

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
 Data File : VD075697.D
 Acq On : 17 Apr 2023 13:08
 Operator : KP/SY
 Sample : VD0417SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0417SBS01

Manual Integrations
 APPROVED

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

Quant Time: Apr 18 01:17:23 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	7.881	168	214396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	370860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	339730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	167273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	90482	44.462	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.920%		
35) Dibromofluoromethane	7.810	113	114098	45.742	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.480%		
50) Toluene-d8	10.269	98	453418	45.392	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.780%		
62) 4-Bromofluorobenzene	12.575	95	123465	46.502	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	43442	21.807	ug/l	96
3) Chloromethane	2.152	50	66431	18.468	ug/l	97
4) Vinyl Chloride	2.281	62	91843	19.241	ug/l	100
5) Bromomethane	2.681	94	69214	18.572	ug/l	95
6) Chloroethane	2.834	64	59874	18.631	ug/l	100
7) Trichlorofluoromethane	3.169	101	77598	20.981	ug/l	94
8) Diethyl Ether	3.593	74	20889	18.147	ug/l	68
9) 1,1,2-Trichlorotrifluo...	3.964	101	50420	21.740	ug/l	94
10) Methyl Iodide	4.164	142	61481	19.370	ug/l	90
11) Tert butyl alcohol	5.052	59	9426	92.292	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	48666	20.266	ug/l	88
13) Acrolein	3.799	56	18907	91.777	ug/l	95
14) Allyl chloride	4.558	41	41848	19.135	ug/l #	79
15) Acrylonitrile	5.258	53	41161	95.738	ug/l	96
16) Acetone	4.022	43	32100	86.101	ug/l #	73
17) Carbon Disulfide	4.269	76	153453	19.527	ug/l	98
18) Methyl Acetate	4.563	43	25246	20.081	ug/l #	68
19) Methyl tert-butyl Ether	5.316	73	86577	18.577	ug/l	99
20) Methylene Chloride	4.799	84	75447	23.739	ug/l #	73
21) trans-1,2-Dichloroethene	5.311	96	55170	19.290	ug/l #	75
22) Diisopropyl ether	6.216	45	95524	19.330	ug/l #	89
23) Vinyl Acetate	6.158	43	219785	95.751	ug/l #	86
24) 1,1-Dichloroethane	6.116	63	79887	19.509	ug/l	100
25) 2-Butanone	7.087	43	42551	88.644	ug/l #	78
26) 2,2-Dichloropropane	7.081	77	68929	18.567	ug/l	92
27) cis-1,2-Dichloroethene	7.081	96	58345	18.416	ug/l	80
28) Bromochloromethane	7.422	49	24942	19.269	ug/l #	46
29) Tetrahydrofuran	7.452	42	24488	93.286	ug/l #	56
30) Chloroform	7.599	83	89167	19.208	ug/l	97
31) Cyclohexane	7.875	56	66129	20.708	ug/l #	71
32) 1,1,1-Trichloroethane	7.799	97	75042	19.825	ug/l	96
36) 1,1-Dichloropropene	8.010	75	68154	19.805	ug/l	94
37) Ethyl Acetate	7.169	43	19319	18.447	ug/l #	81
38) Carbon Tetrachloride	7.993	117	61324	20.236	ug/l	98
39) Methylcyclohexane	9.275	83	80616	20.259	ug/l	94
40) Benzene	8.252	78	205169	19.179	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	10914	21.717	ug/l #	75
42) 1,2-Dichloroethane	8.328	62	46505	19.139	ug/l	91
43) Isopropyl Acetate	8.363	43	35454	18.566	ug/l #	80
44) Trichloroethene	9.028	130	57601	19.025	ug/l	91
45) 1,2-Dichloropropane	9.304	63	46390	19.351	ug/l	96
46) Dibromomethane	9.399	93	29342	19.293	ug/l	98
47) Bromodichloromethane	9.587	83	66172	19.021	ug/l	98
48) Methyl methacrylate	9.387	41	17001	19.982	ug/l #	62
49) 1,4-Dioxane	9.393	88	5534	366.757	ug/l #	71
51) 4-Methyl-2-Pentanone	10.163	43	92958	91.297	ug/l #	80
52) Toluene	10.334	92	132991	18.696	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	59911	17.965	ug/l	90
54) cis-1,3-Dichloropropene	10.022	75	72527	18.304	ug/l #	75
55) 1,1,2-Trichloroethane	10.740	97	40907	18.577	ug/l	91
56) Ethyl methacrylate	10.598	69	36825	16.993	ug/l #	68
57) 1,3-Dichloropropane	10.881	76	62275	18.628	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	87040	93.522	ug/l #	86
59) 2-Hexanone	10.928	43	64853	90.588	ug/l	75
60) Dibromochloromethane	11.075	129	46443	18.024	ug/l	100
61) 1,2-Dibromoethane	11.181	107	39007	18.569	ug/l	99
64) Tetrachloroethene	10.810	164	47429	19.385	ug/l	97
65) Chlorobenzene	11.610	112	142945	19.644	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	47011	18.793	ug/l	93
67) Ethyl Benzene	11.687	91	230098	19.484	ug/l	95
68) m/p-Xylenes	11.793	106	192190	39.711	ug/l	92
69) o-Xylene	12.122	106	88047	20.119	ug/l	88
70) Styrene	12.140	104	149818	18.931	ug/l	93
71) Bromoform	12.298	173	25852	19.769	ug/l #	96
73) Isopropylbenzene	12.422	105	215434	19.624	ug/l	97
74) N-amyl acetate	12.234	43	31459	19.501	ug/l #	75
75) 1,1,2,2-Tetrachloroethane	12.675	83	41377	19.402	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	25791m	18.907	ug/l	
77) Bromobenzene	12.704	156	55264	19.526	ug/l	90
78) n-propylbenzene	12.769	91	279272	20.753	ug/l	97
79) 2-Chlorotoluene	12.851	91	148374	19.440	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	185573	20.277	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	11980	19.035	ug/l #	74
82) 4-Chlorotoluene	12.951	91	155969	19.653	ug/l	91
83) tert-Butylbenzene	13.169	119	150900	19.555	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	185264	20.174	ug/l	95
85) sec-Butylbenzene	13.345	105	242786	20.394	ug/l	99
86) p-Isopropyltoluene	13.463	119	199919	20.172	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	112628	19.129	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	114768	19.730	ug/l	98
89) n-Butylbenzene	13.792	91	180561	19.779	ug/l	99
90) Hexachloroethane	14.057	117	38416	19.509	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	98953	19.619	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5574	19.498	ug/l	78
93) 1,2,4-Trichlorobenzene	15.104	180	51688	17.615	ug/l	98
94) Hexachlorobutadiene	15.210	225	27183	19.382	ug/l	95
95) Naphthalene	15.339	128	98311	17.685	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	47173	18.265	ug/l	98

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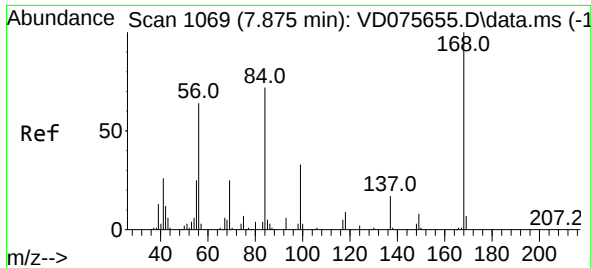
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/18/2023

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

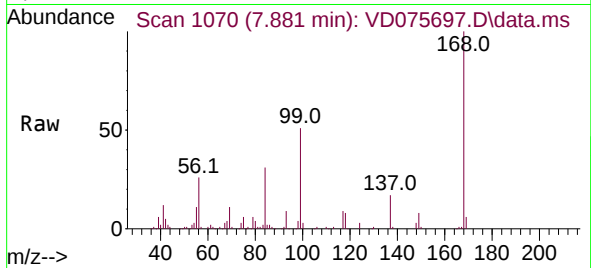
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075697.D
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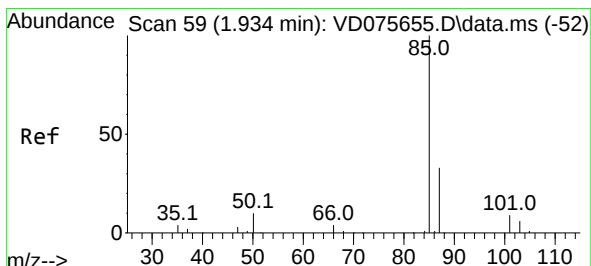
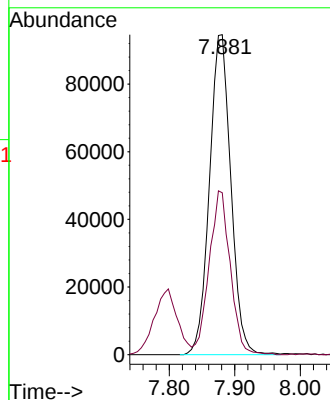
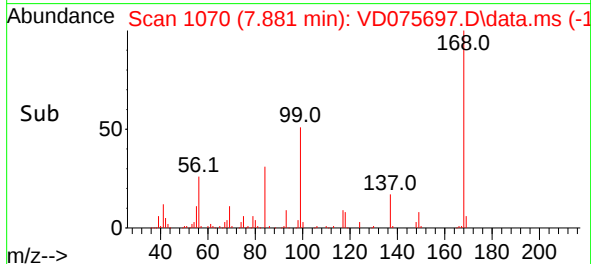
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBSD01



Tgt Ion:168 Resp: 214390
Ion Ratio Lower Upper
168 100
99 50.6 43.8 65.6

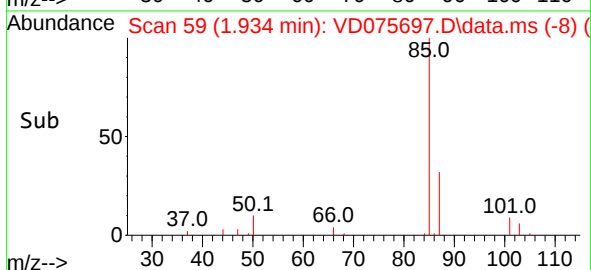
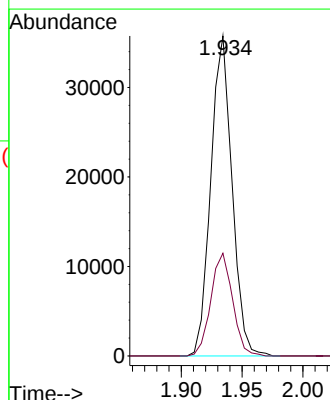
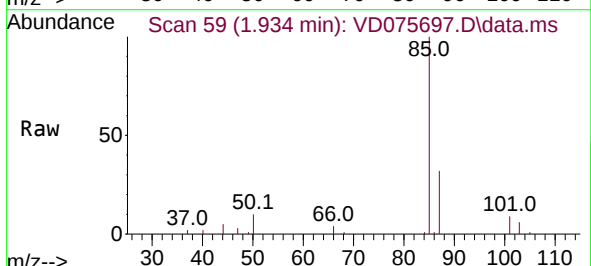
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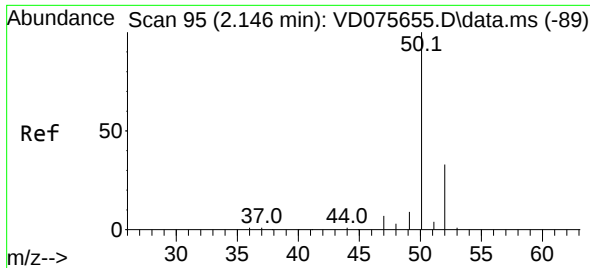
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#2
Dichlorodifluoromethane
Concen: 21.807 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

Tgt Ion: 85 Resp: 43442
Ion Ratio Lower Upper
85 100
87 32.1 17.3 51.7





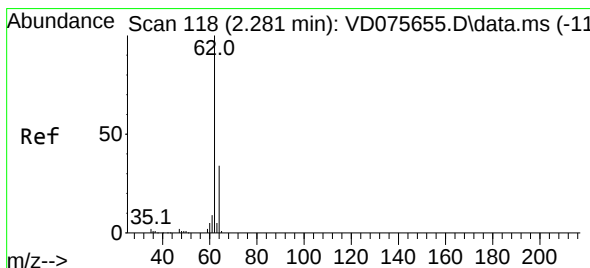
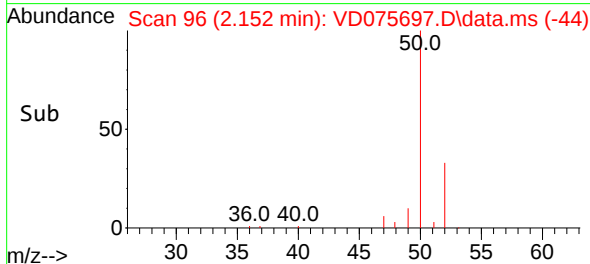
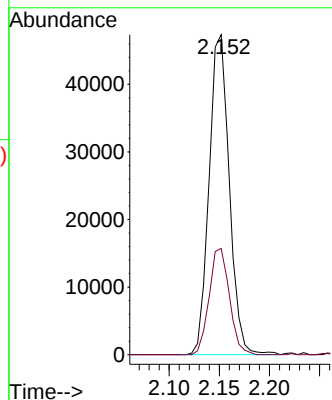
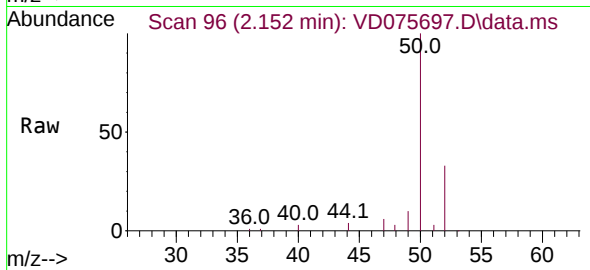
#3
Chloromethane
Concen: 18.468 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tgt Ion: 50 Resp: 6643
Ion Ratio Lower Upper
50 100
52 33.2 27.8 41.8

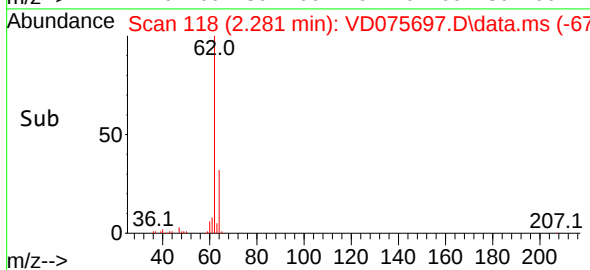
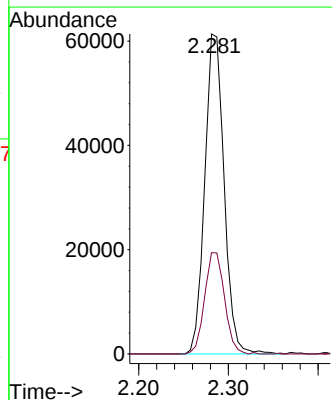
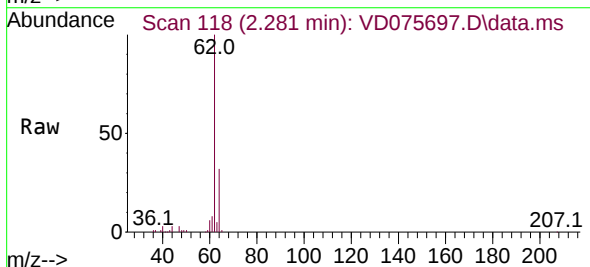
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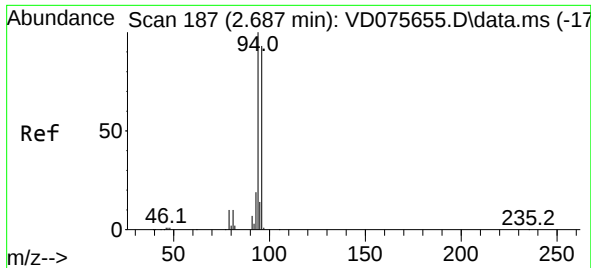
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#4
Vinyl Chloride
Concen: 19.241 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

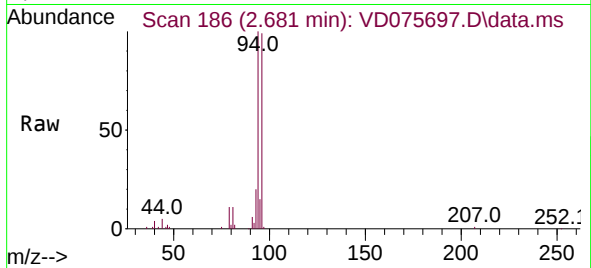
Tgt Ion: 62 Resp: 91843
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0





#5
Bromomethane
Concen: 18.572 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.006 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

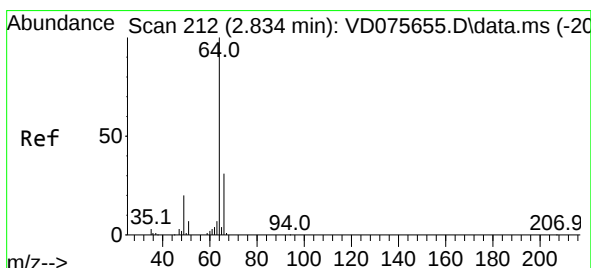
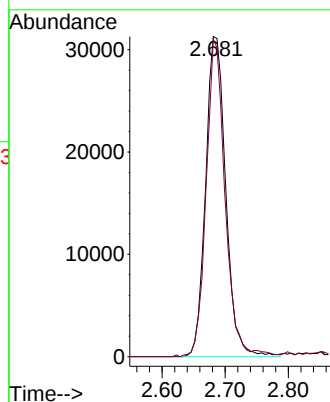
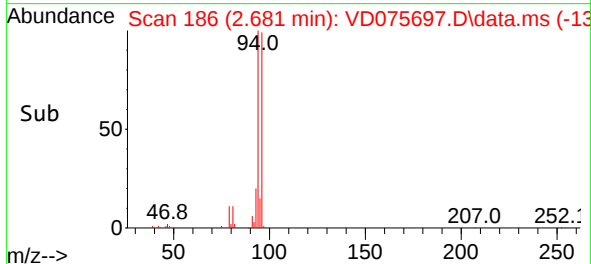
Instrument :
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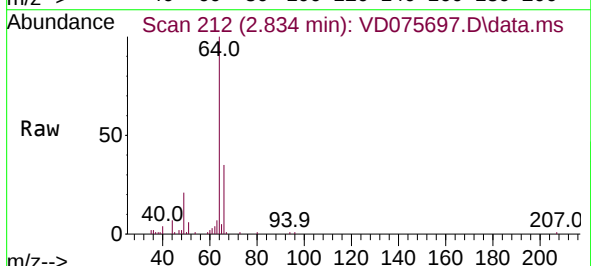
Tgt Ion: 94 Resp: 69214
Ion Ratio Lower Upper
94 100
96 92.1 77.5 116.3

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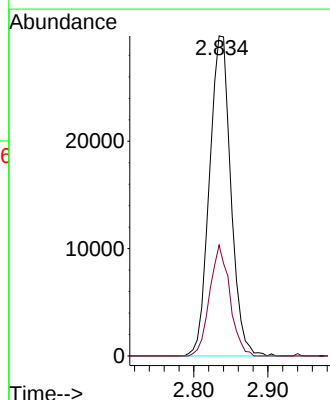
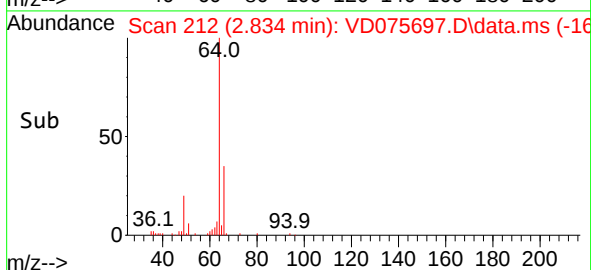
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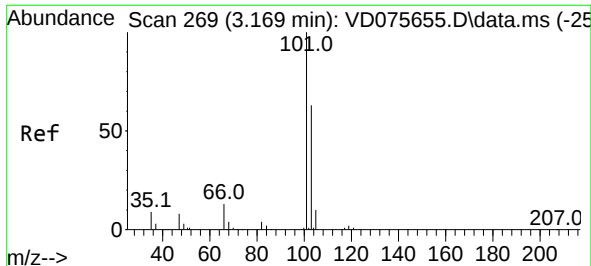


#6
Chloroethane
Concen: 18.631 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD075697.D
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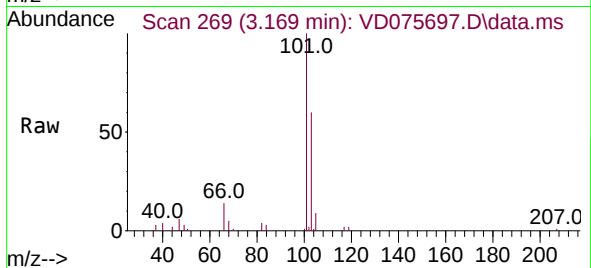
Tgt Ion: 64 Resp: 59874
Ion Ratio Lower Upper
64 100
66 34.6 27.7 41.5





#7
Trichlorofluoromethane
Concen: 20.981 ug/l
RT: 3.169 min Scan# 209
Delta R.T. 0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

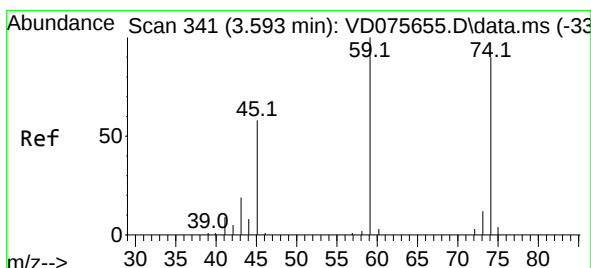
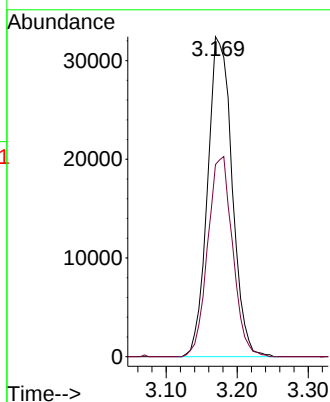
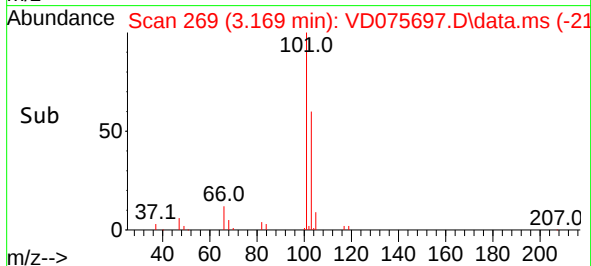
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBSD01



Tgt Ion:101 Resp: 77598
Ion Ratio Lower Upper
101 100
103 60.0 51.9 77.9

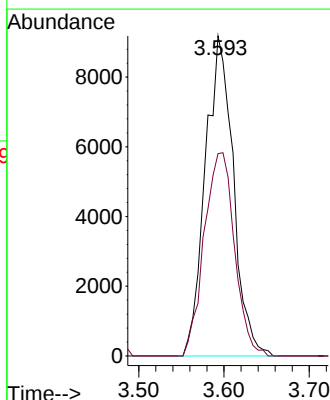
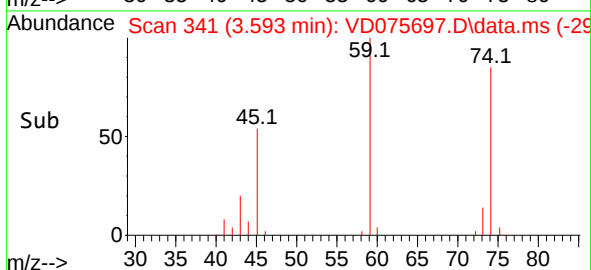
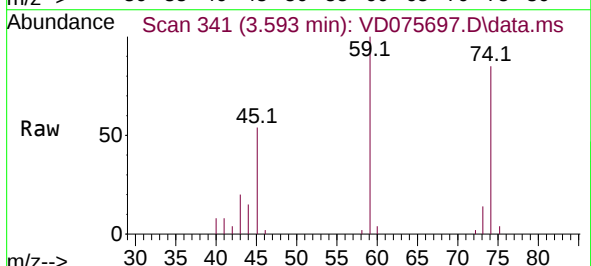
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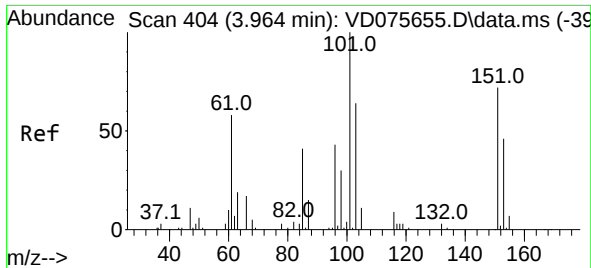
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#8
Diethyl Ether
Concen: 18.147 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

Tgt Ion: 74 Resp: 20889
Ion Ratio Lower Upper
74 100
45 69.0 50.9 152.7





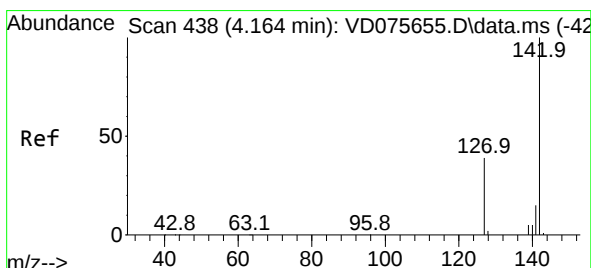
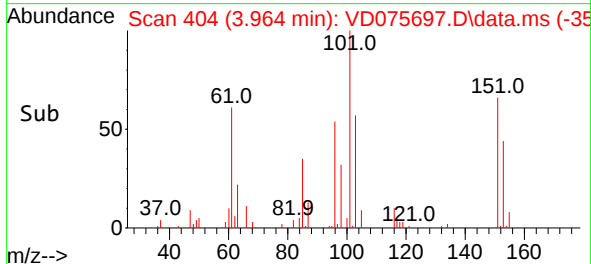
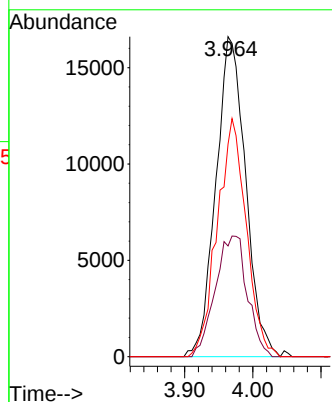
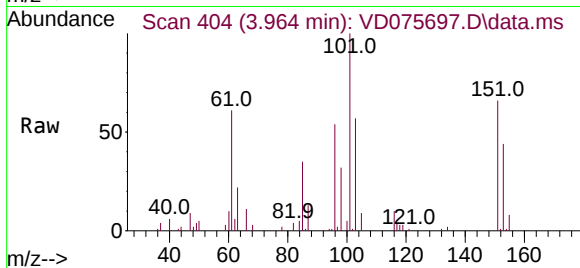
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.740 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBSD01

Tgt Ion:101 Resp: 50420
Ion Ratio Lower Upper
101 100
85 40.6 38.3 57.5
151 72.4 60.4 90.6

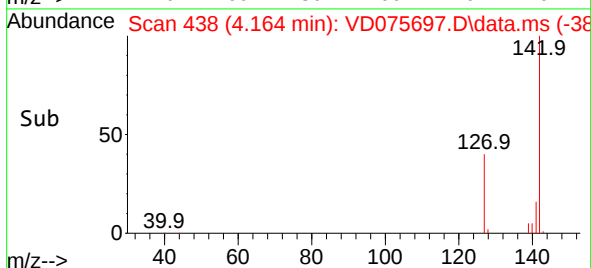
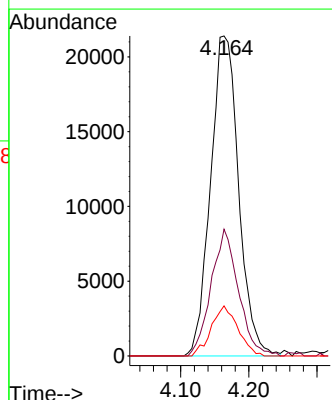
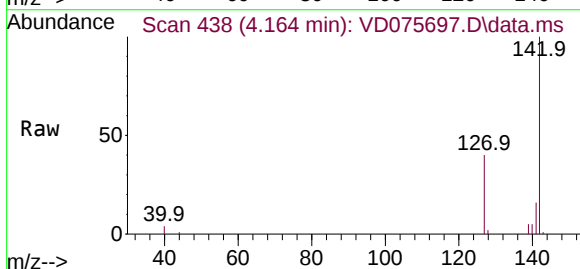
Manual Integrations
APPROVED

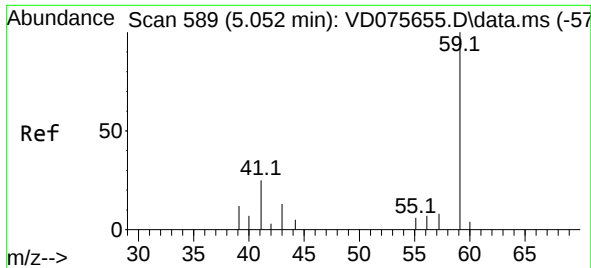
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#10
Methyl Iodide
Concen: 19.370 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

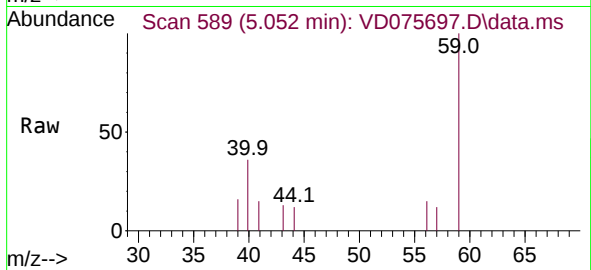
Tgt Ion:142 Resp: 61481
Ion Ratio Lower Upper
142 100
127 38.5 37.1 55.7
141 14.8 11.3 16.9





#11
Tert butyl alcohol
Concen: 92.292 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

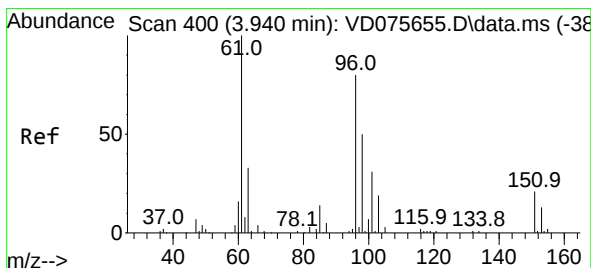
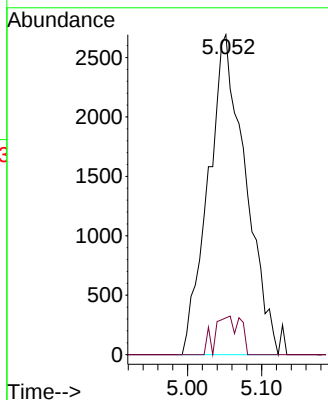
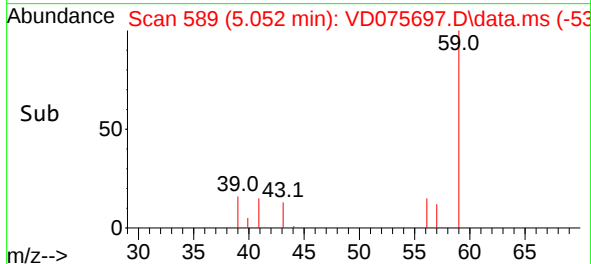
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



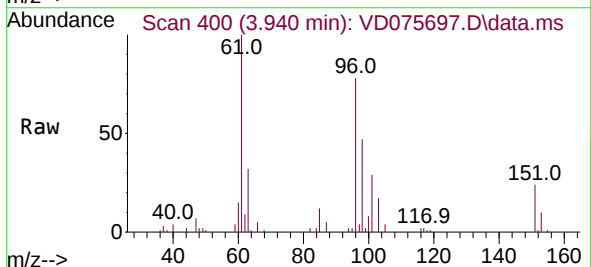
Tgt Ion: 59 Resp: 9420
Ion Ratio Lower Upper
59 100
57 8.2 0.0 0.0

Manual Integrations
APPROVED

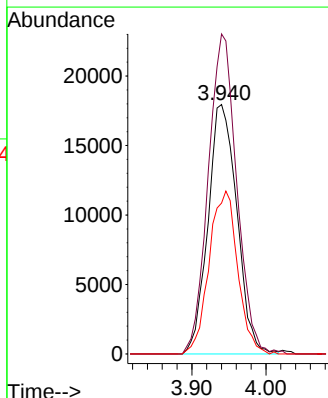
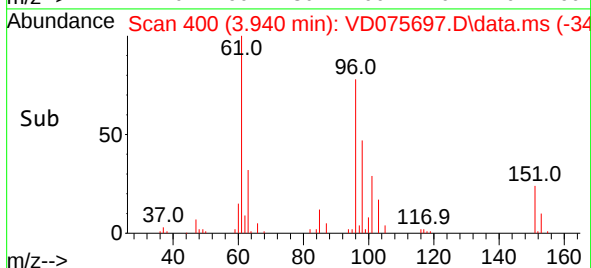
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

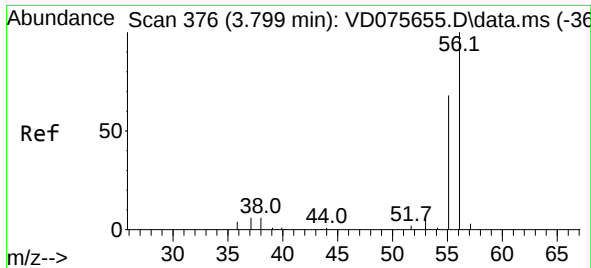


#12
1,1-Dichloroethene
Concen: 20.266 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08



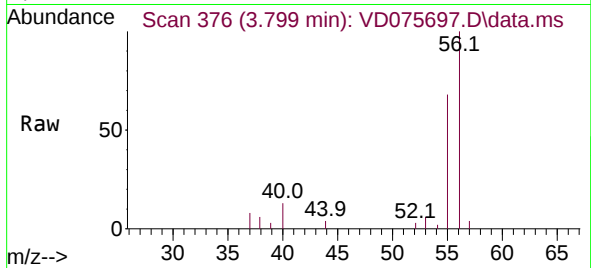
Tgt Ion: 96 Resp: 48666
Ion Ratio Lower Upper
96 100
61 128.3 118.6 177.8
98 60.5 49.7 74.5





#13
Acrolein
Concen: 91.777 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

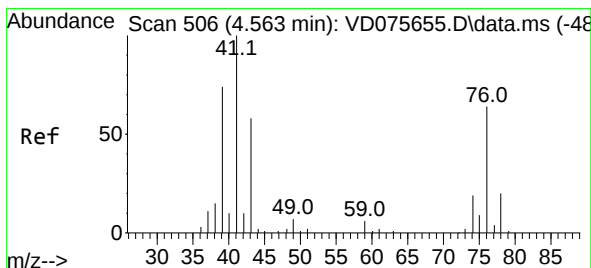
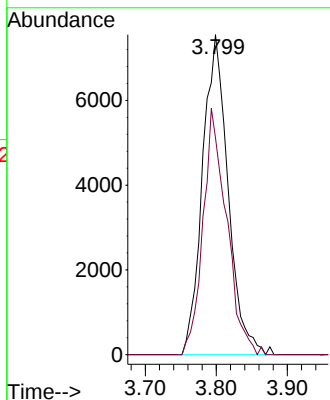
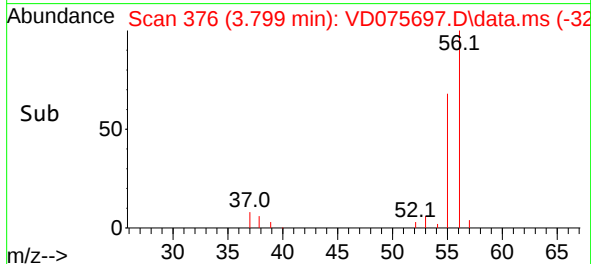
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBSD01



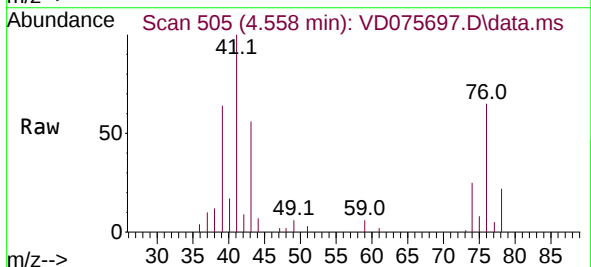
Tgt Ion: 56 Resp: 1890
Ion Ratio Lower Upper
56 100
55 71.1 53.9 80.9

Manual Integrations
APPROVED

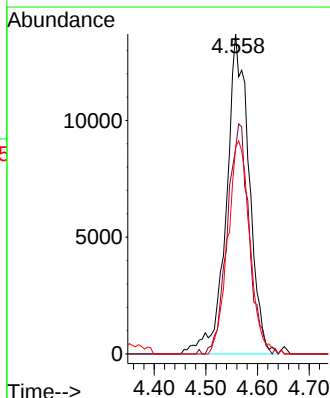
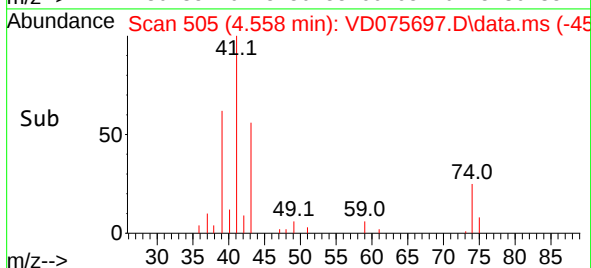
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

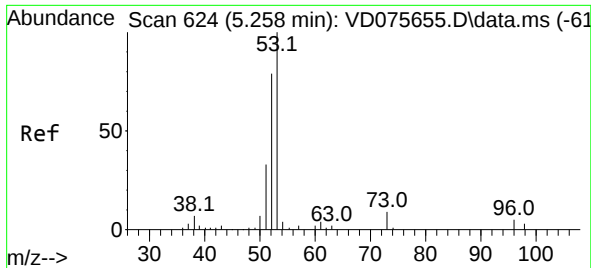


#14
Allyl chloride
Concen: 19.135 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08



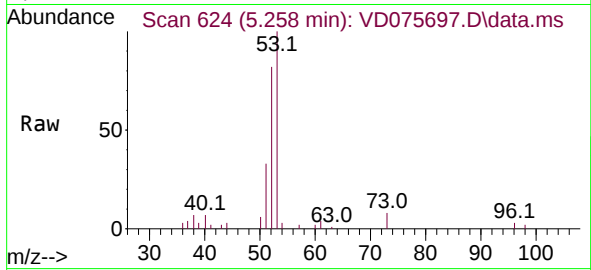
Tgt Ion: 41 Resp: 41848
Ion Ratio Lower Upper
41 100
39 68.7 60.6 90.8
76 64.7 28.6 43.0#





#15
Acrylonitrile
Concen: 95.738 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

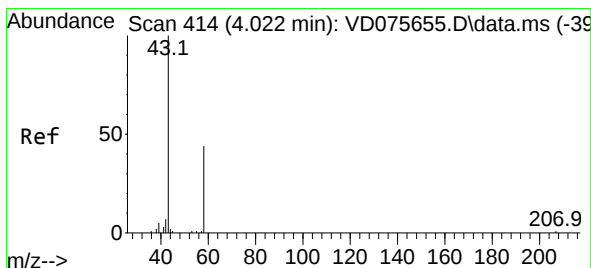
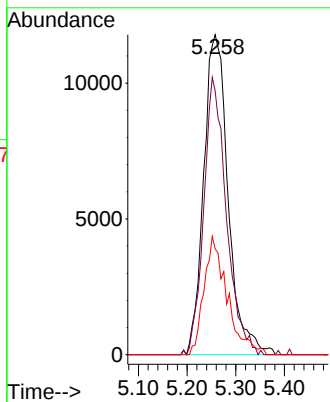
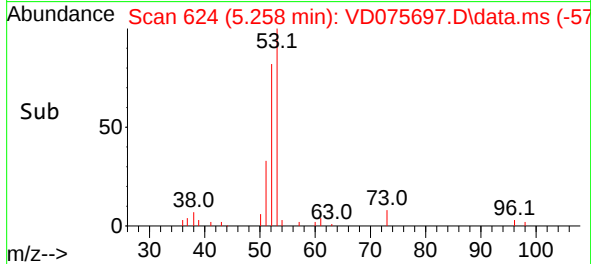
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBSD01



Tgt Ion: 53 Resp: 4116
Ion Ratio Lower Upper
53 100
52 79.9 66.2 99.4
51 35.0 30.7 46.1

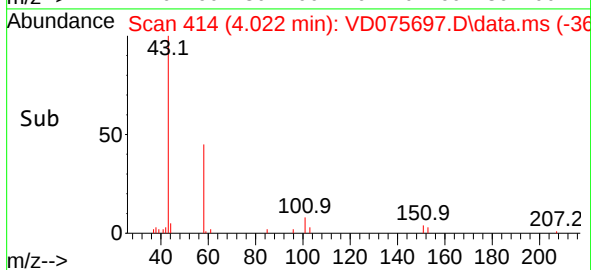
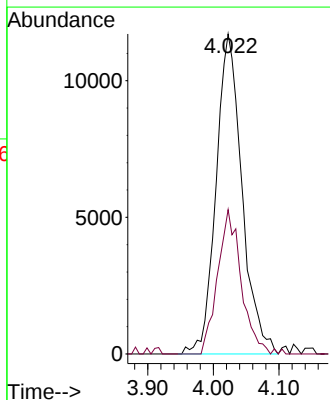
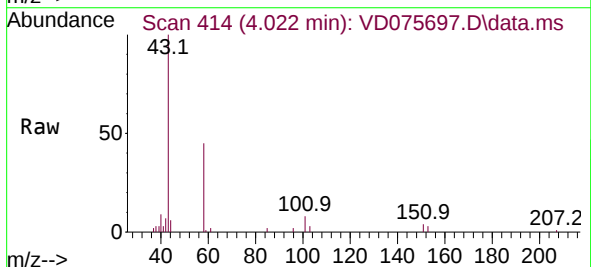
Manual Integrations
APPROVED

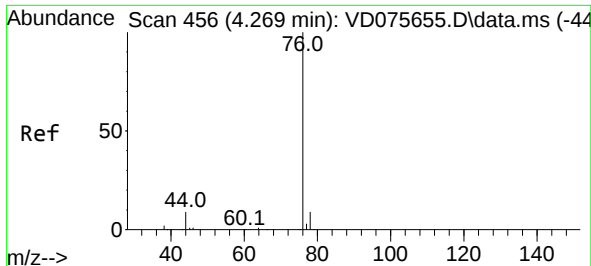
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#16
Acetone
Concen: 86.101 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

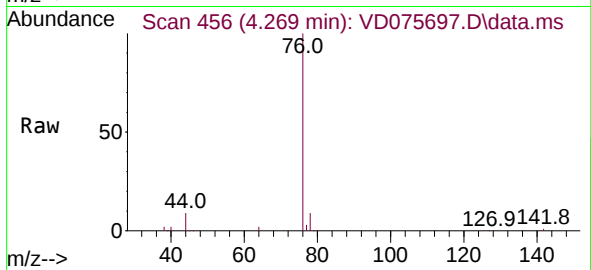
Tgt Ion: 43 Resp: 32100
Ion Ratio Lower Upper
43 100
58 45.1 24.4 36.6#





#17
Carbon Disulfide
Concen: 19.527 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

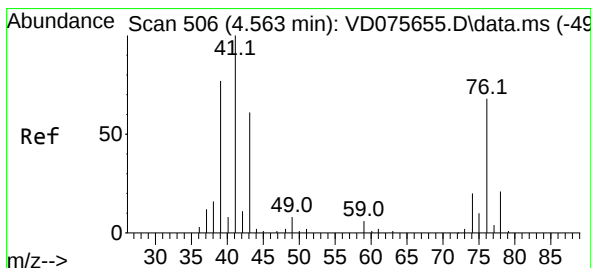
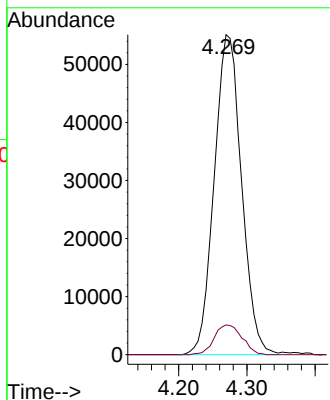
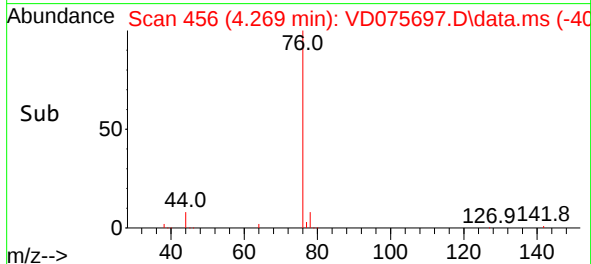
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBSD01



Tgt Ion: 76 Resp: 15345
Ion Ratio Lower Upper
76 100
78 9.3 8.0 12.0

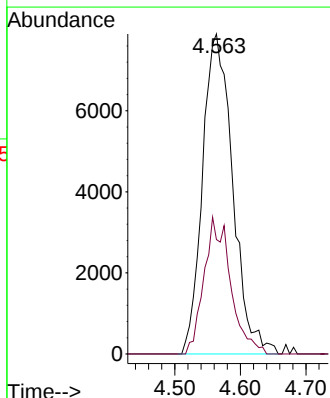
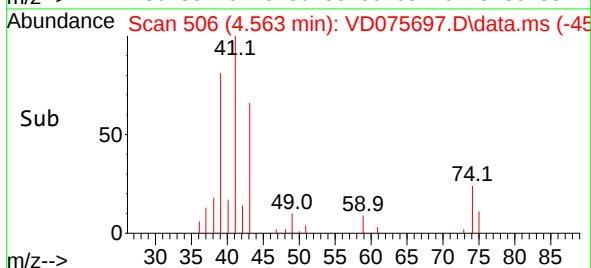
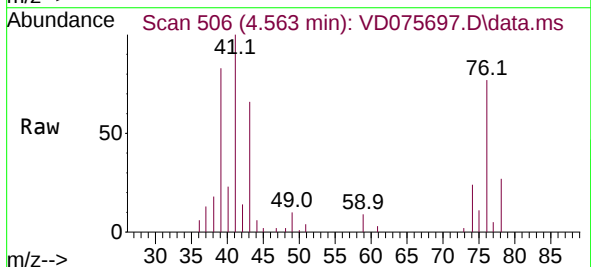
Manual Integrations
APPROVED

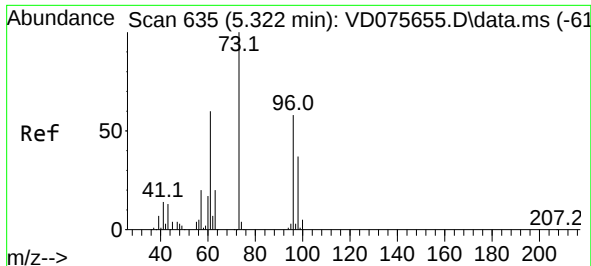
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#18
Methyl Acetate
Concen: 20.081 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

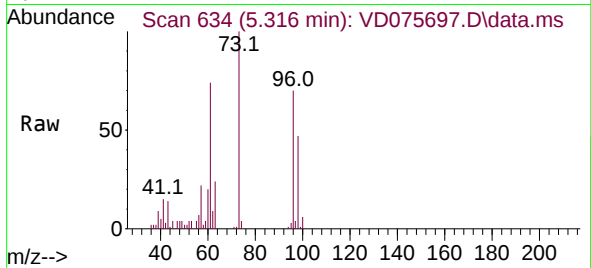
Tgt Ion: 43 Resp: 25246
Ion Ratio Lower Upper
43 100
74 37.6 17.8 26.6#





#19
Methyl tert-butyl Ether
Concen: 18.577 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

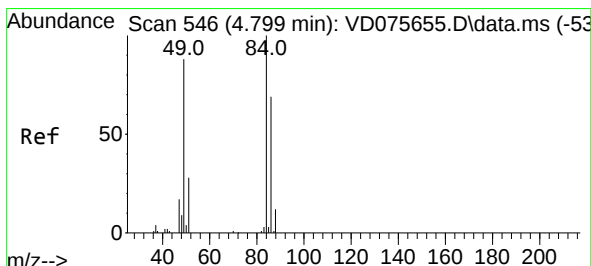
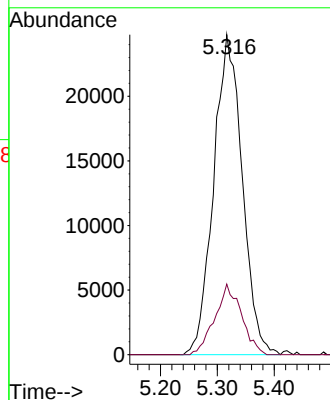
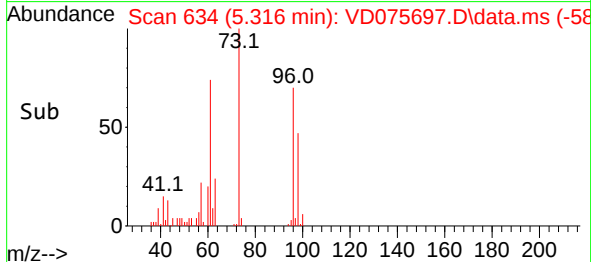
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBSD01



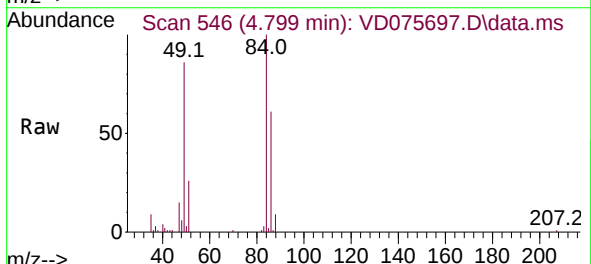
Tgt Ion: 73 Resp: 8657
Ion Ratio Lower Upper
73 100
57 22.1 17.2 25.8

Manual Integrations
APPROVED

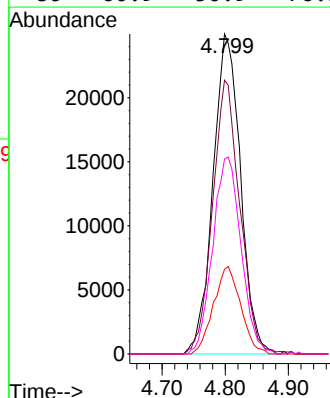
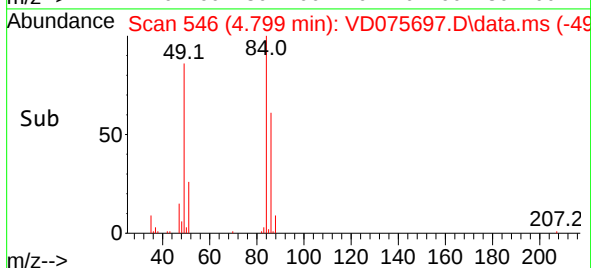
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

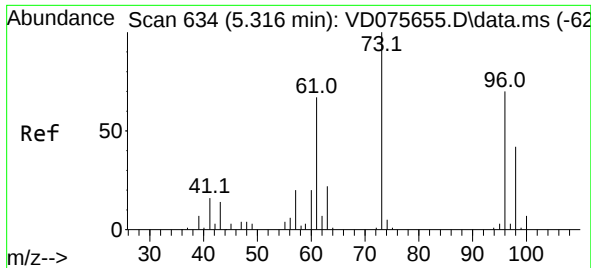


#20
Methylene Chloride
Concen: 23.739 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08



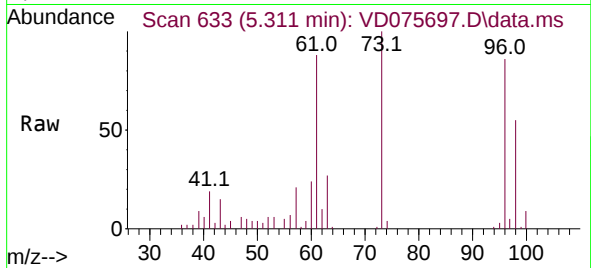
Tgt Ion: 84 Resp: 75447
Ion Ratio Lower Upper
84 100
49 85.5 106.4 159.6#
51 26.5 32.4 48.6#
86 60.9 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 19.290 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

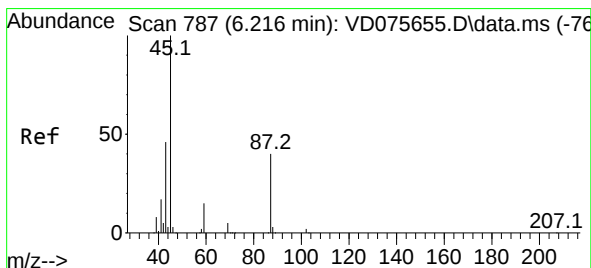
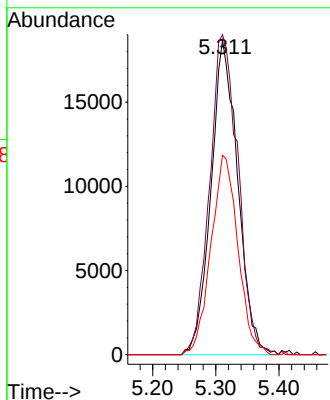
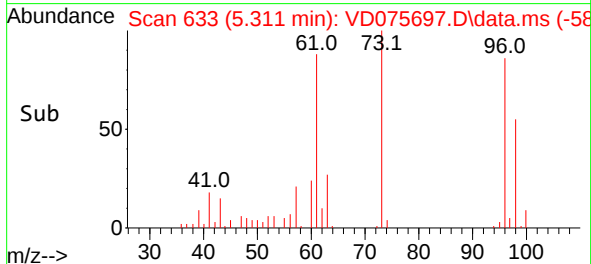
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



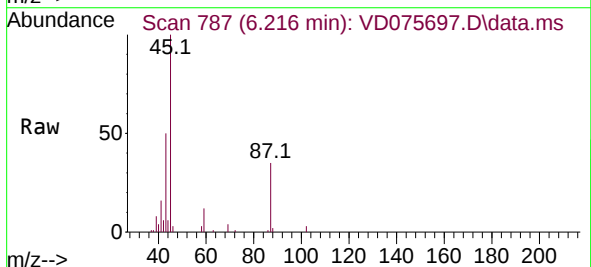
Tgt Ion: 96 Resp: 55170
Ion Ratio Lower Upper
96 100
61 101.8 117.2 175.8
98 63.4 50.6 76.0

Manual Integrations
APPROVED

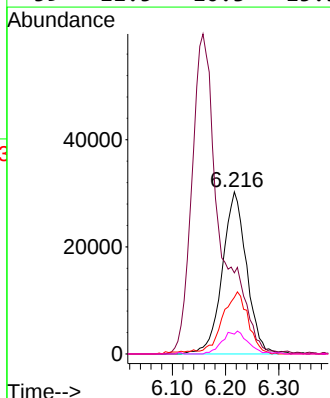
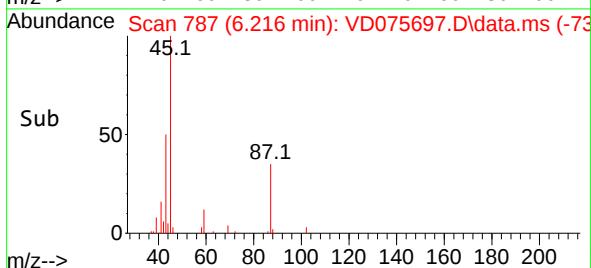
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

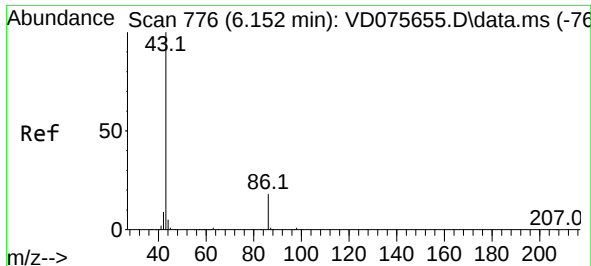


#22
Diisopropyl ether
Concen: 19.330 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08



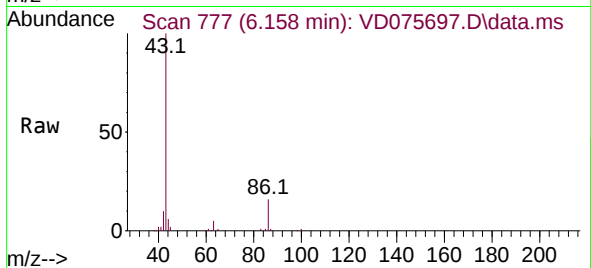
Tgt Ion: 45 Resp: 95524
Ion Ratio Lower Upper
45 100
43 48.8 44.4 66.6
87 35.0 20.9 31.3
59 11.5 10.3 15.5





#23
 Vinyl Acetate
 Concen: 95.751 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD075697.D
 Acq: 17 Apr 2023 13:08

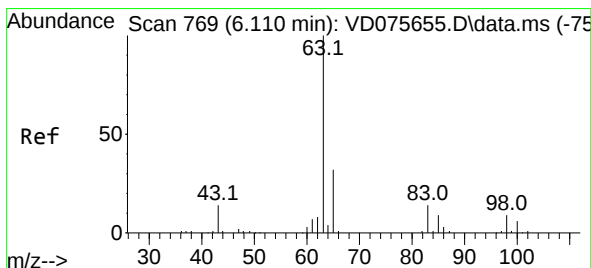
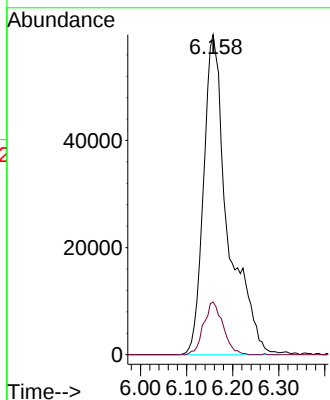
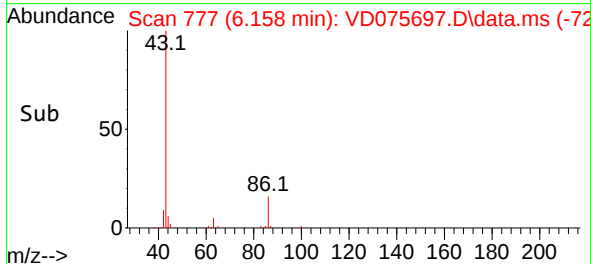
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0417SBS01



Tgt Ion: 43 Resp: 21978
 Ion Ratio Lower Upper
 43 100
 86 16.5 9.0 13.6

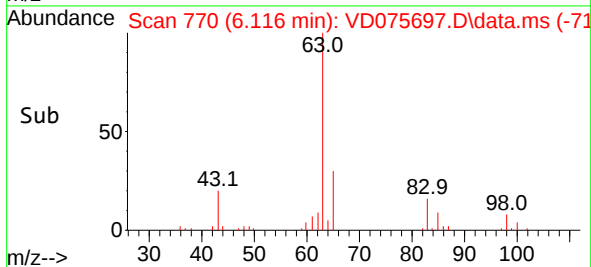
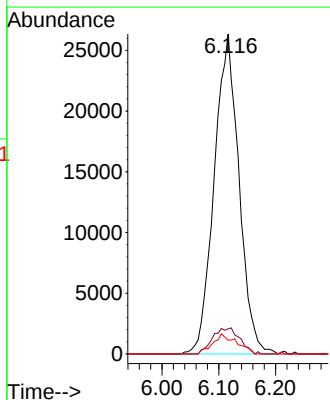
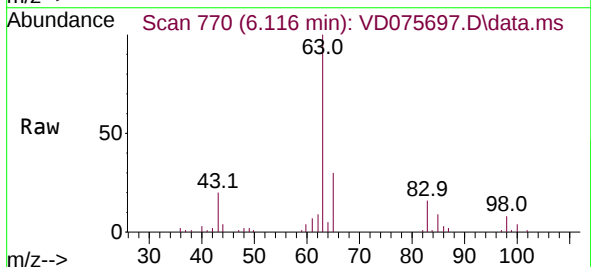
Manual Integrations
 APPROVED

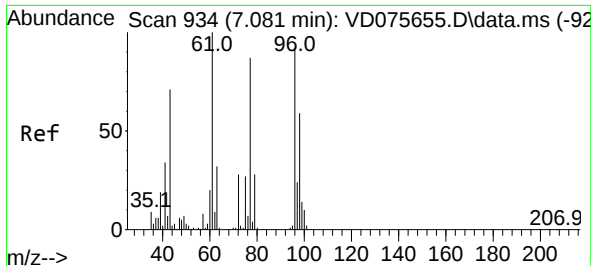
Reviewed By :John Carlone 04/18/2023
 Supervised By :Mahesh Dadoda 04/18/2023



#24
 1,1-Dichloroethane
 Concen: 19.509 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD075697.D
 Acq: 17 Apr 2023 13:08

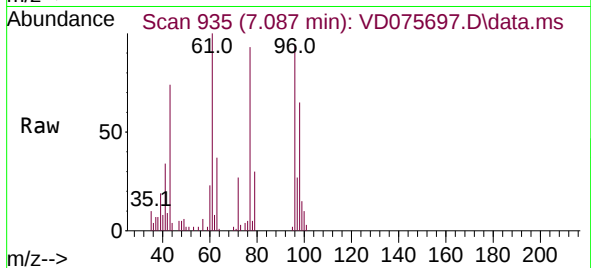
Tgt Ion: 63 Resp: 79887
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.3 2.0 6.0





#25
2-Butanone
Concen: 88.644 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

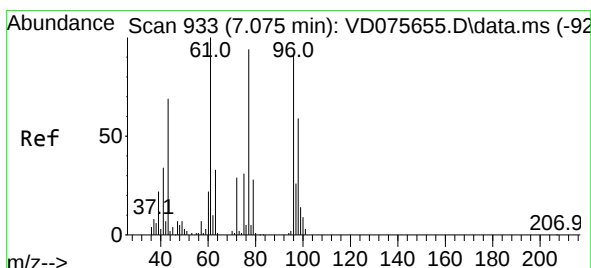
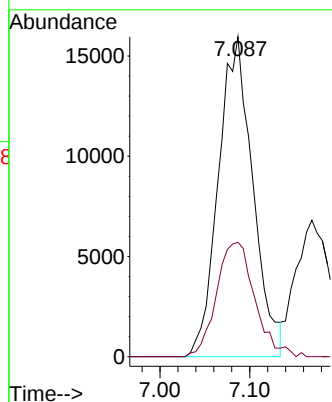
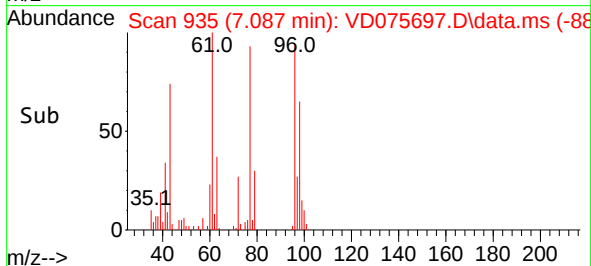
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBSD01



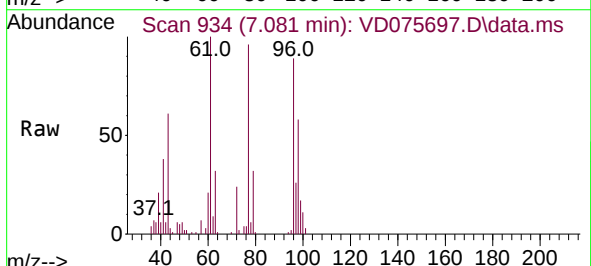
Tgt Ion: 43 Resp: 4255
Ion Ratio Lower Upper
43 100
72 35.8 19.8 29.8

Manual Integrations
APPROVED

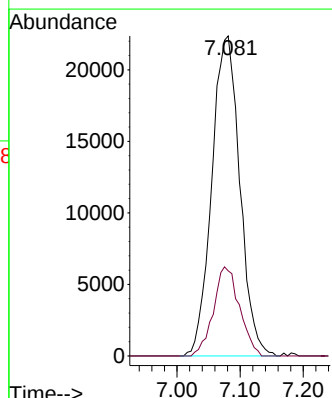
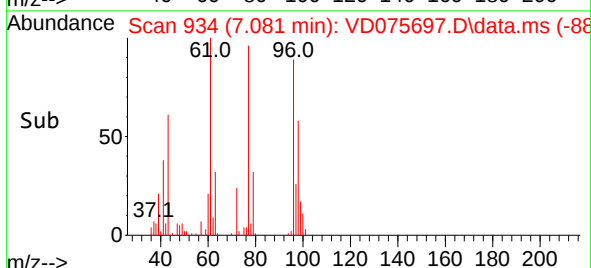
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

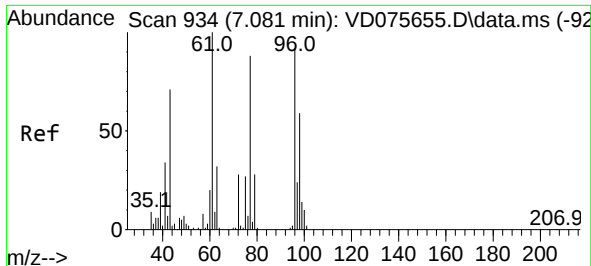


#26
2,2-Dichloropropane
Concen: 18.567 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08



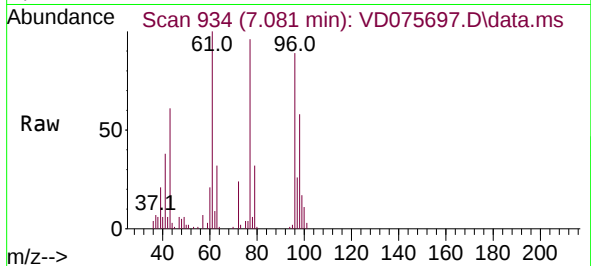
Tgt Ion: 77 Resp: 68929
Ion Ratio Lower Upper
77 100
97 25.9 11.1 33.1





#27
cis-1,2-Dichloroethene
Concen: 18.416 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

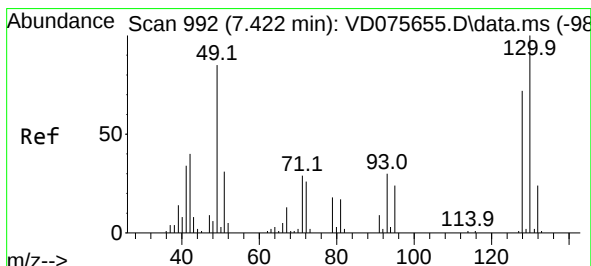
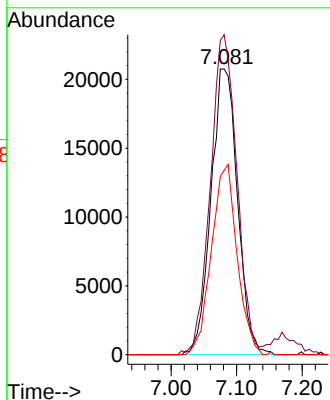
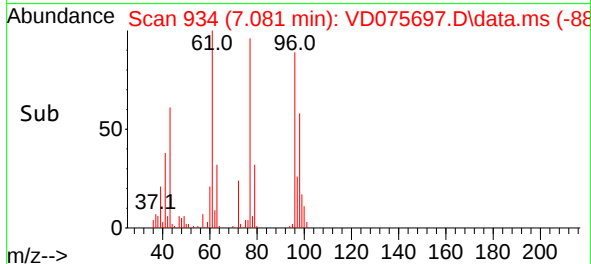
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



Tgt Ion: 96 Resp: 5834
Ion Ratio Lower Upper
96 100
61 111.6 0.0 295.2
98 64.3 0.0 129.2

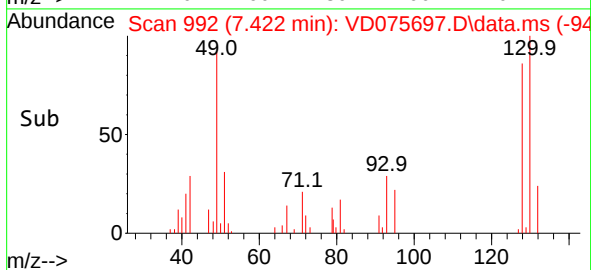
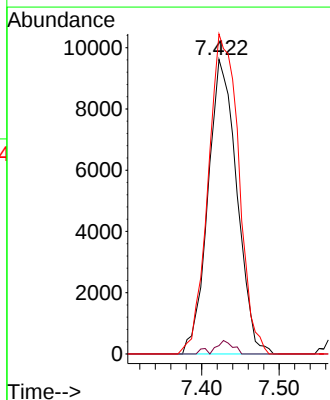
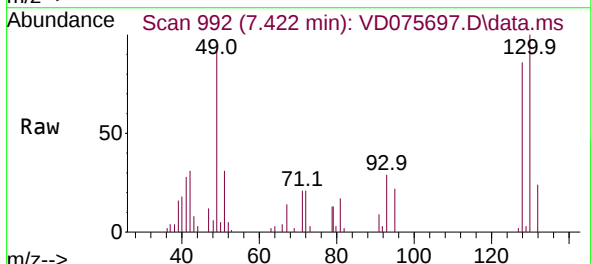
Manual Integrations
APPROVED

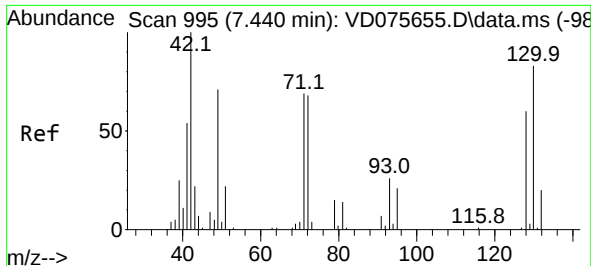
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#28
Bromochloromethane
Concen: 19.269 ug/l
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

Tgt Ion: 49 Resp: 24942
Ion Ratio Lower Upper
49 100
129 2.4 0.0 2.2#
130 114.7 56.0 84.0#





#29

Tetrahydrofuran

Concen: 93.286 ug/l

RT: 7.452 min Scan# 995

Delta R.T. 0.012 min

Lab File: VD075697.D

Acq: 17 Apr 2023 13:08

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBSD01

Tgt Ion: 42 Resp: 2448

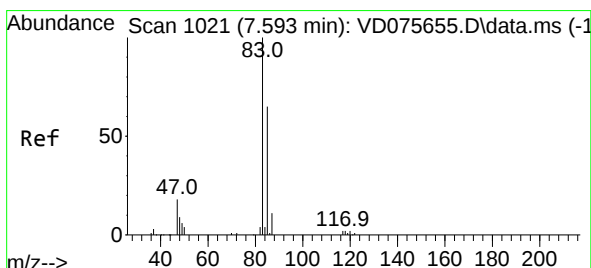
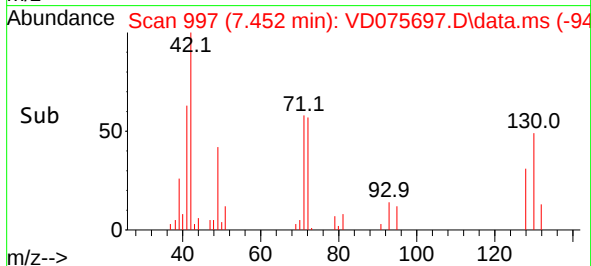
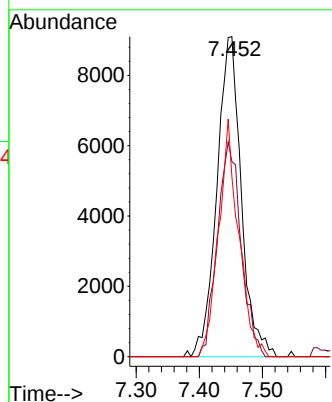
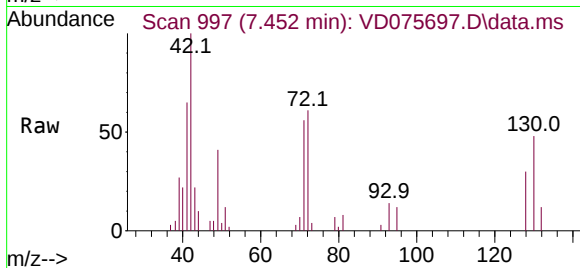
Ion	Ratio	Lower	Upper
42	100		
72	64.9	31.8	47.6
71	61.6	27.6	41.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#30

Chloroform

Concen: 19.208 ug/l

RT: 7.599 min Scan# 1022

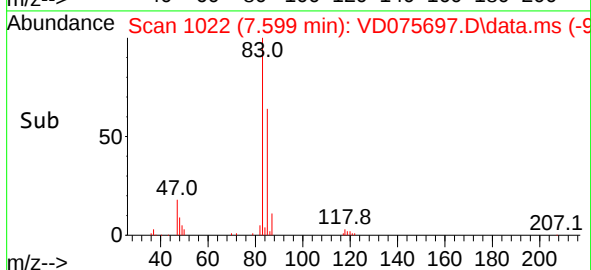
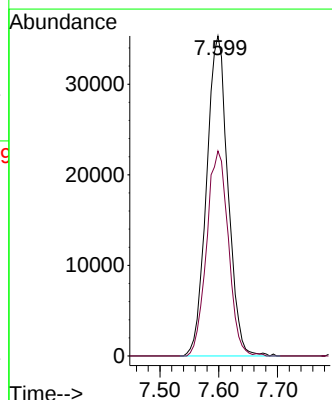
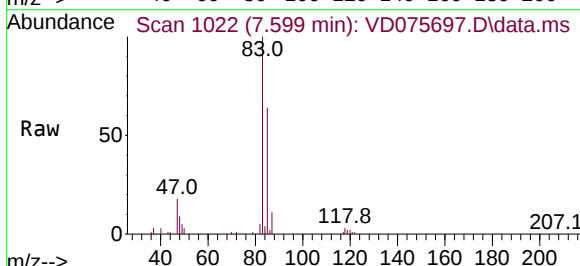
Delta R.T. 0.006 min

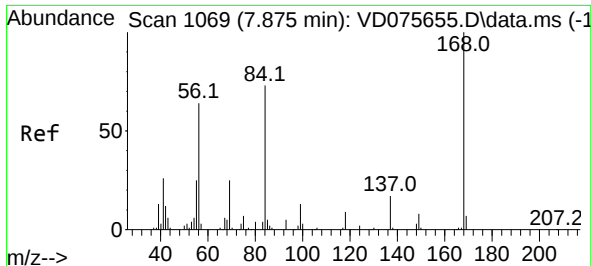
Lab File: VD075697.D

Acq: 17 Apr 2023 13:08

Tgt Ion: 83 Resp: 89167

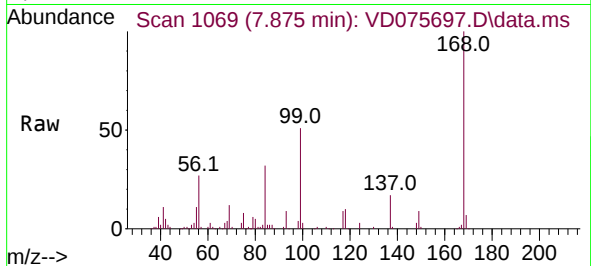
Ion	Ratio	Lower	Upper
83	100		
85	64.1	49.4	74.2





#31
Cyclohexane
Concen: 20.708 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

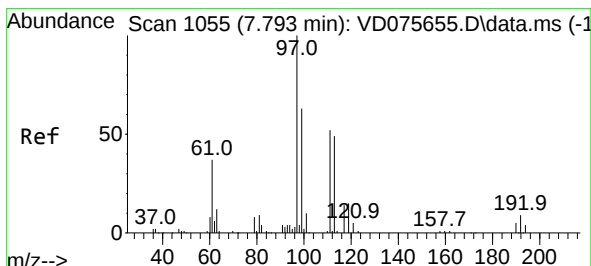
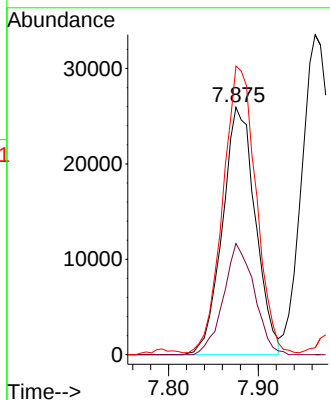
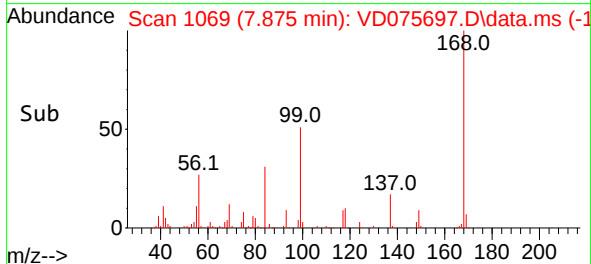
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



Tgt Ion: 56 Resp: 66129
Ion Ratio Lower Upper
56 100
69 44.9 25.5 38.3
84 115.4 69.6 104.4

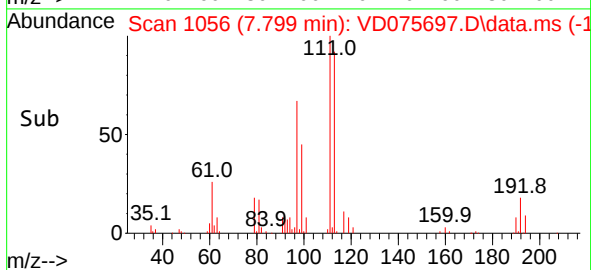
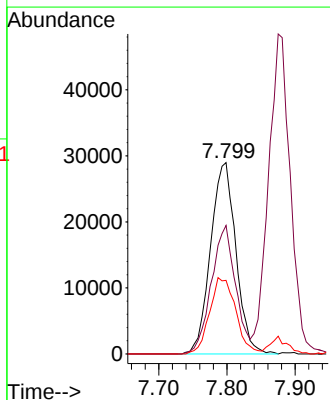
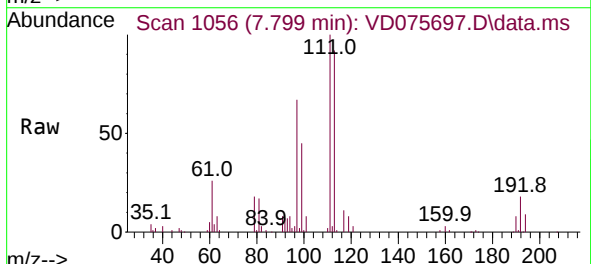
Manual Integrations
APPROVED

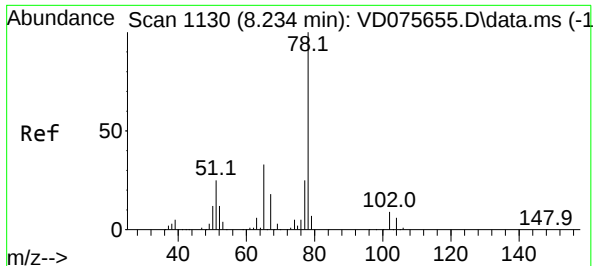
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#32
1,1,1-Trichloroethane
Concen: 19.825 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

Tgt Ion: 97 Resp: 75042
Ion Ratio Lower Upper
97 100
99 64.2 50.5 75.7
61 41.1 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 44.462 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075697.D

Acq: 17 Apr 2023 13:08

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

Tgt Ion: 65 Resp: 9048

Ion Ratio Lower Upper

65 100

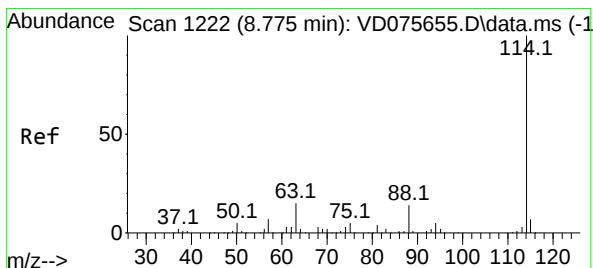
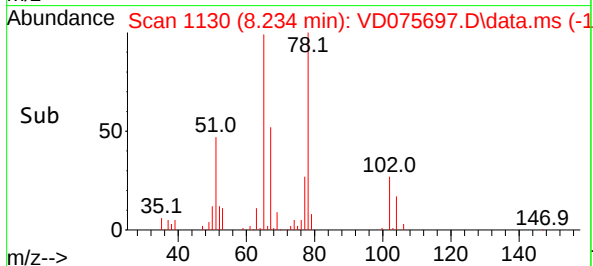
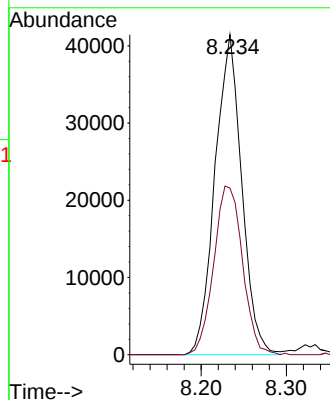
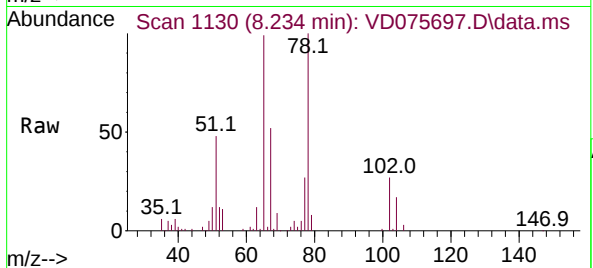
67 56.7 0.0 102.2

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: VD075697.D

Acq: 17 Apr 2023 13:08

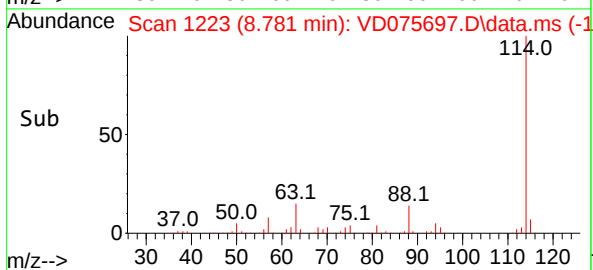
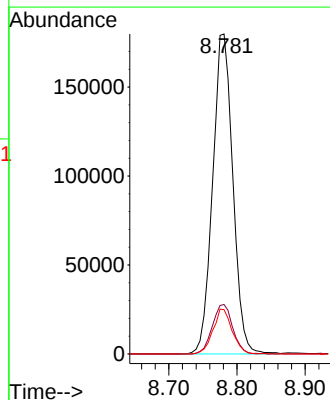
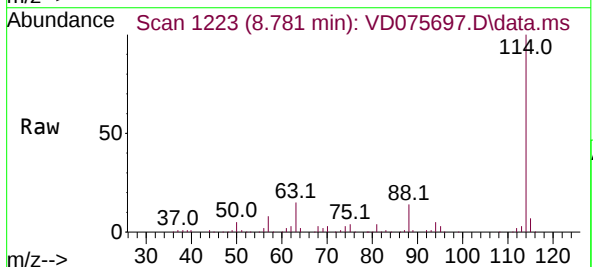
Tgt Ion:114 Resp: 370860

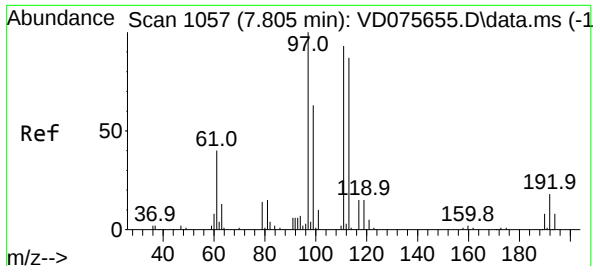
Ion Ratio Lower Upper

114 100

63 15.4 0.0 41.6

88 13.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 45.742 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD075697.D

Acq: 17 Apr 2023 13:08

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

Tgt Ion: 113 Resp: 114098

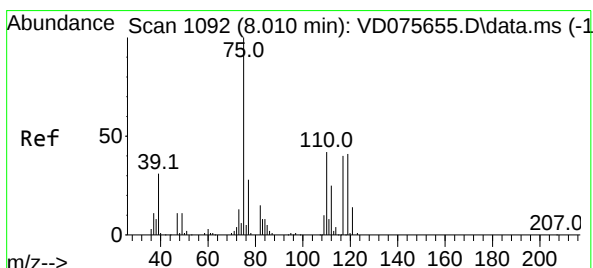
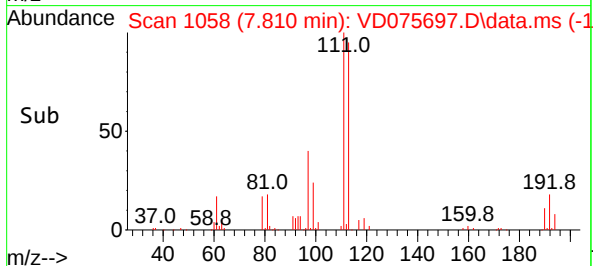
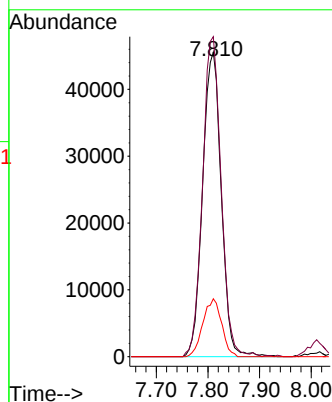
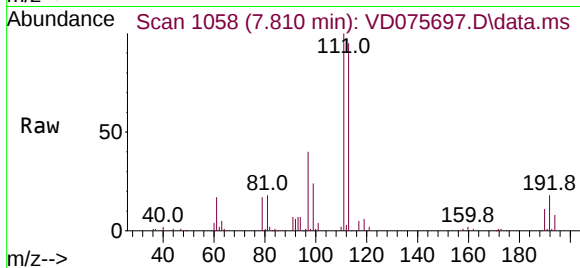
Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.4	122.0
192	19.1	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#36

1,1-Dichloropropene

Concen: 19.805 ug/l

RT: 8.010 min Scan# 1092

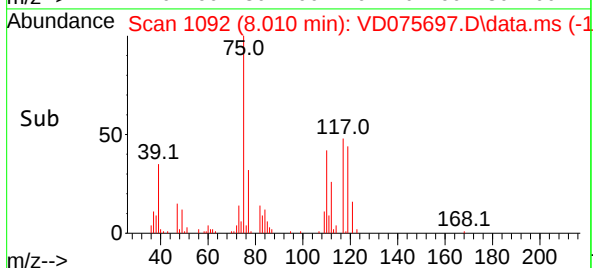
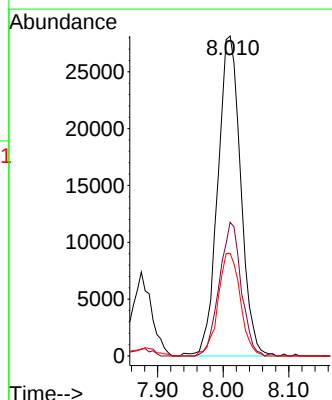
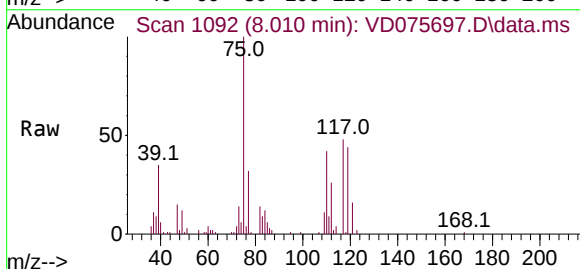
Delta R.T. 0.000 min

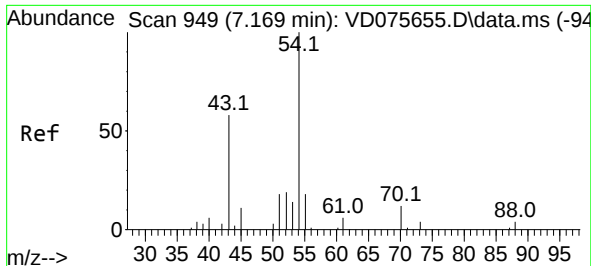
Lab File: VD075697.D

Acq: 17 Apr 2023 13:08

Tgt Ion: 75 Resp: 68154

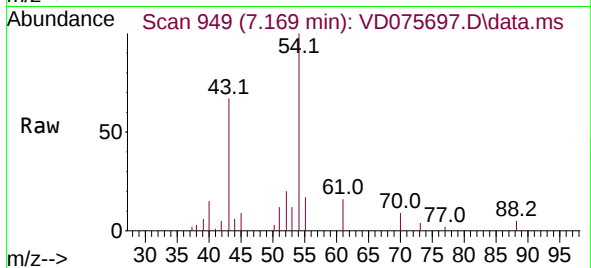
Ion	Ratio	Lower	Upper
75	100		
110	39.8	17.1	51.2
77	31.1	24.6	36.8





#37
Ethyl Acetate
Concen: 18.447 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

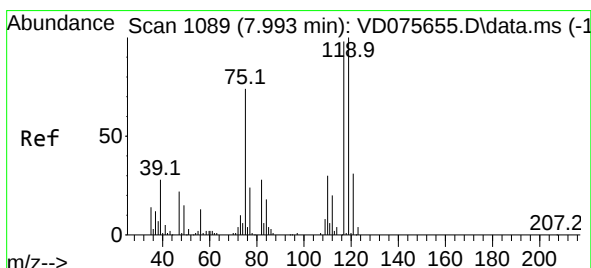
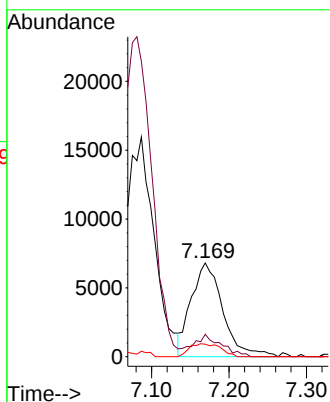
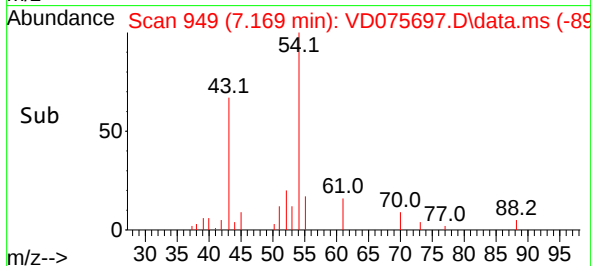
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



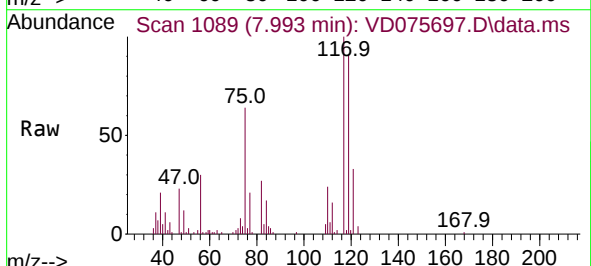
Tgt Ion: 43 Resp: 19319
Ion Ratio Lower Upper
43 100
61 20.5 0.0 0.0
70 13.6 5.6 8.4

Manual Integrations
APPROVED

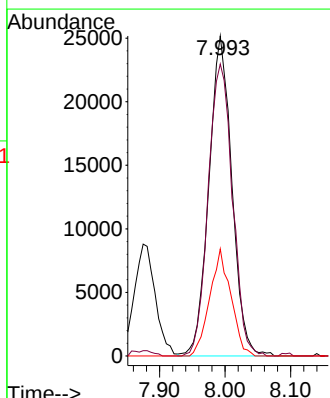
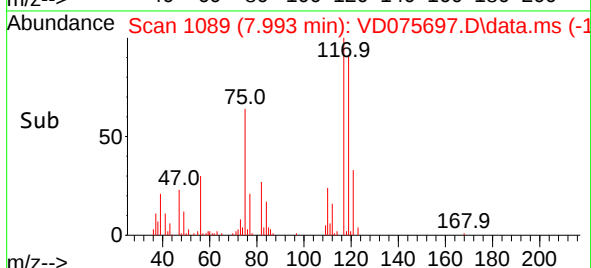
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

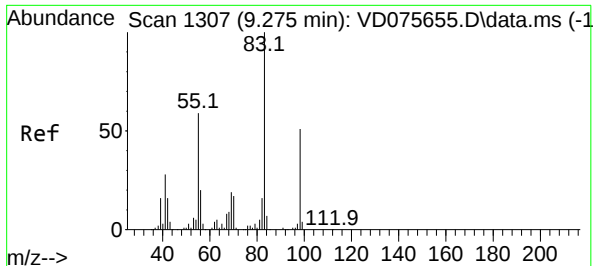


#38
Carbon Tetrachloride
Concen: 20.236 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08



Tgt Ion:117 Resp: 61324
Ion Ratio Lower Upper
117 100
119 91.2 74.7 112.1
121 33.4 25.9 38.9





#39

Methylcyclohexane

Concen: 20.259 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075697.D

Acq: 17 Apr 2023 13:08

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBSD01

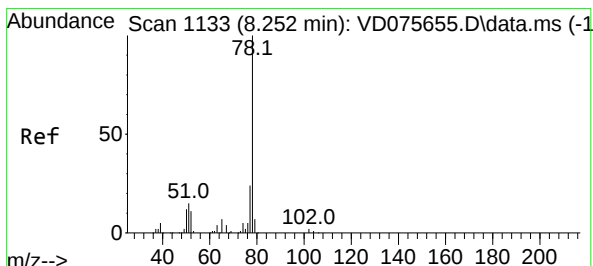
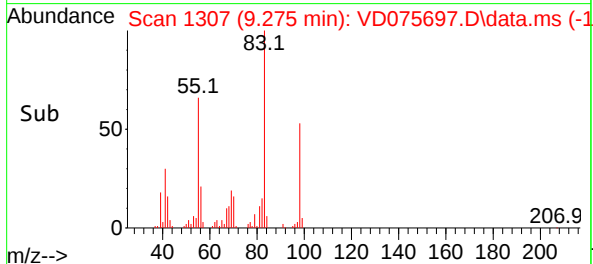
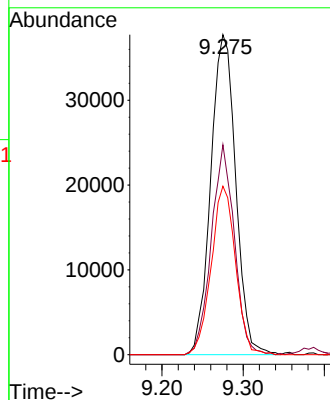
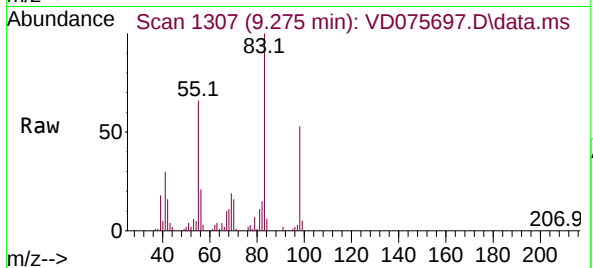
Tgt Ion:	83	Resp:	80610
Ion Ratio	Lower	Upper	
83	100		
55	65.6	56.8	85.2
98	52.6	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#40

Benzene

Concen: 19.179 ug/l

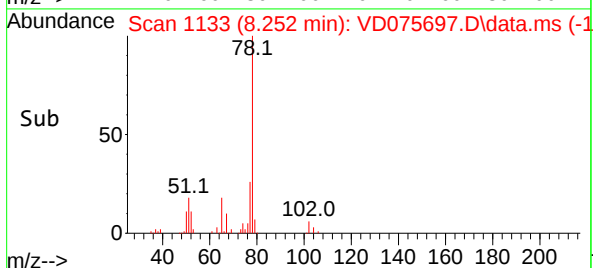
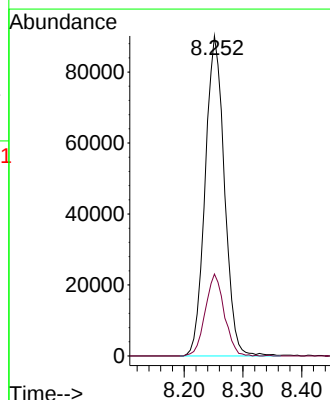
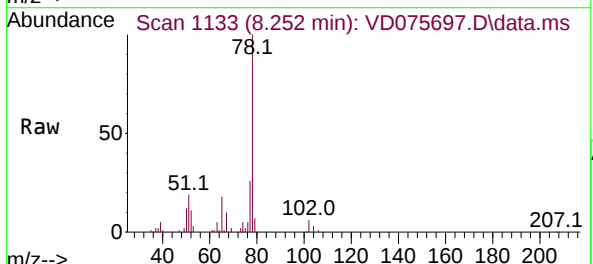
RT: 8.252 min Scan# 1133

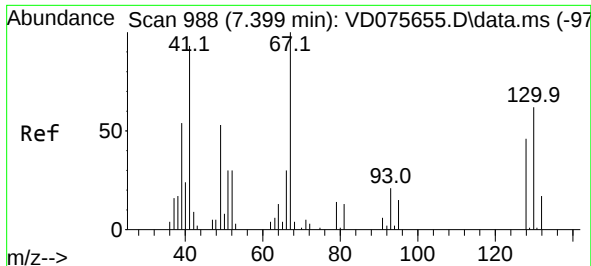
Delta R.T. -0.000 min

Lab File: VD075697.D

Acq: 17 Apr 2023 13:08

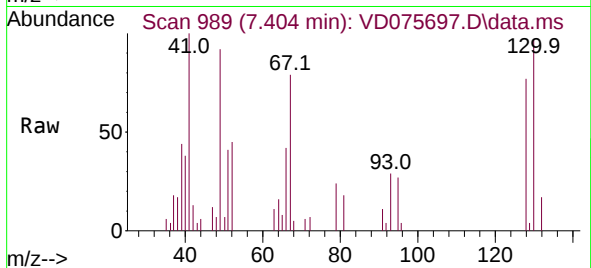
Tgt Ion:	78	Resp:	205169
Ion Ratio	Lower	Upper	
78	100		
77	25.6	19.1	28.7





#41
Methacrylonitrile
Concen: 21.717 ug/l
RT: 7.404 min Scan# 989
Delta R.T. 0.005 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

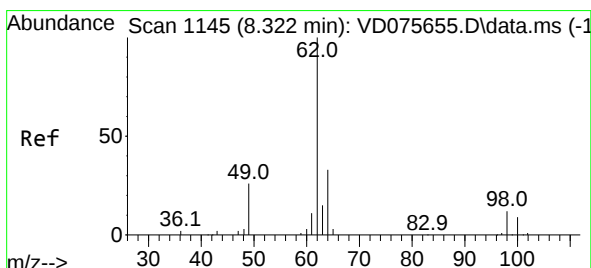
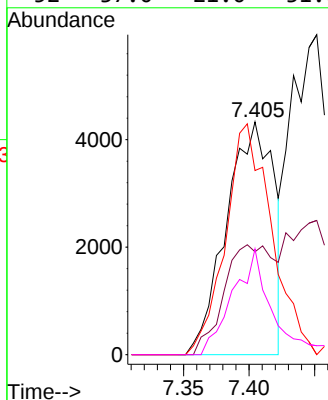
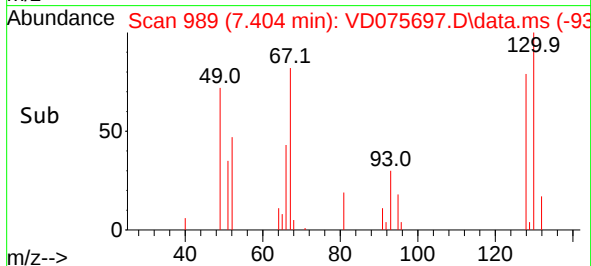
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBSD01



Tgt Ion: 41 Resp: 10914
Ion Ratio Lower Upper
41 100
39 50.8 45.3 67.9
67 96.2 50.5 75.7
52 37.0 21.0 31.6#

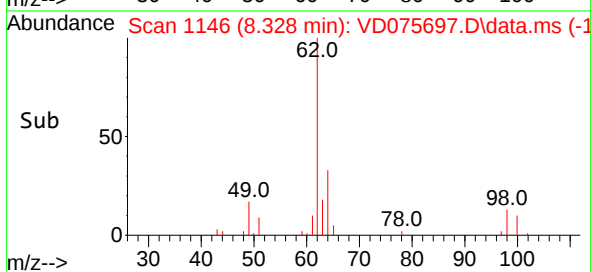
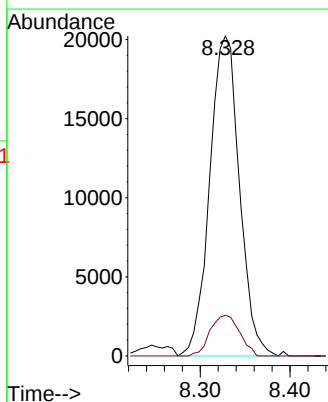
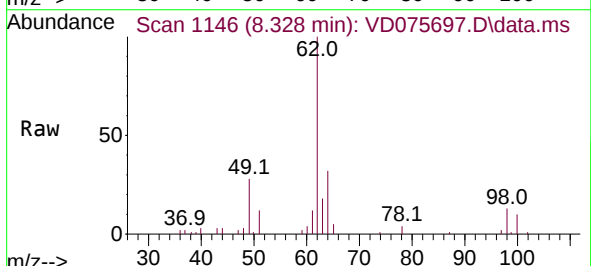
Manual Integrations
APPROVED

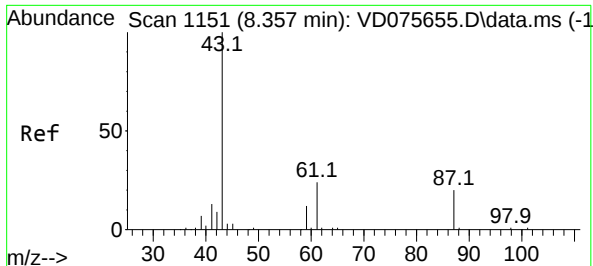
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#42
1,2-Dichloroethane
Concen: 19.139 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

Tgt Ion: 62 Resp: 46505
Ion Ratio Lower Upper
62 100
98 12.6 0.0 18.8





#43

Isopropyl Acetate

Concen: 18.566 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.006 min

Lab File: VD075697.D

Acq: 17 Apr 2023 13:08

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

Tgt Ion: 43 Resp: 3545

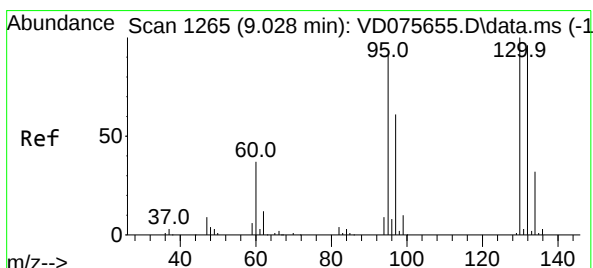
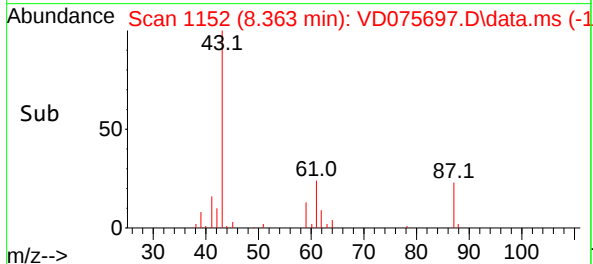
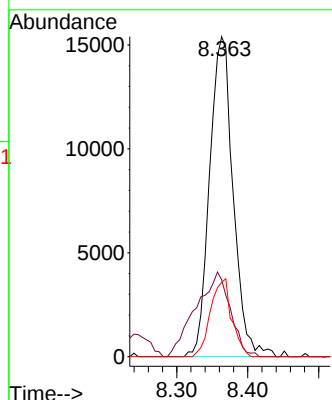
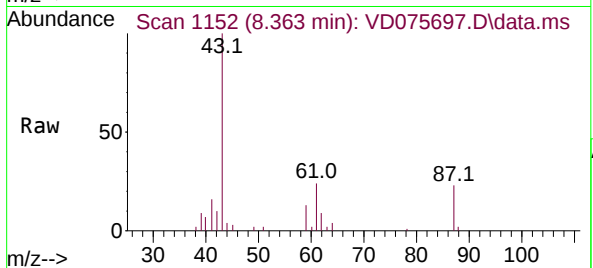
Ion	Ratio	Lower	Upper
43	100		
61	38.7	23.4	35.0
87	21.8	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#44

Trichloroethene

Concen: 19.025 ug/l

RT: 9.028 min Scan# 1265

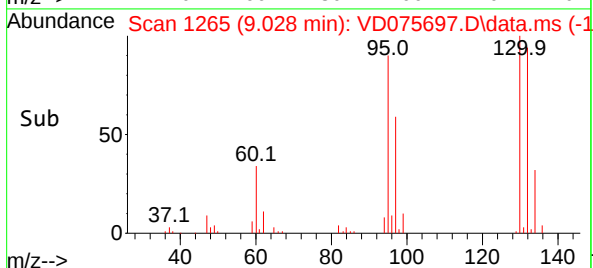
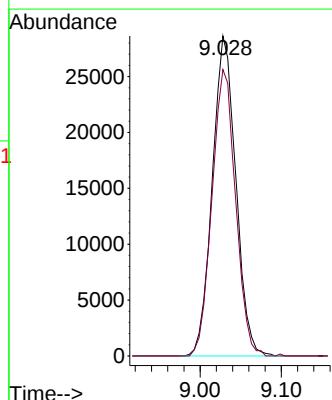
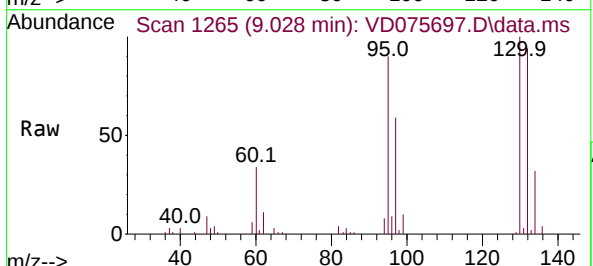
Delta R.T. -0.000 min

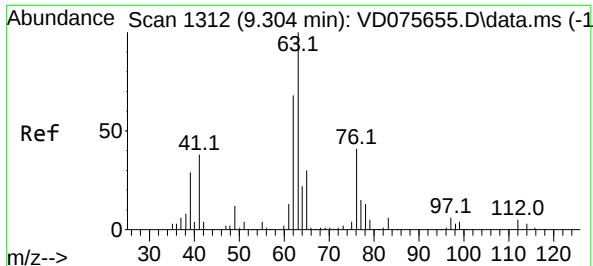
Lab File: VD075697.D

Acq: 17 Apr 2023 13:08

Tgt Ion:130 Resp: 57601

Ion	Ratio	Lower	Upper
130	100		
95	89.5	0.0	197.6





#45

1,2-Dichloropropane

Concen: 19.351 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075697.D

Acq: 17 Apr 2023 13:08

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

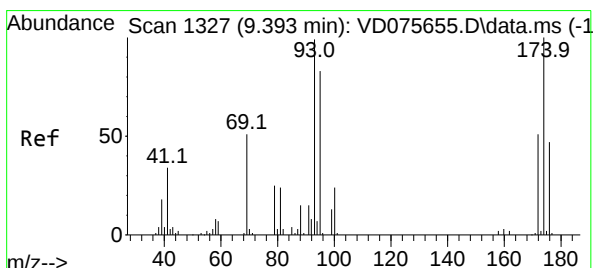
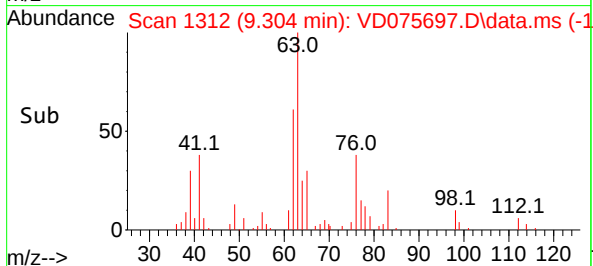
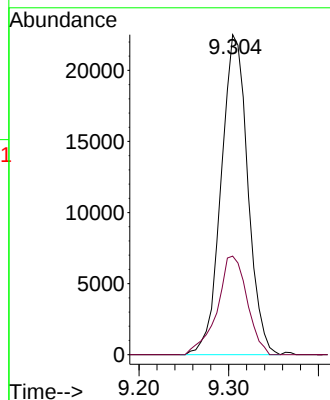
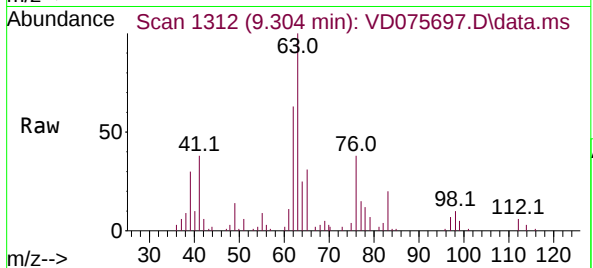
Tgt Ion: 63 Resp: 46390
 Ion Ratio Lower Upper
 63 100
 65 30.8 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#46

Dibromomethane

Concen: 19.293 ug/l

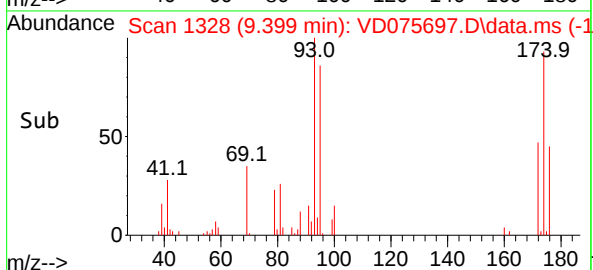
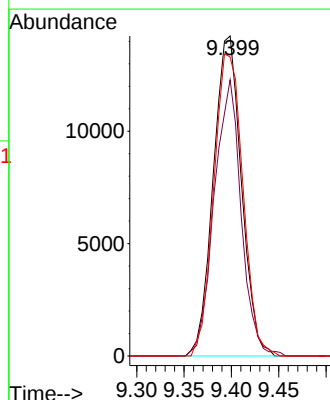
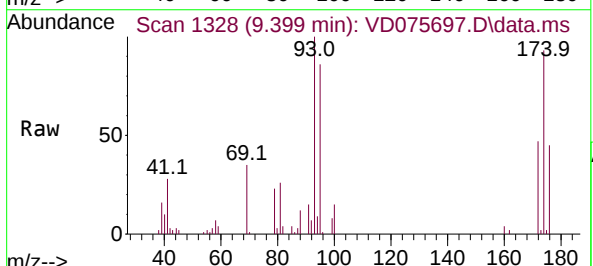
RT: 9.399 min Scan# 1328

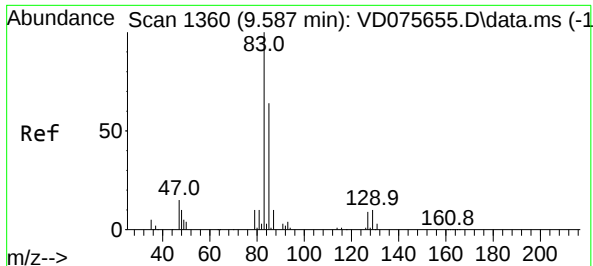
Delta R.T. 0.006 min

Lab File: VD075697.D

Acq: 17 Apr 2023 13:08

Tgt Ion: 93 Resp: 29342
 Ion Ratio Lower Upper
 93 100
 95 82.5 64.5 96.7
 174 97.7 76.2 114.4





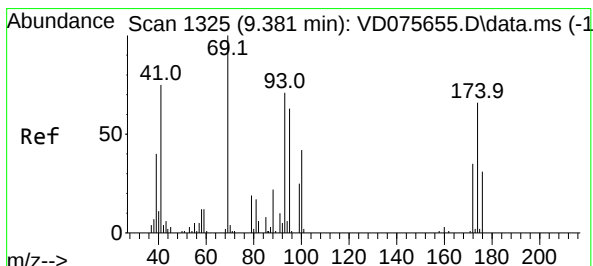
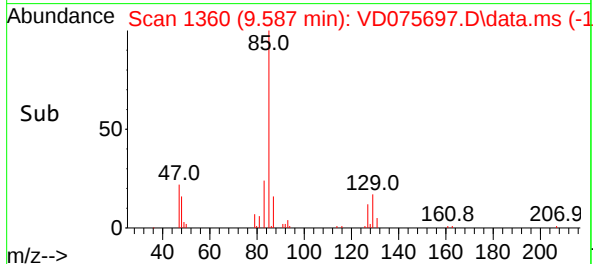
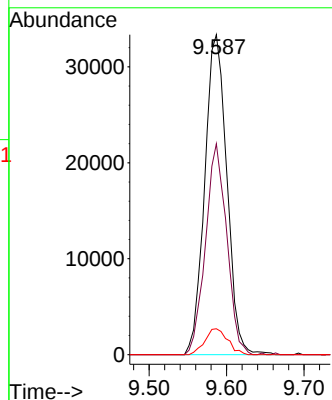
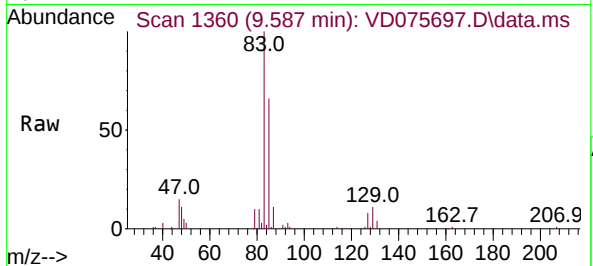
#47
Bromodichloromethane
Concen: 19.021 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBSD01

Tgt Ion: 83 Resp: 66172
Ion Ratio Lower Upper
83 100
85 65.9 53.7 80.5
127 8.1 7.0 10.6

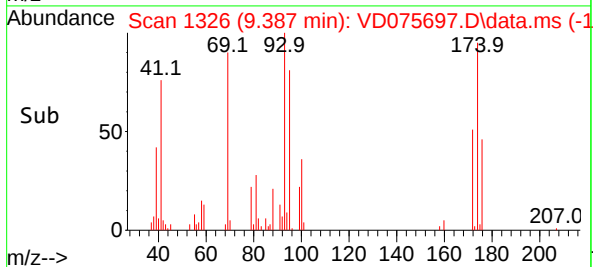
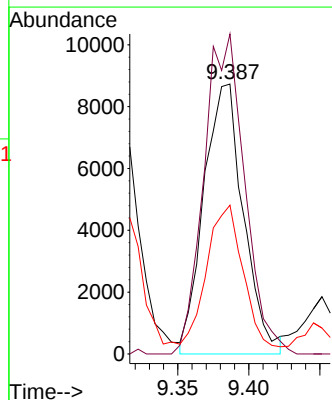
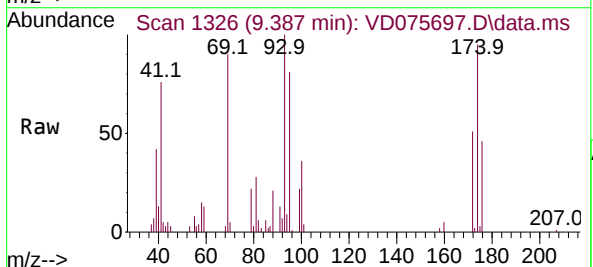
Manual Integrations
APPROVED

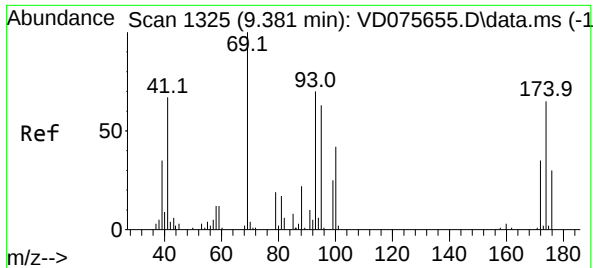
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#48
Methyl methacrylate
Concen: 19.982 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

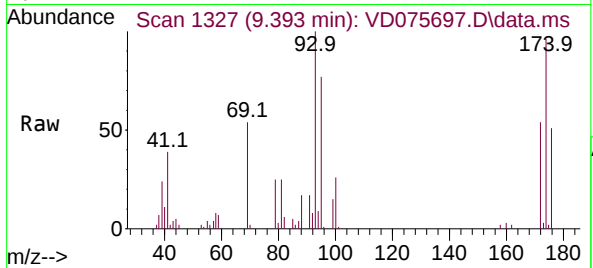
Tgt Ion: 41 Resp: 17001
Ion Ratio Lower Upper
41 100
69 121.4 58.6 88.0#
39 52.5 53.4 80.0#





#49
1,4-Dioxane
Concen: 366.757 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.012 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

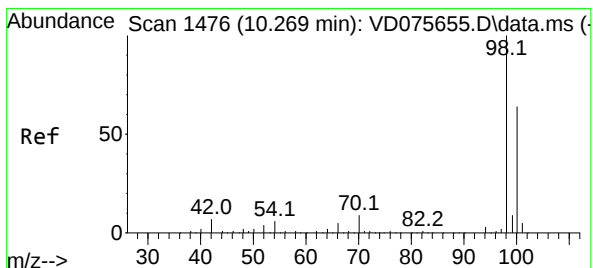
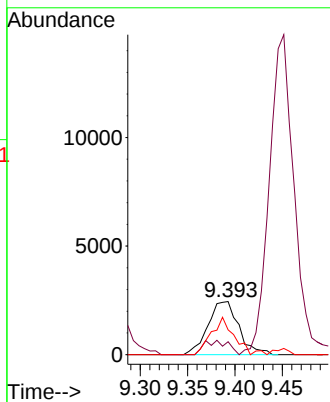
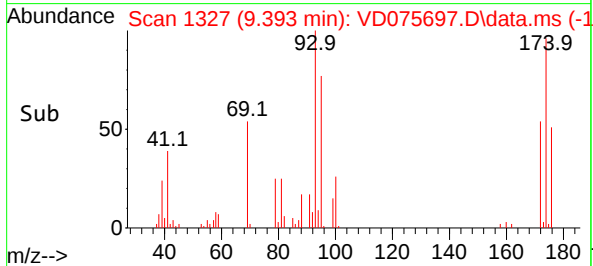
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



Tgt Ion: 88 Resp: 5534
Ion Ratio Lower Upper
88 100
43 20.8 34.6 51.8
58 51.4 58.0 87.0

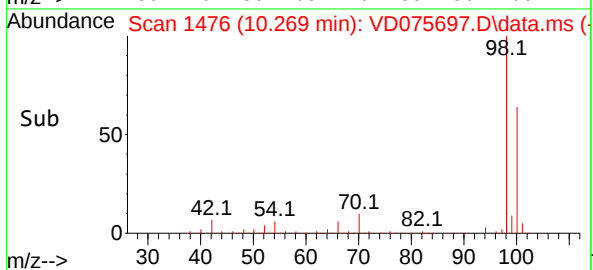
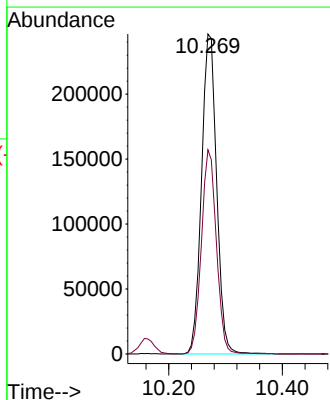
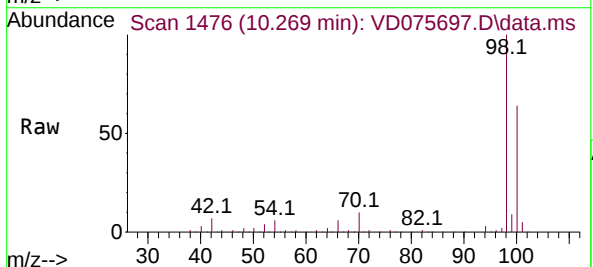
Manual Integrations
APPROVED

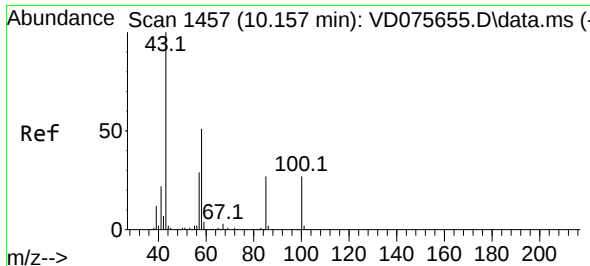
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#50
Toluene-d8
Concen: 45.392 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

Tgt Ion: 98 Resp: 453418
Ion Ratio Lower Upper
98 100
100 63.3 52.1 78.1





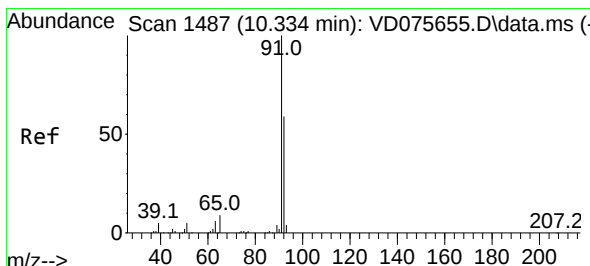
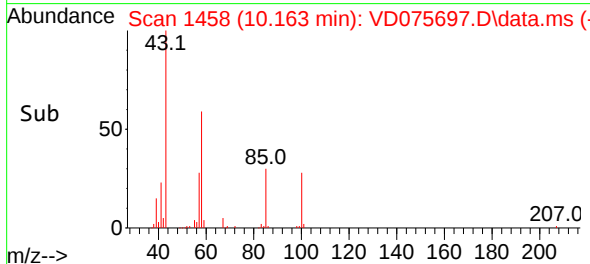
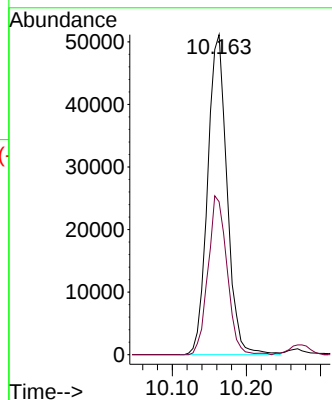
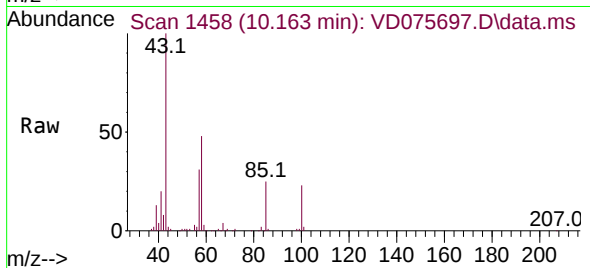
#51
4-Methyl-2-Pentanone
Concen: 91.297 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tgt Ion: 43 Resp: 92958
Ion Ratio Lower Upper
43 100
58 48.6 29.5 44.3

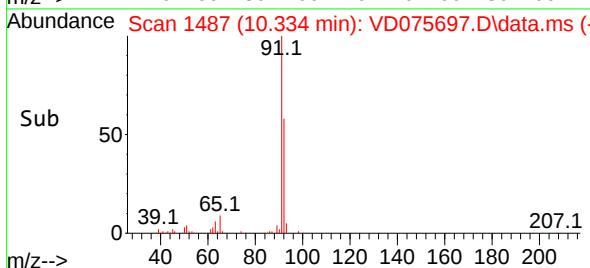
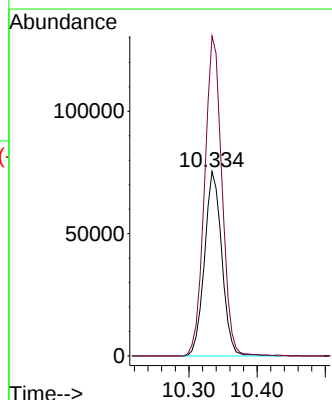
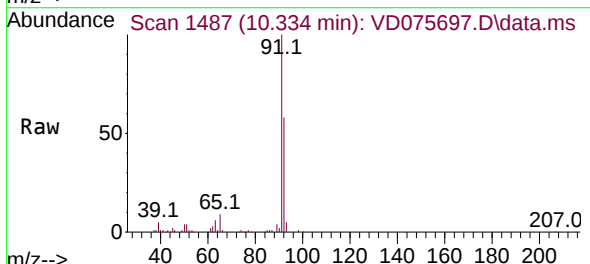
Manual Integrations
APPROVED

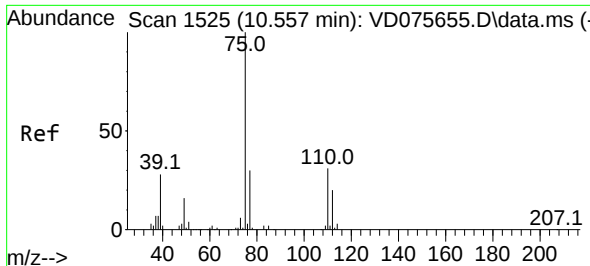
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#52
Toluene
Concen: 18.696 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

Tgt Ion: 92 Resp: 132991
Ion Ratio Lower Upper
92 100
91 174.5 136.5 204.7





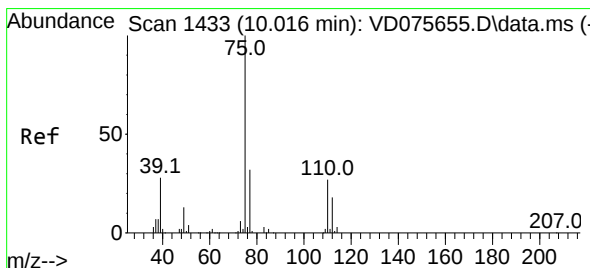
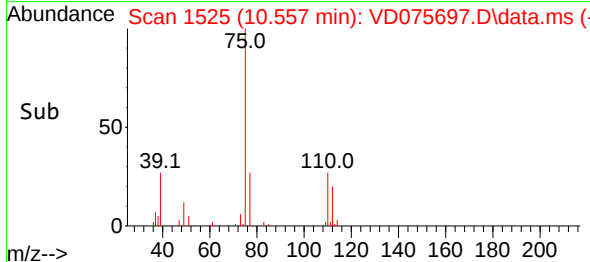
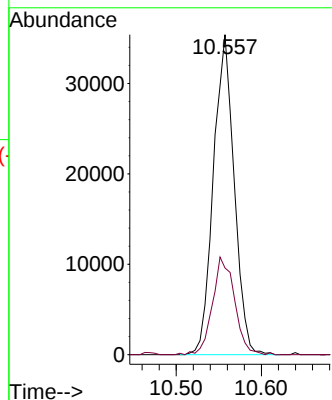
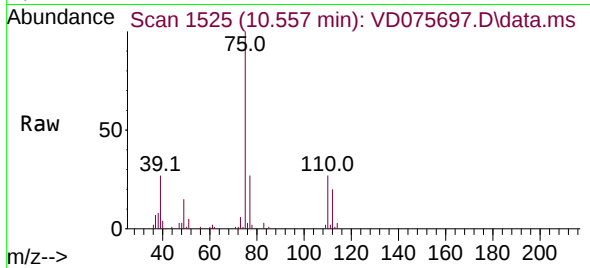
#53
t-1,3-Dichloropropene
Concen: 17.965 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01

Tgt Ion: 75 Resp: 5991
Ion Ratio Lower Upper
75 100
77 27.1 26.3 39.5

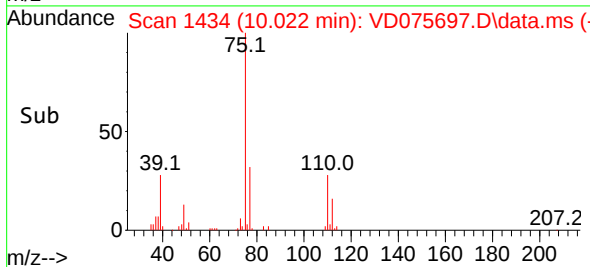
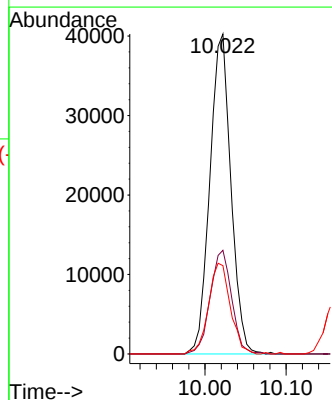
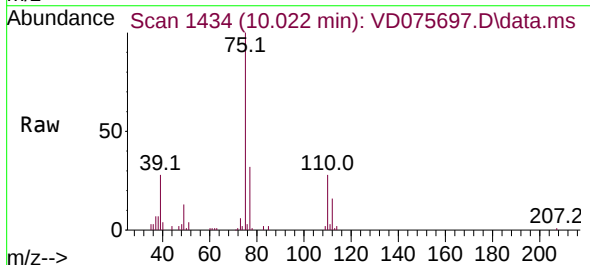
Manual Integrations
APPROVED

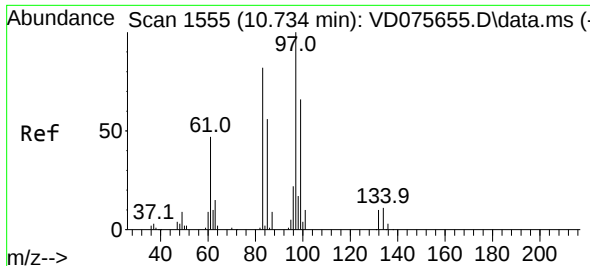
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#54
cis-1,3-Dichloropropene
Concen: 18.304 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

Tgt Ion: 75 Resp: 72527
Ion Ratio Lower Upper
75 100
77 32.4 25.6 38.4
39 27.6 44.8 67.2#





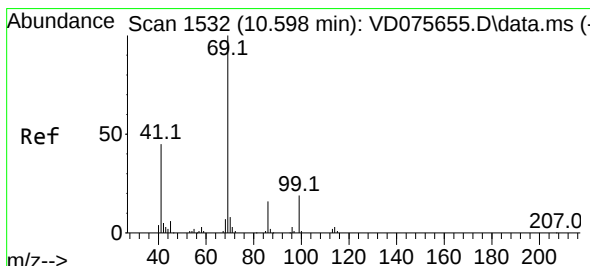
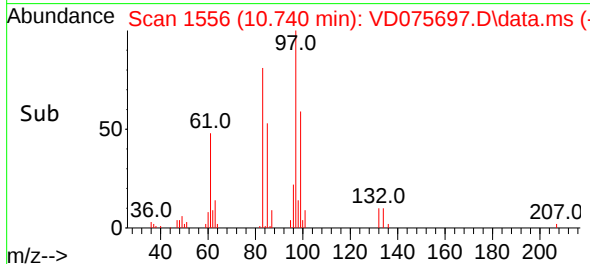
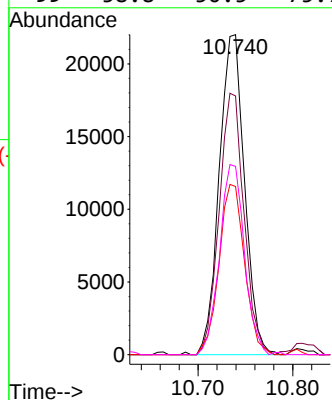
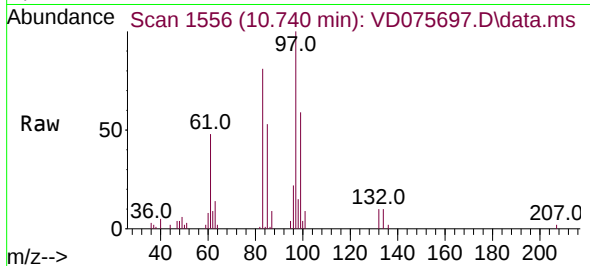
#55
1,1,2-Trichloroethane
Concen: 18.577 ug/l
RT: 10.740 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBSD01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.8	74.2	111.4
85	52.6	45.4	68.0
99	58.8	50.5	75.7

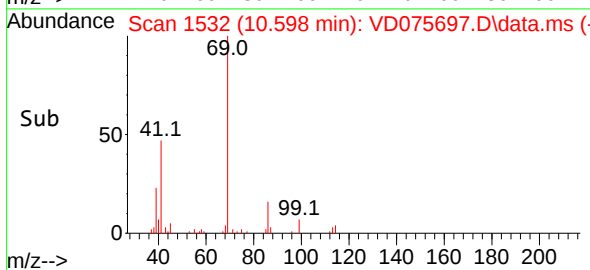
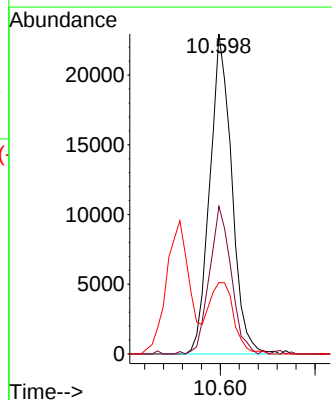
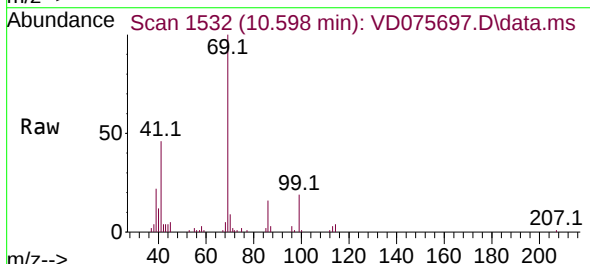
Manual Integrations
APPROVED

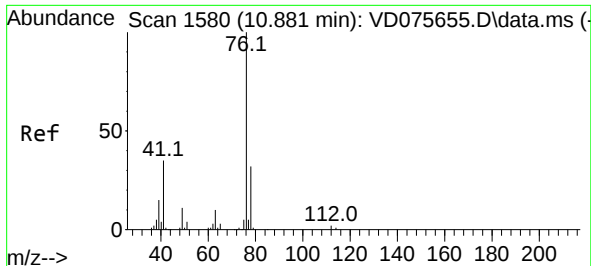
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#56
Ethyl methacrylate
Concen: 16.993 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

Tgt Ion	Ratio	Lower	Upper
69	100		
41	45.9	59.3	88.9#
39	25.1	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 18.628 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075697.D

Acq: 17 Apr 2023 13:08

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

Tgt Ion: 76 Resp: 6227

Ion Ratio Lower Upper

76 100

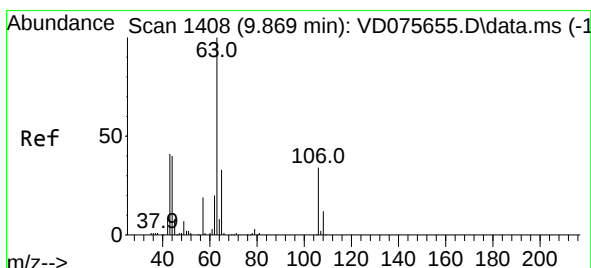
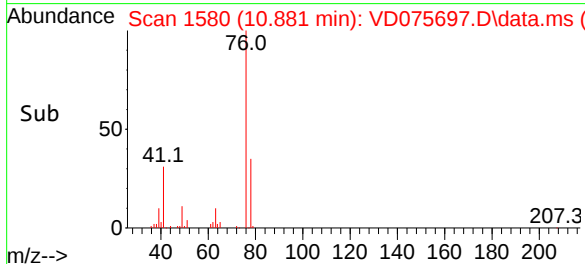
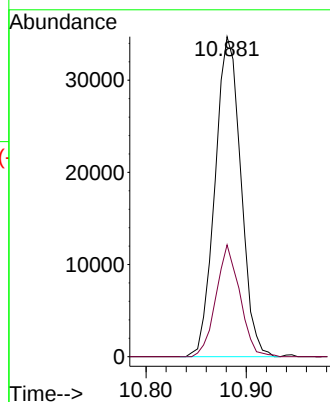
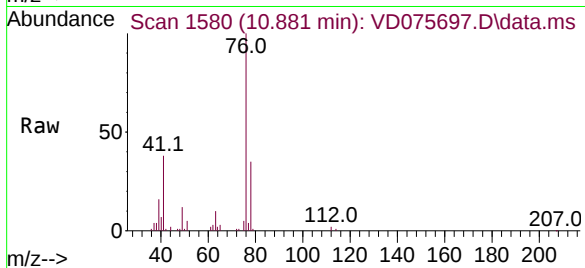
78 32.2 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 93.522 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD075697.D

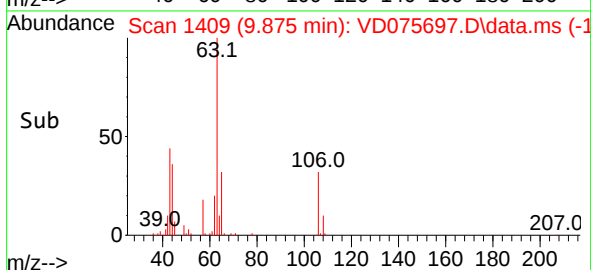
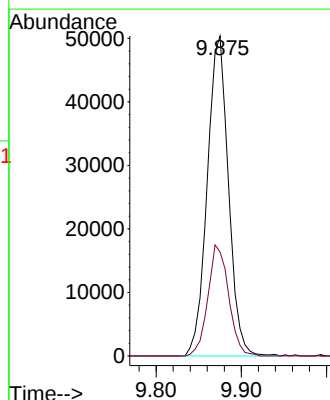
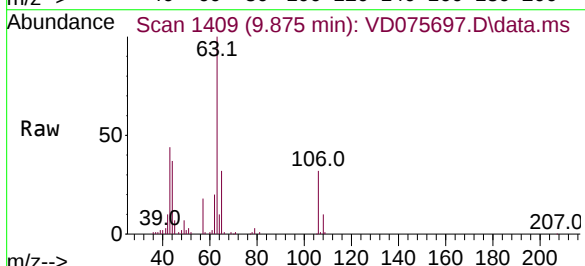
Acq: 17 Apr 2023 13:08

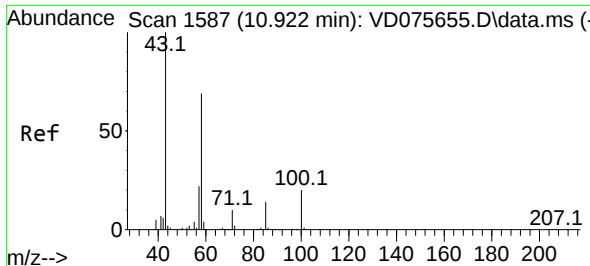
Tgt Ion: 63 Resp: 87040

Ion Ratio Lower Upper

63 100

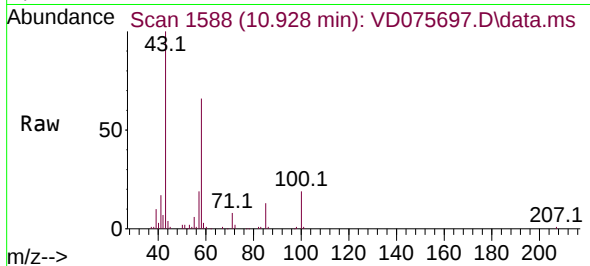
106 34.0 21.4 32.2





#59
2-Hexanone
Concen: 90.588 ug/l
RT: 10.928 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

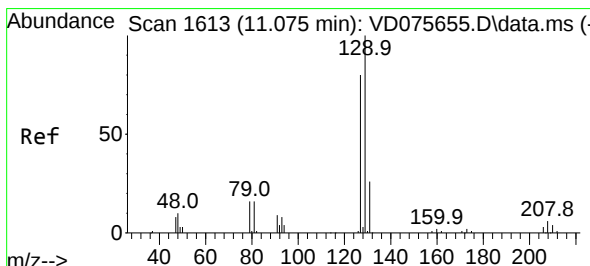
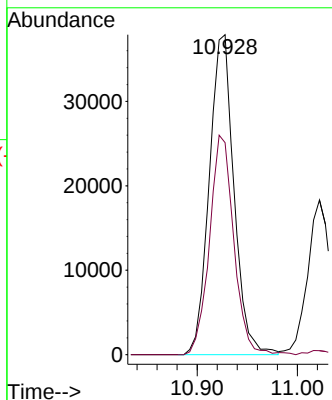
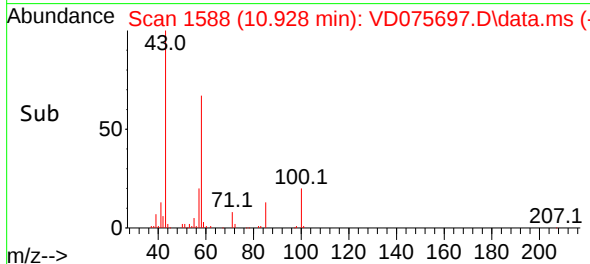
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



Tgt Ion: 43 Resp: 6485
Ion Ratio Lower Upper
43 100
58 67.5 25.3 75.8

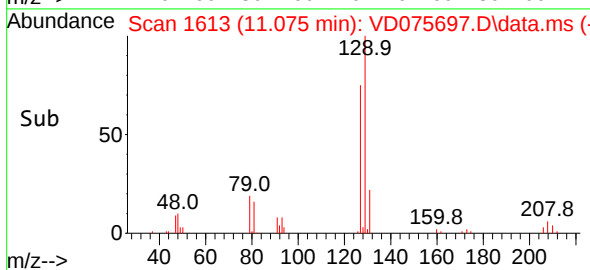
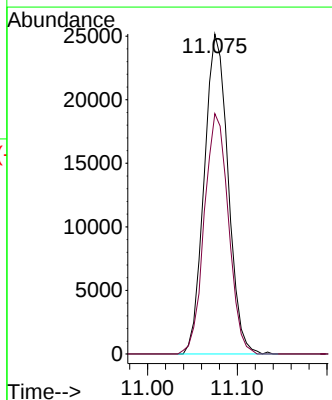
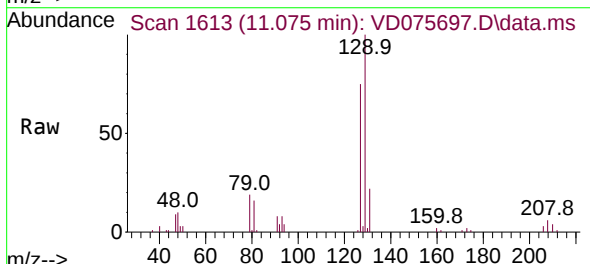
Manual Integrations
APPROVED

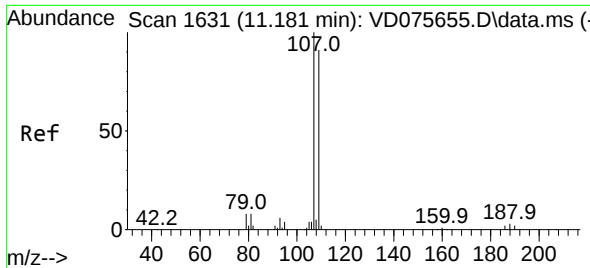
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#60
Dibromochloromethane
Concen: 18.024 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

Tgt Ion:129 Resp: 46443
Ion Ratio Lower Upper
129 100
127 75.9 38.1 114.5





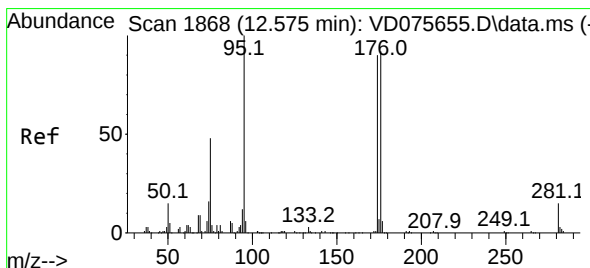
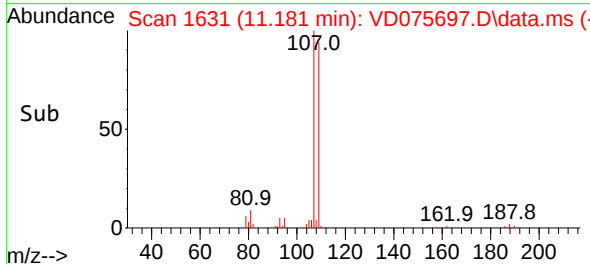
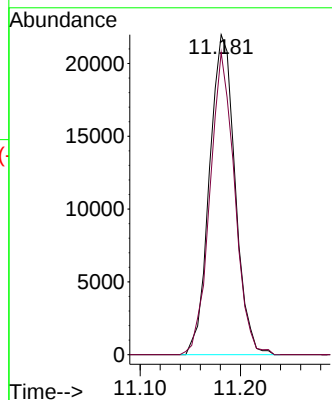
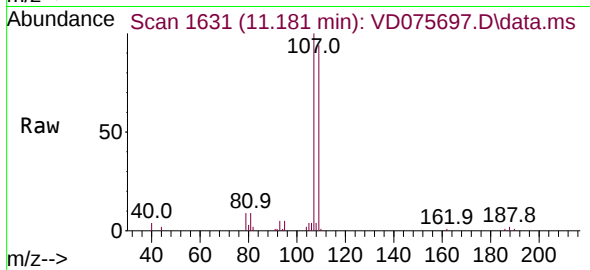
#61
1,2-Dibromoethane
Concen: 18.569 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBSD01

Tgt Ion:107 Resp: 3900
Ion Ratio Lower Upper
107 100
109 90.8 73.6 110.4

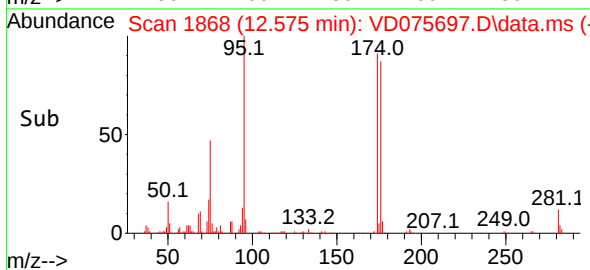
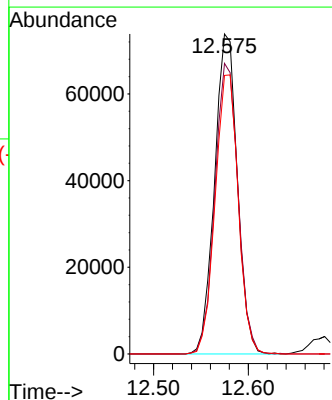
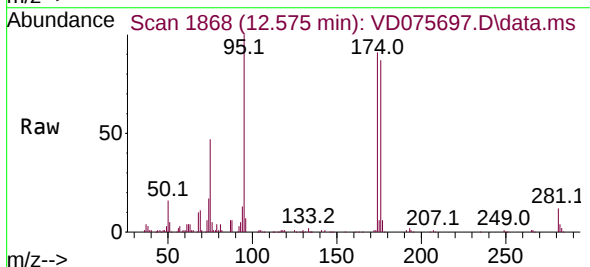
Manual Integrations
APPROVED

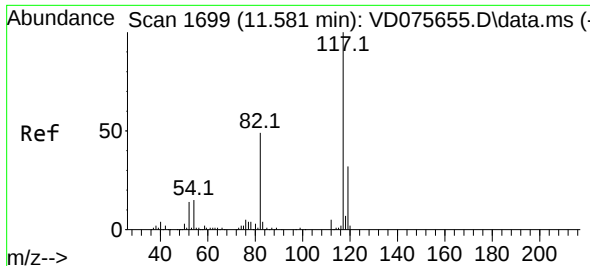
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#62
4-Bromofluorobenzene
Concen: 46.502 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

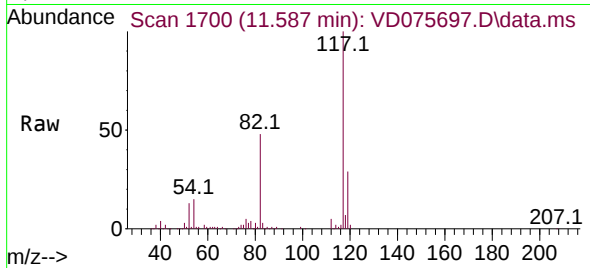
Tgt Ion: 95 Resp: 123465
Ion Ratio Lower Upper
95 100
174 92.3 0.0 164.0
176 88.4 0.0 156.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

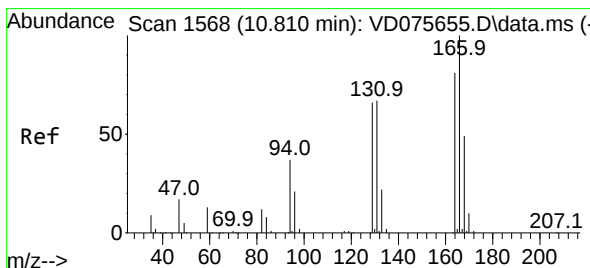
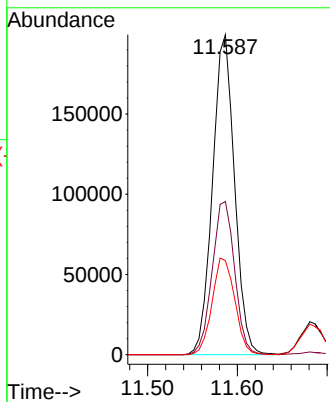
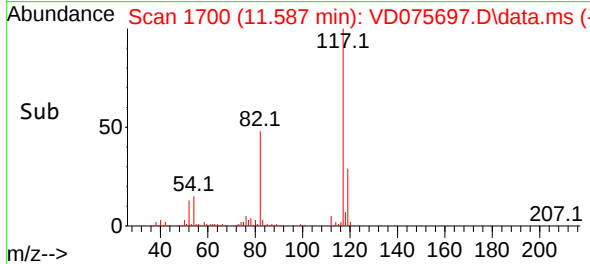
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



Tgt Ion:117 Resp: 339730
Ion Ratio Lower Upper
117 100
82 47.9 44.0 66.0
119 29.4 25.1 37.7

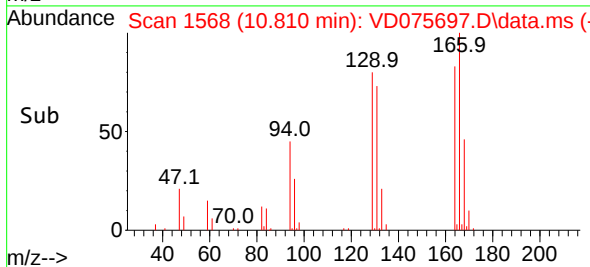
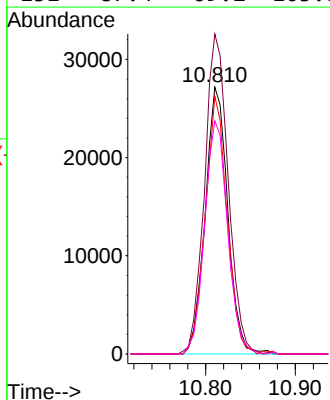
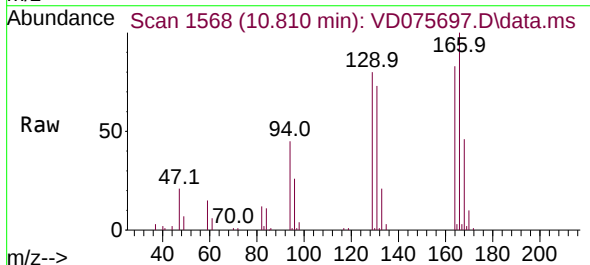
Manual Integrations
APPROVED

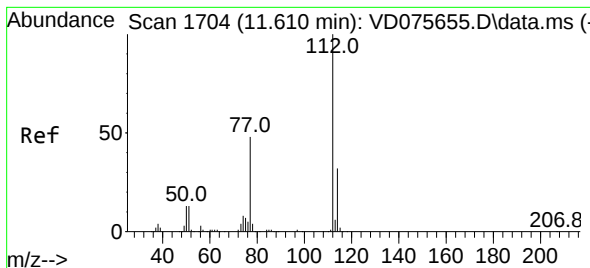
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#64
Tetrachloroethene
Concen: 19.385 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

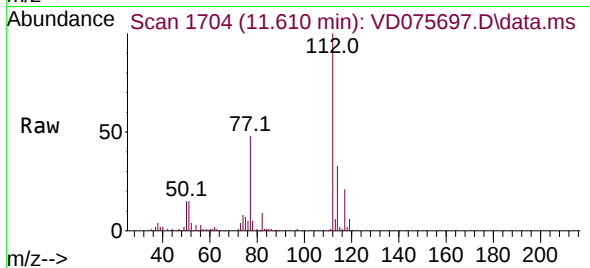
Tgt Ion:164 Resp: 47429
Ion Ratio Lower Upper
164 100
166 120.0 94.9 142.3
129 96.6 73.0 109.6
131 87.4 69.2 103.8





#65
Chlorobenzene
Concen: 19.644 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

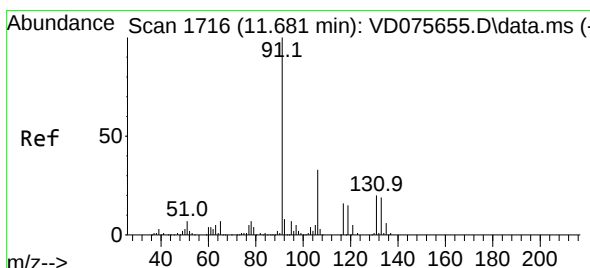
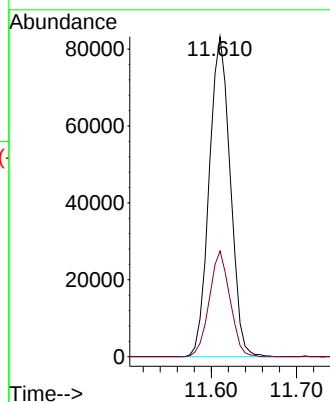
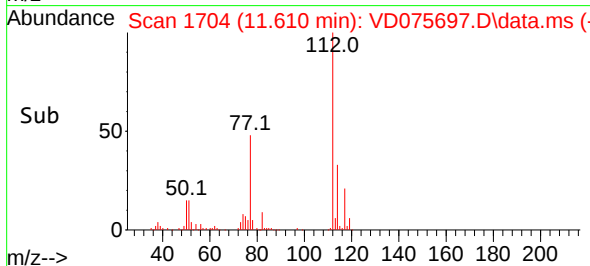
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



Tgt Ion:112 Resp: 142945
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.8

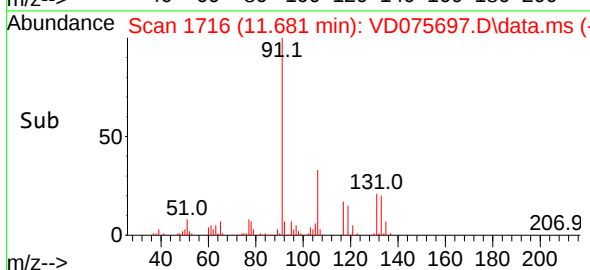
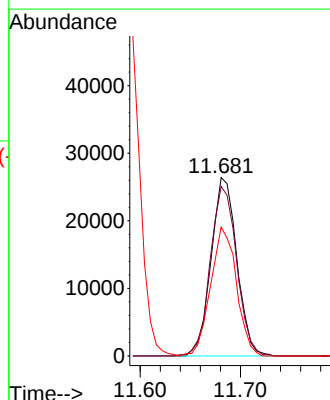
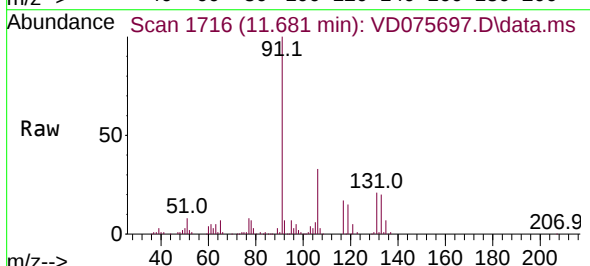
Manual Integrations
APPROVED

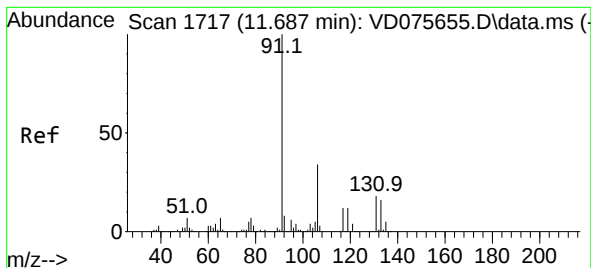
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.793 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

Tgt Ion:131 Resp: 47011
Ion Ratio Lower Upper
131 100
133 97.5 46.7 140.0
119 72.5 31.9 95.9





#67

Ethyl Benzene

Concen: 19.484 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD075697.D

Acq: 17 Apr 2023 13:08

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBSD01

Tgt Ion: 91 Resp: 230098

Ion Ratio Lower Upper

91 100

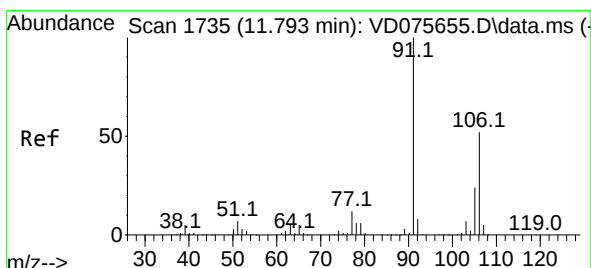
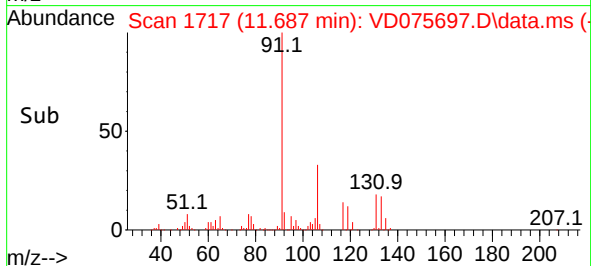
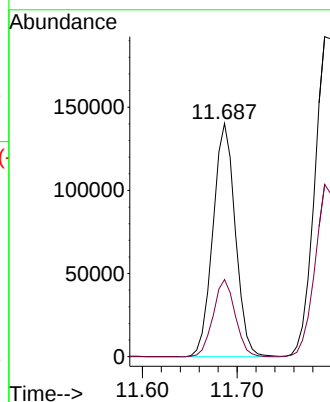
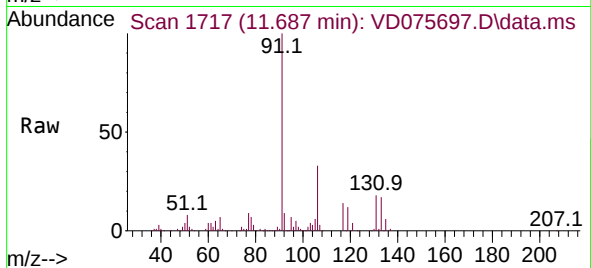
106 33.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#68

m/p-Xylenes

Concen: 39.711 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD075697.D

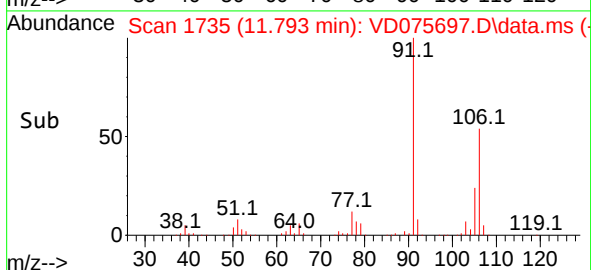
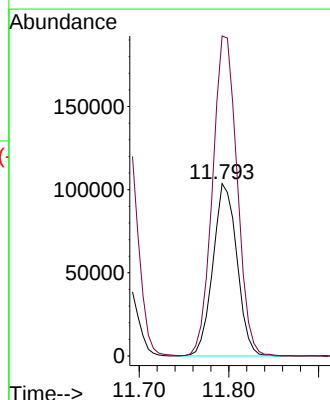
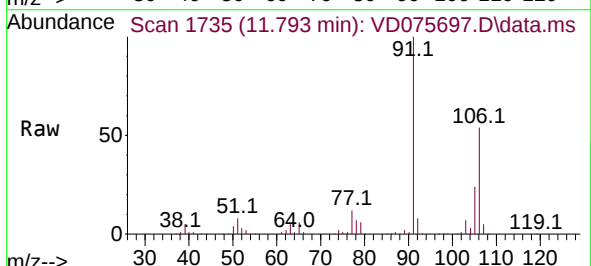
Acq: 17 Apr 2023 13:08

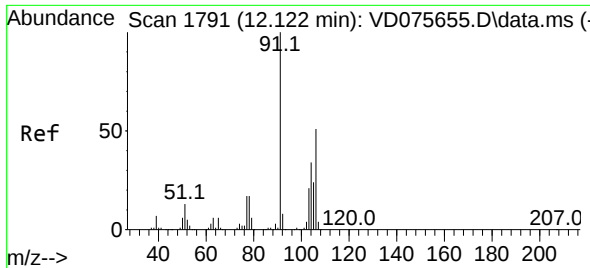
Tgt Ion:106 Resp: 192190

Ion Ratio Lower Upper

106 100

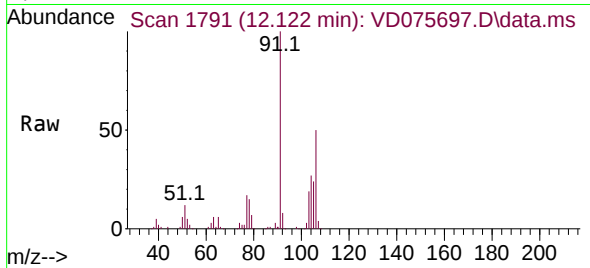
91 190.4 161.5 242.3





#69
o-Xylene
Concen: 20.119 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

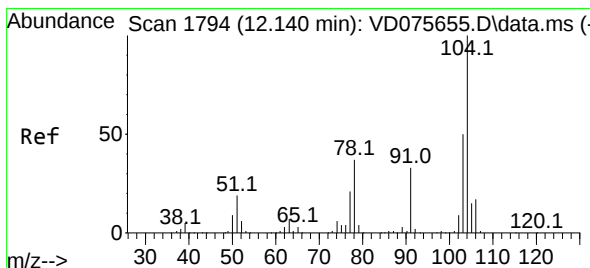
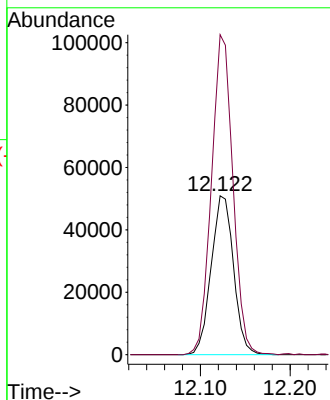
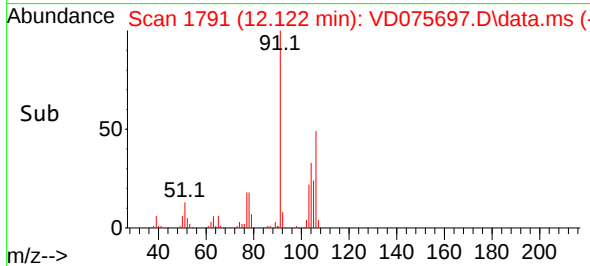
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBSD01



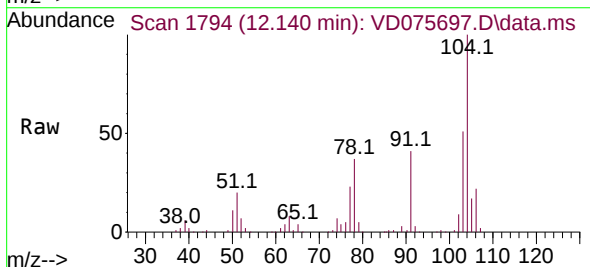
Tgt Ion:106 Resp: 8804
Ion Ratio Lower Upper
106 100
91 193.2 105.7 317.1

Manual Integrations
APPROVED

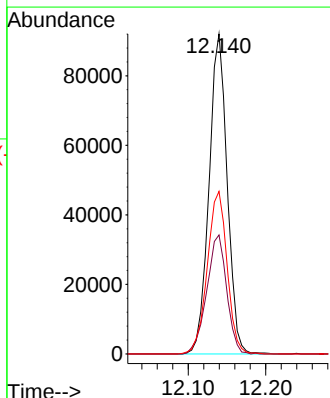
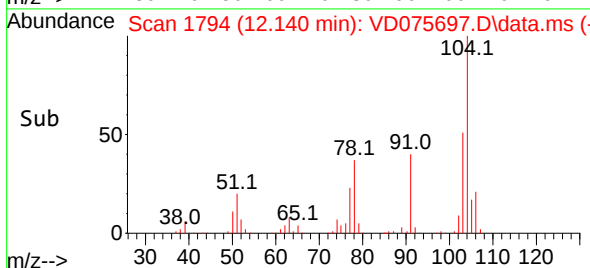
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

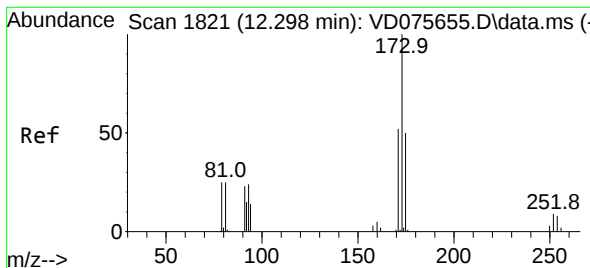


#70
Styrene
Concen: 18.931 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08



Tgt Ion:104 Resp: 149818
Ion Ratio Lower Upper
104 100
78 40.9 40.2 60.4
103 55.4 44.2 66.2





#71

Bromoform

Concen: 19.769 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD075697.D

Acq: 17 Apr 2023 13:08

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

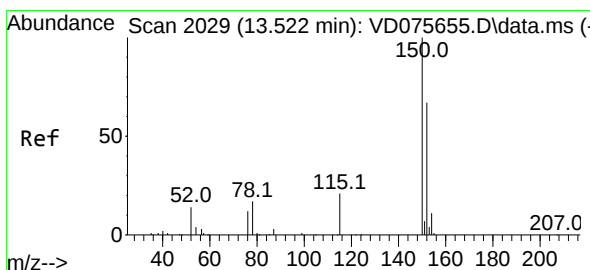
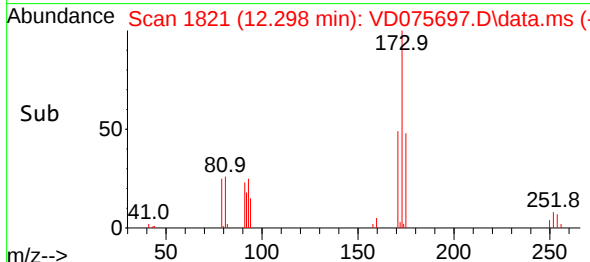
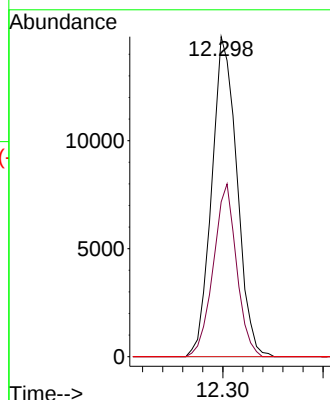
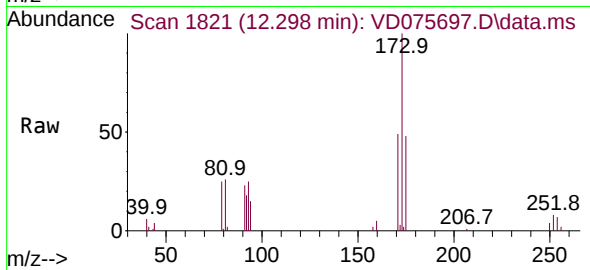
Tgt Ion:173	Resp:	2585
Ion Ratio	Lower	Upper
173	100	
175	49.7	23.5 70.5
254	0.0	0.0 0.0

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

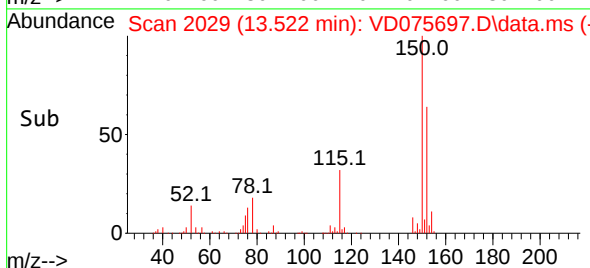
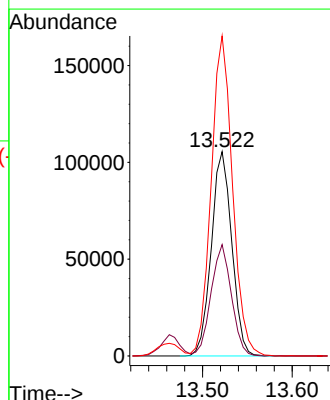
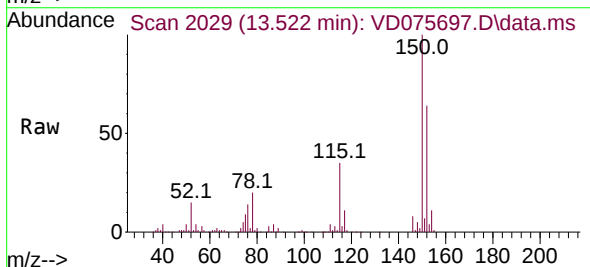
RT: 13.522 min Scan# 2029

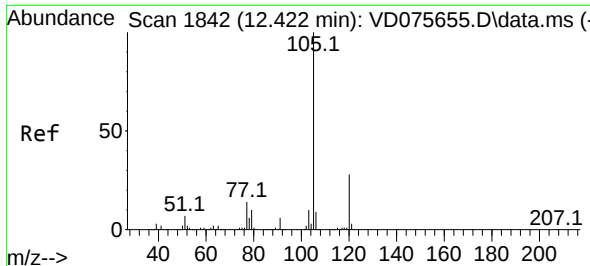
Delta R.T. -0.000 min

Lab File: VD075697.D

Acq: 17 Apr 2023 13:08

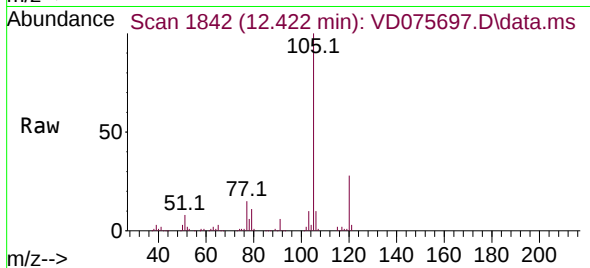
Tgt Ion:152	Resp:	167273
Ion Ratio	Lower	Upper
152	100	
115	54.2	30.1 90.3
150	162.9	0.0 364.8





#73
Isopropylbenzene
Concen: 19.624 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

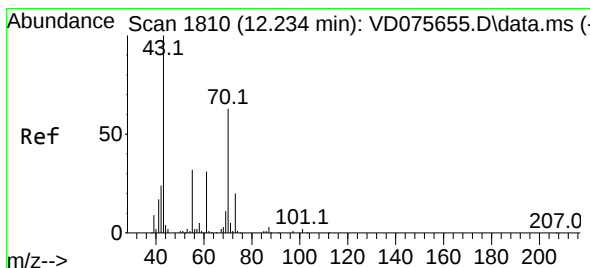
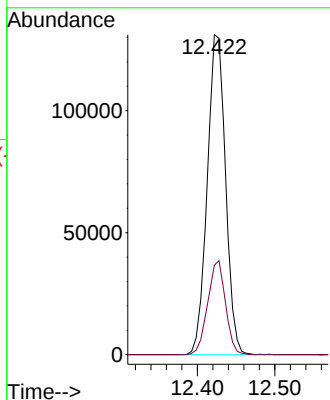
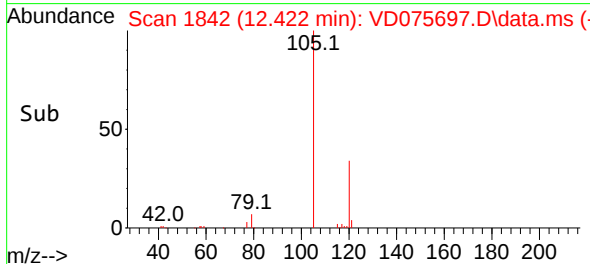
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBSD01



Tgt Ion:105 Resp: 215434
Ion Ratio Lower Upper
105 100
120 28.4 13.4 40.1

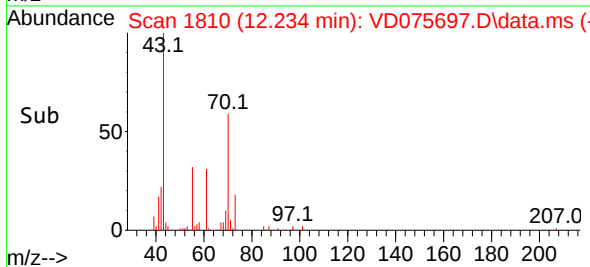
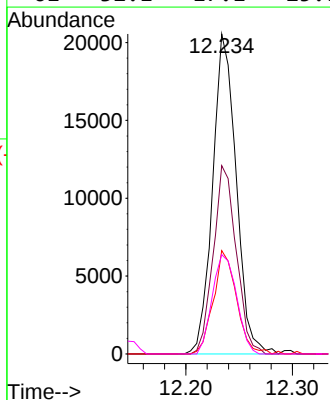
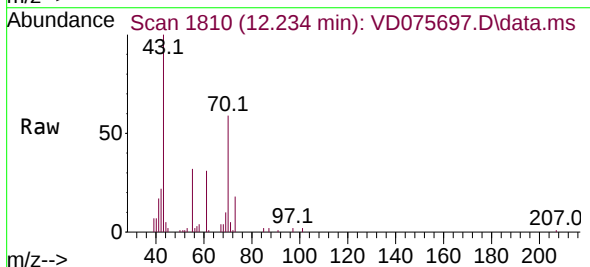
Manual Integrations
APPROVED

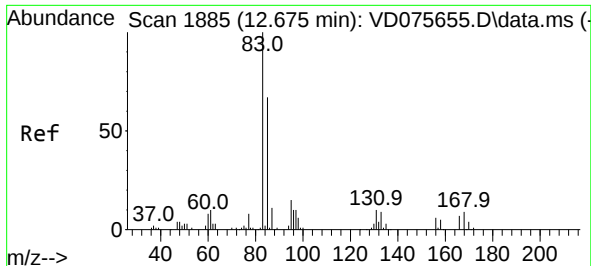
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#74
N-ethyl acetate
Concen: 19.501 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

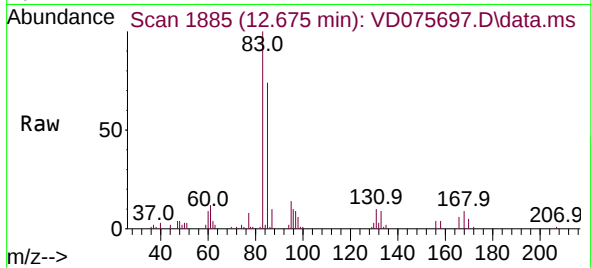
Tgt Ion: 43 Resp: 31459
Ion Ratio Lower Upper
43 100
70 57.6 31.0 46.4#
55 32.0 18.6 28.0#
61 32.1 17.1 25.7#





#75
1,1,2,2-Tetrachloroethane
Concen: 19.402 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

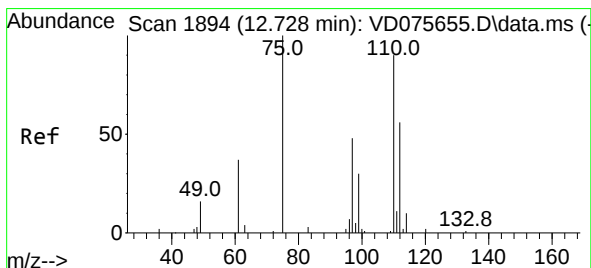
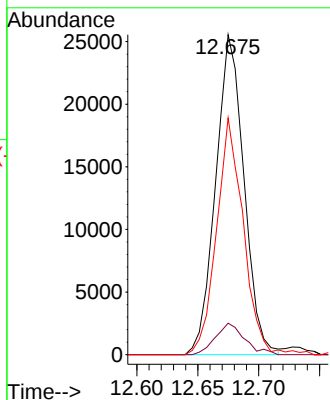
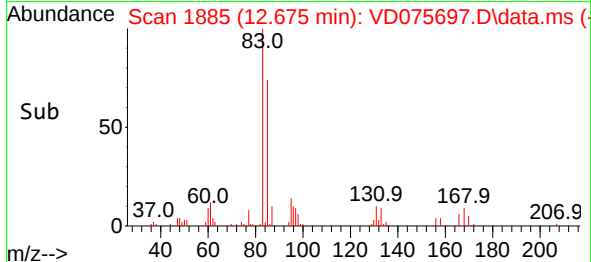
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBSD01



Tgt Ion: 83 Resp: 4137
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.2
85 70.2 33.6 100.6

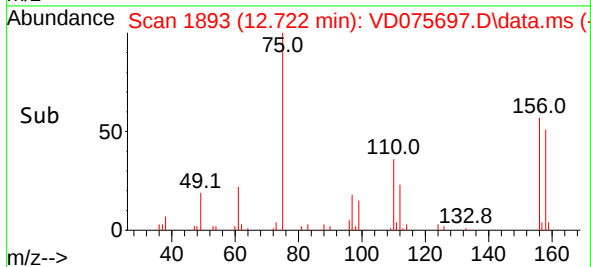
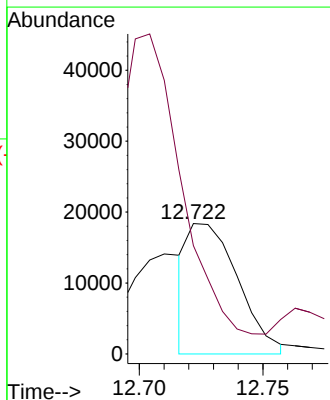
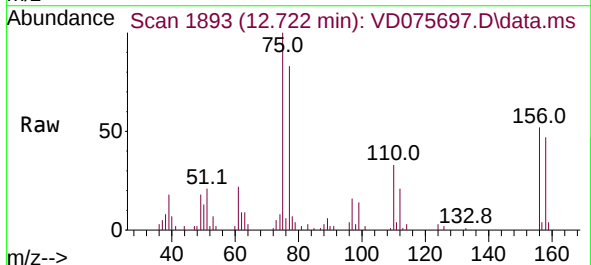
Manual Integrations
APPROVED

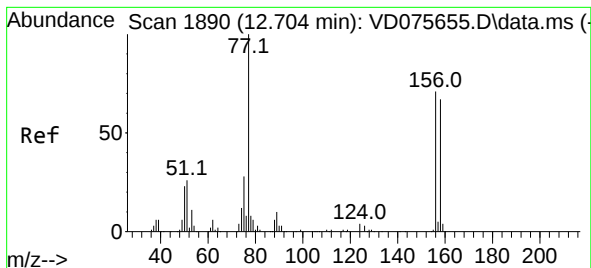
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#76
1,2,3-Trichloropropane
Concen: 18.907 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

Tgt Ion: 75 Resp: 25791
Ion Ratio Lower Upper
75 100
77 343.4 0.0 0.0#





#77

Bromobenzene

Concen: 19.526 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD075697.D

Acq: 17 Apr 2023 13:08

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

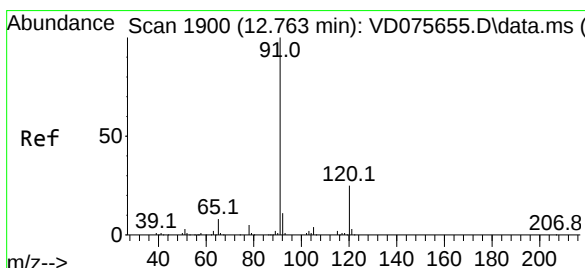
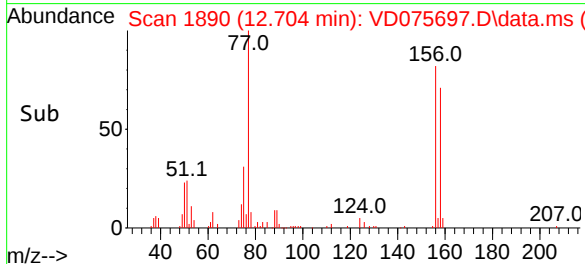
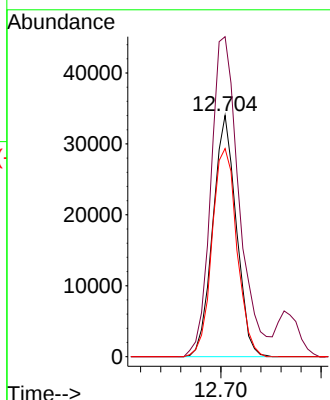
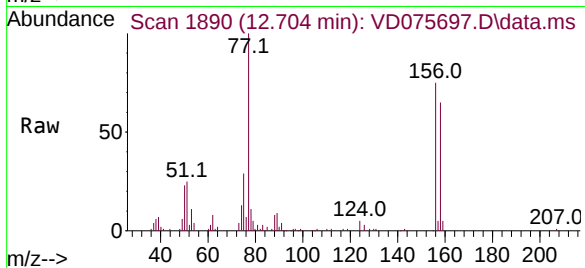
Tgt Ion:	156	Resp:	55264
Ion Ratio	Lower	Upper	
156	100		
77	160.3	89.5	268.6
158	91.6	47.8	143.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#78

n-propylbenzene

Concen: 20.753 ug/l

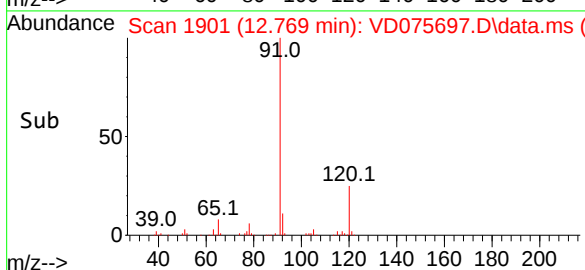
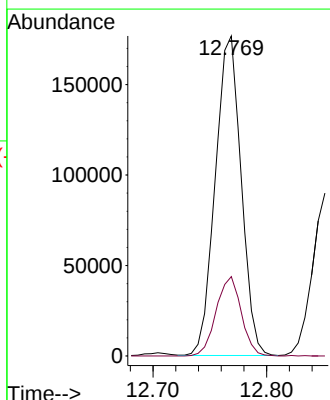
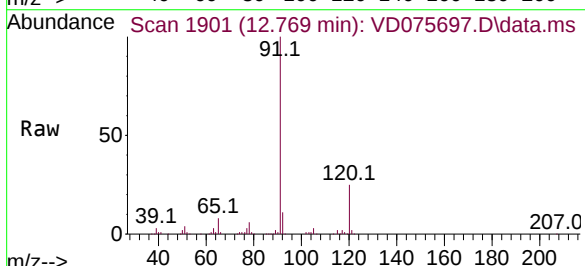
RT: 12.769 min Scan# 1901

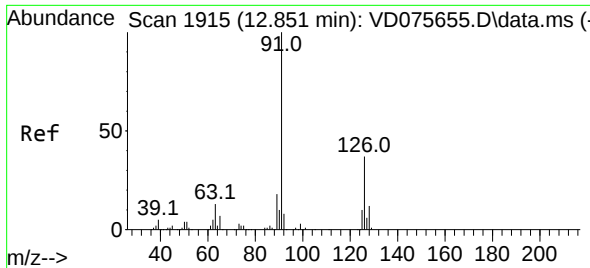
Delta R.T. 0.006 min

Lab File: VD075697.D

Acq: 17 Apr 2023 13:08

Tgt Ion:	91	Resp:	279272
Ion Ratio	Lower	Upper	
91	100		
120	24.1	11.4	34.2





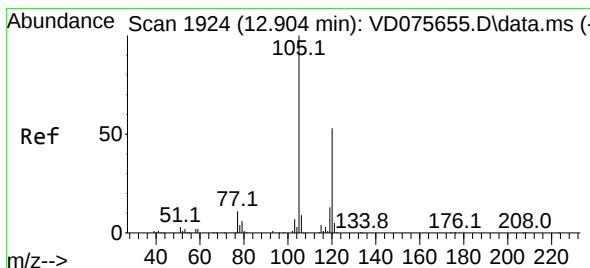
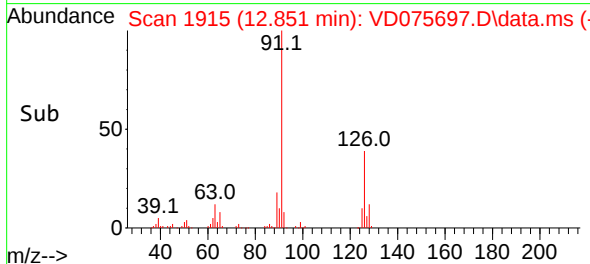
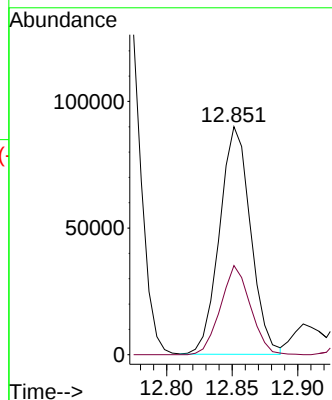
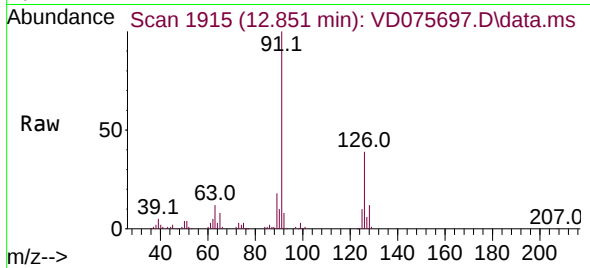
#79
2-Chlorotoluene
Concen: 19.440 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBSD01

Tgt Ion: 91 Resp: 148374
Ion Ratio Lower Upper
91 100
126 37.6 16.8 50.3

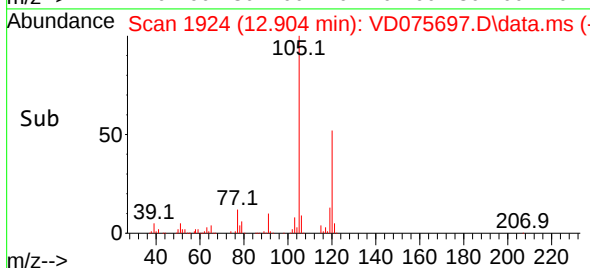
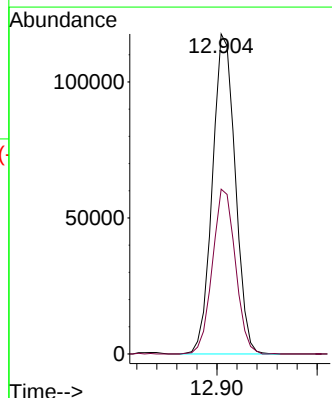
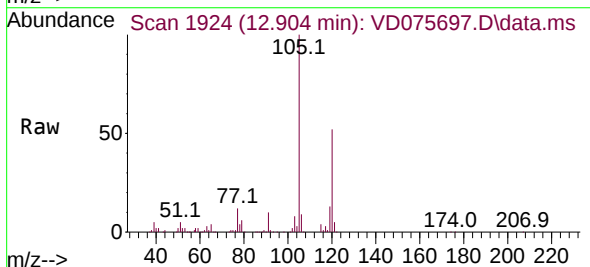
Manual Integrations
APPROVED

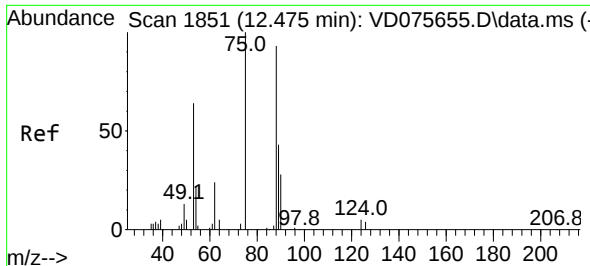
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.277 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

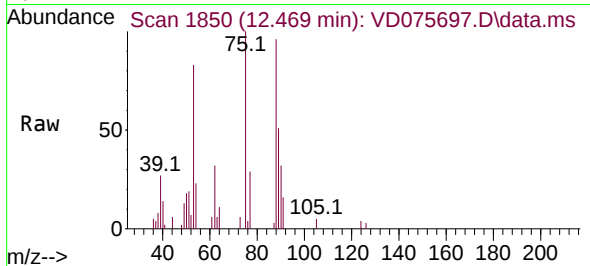
Tgt Ion:105 Resp: 185573
Ion Ratio Lower Upper
105 100
120 52.0 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 19.035 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

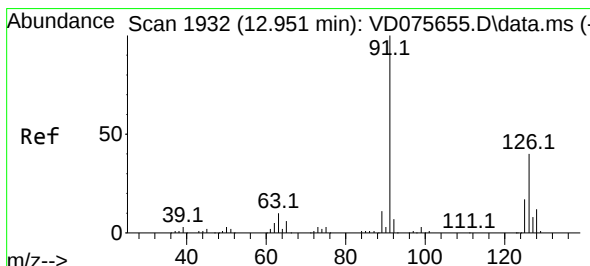
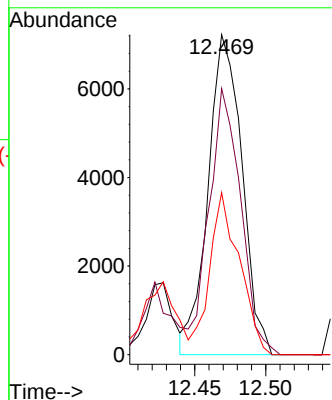
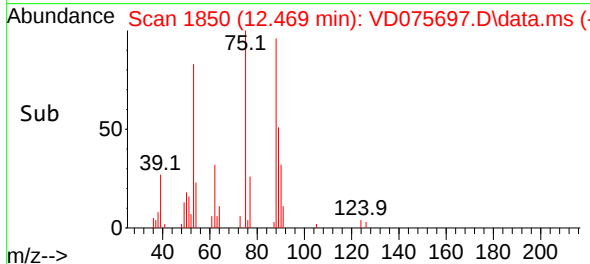
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBS01



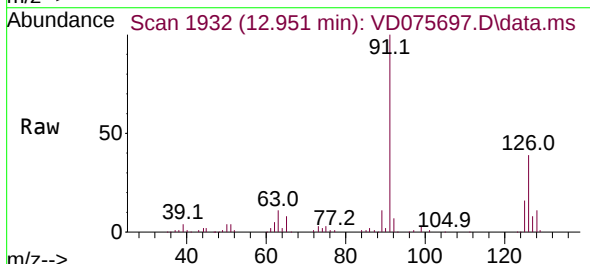
Tgt Ion: 75 Resp: 11980
Ion Ratio Lower Upper
75 100
53 77.3 90.5 135.7
89 44.7 40.2 60.4

Manual Integrations
APPROVED

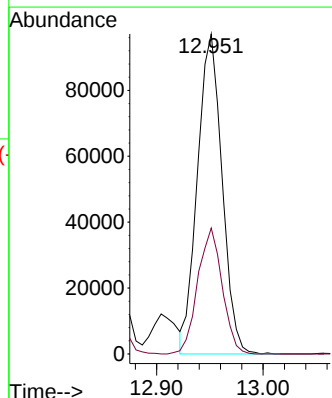
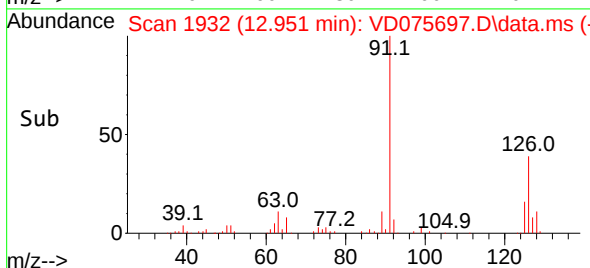
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

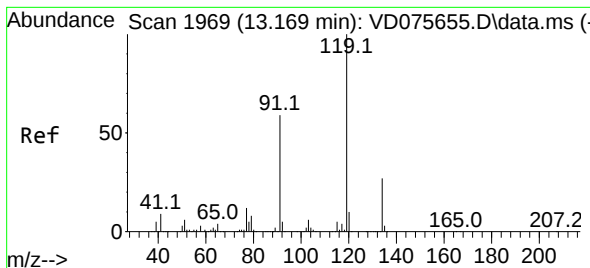


#82
4-Chlorotoluene
Concen: 19.653 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08



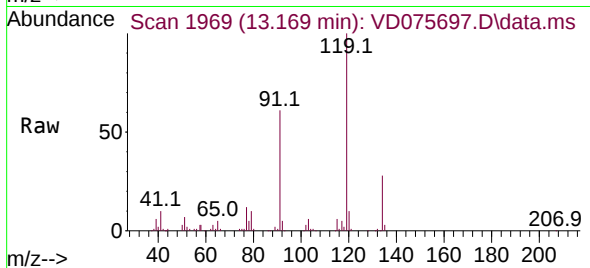
Tgt Ion: 91 Resp: 155969
Ion Ratio Lower Upper
91 100
126 39.1 17.1 51.2





#83
tert-Butylbenzene
Concen: 19.555 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

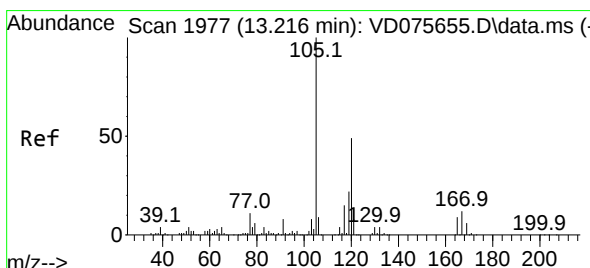
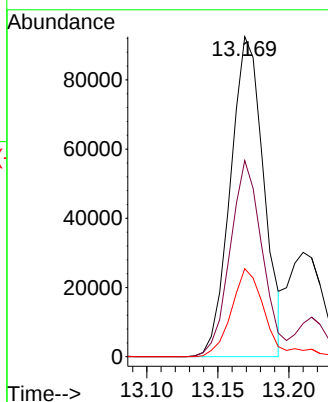
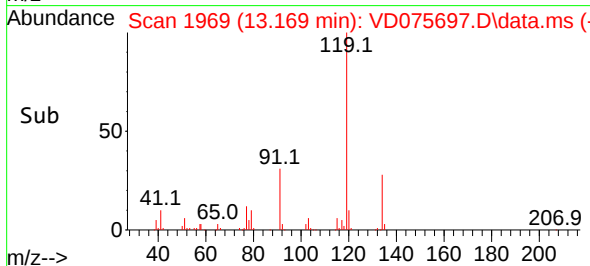
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBSD01



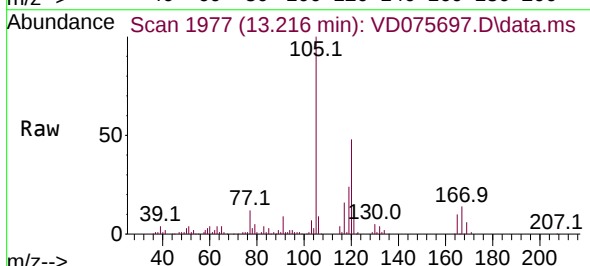
Tgt Ion:119 Resp: 150900
Ion Ratio Lower Upper
119 100
91 59.4 32.4 97.0
134 28.1 13.0 39.0

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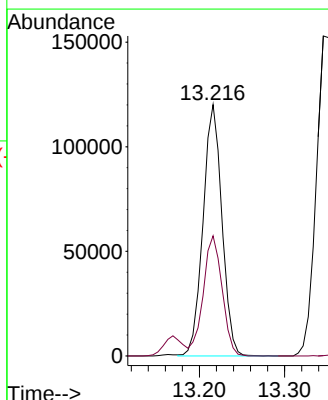
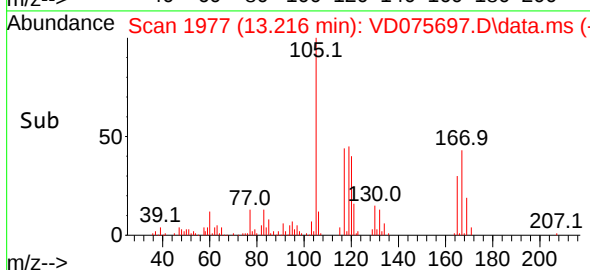
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

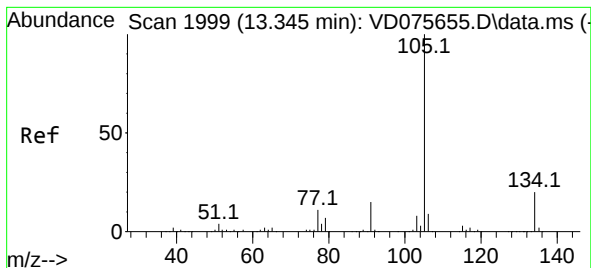


#84
1,2,4-Trimethylbenzene
Concen: 20.174 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08



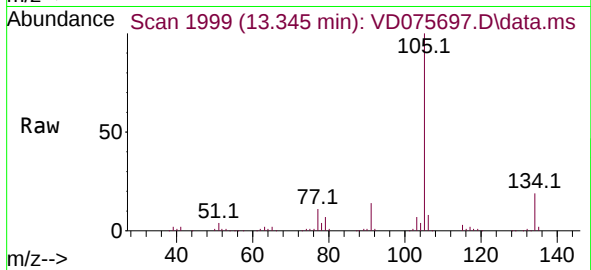
Tgt Ion:105 Resp: 185264
Ion Ratio Lower Upper
105 100
120 47.7 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 20.394 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075697.D
 Acq: 17 Apr 2023 13:08

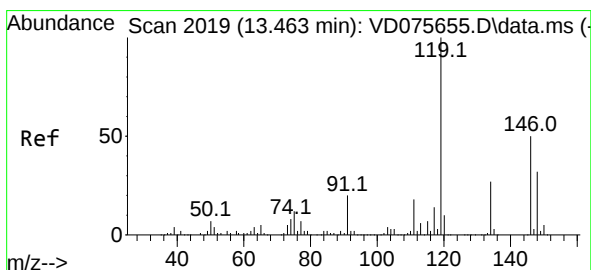
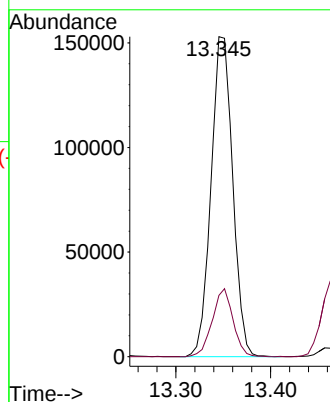
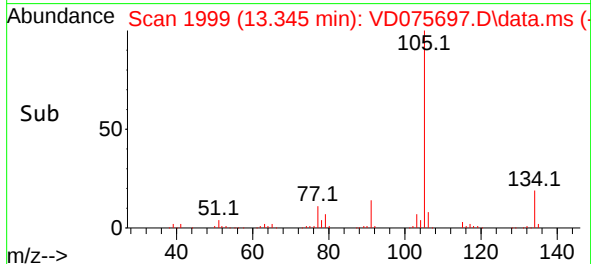
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0417SBS01



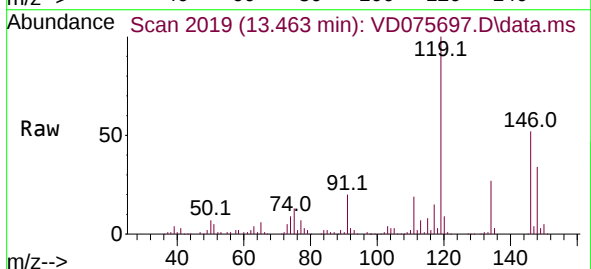
Tgt Ion:105 Resp: 242780
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.9 29.7

Manual Integrations
 APPROVED

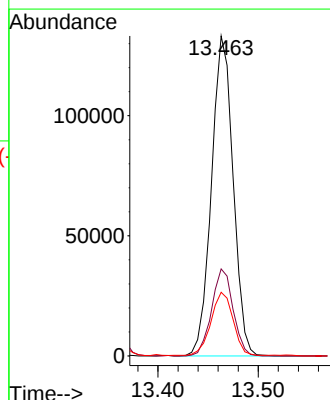
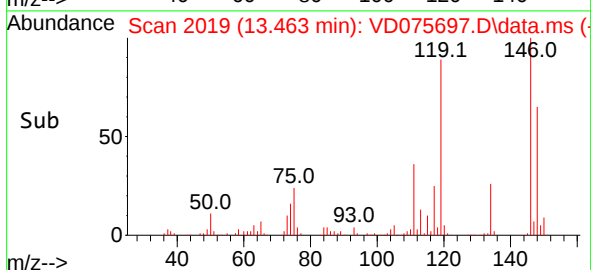
Reviewed By :John Carlone 04/18/2023
 Supervised By :Mahesh Dadoda 04/18/2023

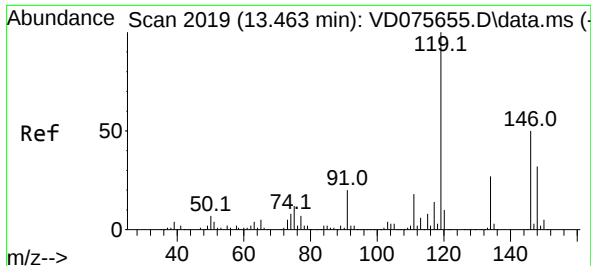


#86
 p-Isopropyltoluene
 Concen: 20.172 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075697.D
 Acq: 17 Apr 2023 13:08



Tgt Ion:119 Resp: 199919
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.1 39.3
 91 20.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.129 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075697.D

Acq: 17 Apr 2023 13:08

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

Tgt Ion:146 Resp: 112628

Ion Ratio Lower Upper

146 100

111 36.8 19.8 59.3

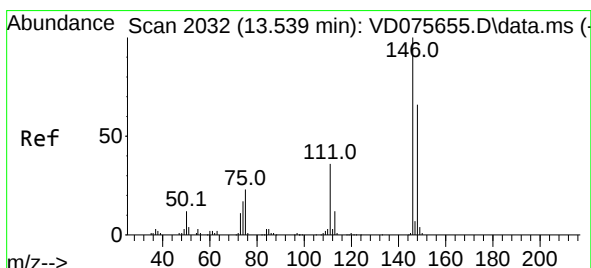
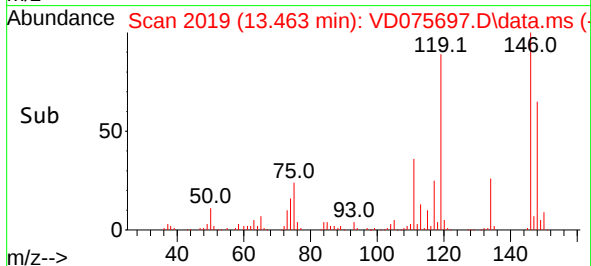
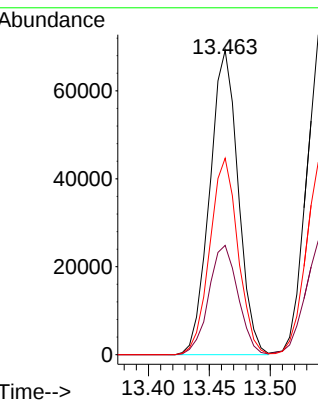
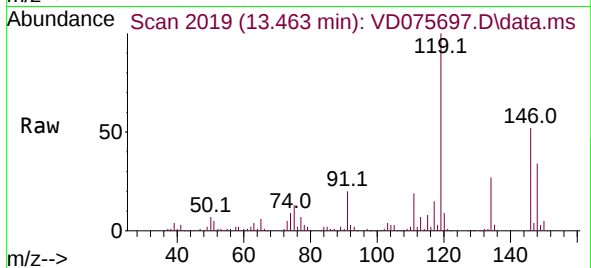
148 63.8 31.0 93.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#88

1,4-Dichlorobenzene

Concen: 19.730 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD075697.D

Acq: 17 Apr 2023 13:08

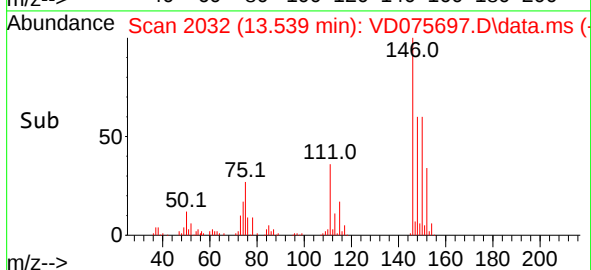
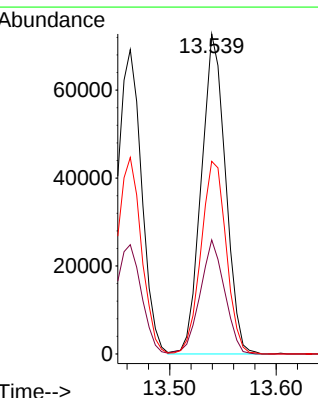
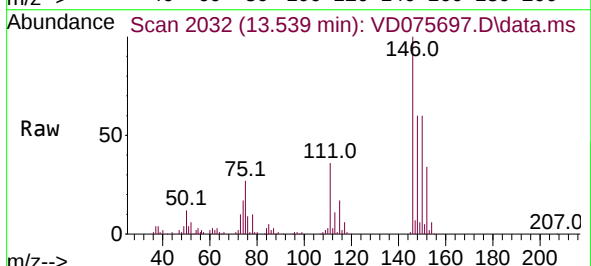
Tgt Ion:146 Resp: 114768

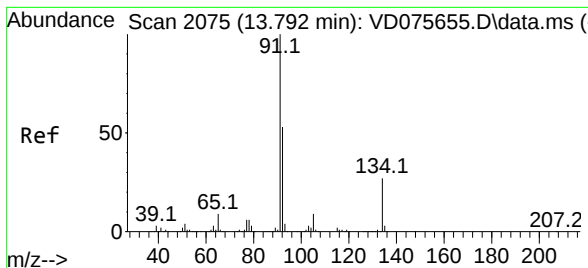
Ion Ratio Lower Upper

146 100

111 36.0 19.6 58.8

148 62.8 31.7 95.1





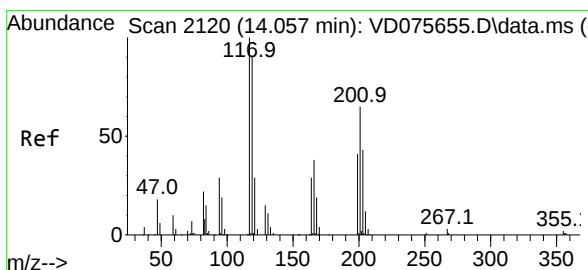
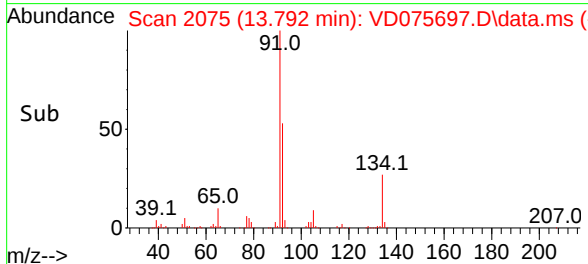
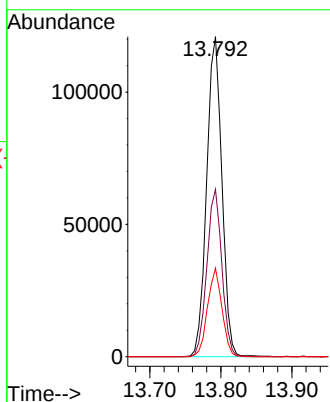
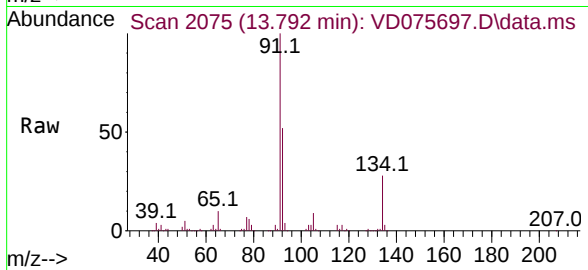
#89
n-Butylbenzene
Concen: 19.779 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBSD01

Tgt Ion: 91 Resp: 18056
Ion Ratio Lower Upper
91 100
92 51.3 26.2 78.5
134 26.1 12.7 38.0

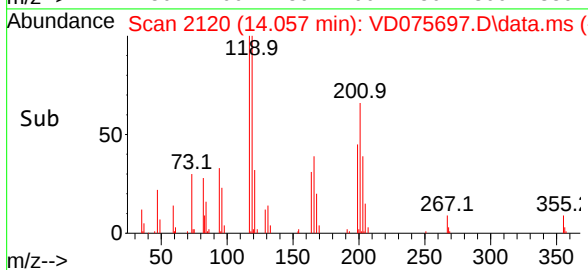
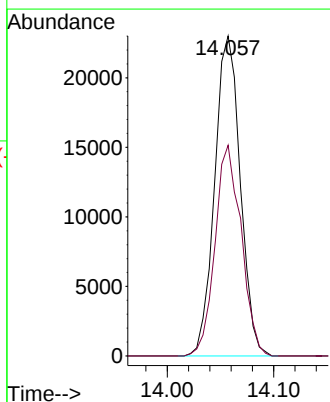
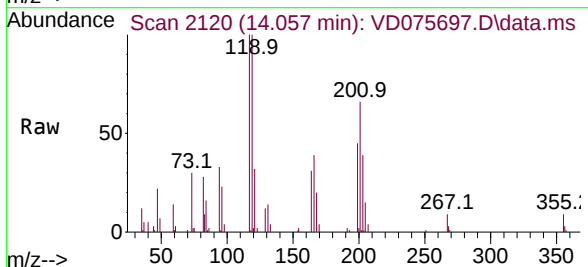
Manual Integrations
APPROVED

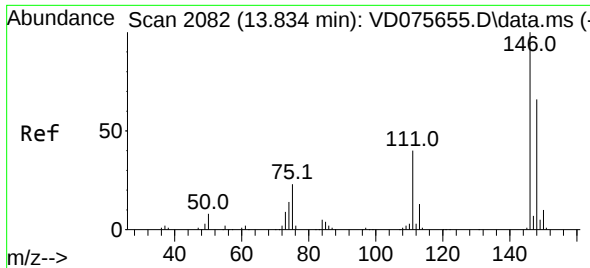
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023



#90
Hexachloroethane
Concen: 19.509 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

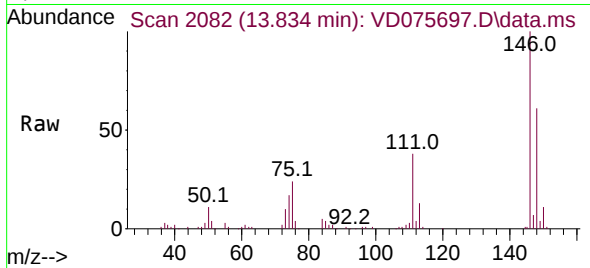
Tgt Ion:117 Resp: 38416
Ion Ratio Lower Upper
117 100
201 67.3 34.5 103.6





#91
1,2-Dichlorobenzene
Concen: 19.619 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

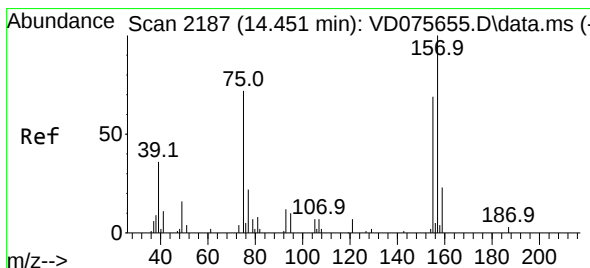
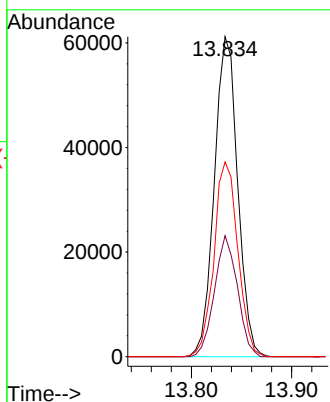
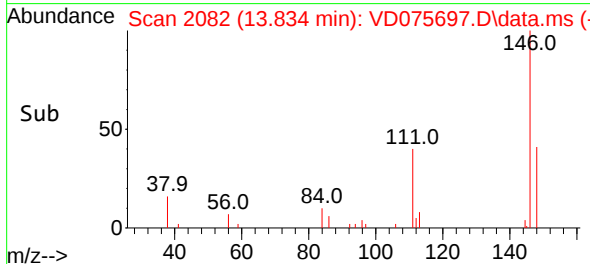
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBSD01



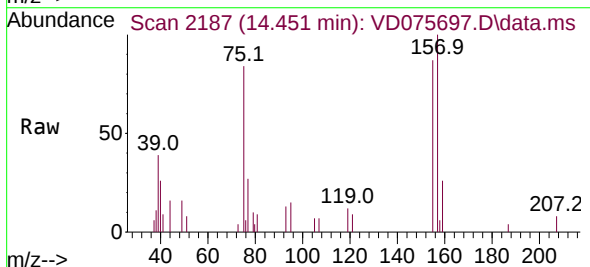
Tgt Ion:146 Resp: 9895
Ion Ratio Lower Upper
146 100
111 37.2 20.6 61.8
148 62.2 32.0 96.2

Manual Integrations
APPROVED

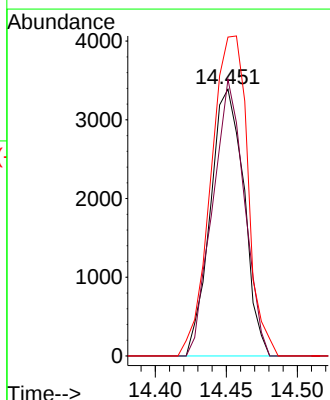
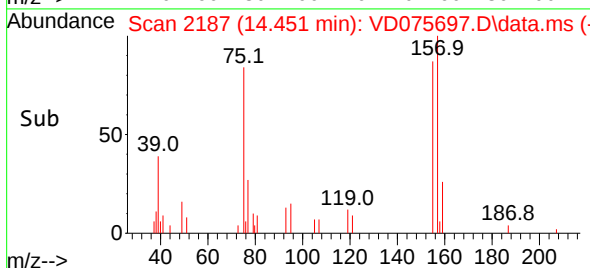
Reviewed By :John Carlone 04/18/2023
Supervised By :Mahesh Dadoda 04/18/2023

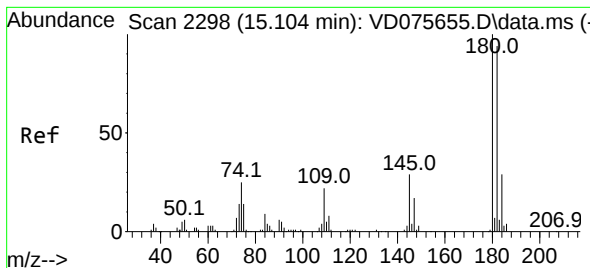


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.498 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08



Tgt Ion: 75 Resp: 5574
Ion Ratio Lower Upper
75 100
155 98.0 39.5 118.5
157 131.1 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 17.615 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD075697.D

Acq: 17 Apr 2023 13:08

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBS01

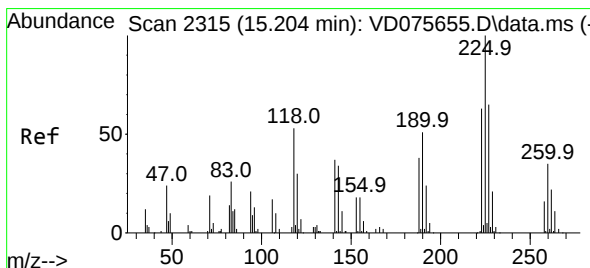
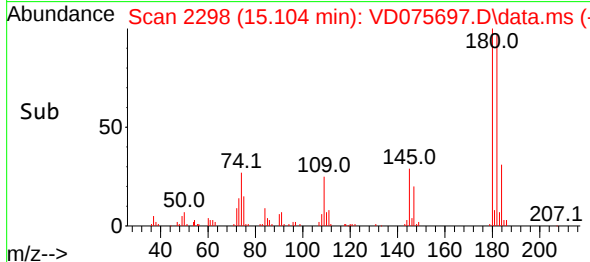
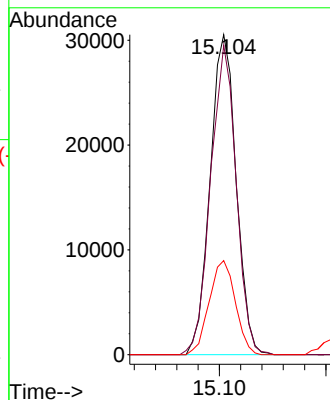
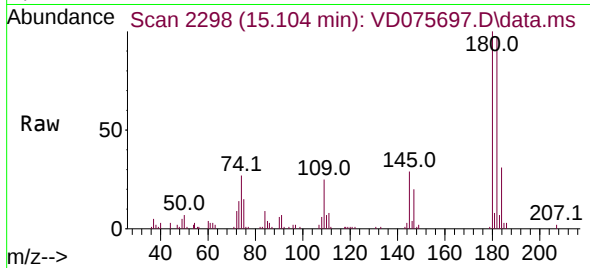
Tgt Ion:180	Resp:	5168
Ion Ratio	Lower	Upper
180	100	
182	95.1	47.9 143.7
145	29.6	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2023

Supervised By :Mahesh Dadoda 04/18/2023



#94

Hexachlorobutadiene

Concen: 19.382 ug/l

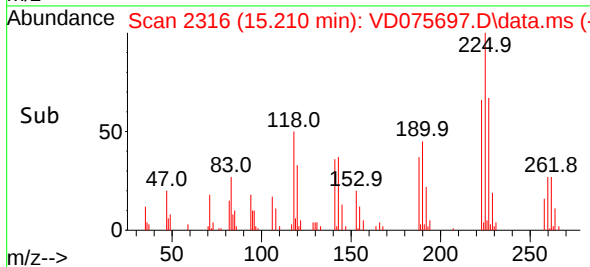
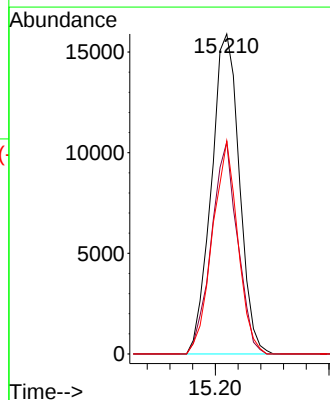
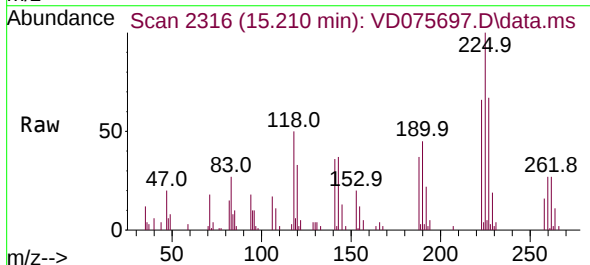
RT: 15.210 min Scan# 2316

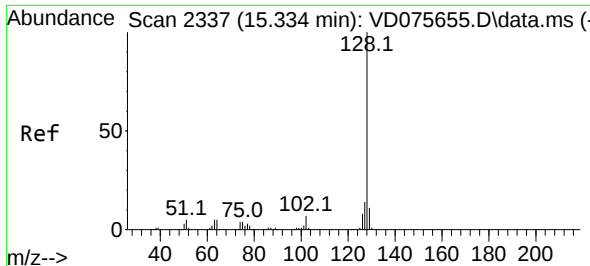
Delta R.T. 0.006 min

Lab File: VD075697.D

Acq: 17 Apr 2023 13:08

Tgt Ion:225	Resp:	27183
Ion Ratio	Lower	Upper
225	100	
223	61.8	33.1 99.2
227	60.5	31.9 95.9





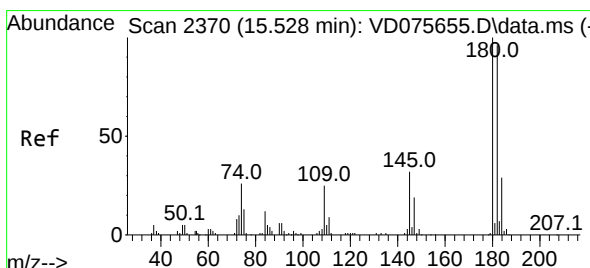
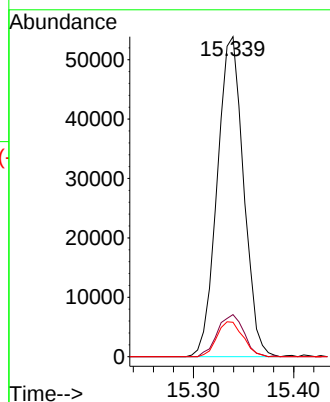
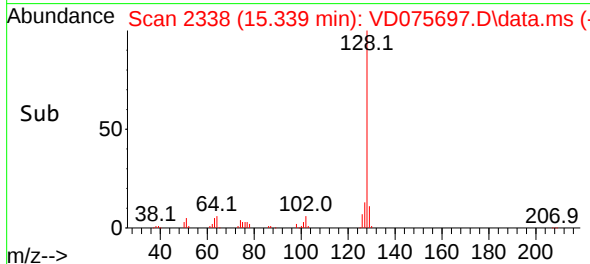
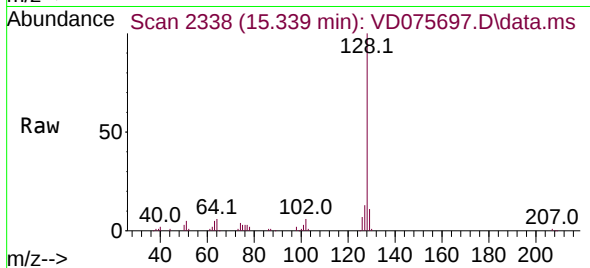
#95
Naphthalene
Concen: 17.685 ug/l
RT: 15.339 min Scan# 2337
Delta R.T. 0.005 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBSD01

Tgt Ion:128 Resp: 9831
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.9 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: 18.265 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD075697.D
Acq: 17 Apr 2023 13:08

Tgt Ion:180 Resp: 47173
Ion Ratio Lower Upper
180 100
182 95.8 47.7 143.1
145 29.9 16.4 49.4

