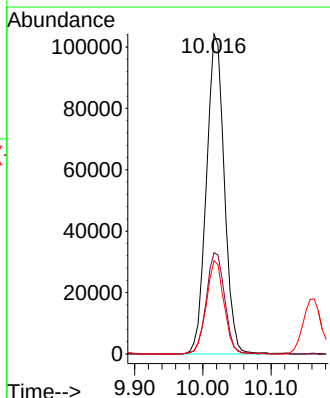
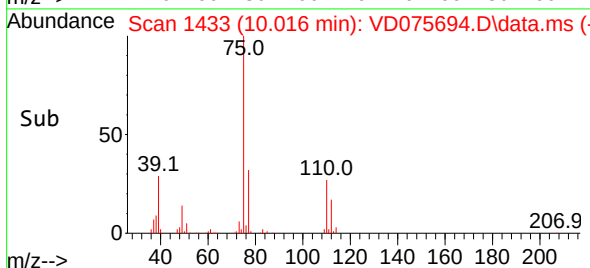
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

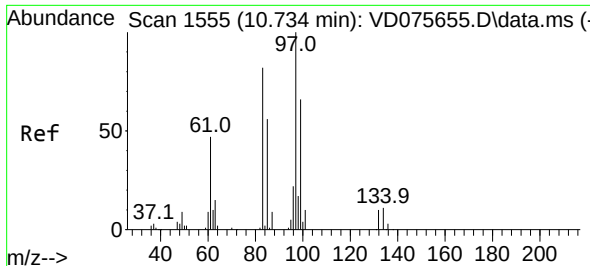


#54
cis-1,3-Dichloropropene
Concen: 48.789 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47



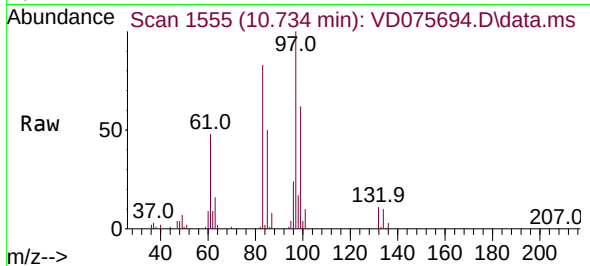
Tgt Ion: 75 Resp: 190273
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4
39 29.2 44.8 67.2#





#55
1,1,2-Trichloroethane
Concen: 52.814 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

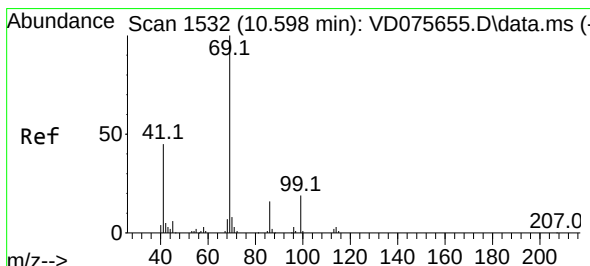
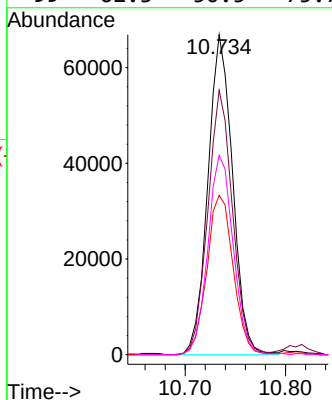
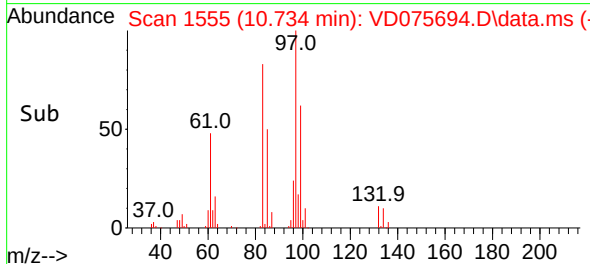
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	11446
Ion Ratio	100	Lower	Upper
97	100		
83	82.4	74.2	111.4
85	49.8	45.4	68.0
99	62.3	50.5	75.7

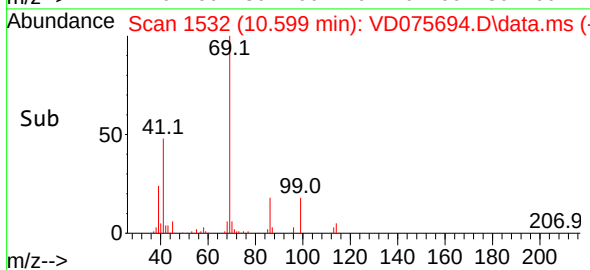
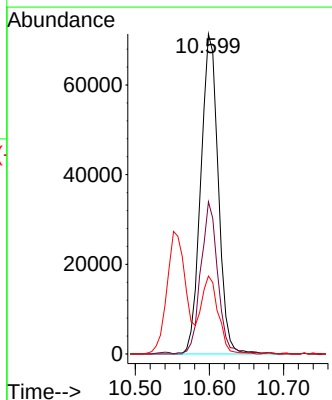
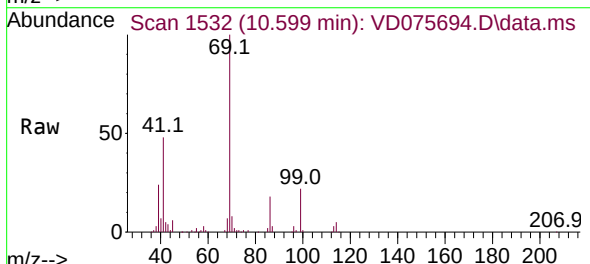
Manual Integrations
APPROVED

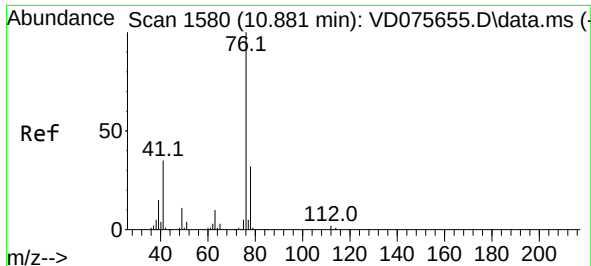
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#56
Ethyl methacrylate
Concen: 54.833 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

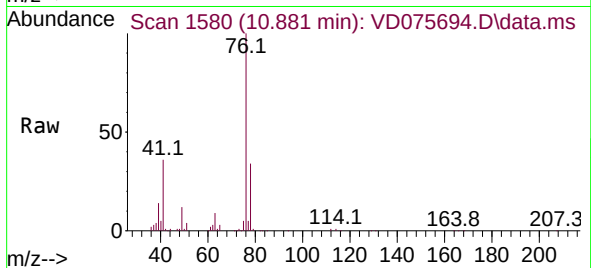
Tgt Ion:	69	Resp:	116956
Ion Ratio	100	Lower	Upper
69	100		
41	46.1	59.3	88.9#
39	23.5	36.0	54.0#





#57
1,3-Dichloropropane
Concen: 53.366 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

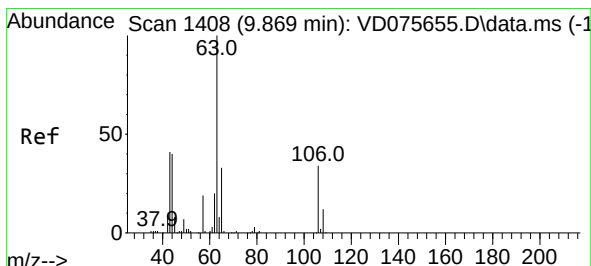
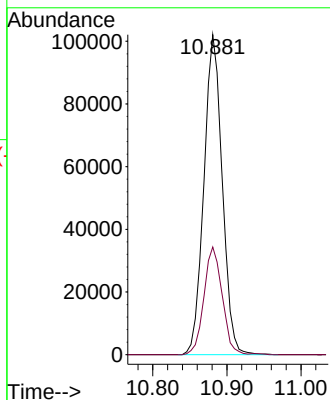
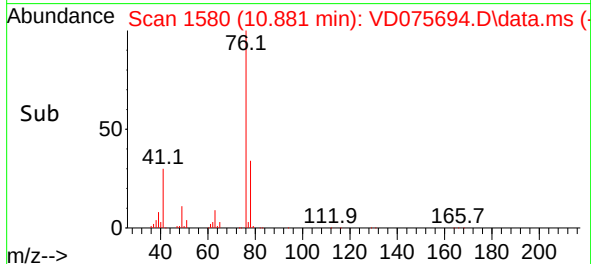
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



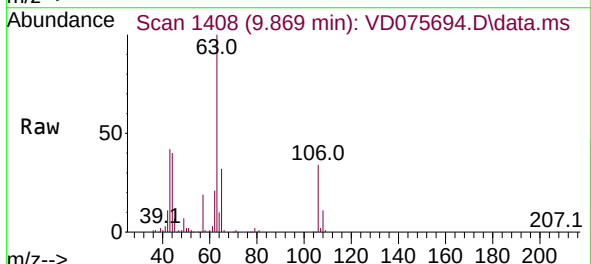
Tgt Ion: 76 Resp: 175590
Ion Ratio Lower Upper
76 100
78 33.3 25.6 38.4

Manual Integrations
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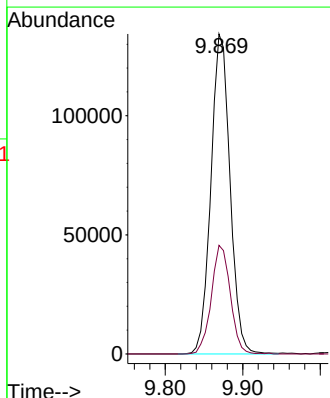
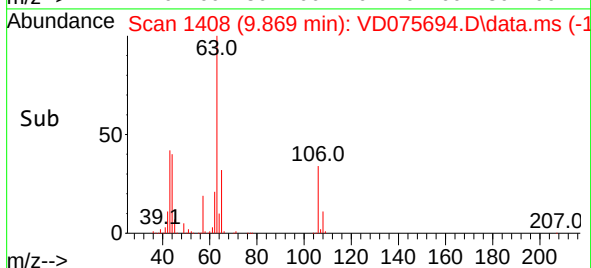
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

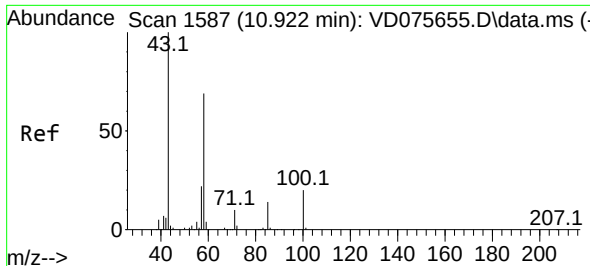


#58
2-Chloroethyl Vinyl ether
Concen: 251.260 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47



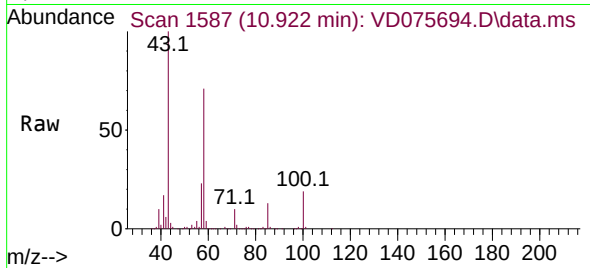
Tgt Ion: 63 Resp: 230162
Ion Ratio Lower Upper
63 100
106 33.8 21.4 32.2#





#59
2-Hexanone
Concen: 315.278 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

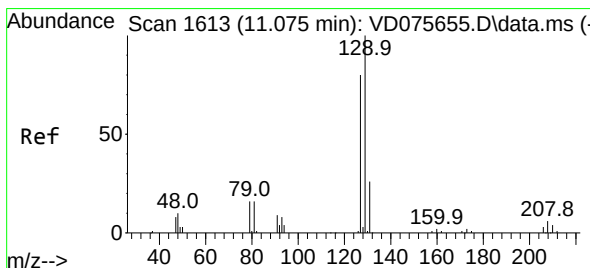
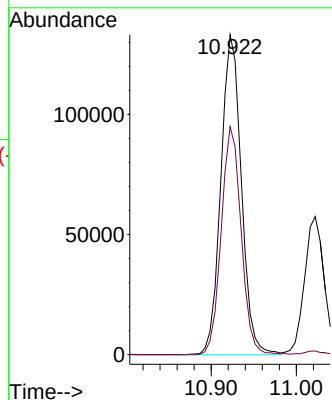
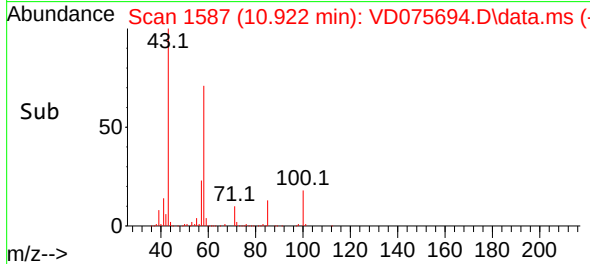
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



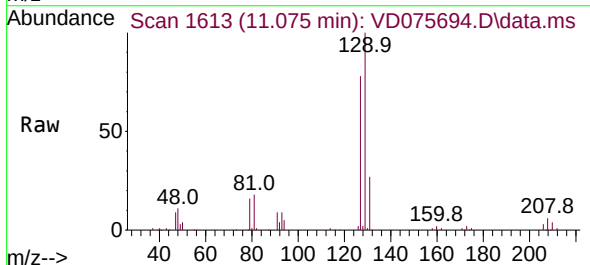
Tgt Ion: 43 Resp: 22215
Ion Ratio Lower Upper
43 100
58 69.1 25.3 75.8

Manual Integrations
APPROVED

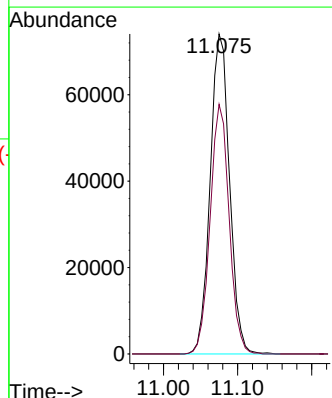
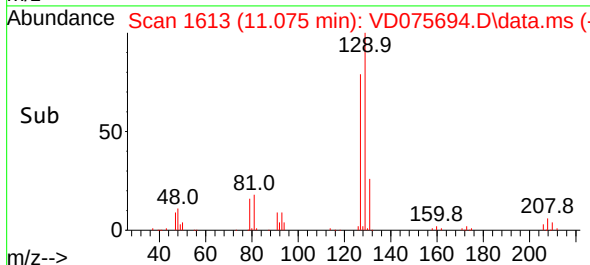
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

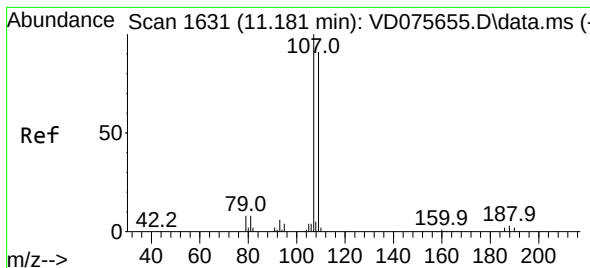


#60
Dibromochloromethane
Concen: 52.994 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47



Tgt Ion:129 Resp: 134401
Ion Ratio Lower Upper
129 100
127 76.6 38.1 114.5





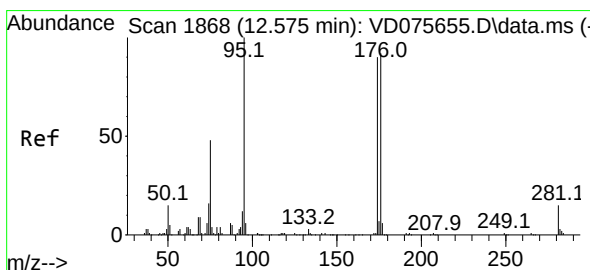
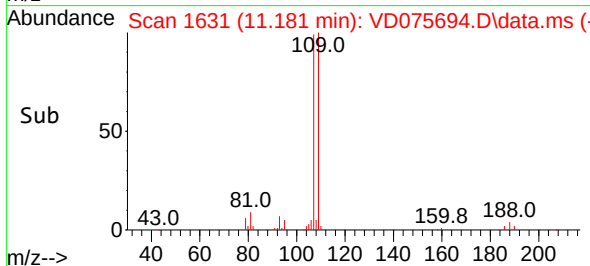
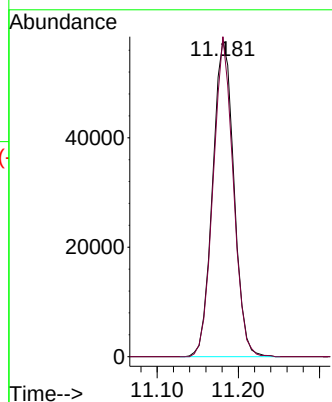
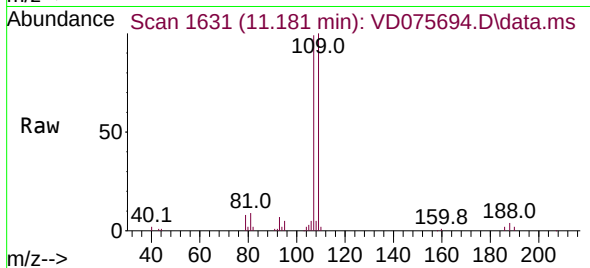
#61
1,2-Dibromoethane
Concen: 50.834 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 10510
Ion Ratio Lower Upper
107 100
109 95.7 73.6 110.4

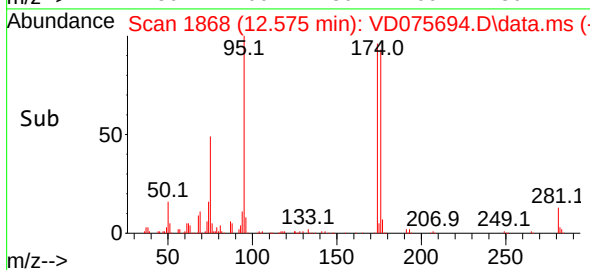
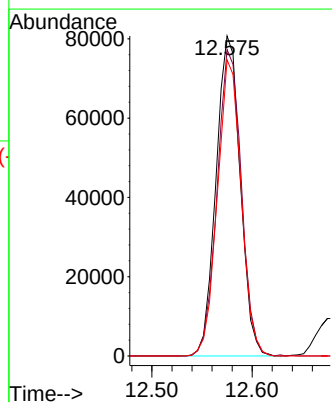
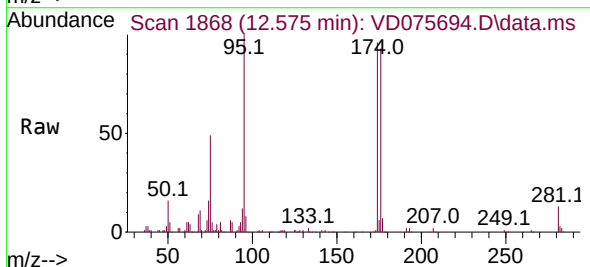
Manual Integrations
APPROVED

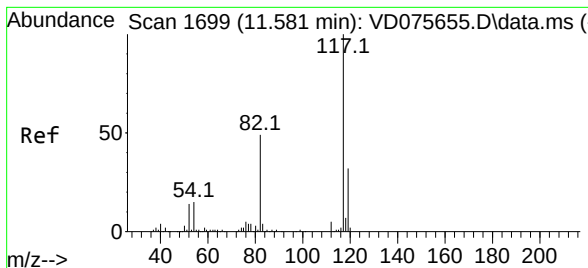
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#62
4-Bromofluorobenzene
Concen: 51.673 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

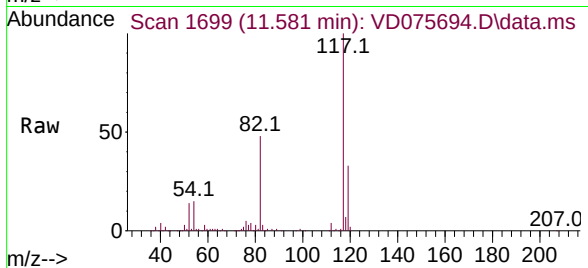
Tgt Ion: 95 Resp: 135034
Ion Ratio Lower Upper
95 100
174 95.7 0.0 164.0
176 90.9 0.0 156.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

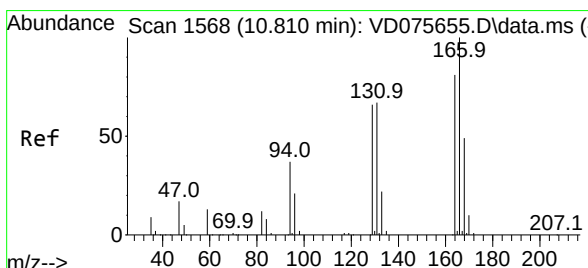
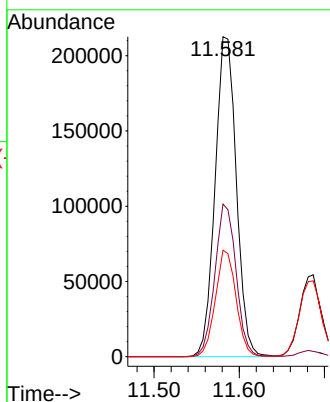
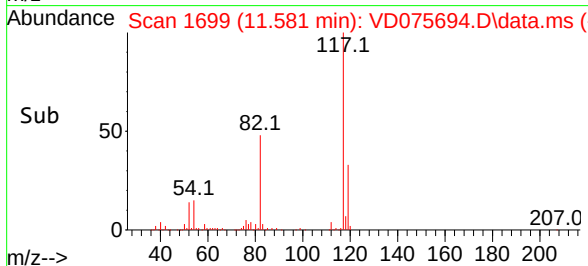
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



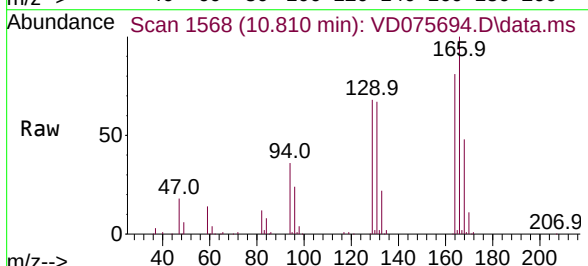
Tgt Ion:117 Resp: 36966
Ion Ratio Lower Upper
117 100
82 47.7 44.0 66.0
119 33.3 25.1 37.7

Manual Integrations
APPROVED

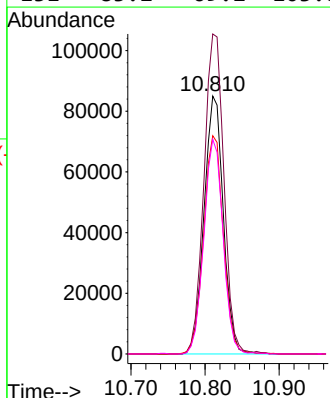
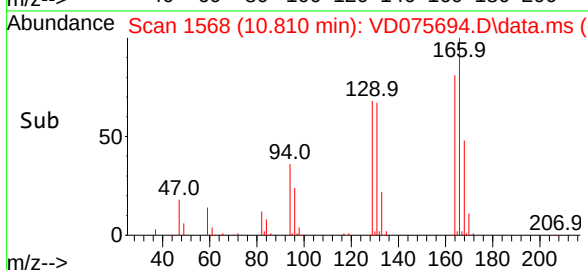
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

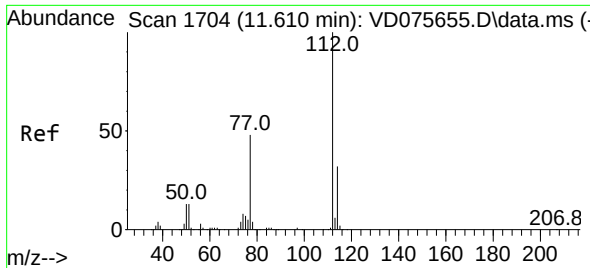


#64
Tetrachloroethene
Concen: 57.620 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47



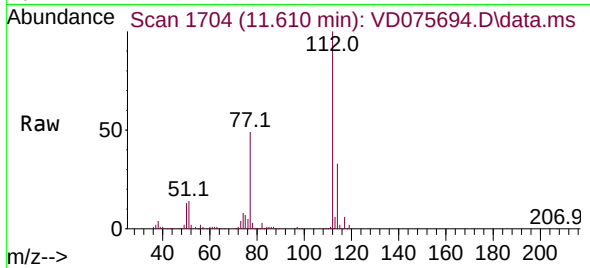
Tgt Ion:164 Resp: 153400
Ion Ratio Lower Upper
164 100
166 124.1 94.9 142.3
129 84.6 73.0 109.6
131 83.2 69.2 103.8





#65
Chlorobenzene
Concen: 47.889 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

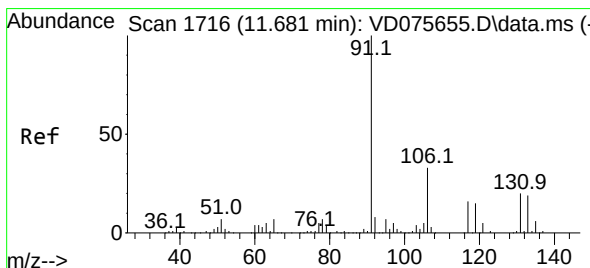
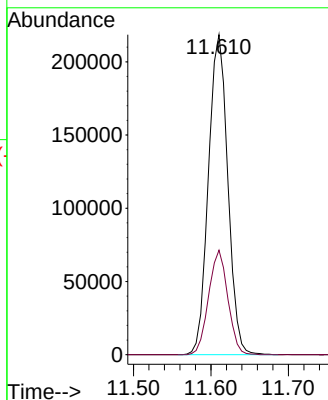
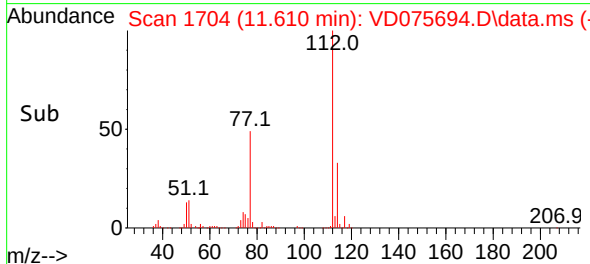
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 37918
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.8

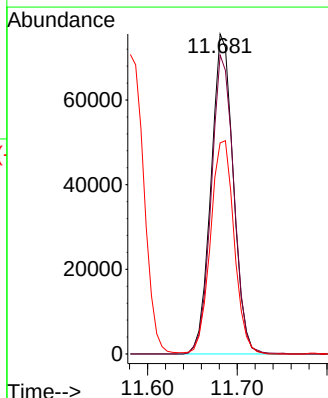
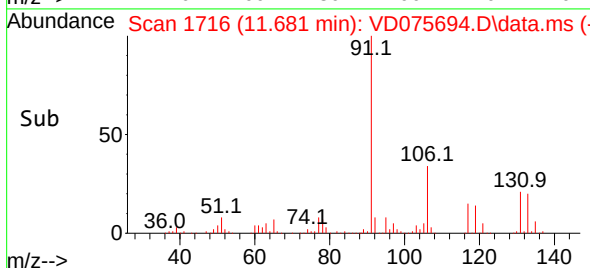
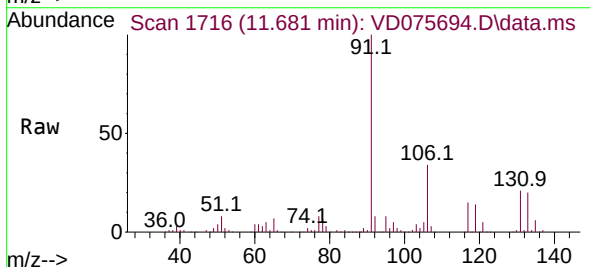
Manual Integrations
APPROVED

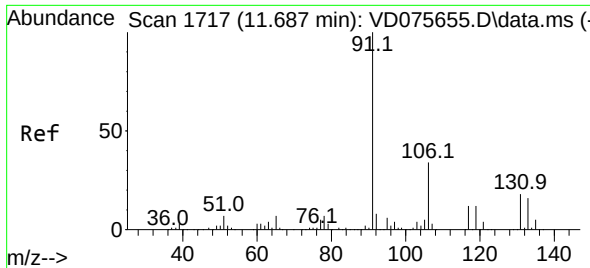
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 47.737 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

Tgt Ion:131 Resp: 129939
Ion Ratio Lower Upper
131 100
133 94.8 46.7 140.0
119 70.9 31.9 95.9





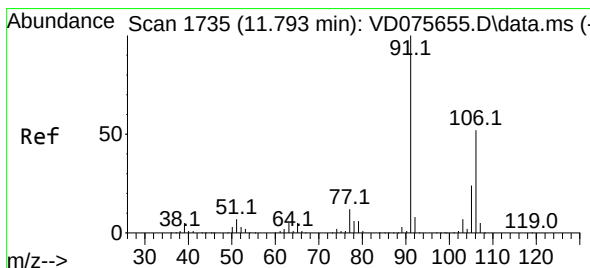
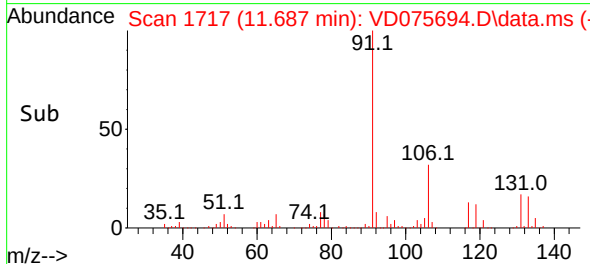
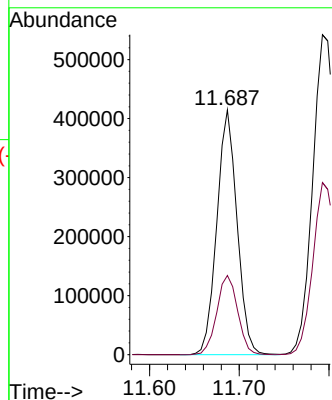
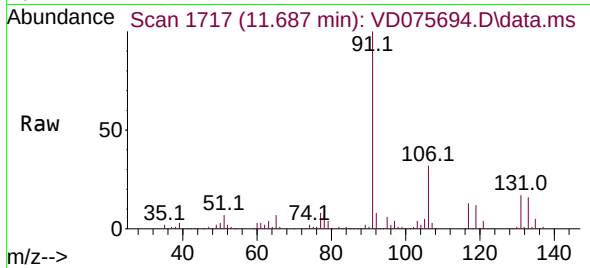
#67
Ethyl Benzene
Concen: 50.448 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 64825
Ion Ratio Lower Upper
91 100
106 32.4 24.5 36.7

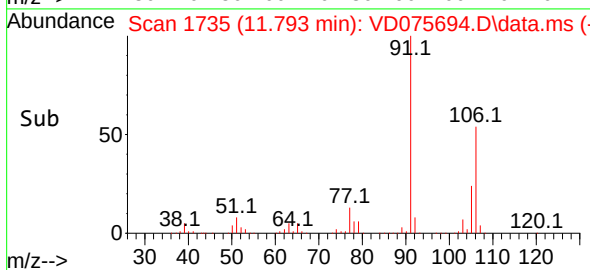
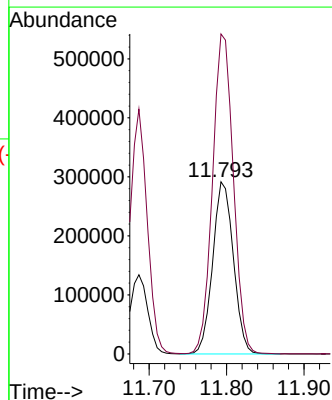
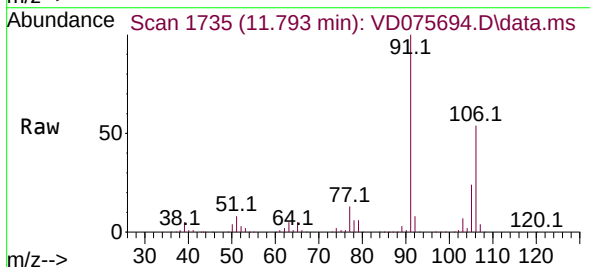
Manual Integrations
APPROVED

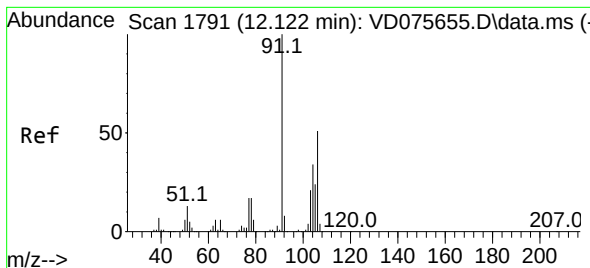
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#68
m/p-Xylenes
Concen: 103.066 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

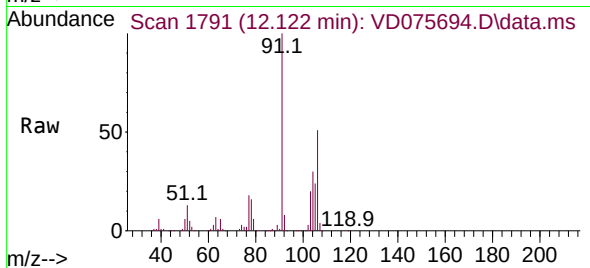
Tgt Ion:106 Resp: 542767
Ion Ratio Lower Upper
106 100
91 187.0 161.5 242.3





#69
o-Xylene
Concen: 51.212 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

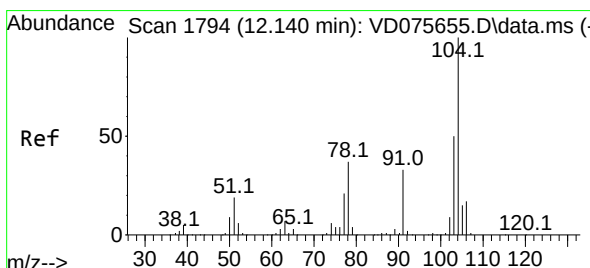
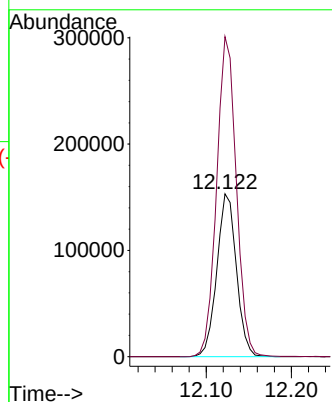
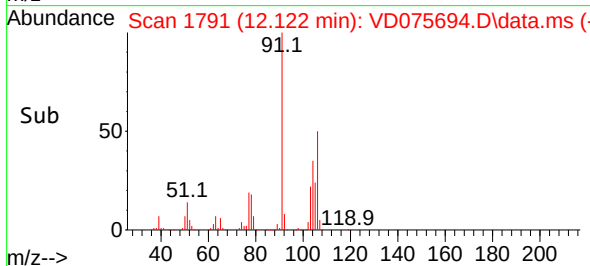
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 243860
Ion Ratio Lower Upper
106 100
91 198.0 105.7 317.1

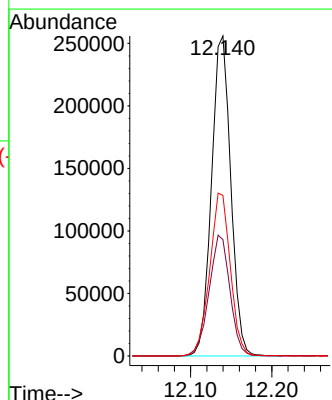
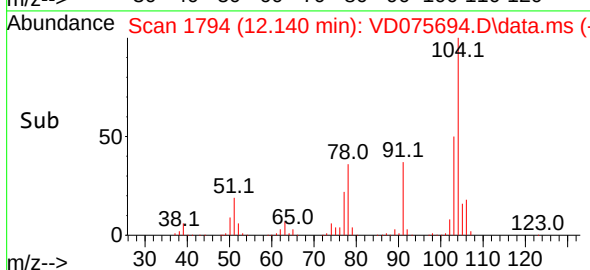
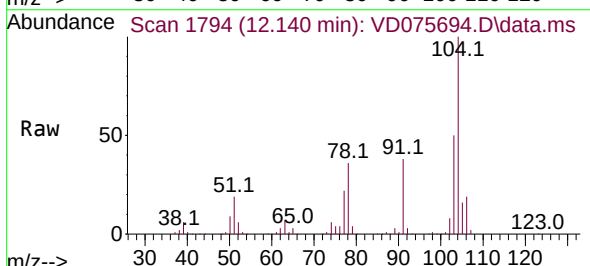
Manual Integrations
APPROVED

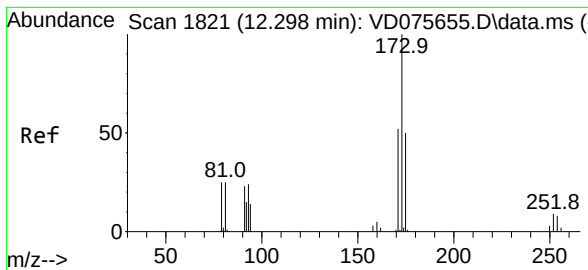
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#70
Styrene
Concen: 48.282 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

Tgt Ion:104 Resp: 422117
Ion Ratio Lower Upper
104 100
78 40.9 40.2 60.4
103 54.6 44.2 66.2





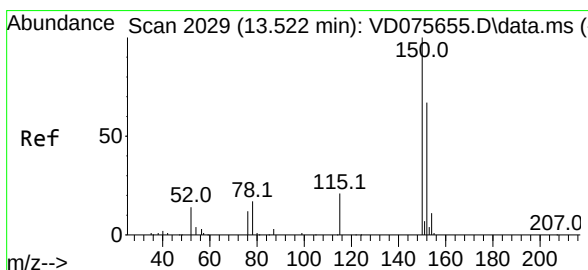
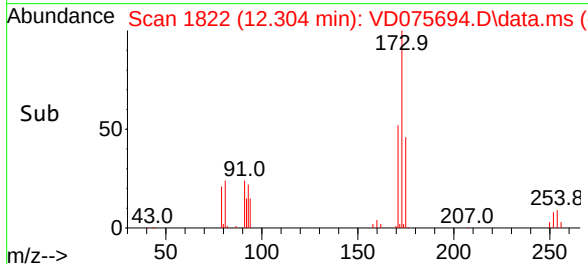
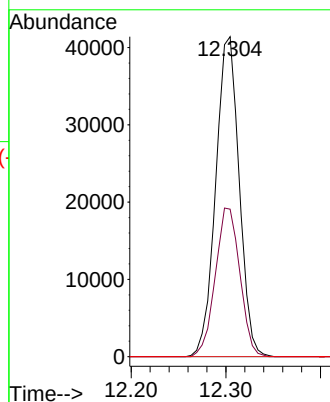
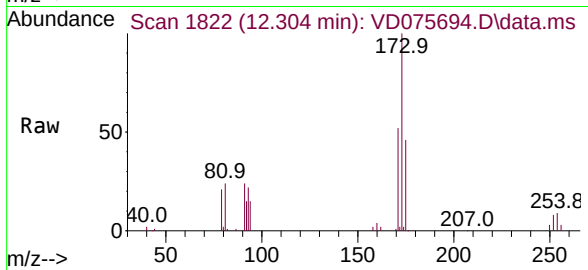
#71
Bromoform
Concen: 50.076 ug/l
RT: 12.304 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 7125
Ion Ratio Lower Upper
173 100
175 48.6 23.5 70.5
254 0.0 0.0 0.0

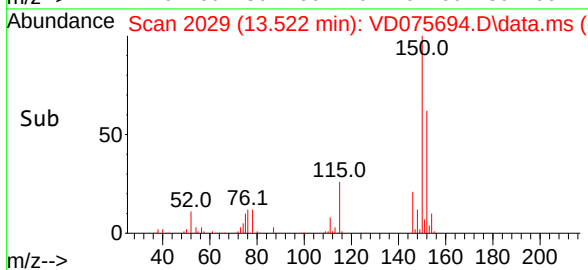
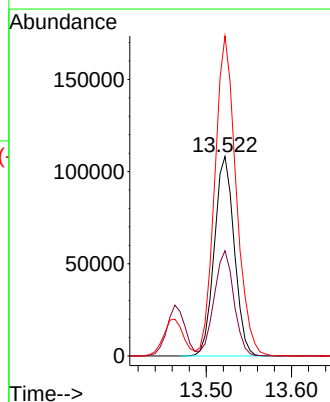
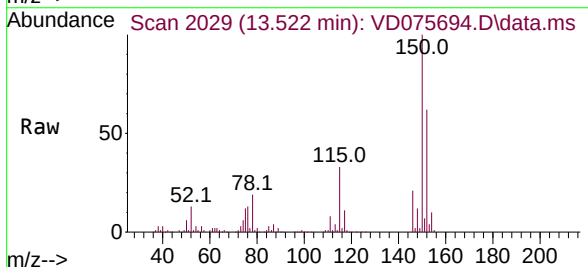
Manual Integrations
APPROVED

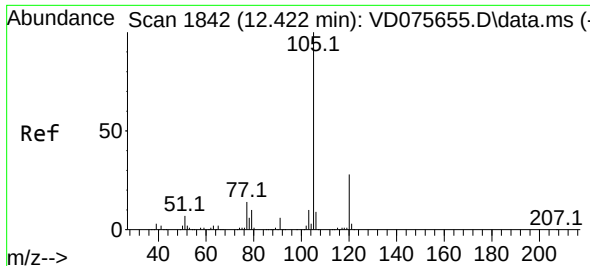
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

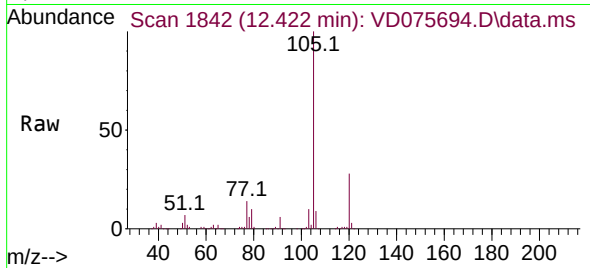
Tgt Ion:152 Resp: 175598
Ion Ratio Lower Upper
152 100
115 52.4 30.1 90.3
150 172.2 0.0 364.8





#73
Isopropylbenzene
Concen: 54.391 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

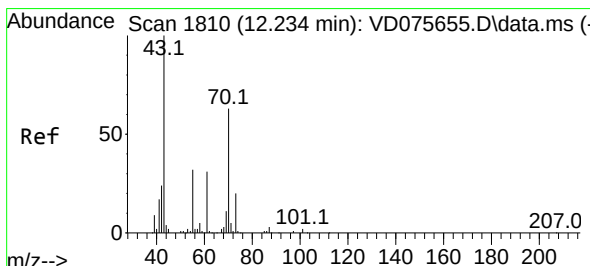
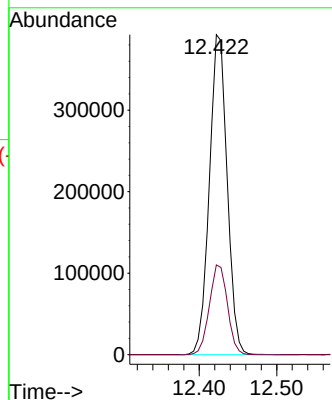
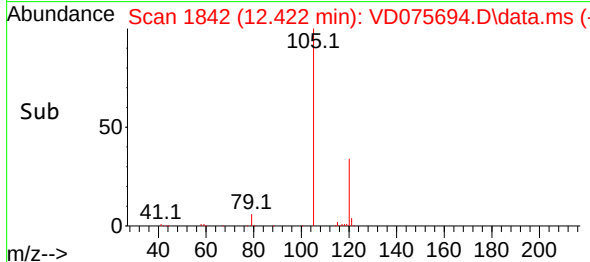
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 626823
Ion Ratio Lower Upper
105 100
120 28.4 13.4 40.1

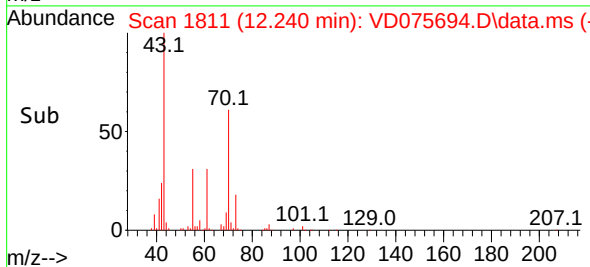
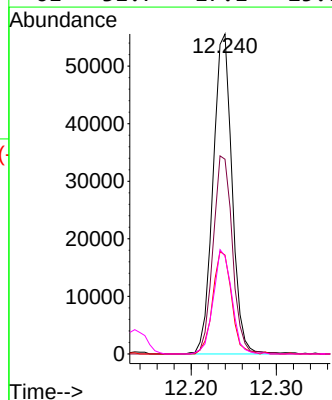
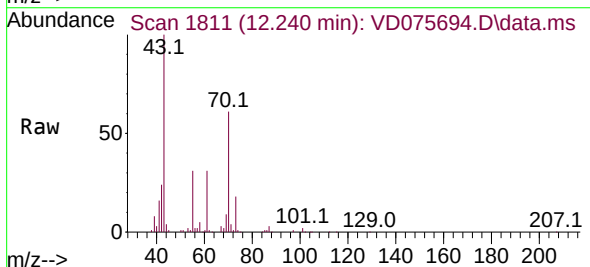
Manual Integrations
APPROVED

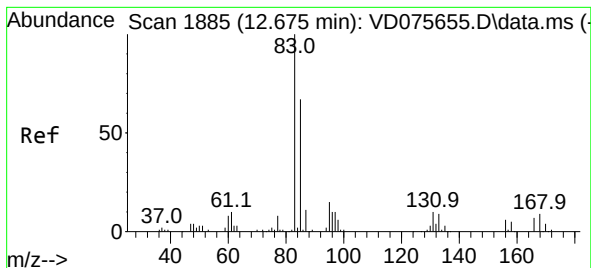
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#74
N-ethyl acetate
Concen: 50.791 ug/l
RT: 12.240 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

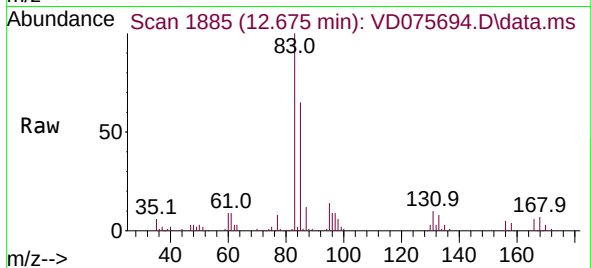
Tgt Ion: 43 Resp: 86013
Ion Ratio Lower Upper
43 100
70 63.0 31.0 46.4#
55 31.6 18.6 28.0#
61 31.7 17.1 25.7#





#75
1,1,2,2-Tetrachloroethane
Concen: 50.501 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

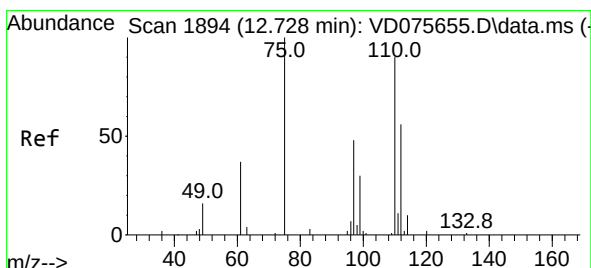
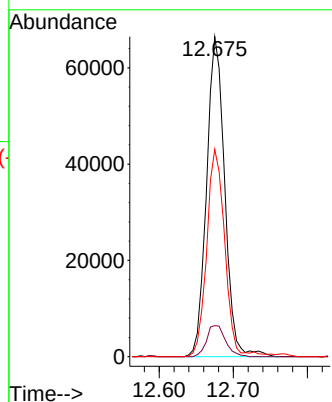
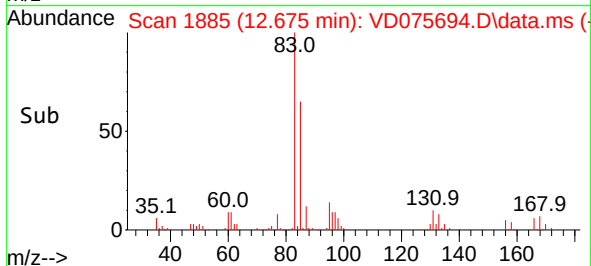
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 113050
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.2
85 64.8 33.6 100.6

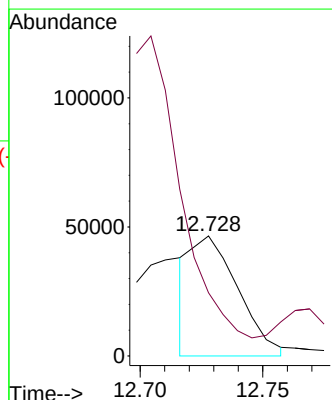
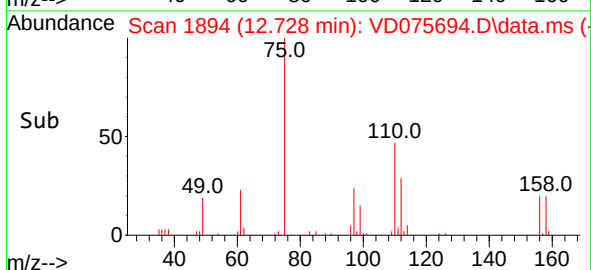
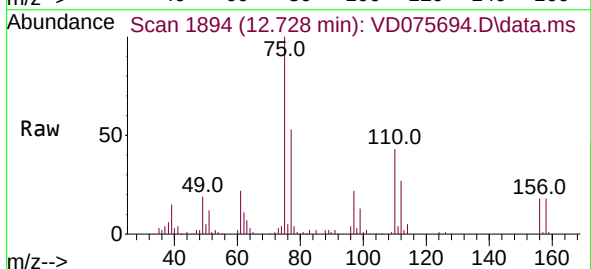
Manual Integrations
APPROVED

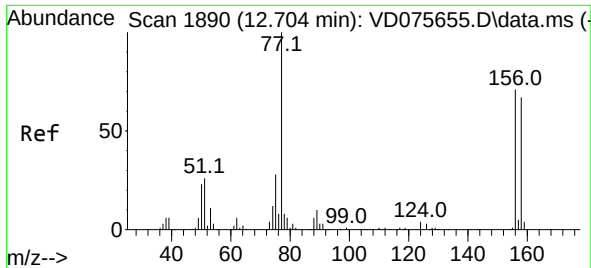
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#76
1,2,3-Trichloropropane
Concen: 43.947 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

Tgt Ion: 75 Resp: 62932
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





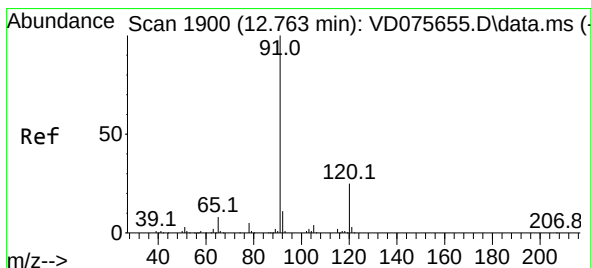
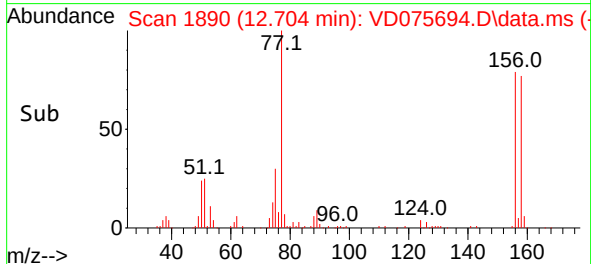
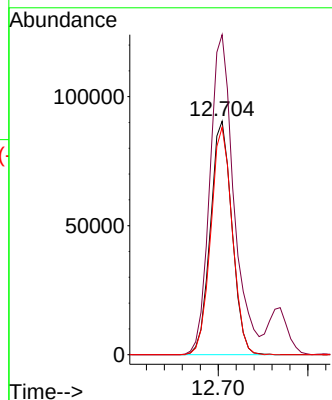
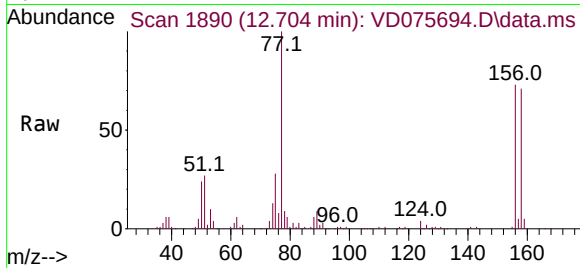
#77
Bromobenzene
Concen: 50.765 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 150827
Ion Ratio Lower Upper
156 100
77 152.2 89.5 268.6
158 96.8 47.8 143.4

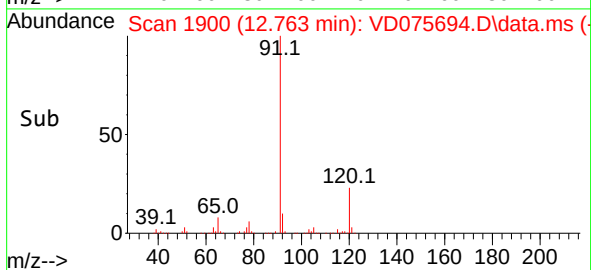
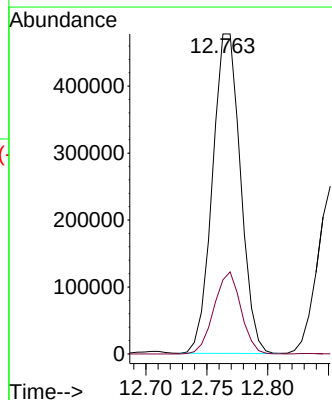
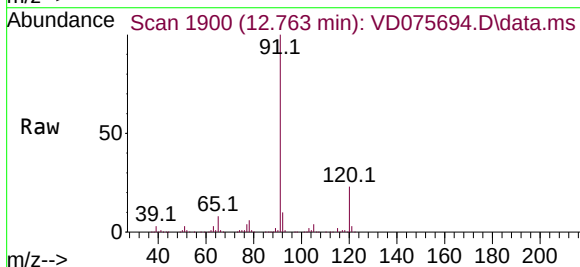
Manual Integrations
APPROVED

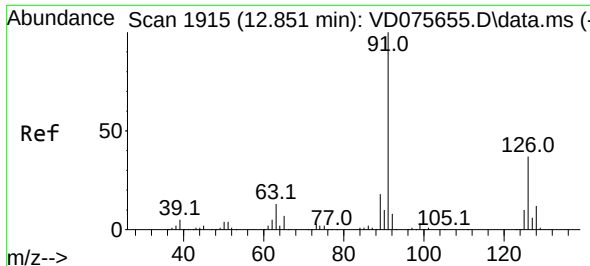
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#78
n-propylbenzene
Concen: 54.145 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

Tgt Ion: 91 Resp: 764868
Ion Ratio Lower Upper
91 100
120 24.7 11.4 34.2





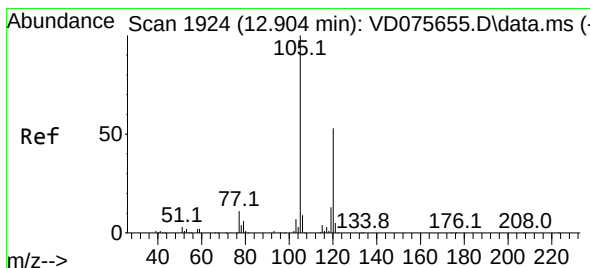
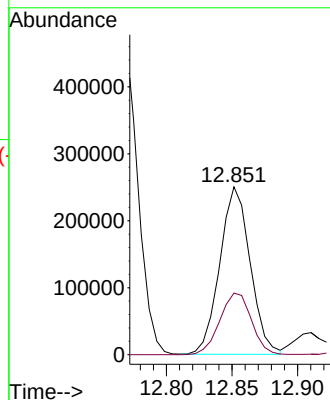
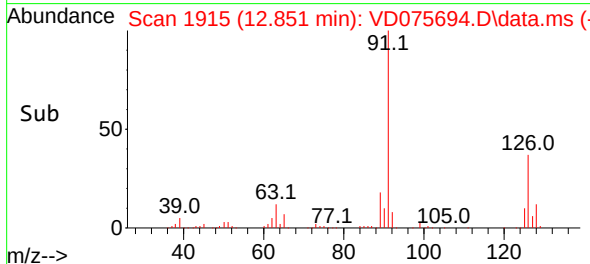
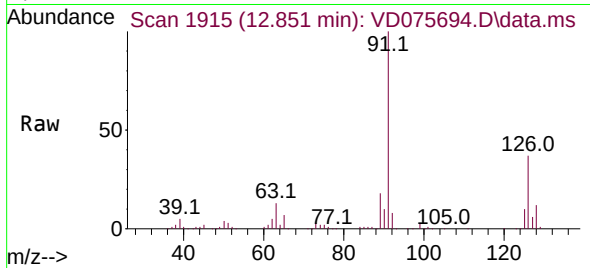
#79
2-Chlorotoluene
Concen: 50.282 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 402860
Ion Ratio Lower Upper
91 100
126 38.3 16.8 50.3

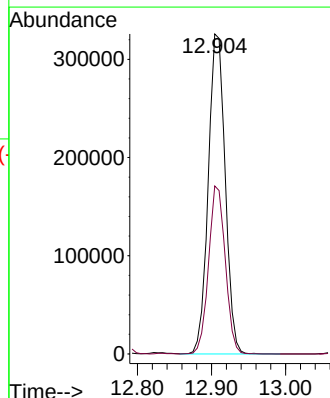
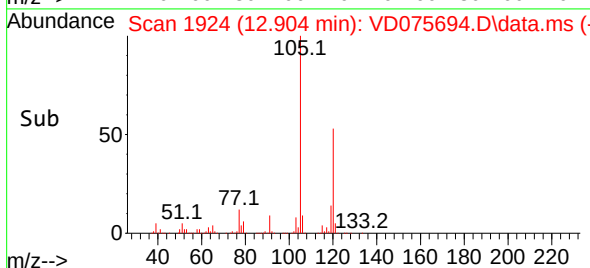
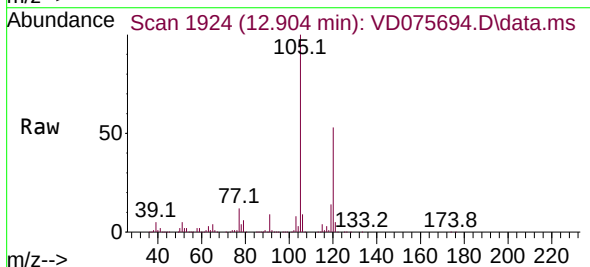
Manual Integrations
APPROVED

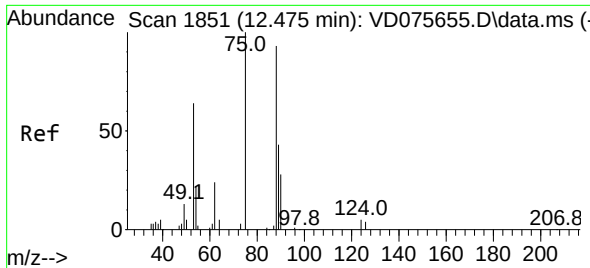
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 53.792 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

Tgt Ion:105 Resp: 516809
Ion Ratio Lower Upper
105 100
120 51.8 24.3 72.8





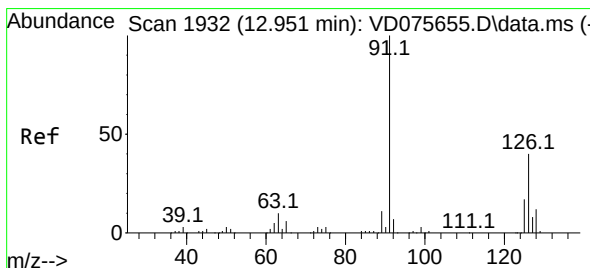
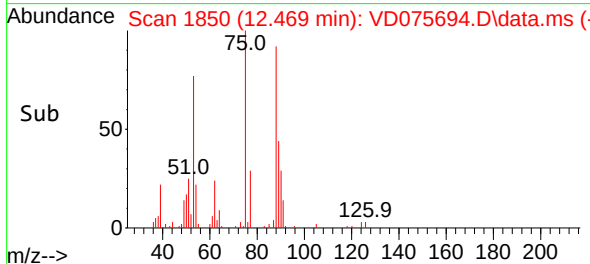
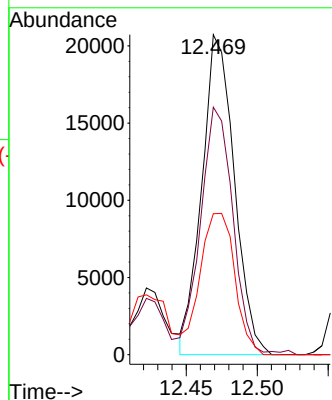
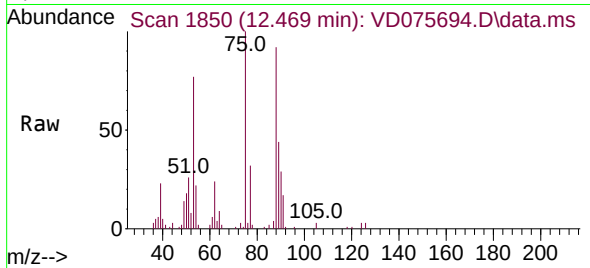
#81
trans-1,4-Dichloro-2-butene
Concen: 49.817 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 32914
Ion Ratio Lower Upper
75 100
53 78.1 90.5 135.7
89 47.2 40.2 60.4

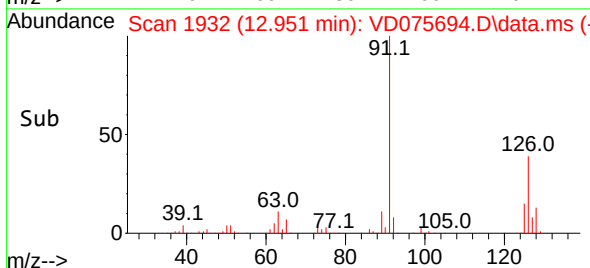
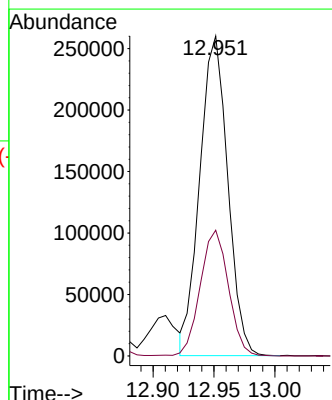
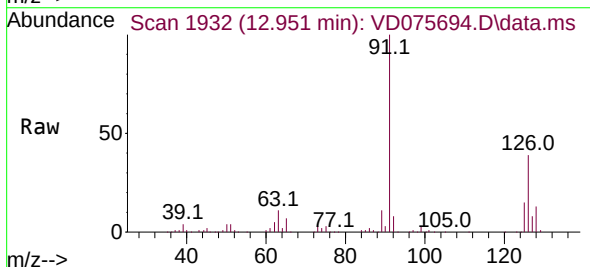
Manual Integrations
APPROVED

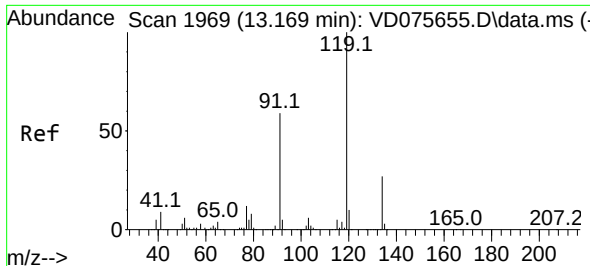
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#82
4-Chlorotoluene
Concen: 49.911 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

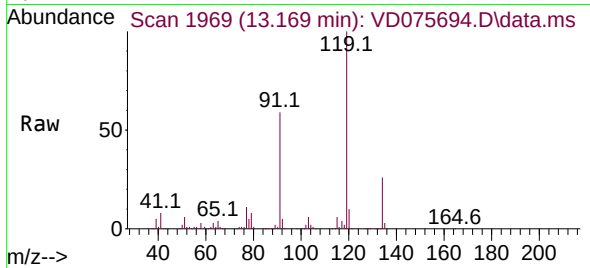
Tgt Ion: 91 Resp: 415816
Ion Ratio Lower Upper
91 100
126 39.7 17.1 51.2





#83
tert-Butylbenzene
Concen: 54.219 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

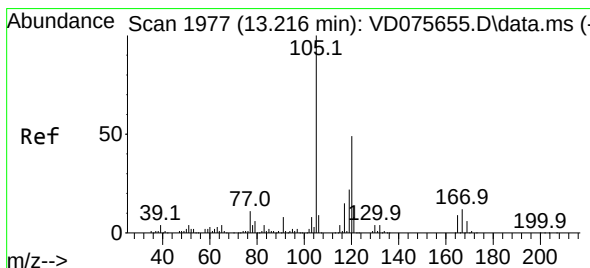
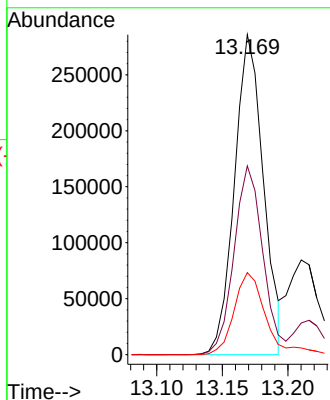
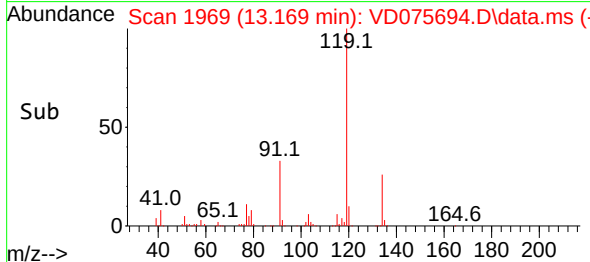
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



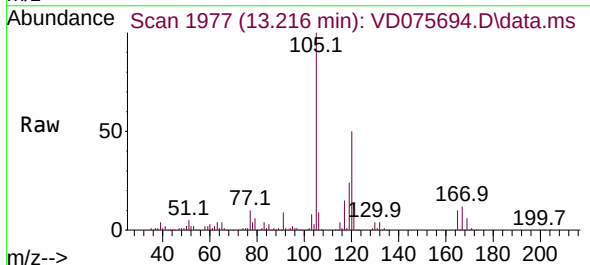
Tgt Ion:119 Resp: 439219
Ion Ratio Lower Upper
119 100
91 59.0 32.4 97.0
134 28.1 13.0 39.0

Manual Integrations
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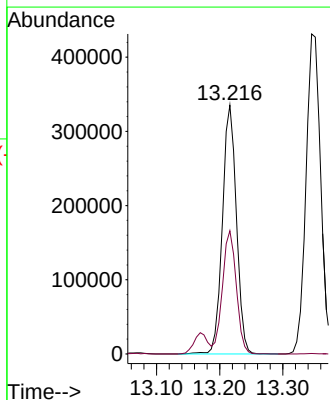
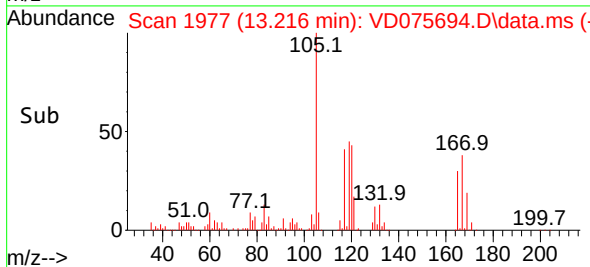
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

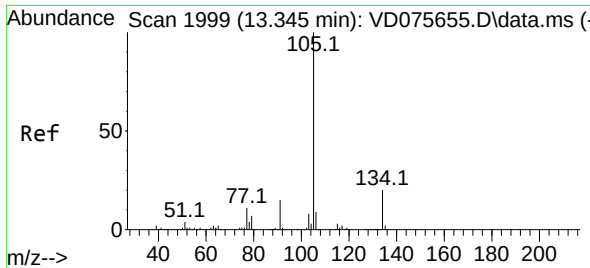


#84
1,2,4-Trimethylbenzene
Concen: 53.665 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47



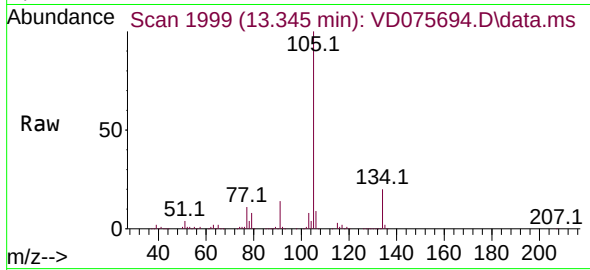
Tgt Ion:105 Resp: 517352
Ion Ratio Lower Upper
105 100
120 49.0 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 55.367 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075694.D
 Acq: 17 Apr 2023 10:47

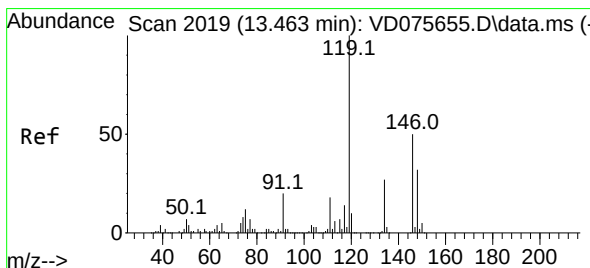
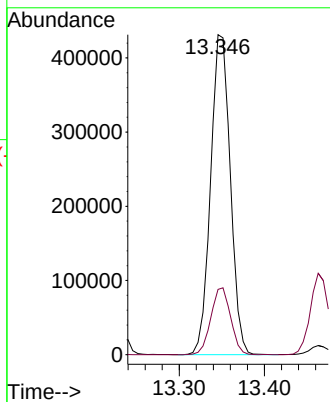
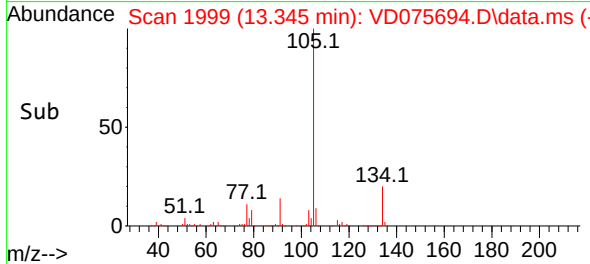
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



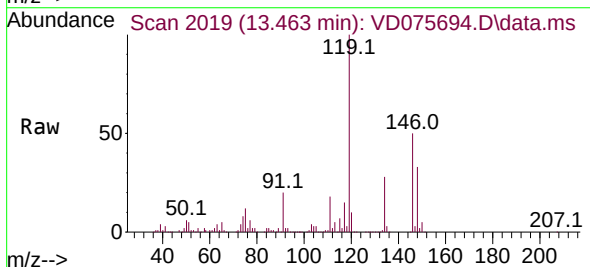
Tgt Ion:105 Resp: 691936
 Ion Ratio Lower Upper
 105 100
 134 20.9 9.9 29.7

Manual Integrations
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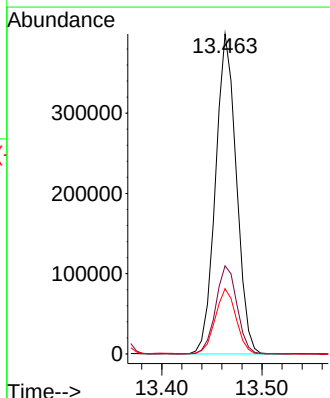
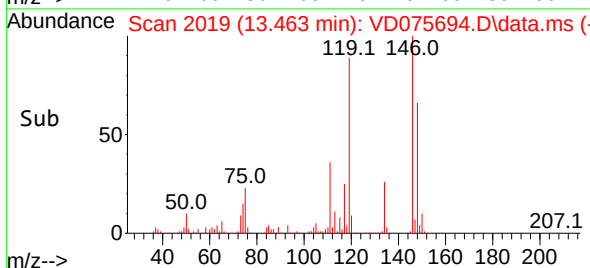
Reviewed By :John Carlone 04/18/2023
 Supervised By :Mahesh Dadoda 04/18/2023

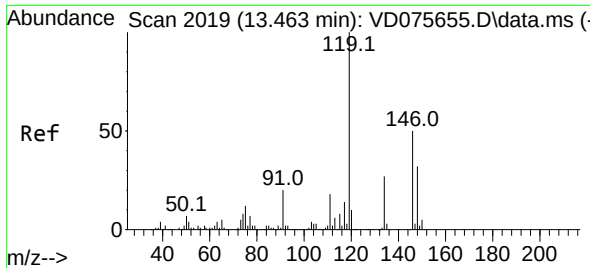


#86
 p-Isopropyltoluene
 Concen: 55.344 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075694.D
 Acq: 17 Apr 2023 10:47



Tgt Ion:119 Resp: 575786
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.1 39.3
 91 20.2 12.4 37.4





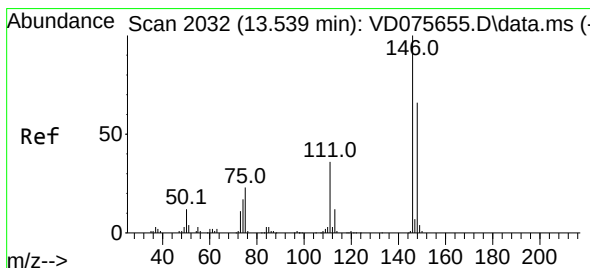
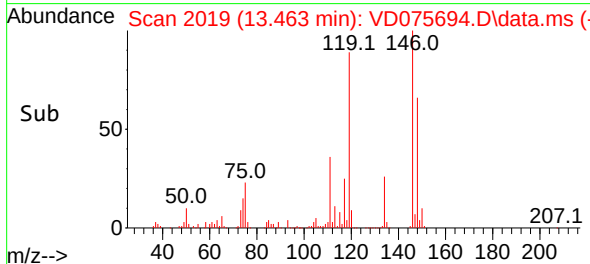
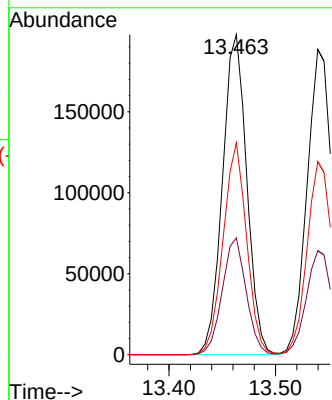
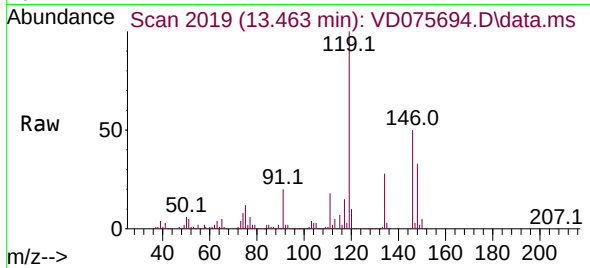
#87
1,3-Dichlorobenzene
Concen: 50.695 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 31334
Ion Ratio Lower Upper
146 100
111 36.0 19.8 59.3
148 64.2 31.0 93.0

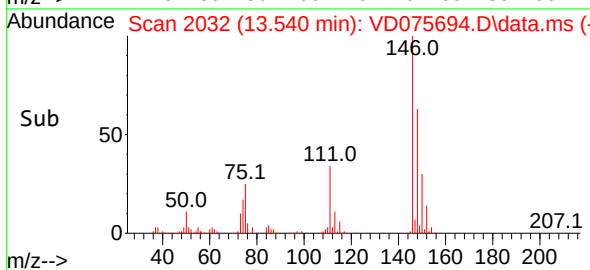
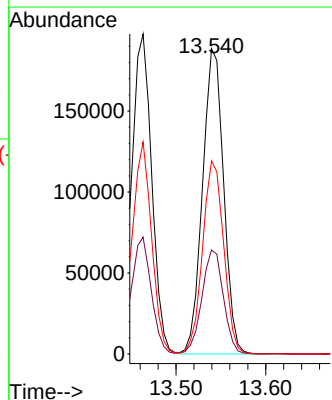
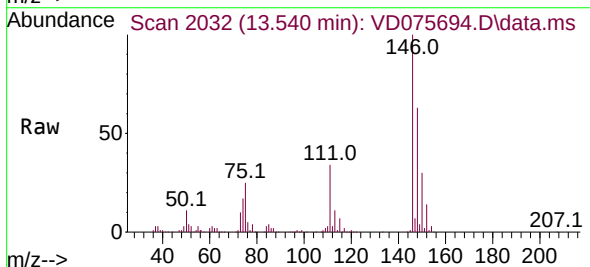
Manual Integrations
APPROVED

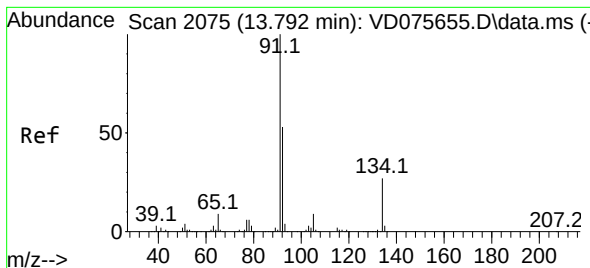
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#88
1,4-Dichlorobenzene
Concen: 50.459 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.001 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

Tgt Ion:146 Resp: 308122
Ion Ratio Lower Upper
146 100
111 34.7 19.6 58.8
148 63.3 31.7 95.1





#89

n-Butylbenzene

Concen: 55.157 ug/l

RT: 13.793 min Scan# 2075

Delta R.T. 0.001 min

Lab File: VD075694.D

Acq: 17 Apr 2023 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

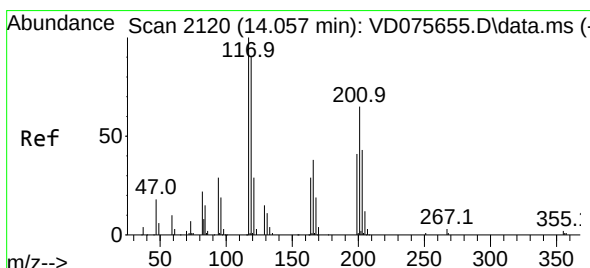
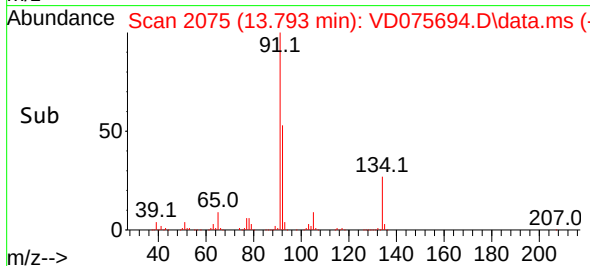
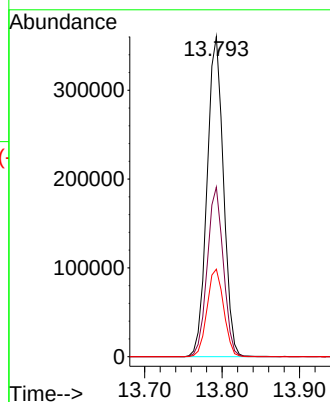
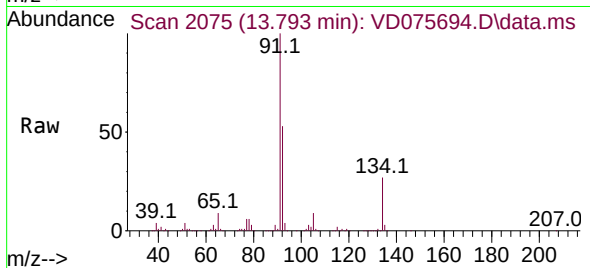
Tgt Ion: 91 Resp: 528590
 Ion Ratio Lower Upper
 91 100
 92 52.1 26.2 78.5
 134 27.8 12.7 38.0

Manual Integrations

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Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#90

Hexachloroethane

Concen: 50.820 ug/l

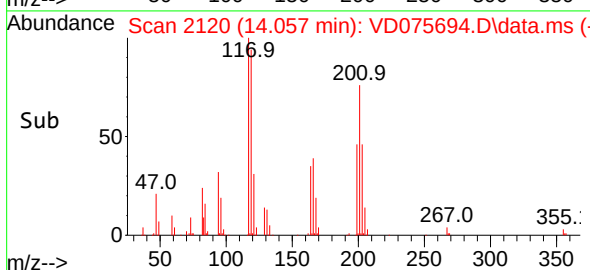
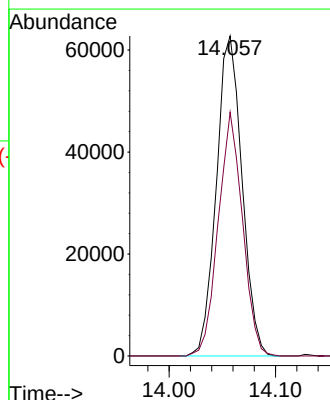
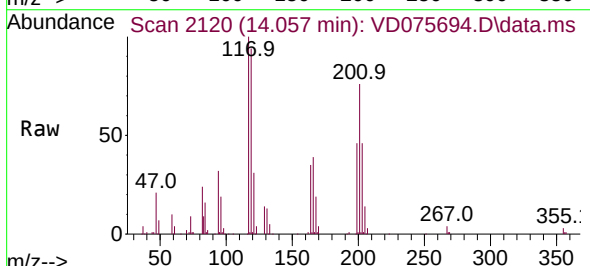
RT: 14.057 min Scan# 2120

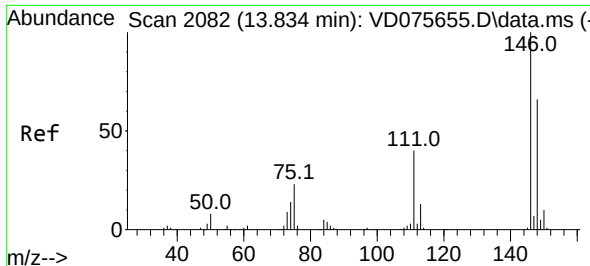
Delta R.T. 0.000 min

Lab File: VD075694.D

Acq: 17 Apr 2023 10:47

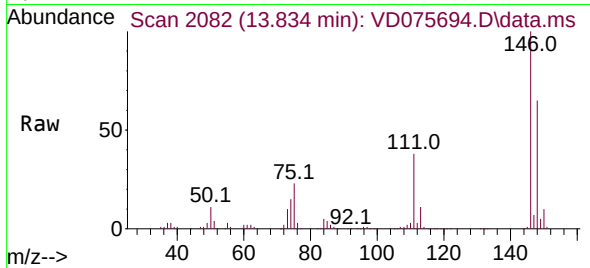
Tgt Ion:117 Resp: 105051
 Ion Ratio Lower Upper
 117 100
 201 71.9 34.5 103.6





#91
1,2-Dichlorobenzene
Concen: 50.133 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

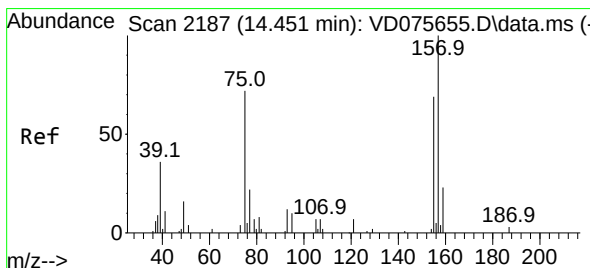
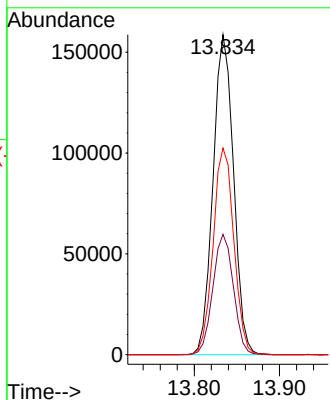
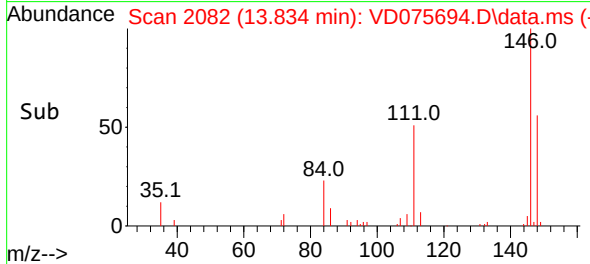
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



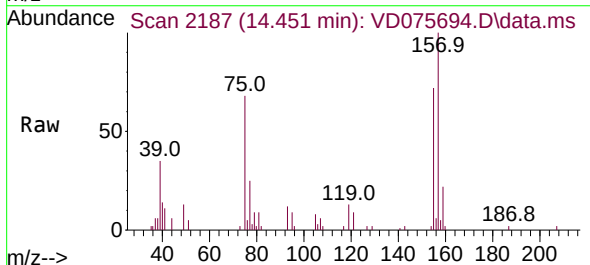
Tgt Ion:146 Resp: 265439
Ion Ratio Lower Upper
146 100
111 37.7 20.6 61.8
148 65.4 32.0 96.2

Manual Integrations
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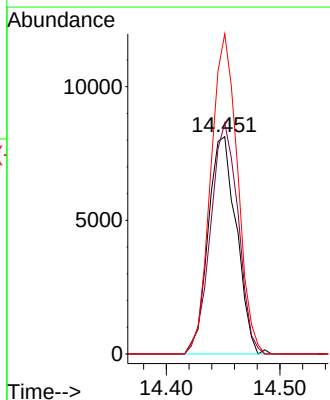
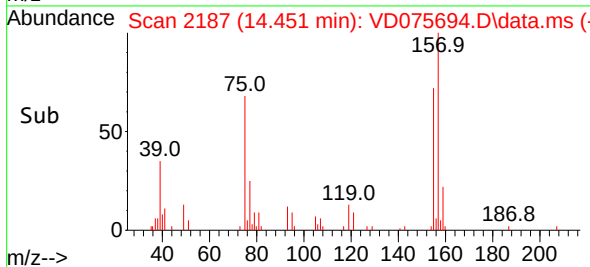
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

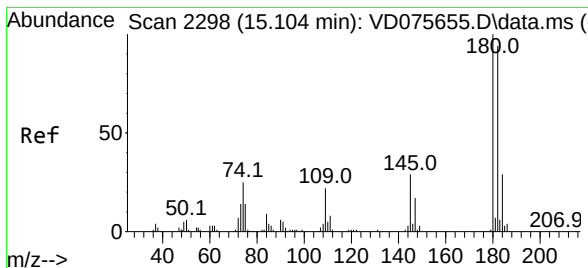


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.723 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47



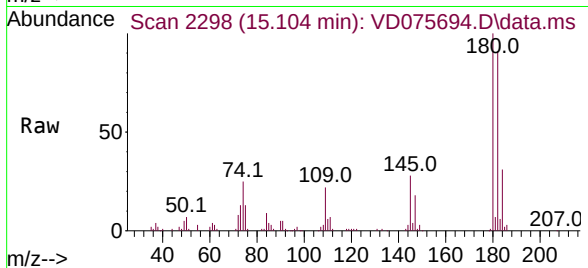
Tgt Ion: 75 Resp: 14022
Ion Ratio Lower Upper
75 100
155 103.5 39.5 118.5
157 139.9 53.5 160.7





#93
1,2,4-Trichlorobenzene
Concen: 48.991 ug/l
RT: 15.104 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

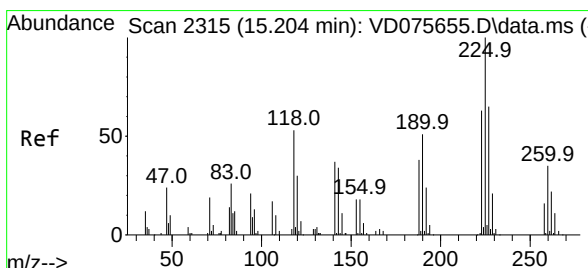
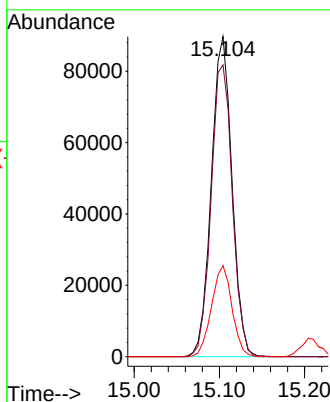
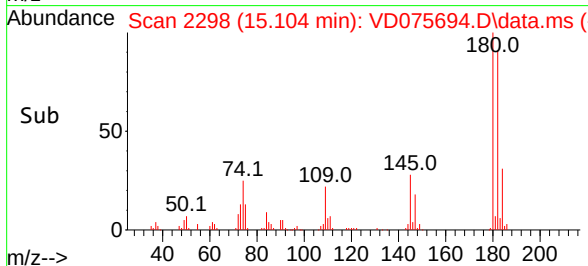
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



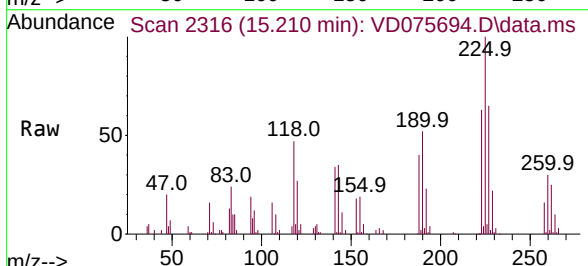
Tgt Ion:180 Resp: 150908
Ion Ratio Lower Upper
180 100
182 93.6 47.9 143.7
145 28.2 15.9 47.7

Manual Integrations
APPROVED

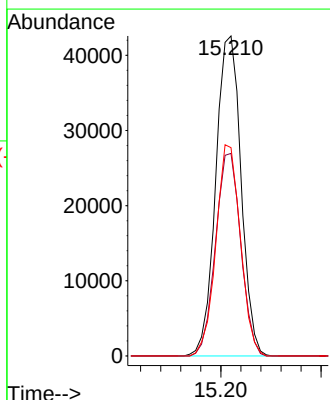
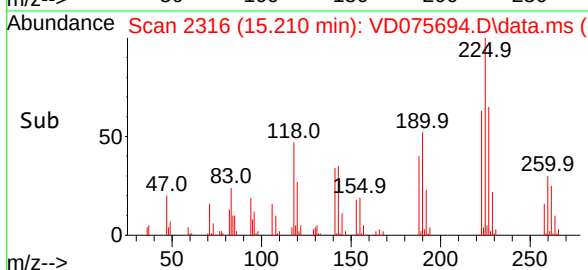
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

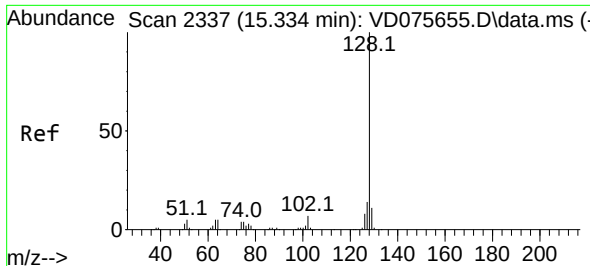


#94
Hexachlorobutadiene
Concen: 50.589 ug/l
RT: 15.210 min Scan# 2316
Delta R.T. 0.006 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47



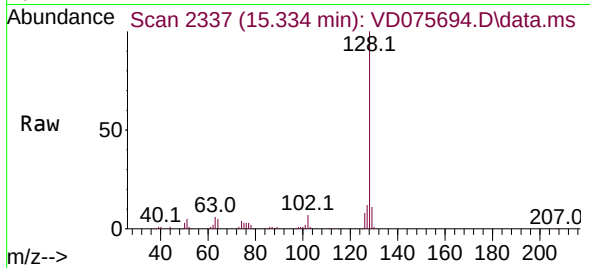
Tgt Ion:225 Resp: 74481
Ion Ratio Lower Upper
225 100
223 63.2 33.1 99.2
227 63.7 31.9 95.9





#95
Naphthalene
Concen: 50.061 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47

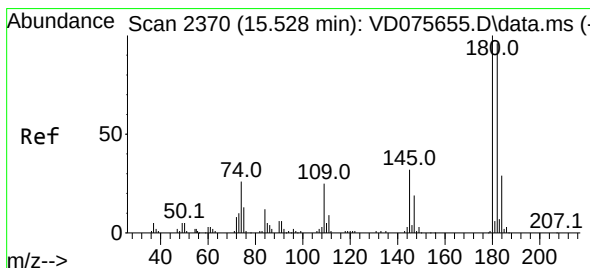
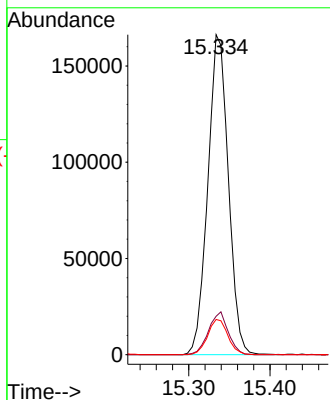
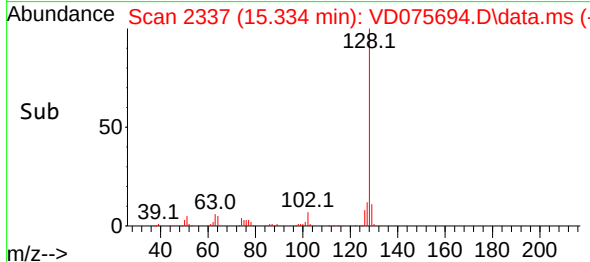
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



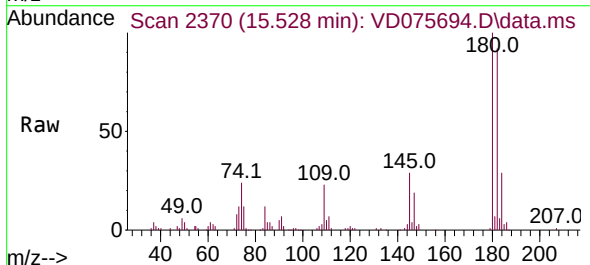
Tgt Ion:128 Resp: 292140
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.888 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD075694.D
Acq: 17 Apr 2023 10:47



Tgt Ion:180 Resp: 132547
Ion Ratio Lower Upper
180 100
182 94.8 47.7 143.1
145 30.7 16.4 49.4

