

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011922\
 Data File : VW024407.D
 Acq On : 19 Jan 2022 16:18
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 20 01:03:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 20 01:01:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	234182	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	218195	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	124647	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	98034	58.167	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 116.340%		
7) Chloroethane-d5	1.568	69	70760	55.268	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 110.540%		
11) 1,1-Dichloroethene-d2	2.111	63	168444	53.476	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 106.960%		
21) 2-Butanone-d5	3.880	46	96911	103.207	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 103.210%		
24) Chloroform-d	4.343	84	167433	54.356	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 108.720%		
26) 1,2-Dichloroethane-d4	5.024	65	108347	52.536	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 105.080%		
32) Benzene-d6	5.043	84	316971	55.668	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 111.340%		
36) 1,2-Dichloropropane-d6	6.063	67	88079	55.196	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 110.400%		
41) Toluene-d8	7.310	98	310737	56.364	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 112.720%		
43) trans-1,3-Dichloroprop...	7.616	79	51192	55.711	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 111.420%		
47) 2-Hexanone-d5	8.082	63	72213	104.160	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 104.160%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	116039	50.884	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 101.760%		
66) 1,2-Dichlorobenzene-d4	11.622	152	131861	53.073	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 106.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	109472	57.943	ug/L	99
3) Chloromethane	1.243	50	93210	58.723	ug/L	97
5) Vinyl chloride	1.314	62	93678	55.777	ug/L	95
6) Bromomethane	1.526	94	61814	64.589	ug/L	98
8) Chloroethane	1.587	64	53312	51.427	ug/L	97
9) Trichlorofluoromethane	1.754	101	150918	49.991	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	73033	49.501	ug/L	99
12) 1,1-Dichloroethene	2.121	96	71222	49.930	ug/L	92
13) Acetone	2.175	43	96249	103.817	ug/L	99
14) Carbon disulfide	2.294	76	200453	48.398	ug/L	99
15) Methyl Acetate	2.429	43	65886	48.862	ug/L	100
16) Methylene chloride	2.507	84	77568	49.935	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	74153	50.448	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	244310	53.929	ug/L	100
19) 1,1-Dichloroethane	3.188	63	125076	51.303	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	80100	51.024	ug/L	100
22) 2-Butanone	3.960	43	99227	100.757	ug/L	97
23) Bromochloromethane	4.243	128	44904	49.643	ug/L	98
25) Chloroform	4.368	83	141489	49.636	ug/L	99

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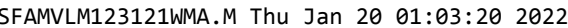
Instrument :
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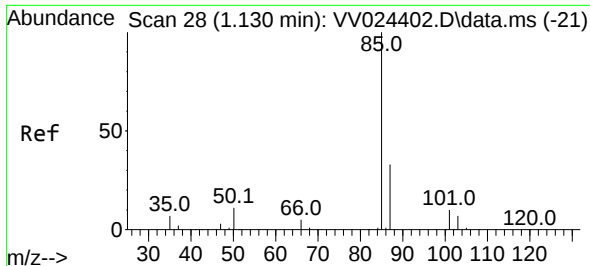
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 Quant Title : VOC Analysis
 QLast Update : Thu Jan 20 01:01:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	114479	49.376	ug/L	99
29) Cyclohexane	4.674	56	103011	52.813	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	135990	50.654	ug/L	99
31) Carbon tetrachloride	4.825	117	124382	49.939	ug/L	99
33) Benzene	5.095	78	289257	52.136	ug/L	100
34) Trichloroethene	5.908	95	80693	52.742	ug/L	97
35) Methylcyclohexane	6.127	83	113741	50.127	ug/L	99
37) 1,2-Dichloropropane	6.169	63	69247	53.064	ug/L	99
38) Bromodichloromethane	6.503	83	107594	52.542	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	116427	53.075	ug/L	97
40) 4-Methyl-2-pentanone	7.220	43	177585	104.359	ug/L	99
42) Toluene	7.384	91	327051	52.514	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	120596	54.195	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	73874	50.497	ug/L	99
46) Tetrachloroethene	7.969	164	71104	51.060	ug/L	98
48) 2-Hexanone	8.133	43	147098	107.625	ug/L	99
49) Dibromochloromethane	8.243	129	93880	51.195	ug/L	99
50) 1,2-Dibromoethane	8.349	107	81500	51.867	ug/L	99
51) Chlorobenzene	8.876	112	215085	51.274	ug/L	99
52) Ethylbenzene	9.008	91	344303	51.748	ug/L	99
53) m,p-Xylene	9.133	106	139304	52.234	ug/L	97
54) o-Xylene	9.542	106	135471	53.213	ug/L	98
55) Styrene	9.558	104	233146	52.736	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	102178	47.832	ug/L	98
59) Bromoform	9.728	173	69320	48.771	ug/L	99
60) Isopropylbenzene	9.928	105	357112	51.775	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	89907	49.121	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	307970	51.907	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	312885	52.824	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	183023	51.464	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	182972	49.889	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	179896	49.081	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	24129	45.773	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	137178	50.147	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	121576	51.967	ug/L	100
71) Naphthalene	13.500	128	336413	49.702	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	117751	48.699	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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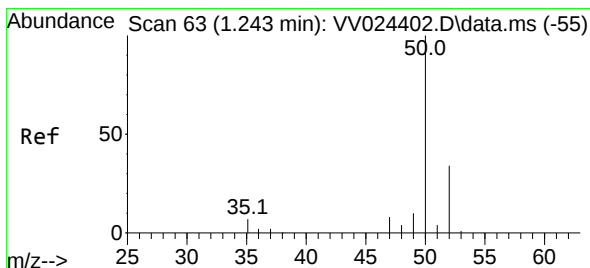
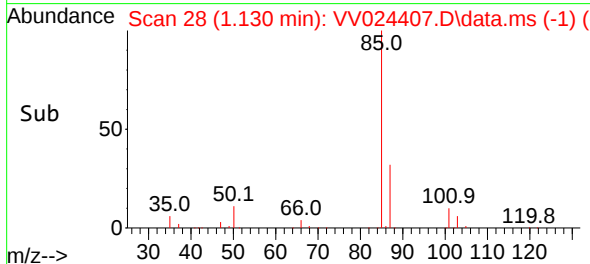
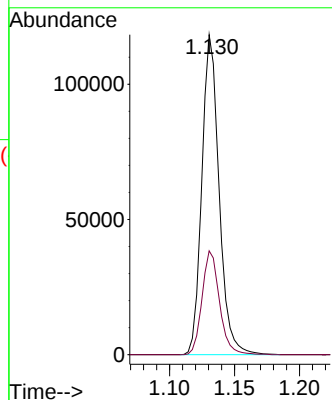
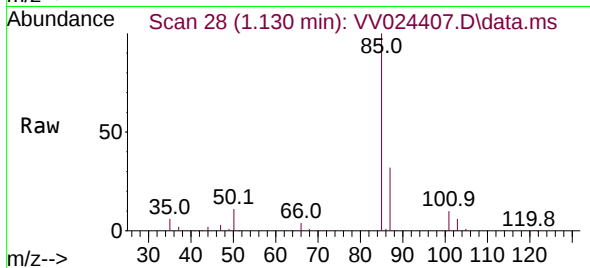




#2
 Dichlorodifluoromethane
 Concen: 57.943 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024407.D
 Acq: 19 Jan 2022 16:18

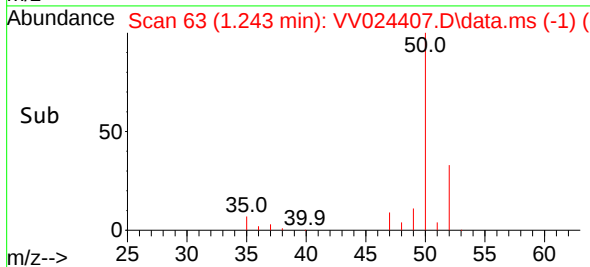
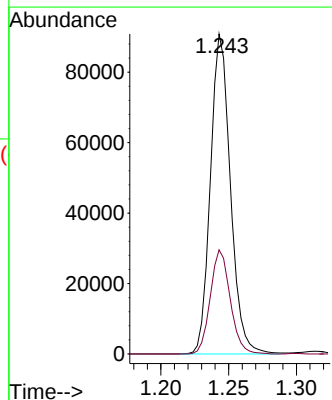
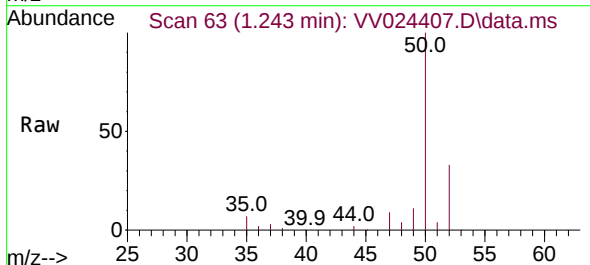
Instrument :
 MSVOA_V
 ClientSampleId :

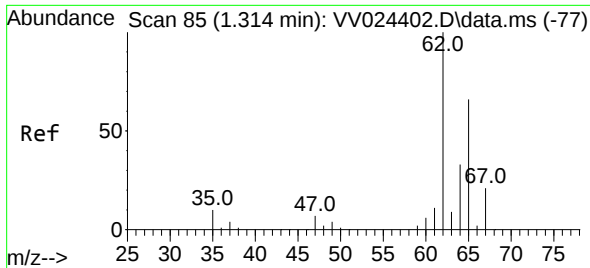
Tgt Ion: 85 Resp: 109472
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.8 38.8



#3
 Chloromethane
 Concen: 58.723 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024407.D
 Acq: 19 Jan 2022 16:18

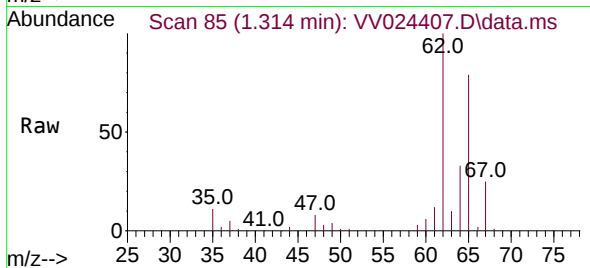
Tgt Ion: 50 Resp: 93210
 Ion Ratio Lower Upper
 50 100
 52 32.5 24.1 44.7



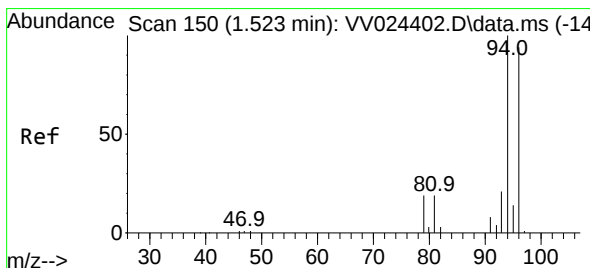
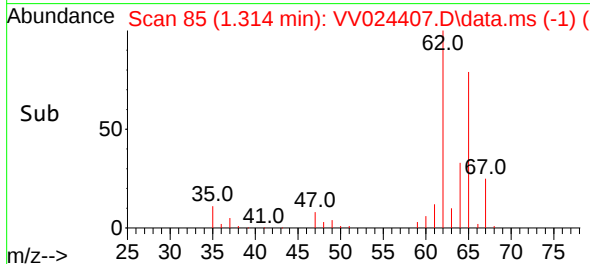
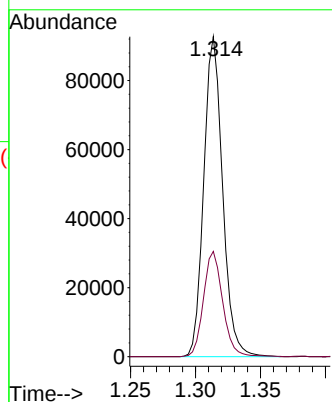


#5
 Vinyl chloride
 Concen: 55.777 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV024407.D
 Acq: 19 Jan 2022 16:18

Instrument :
 MSVOA_V
 ClientSampleId :

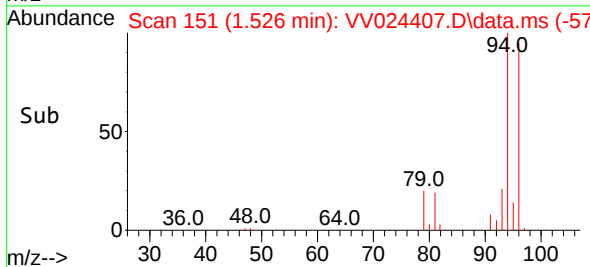
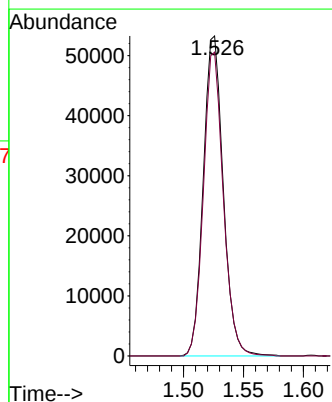
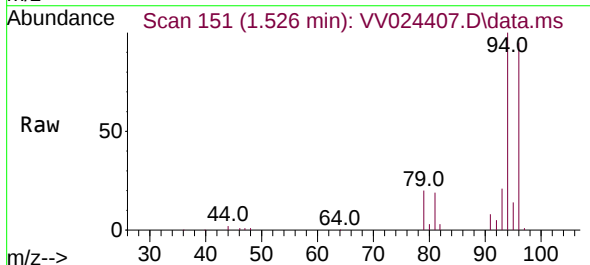


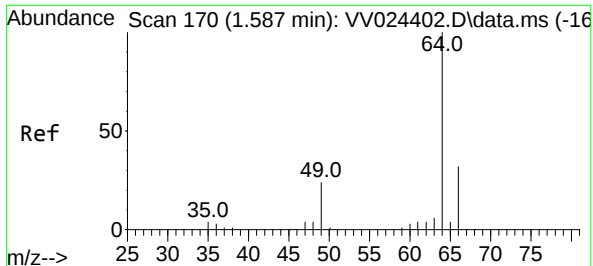
Tgt Ion: 62 Resp: 93678
 Ion Ratio Lower Upper
 62 100
 64 32.9 25.0 46.4



#6
 Bromomethane
 Concen: 64.589 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV024407.D
 Acq: 19 Jan 2022 16:18

Tgt Ion: 94 Resp: 61814
 Ion Ratio Lower Upper
 94 100
 96 95.0 65.0 120.6

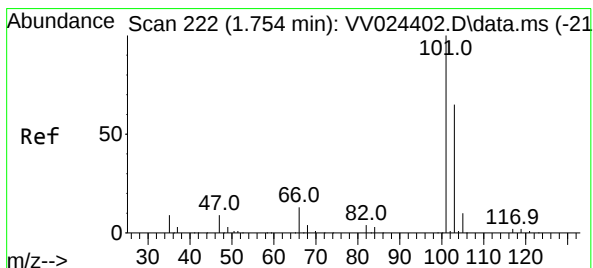
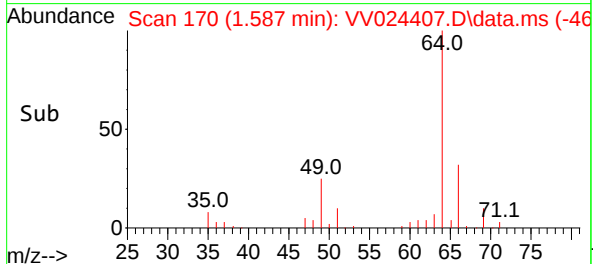
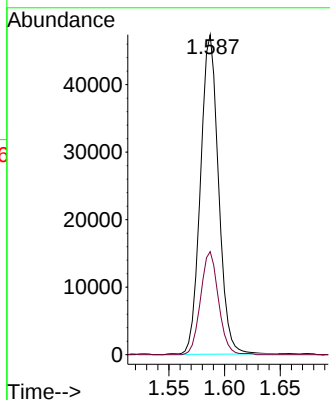
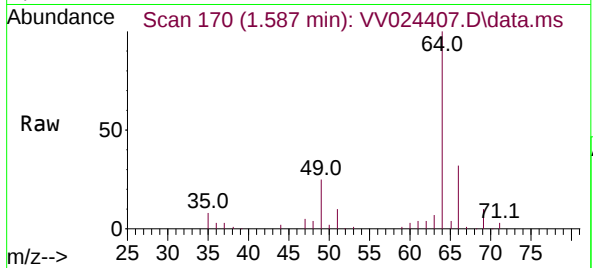




#8
Chloroethane
Concen: 51.427 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV024407.D
Acq: 19 Jan 2022 16:18

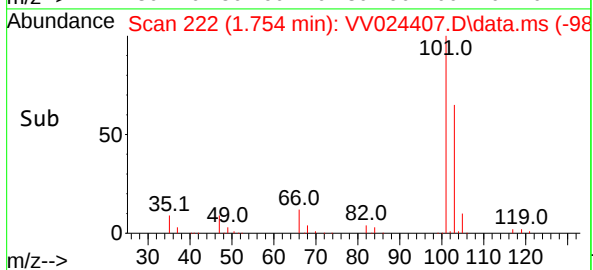
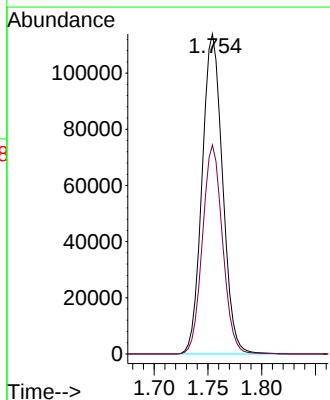
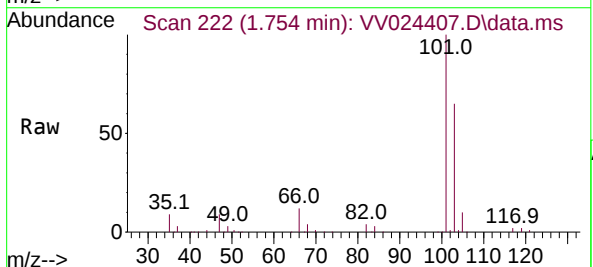
Instrument :
MSVOA_V
ClientSampleId :

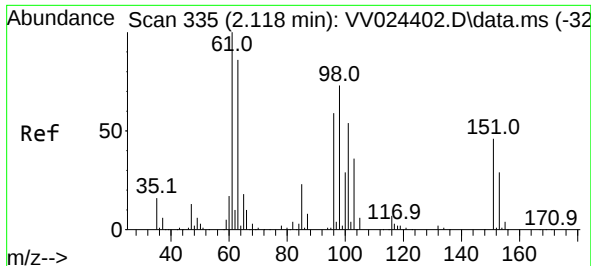
Tgt Ion: 64 Resp: 53312
Ion Ratio Lower Upper
64 100
66 32.2 21.4 39.8



#9
Trichlorofluoromethane
Concen: 49.991 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024407.D
Acq: 19 Jan 2022 16:18

Tgt Ion:101 Resp: 150918
Ion Ratio Lower Upper
101 100
103 64.1 52.0 78.0

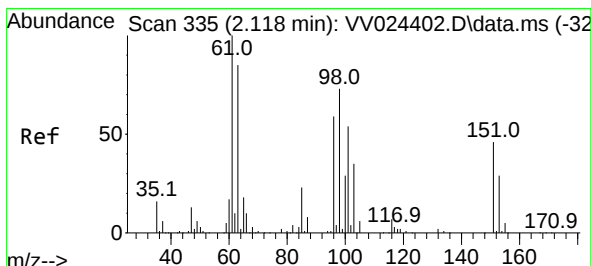
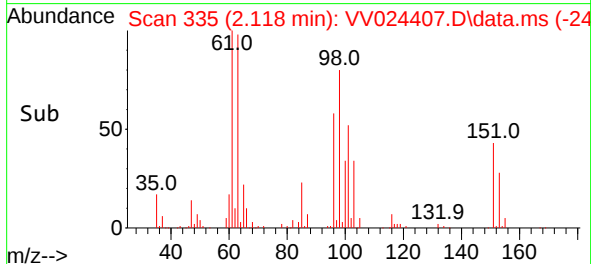
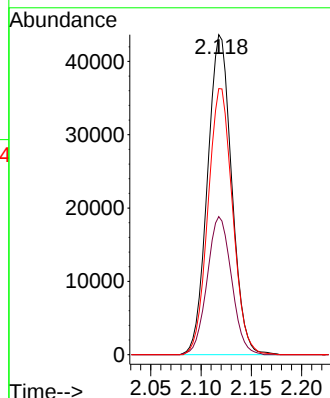
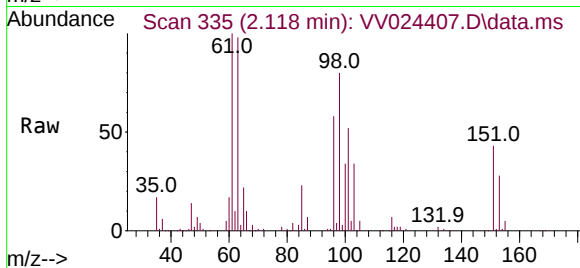




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.501 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV024407.D
 Acq: 19 Jan 2022 16:18

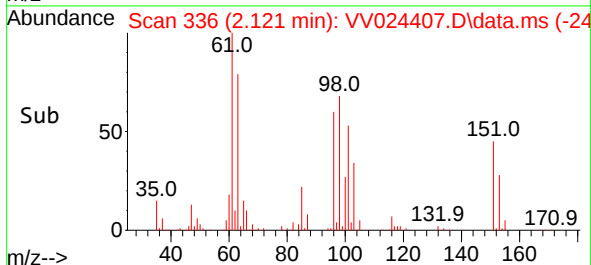
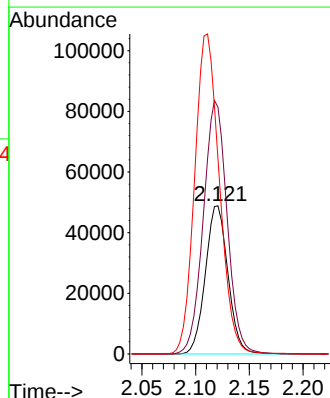
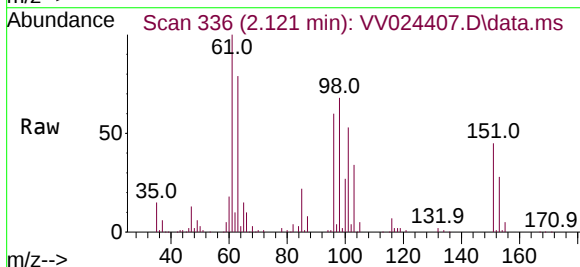
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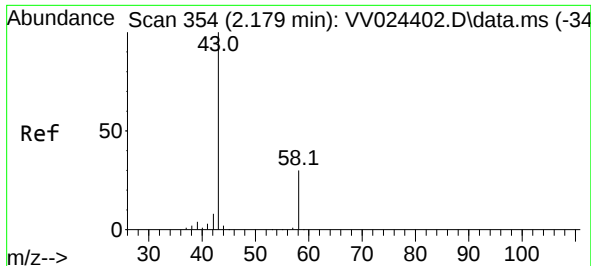
Tgt Ion:101 Resp: 73033
 Ion Ratio Lower Upper
 101 100
 85 43.5 35.3 52.9
 151 84.4 67.1 100.7



#12
 1,1-Dichloroethene
 Concen: 49.930 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV024407.D
 Acq: 19 Jan 2022 16:18

Tgt Ion: 96 Resp: 71222
 Ion Ratio Lower Upper
 96 100
 61 166.6 111.9 207.9
 63 131.7 82.7 153.5





#13

Acetone

Concen: 103.817 ug/L

RT: 2.175 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV024407.D

Acq: 19 Jan 2022 16:18

Instrument :

MSVOA_V

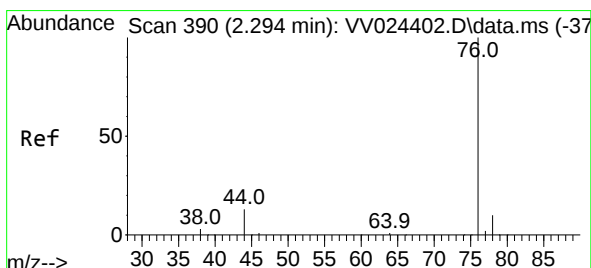
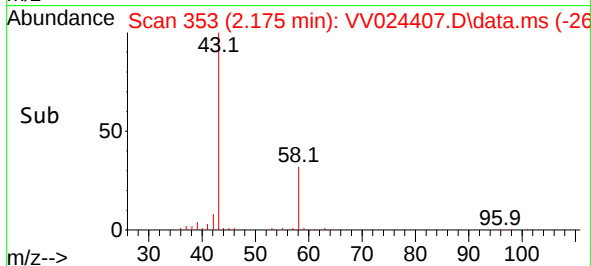
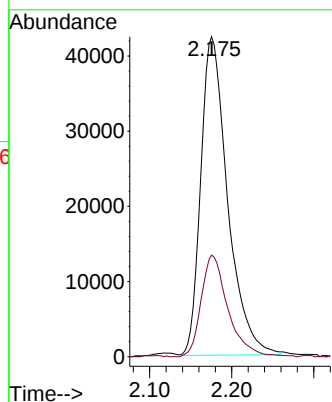
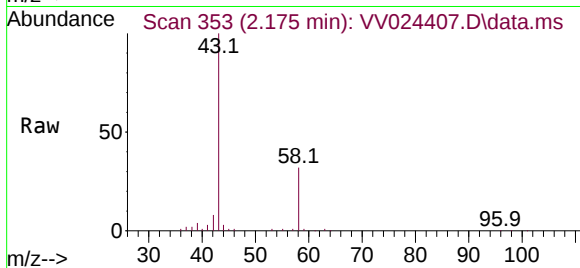
ClientSampleId :

Tgt Ion: 43 Resp: 96249

Ion Ratio Lower Upper

43 100

58 31.8 0.0 63.0



#14

Carbon disulfide

Concen: 48.398 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV024407.D

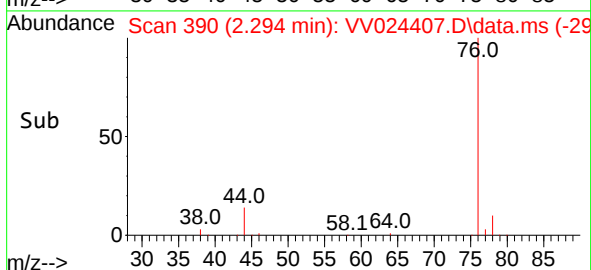
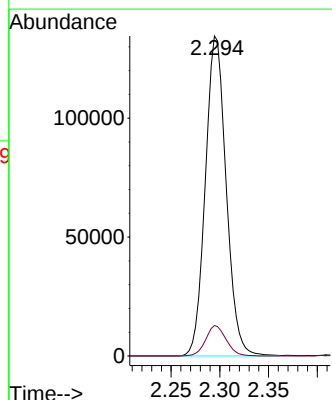
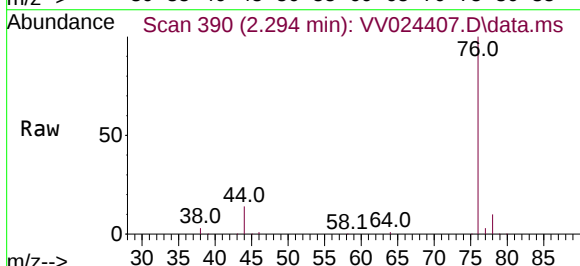
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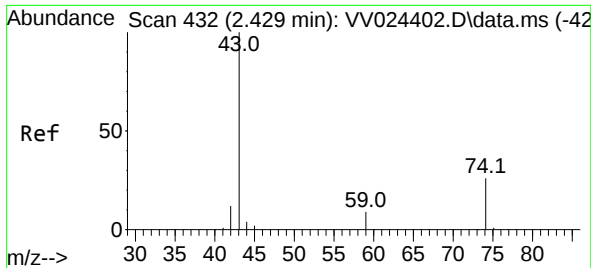
Tgt Ion: 76 Resp: 200453

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8





#15

Methyl Acetate

Concen: 48.862 ug/L

RT: 2.429 min Scan# 432

Delta R.T. 0.000 min

Lab File: VV024407.D

Acq: 19 Jan 2022 16:18

Instrument :

MSVOA_V

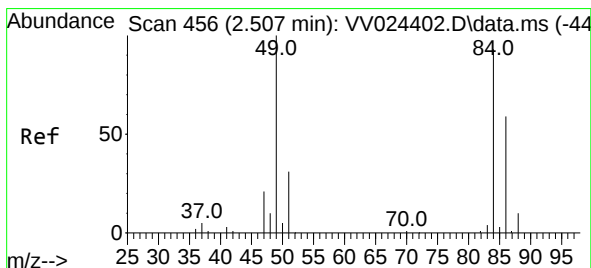
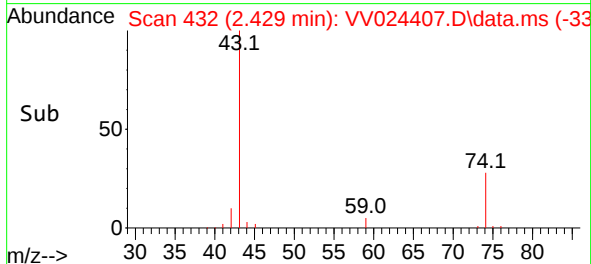
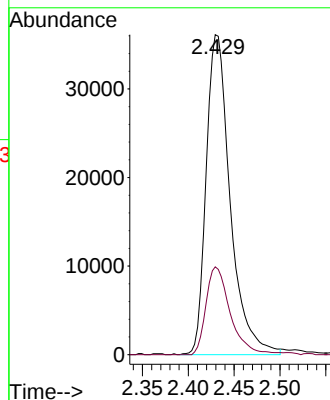
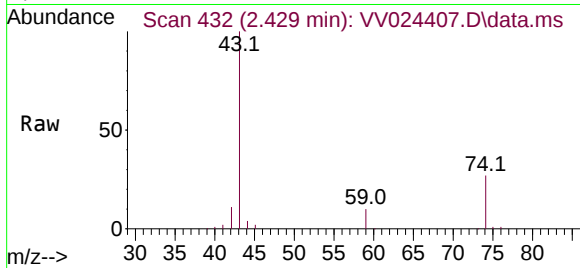
ClientSampleId :

Tgt Ion: 43 Resp: 65886

Ion Ratio Lower Upper

43 100

74 27.5 21.8 32.8



#16

Methylene chloride

Concen: 49.935 ug/L

RT: 2.507 min Scan# 456

Delta R.T. 0.000 min

Lab File: VV024407.D

Acq: 19 Jan 2022 16:18

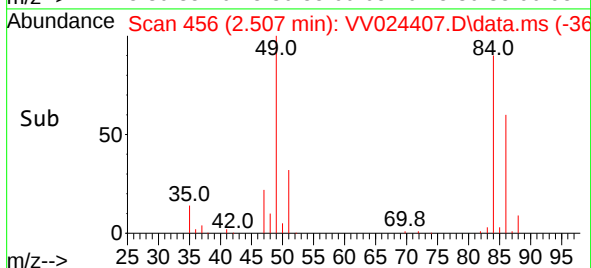
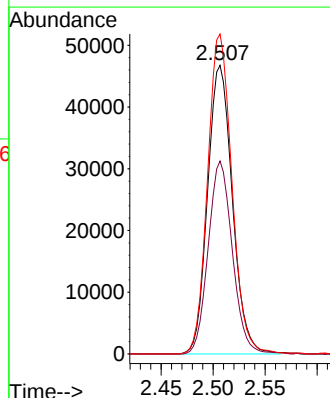
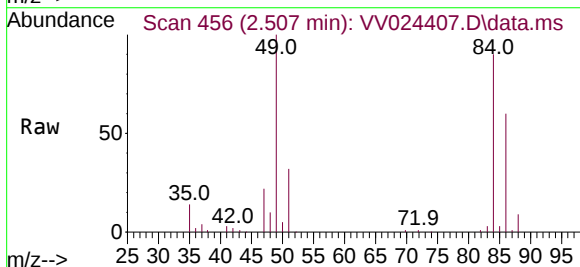
Tgt Ion: 84 Resp: 77568

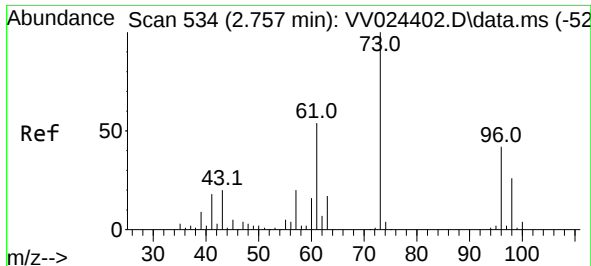
Ion Ratio Lower Upper

84 100

86 66.8 46.8 86.8

49 110.8 78.3 145.3



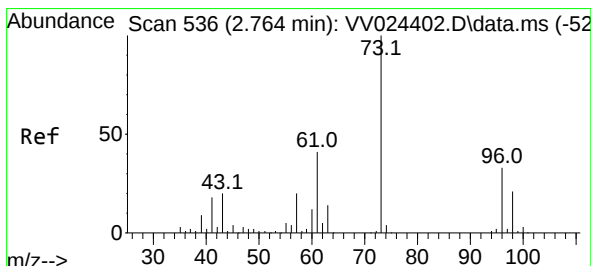
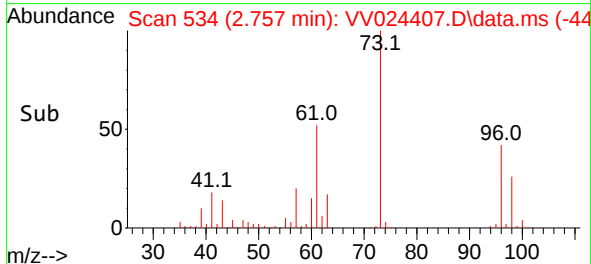
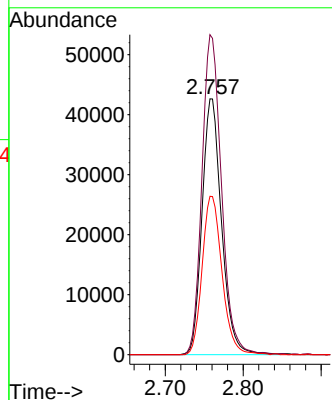
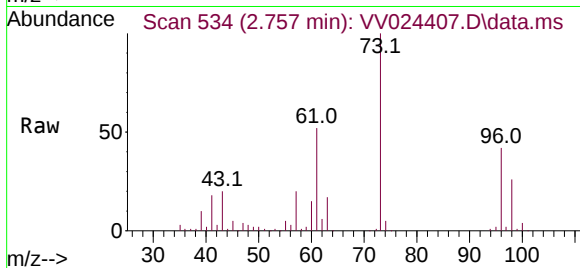


#17
 trans-1,2-Dichloroethene
 Concen: 50.448 ug/L
 RT: 2.757 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VV024407.D
 Acq: 19 Jan 2022 16:18

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 96 Resp: 74153

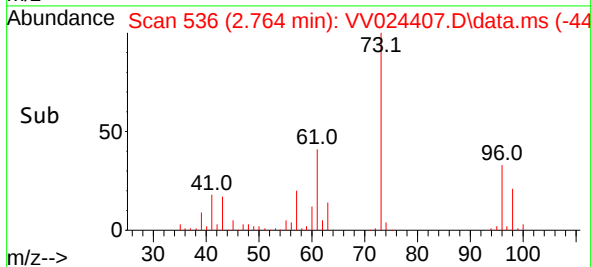
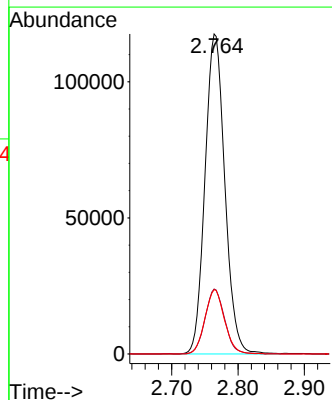
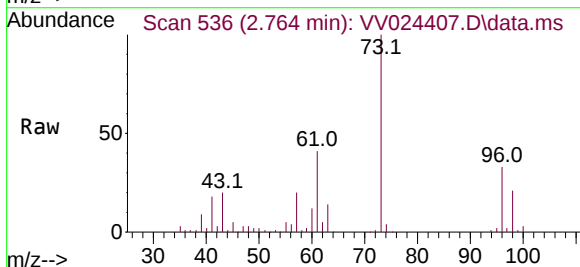
Ion	Ratio	Lower	Upper
96	100		
61	125.1	88.1	163.7
98	61.9	45.0	83.6

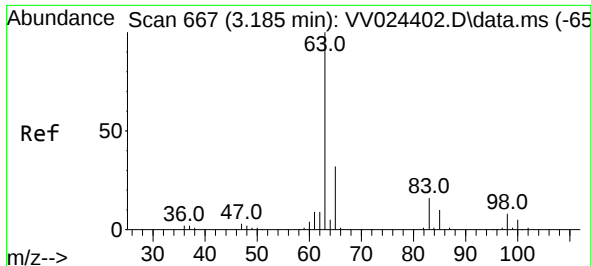


#18
 Methyl tert-butyl Ether
 Concen: 53.929 ug/L
 RT: 2.764 min Scan# 536
 Delta R.T. 0.000 min
 Lab File: VV024407.D
 Acq: 19 Jan 2022 16:18

Tgt Ion: 73 Resp: 244310

Ion	Ratio	Lower	Upper
73	100		
43	20.0	16.2	24.2
57	19.8	15.9	23.9





#19

1,1-Dichloroethane

Concen: 51.303 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV024407.D

Acq: 19 Jan 2022 16:18

Instrument :

MSVOA_V

ClientSampleId :

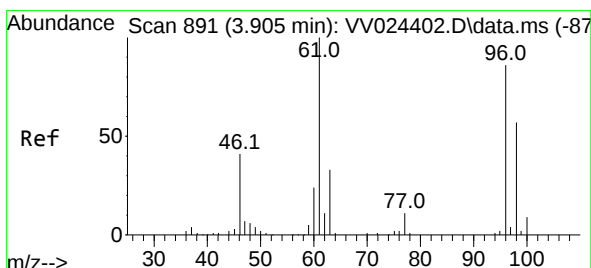
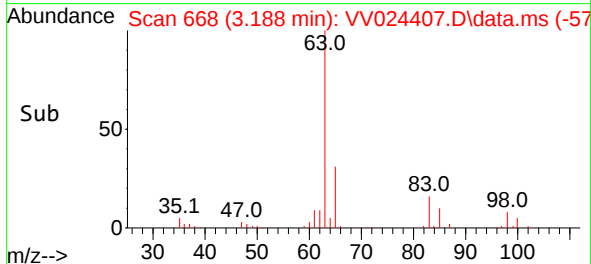
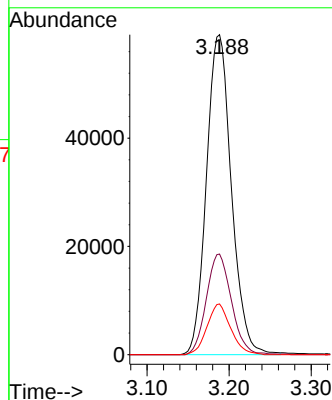
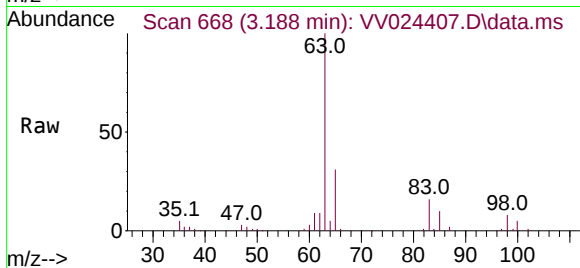
Tgt Ion: 63 Resp: 125076

Ion Ratio Lower Upper

63 100

65 31.4 22.4 41.6

83 15.8 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 51.024 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV024407.D

Acq: 19 Jan 2022 16:18

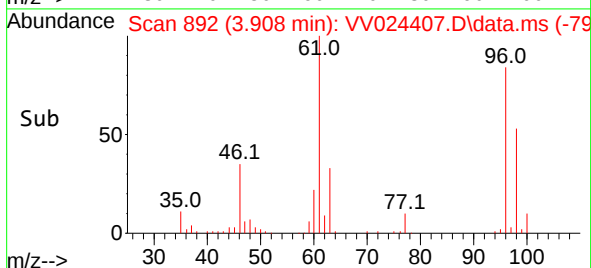
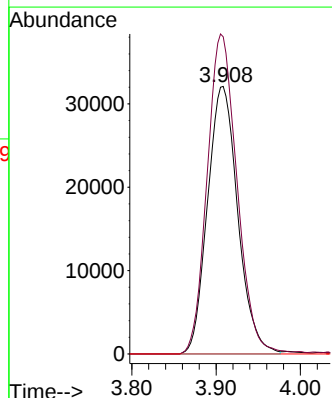
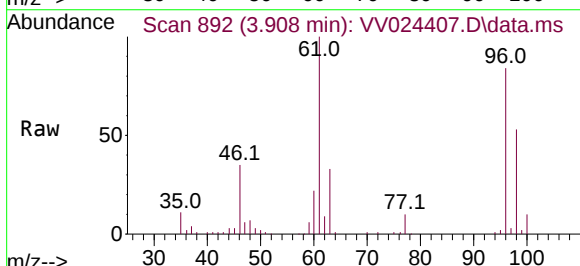
Tgt Ion: 96 Resp: 80100

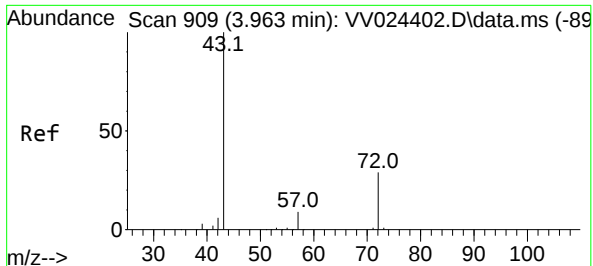
Ion Ratio Lower Upper

96 100

61 118.6 82.9 153.9

68 0.0 0.0 0.0

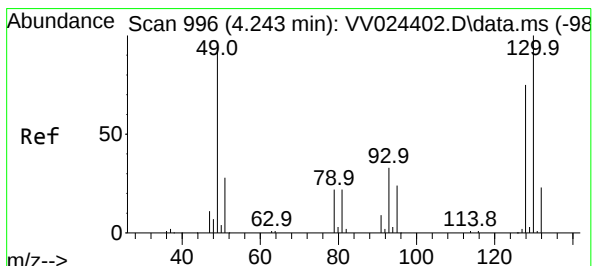
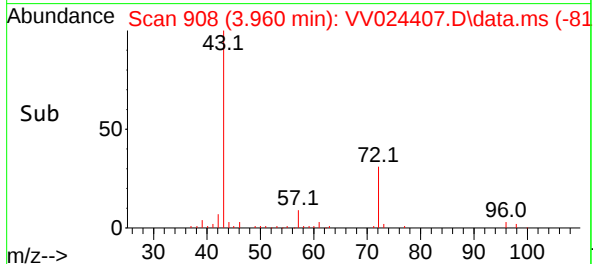
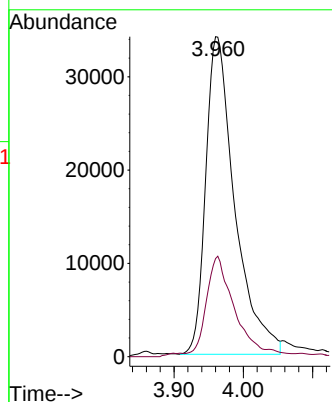
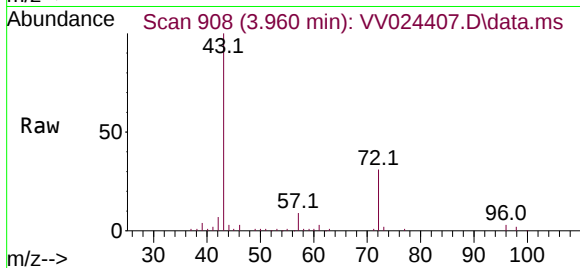




#22
2-Butanone
Concen: 100.757 ug/L
RT: 3.960 min Scan# 909
Delta R.T. -0.003 min
Lab File: VV024407.D
Acq: 19 Jan 2022 16:18

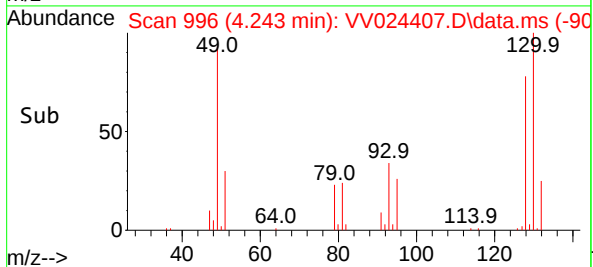
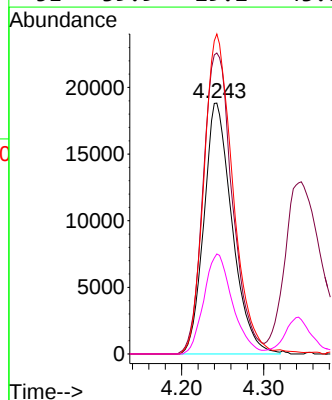
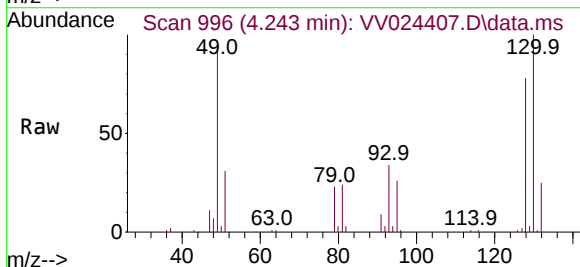
Instrument :
MSVOA_V
ClientSampleId :

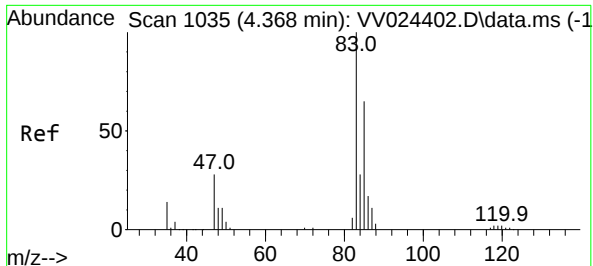
Tgt Ion: 43 Resp: 99227
Ion Ratio Lower Upper
43 100
72 28.0 14.9 44.9



#23
Bromochloromethane
Concen: 49.643 ug/L
RT: 4.243 min Scan# 996
Delta R.T. 0.000 min
Lab File: VV024407.D
Acq: 19 Jan 2022 16:18

Tgt Ion:128 Resp: 44904
Ion Ratio Lower Upper
128 100
49 119.9 83.1 154.3
130 127.5 87.0 161.6
51 39.9 29.2 43.8





#25

Chloroform

Concen: 49.636 ug/L

RT: 4.368 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV024407.D

Acq: 19 Jan 2022 16:18

Instrument :

MSVOA_V

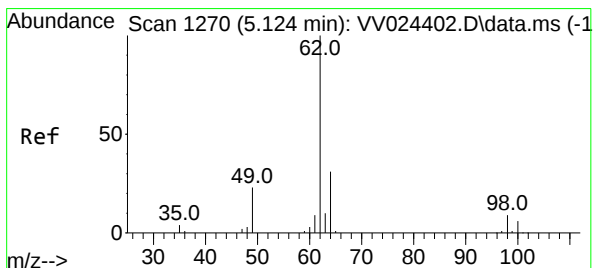
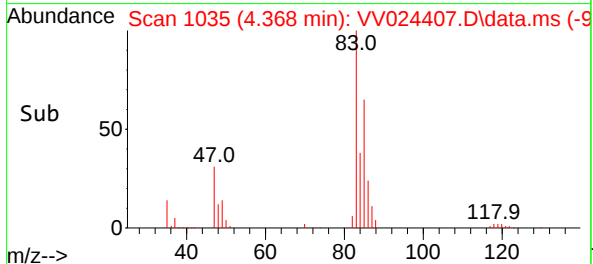
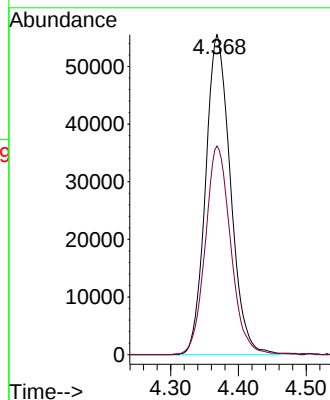
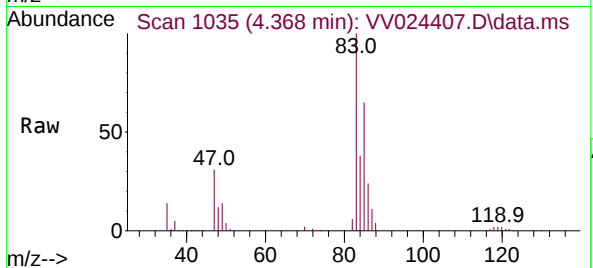
ClientSampleId :

Tgt Ion: 83 Resp: 141489

Ion Ratio Lower Upper

83 100

85 65.2 46.3 85.9



#27

1,2-Dichloroethane

Concen: 49.376 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VV024407.D

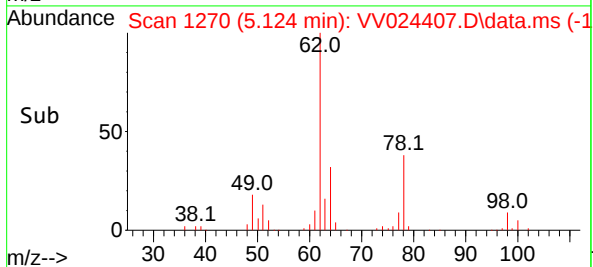
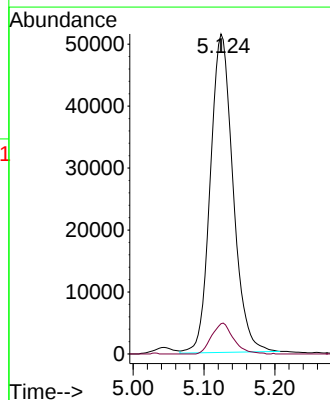
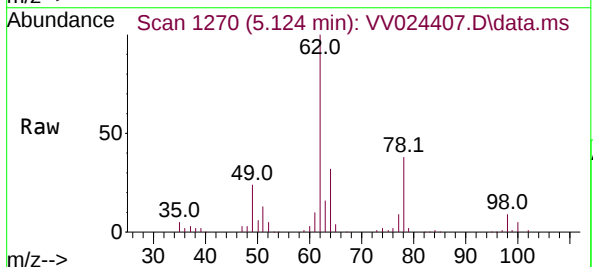
Acq: 19 Jan 2022 16:18

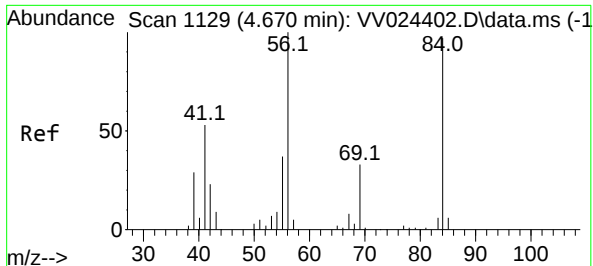
Tgt Ion: 62 Resp: 114479

Ion Ratio Lower Upper

62 100

98 9.4 7.1 10.7

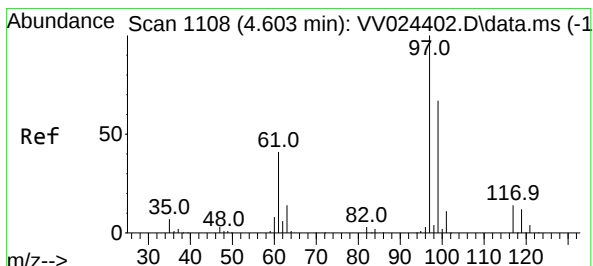
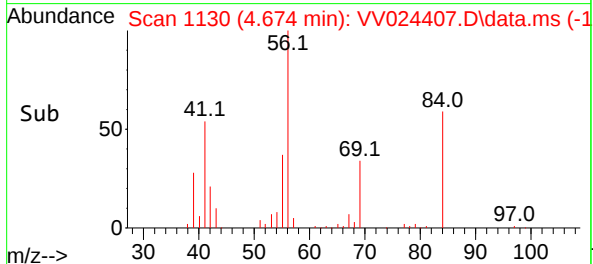
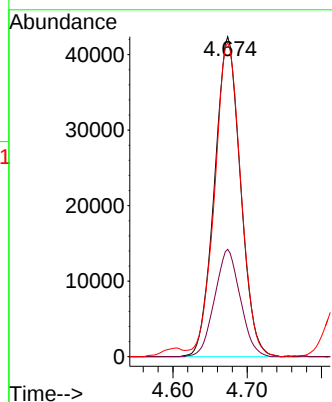
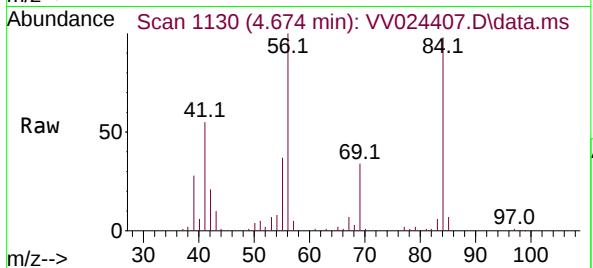




#29
Cyclohexane
Concen: 52.813 ug/L
RT: 4.674 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VV024407.D
Acq: 19 Jan 2022 16:18

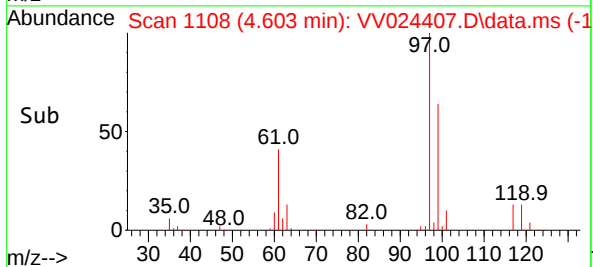
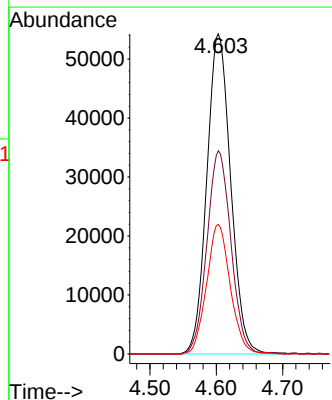
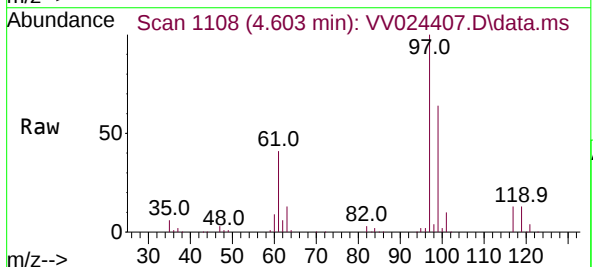
Instrument :
MSVOA_V
ClientSampleId :

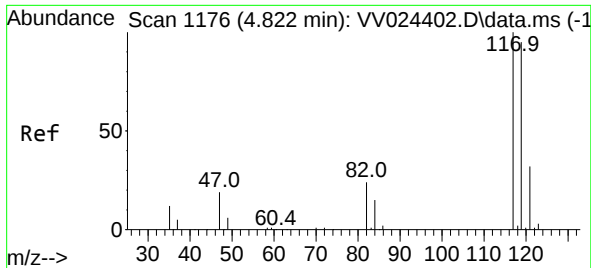
Tgt Ion: 56 Resp: 103011
Ion Ratio Lower Upper
56 100
69 33.1 25.8 38.6
84 99.0 79.1 118.7



#30
1,1,1-Trichloroethane
Concen: 50.654 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VV024407.D
Acq: 19 Jan 2022 16:18

Tgt Ion: 97 Resp: 135990
Ion Ratio Lower Upper
97 100
99 63.7 51.2 76.8
61 39.9 33.2 49.8

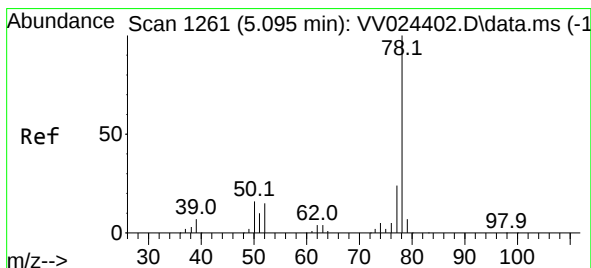
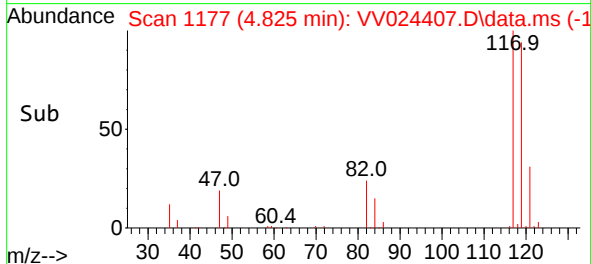
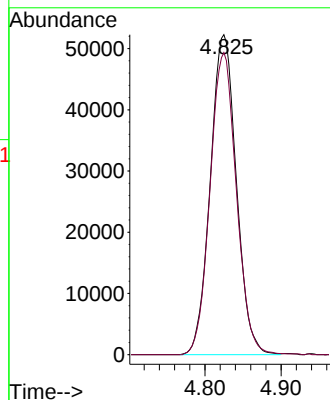
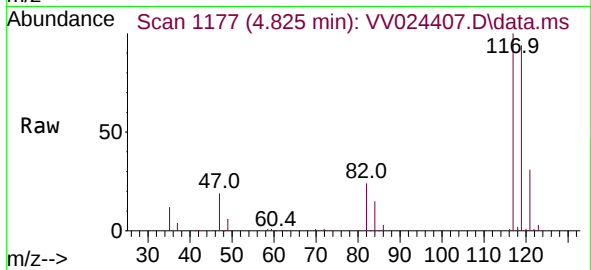




#31
Carbon tetrachloride
Concen: 49.939 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV024407.D
Acq: 19 Jan 2022 16:18

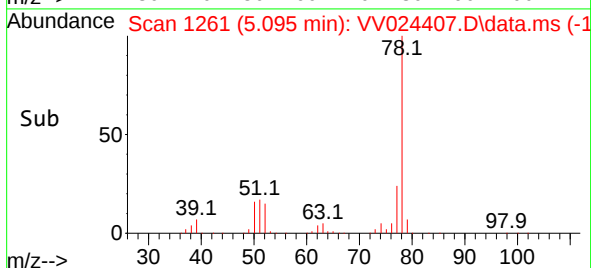
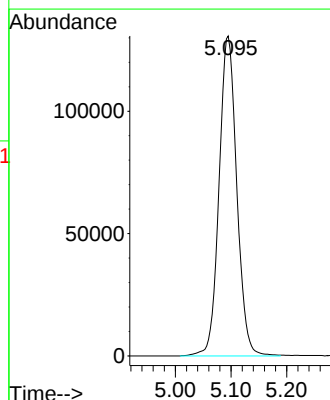
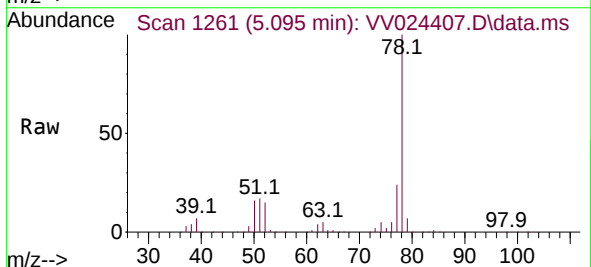
Instrument :
MSVOA_V
ClientSampleId :

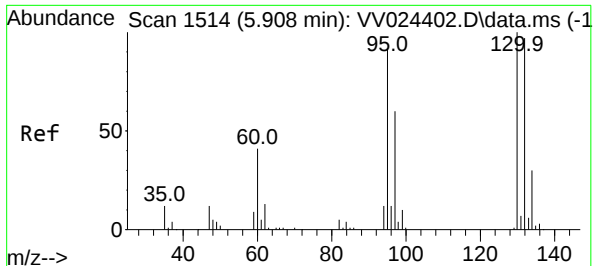
Tgt Ion:117 Resp: 124382
Ion Ratio Lower Upper
117 100
119 95.5 76.9 115.3



#33
Benzene
Concen: 52.136 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV024407.D
Acq: 19 Jan 2022 16:18

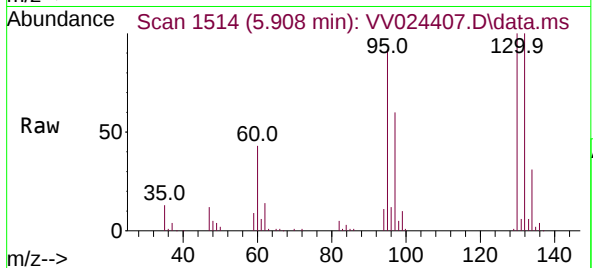
Tgt Ion: 78 Resp: 289257



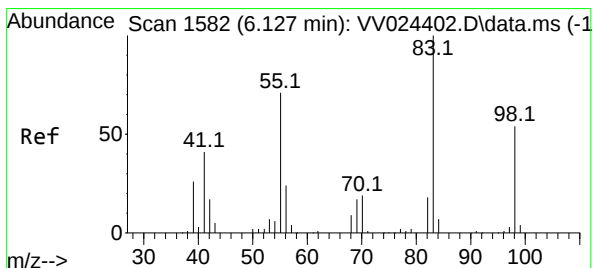
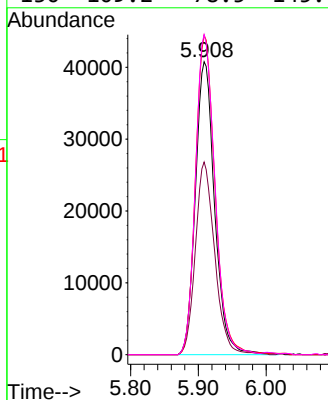
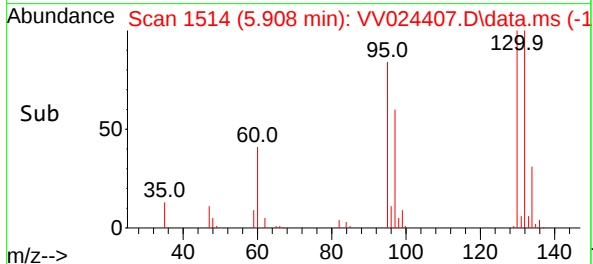


#34
Trichloroethene
Concen: 52.742 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV024407.D
Acq: 19 Jan 2022 16:18

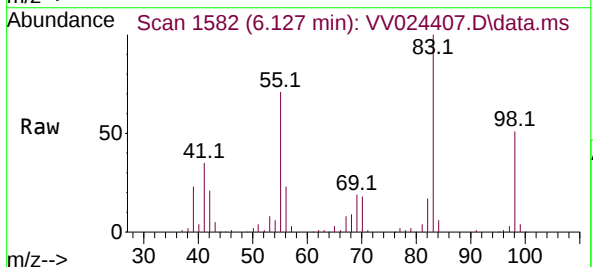
Instrument :
MSVOA_V
ClientSampleId :



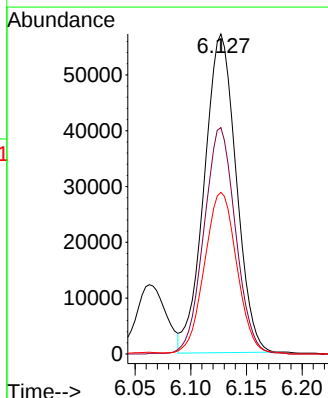
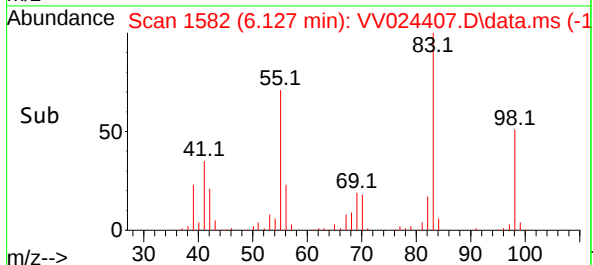
Tgt Ion: 95 Resp: 80693
Ion Ratio Lower Upper
95 100
97 65.8 44.1 81.9
132 109.1 75.1 139.5
130 109.2 78.5 145.7

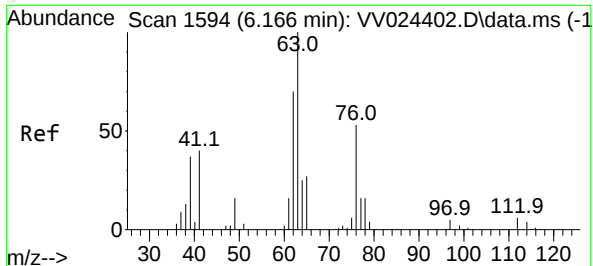


#35
Methylcyclohexane
Concen: 50.127 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV024407.D
Acq: 19 Jan 2022 16:18



Tgt Ion: 83 Resp: 113741
Ion Ratio Lower Upper
83 100
55 70.5 55.6 83.4
98 51.7 41.3 61.9





#37

1,2-Dichloropropane

Concen: 53.064 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024407.D

Acq: 19 Jan 2022 16:18

Instrument :

MSVOA_V

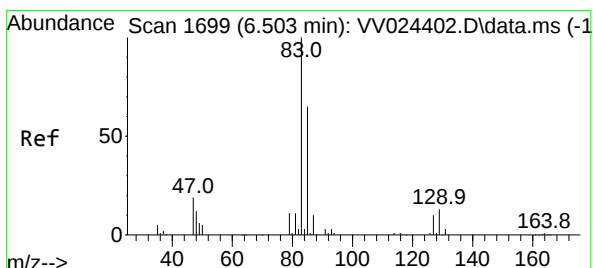
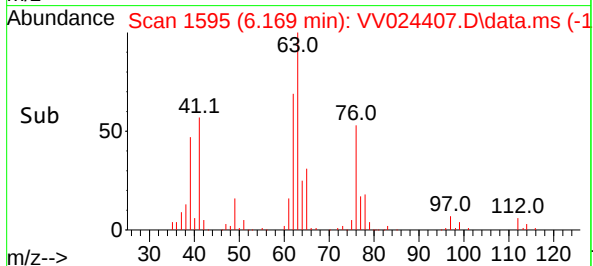
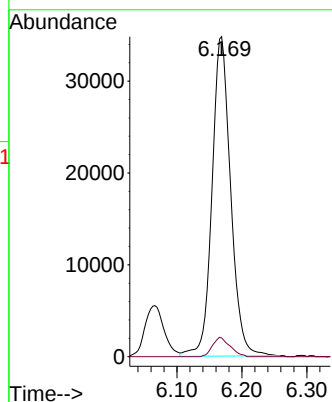
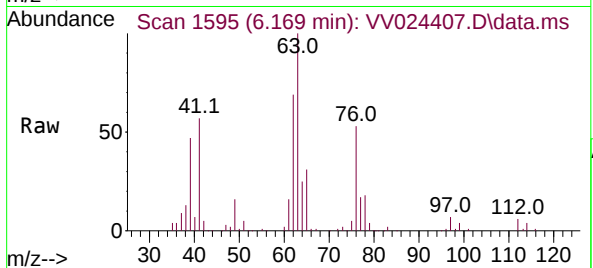
ClientSampleId :

Tgt Ion: 63 Resp: 69247

Ion Ratio Lower Upper

63 100

112 5.7 4.7 7.1



#38

Bromodichloromethane

Concen: 52.542 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VV024407.D

Acq: 19 Jan 2022 16:18

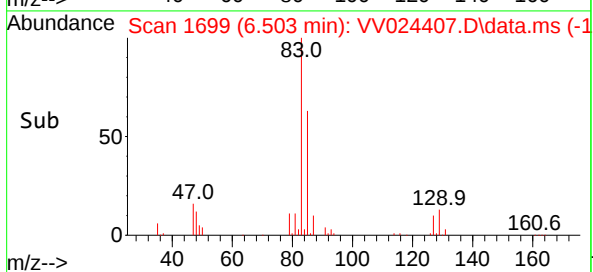
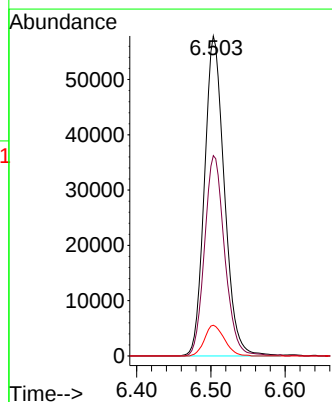
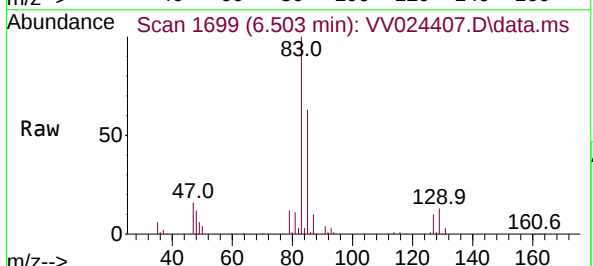
Tgt Ion: 83 Resp: 107594

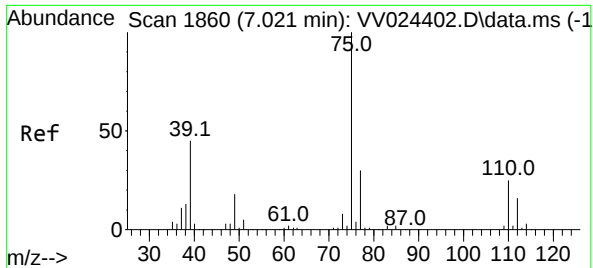
Ion Ratio Lower Upper

83 100

85 62.6 45.2 84.0

127 9.6 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 53.075 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. 0.000 min

Lab File: VV024407.D

Acq: 19 Jan 2022 16:18

Instrument :

MSVOA_V

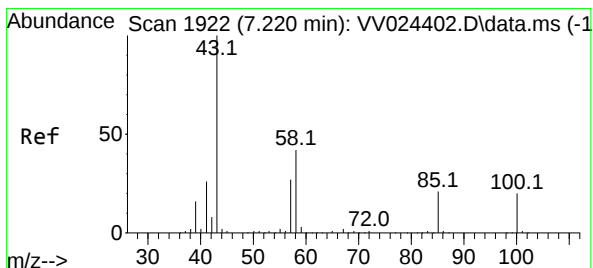
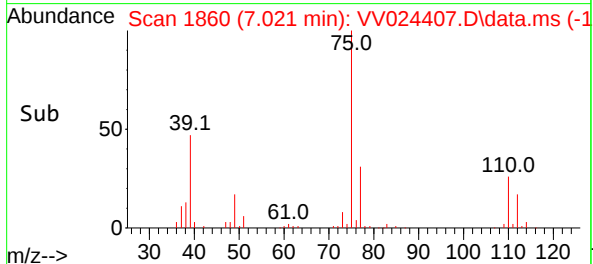
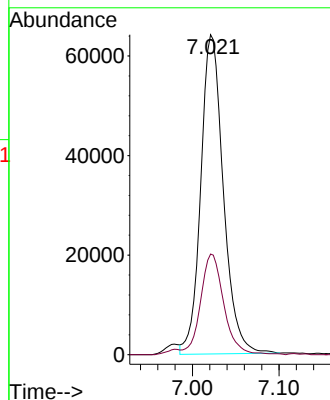
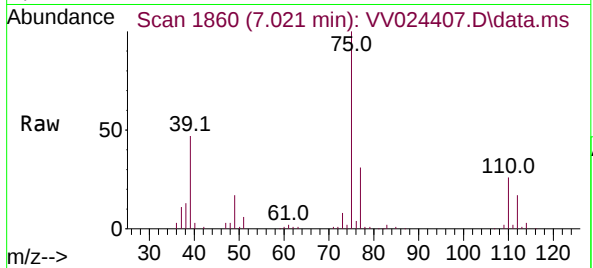
ClientSampleId :

Tgt Ion: 75 Resp: 116427

Ion Ratio Lower Upper

75 100

77 31.4 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 104.359 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. 0.000 min

Lab File: VV024407.D

Acq: 19 Jan 2022 16:18

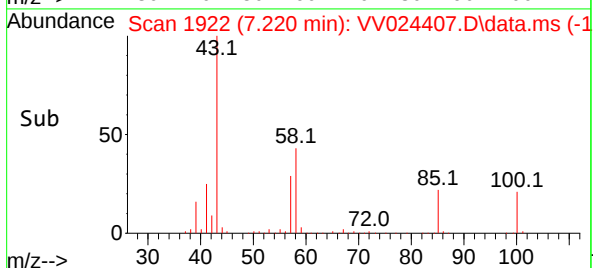
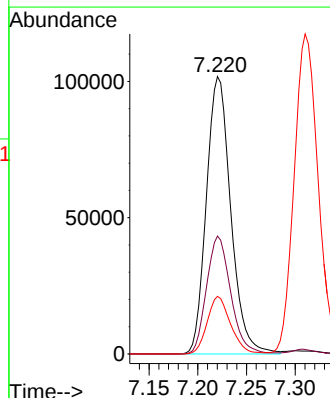
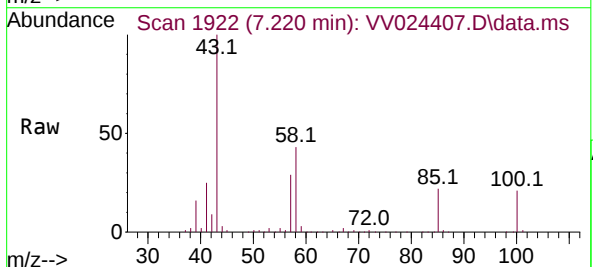
Tgt Ion: 43 Resp: 177585

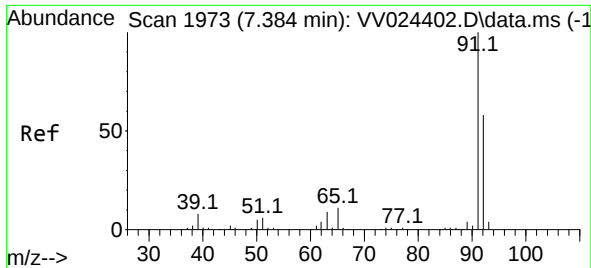
Ion Ratio Lower Upper

43 100

58 42.0 33.0 49.4

100 19.9 16.0 24.0





#42

Toluene

Concen: 52.514 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV024407.D

Acq: 19 Jan 2022 16:18

Instrument :

MSVOA_V

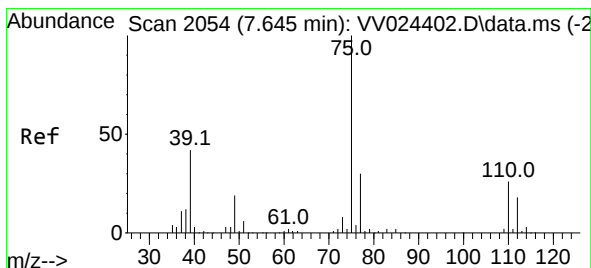
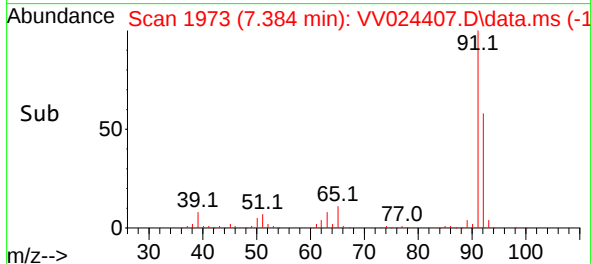
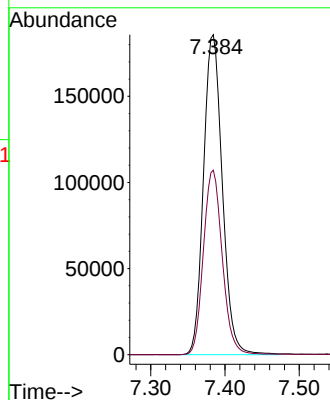
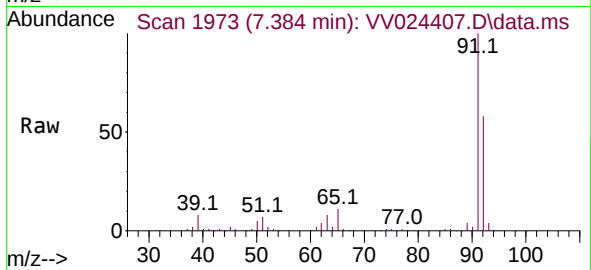
ClientSampleId :

Tgt Ion: 91 Resp: 327051

Ion Ratio Lower Upper

91 100

92 57.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 54.195 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VV024407.D

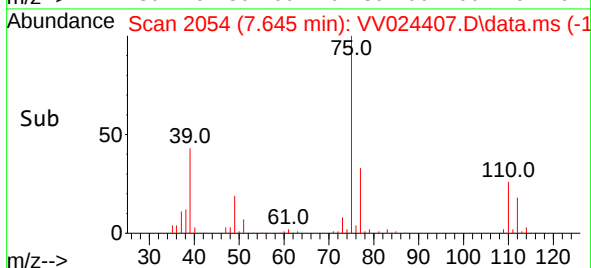
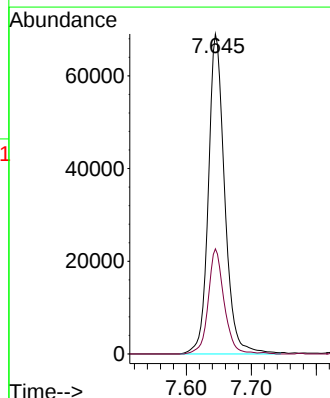
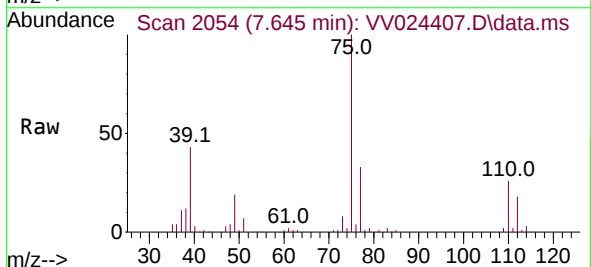
Acq: 19 Jan 2022 16:18

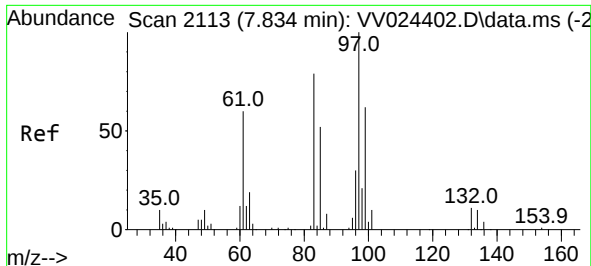
Tgt Ion: 75 Resp: 120596

Ion Ratio Lower Upper

75 100

77 32.9 22.7 42.1



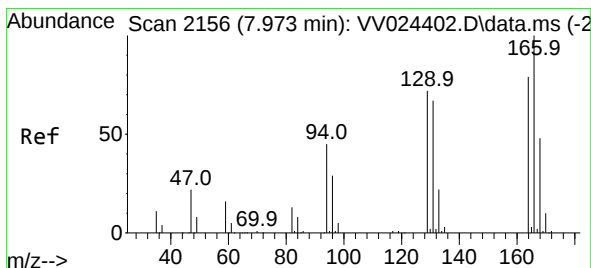
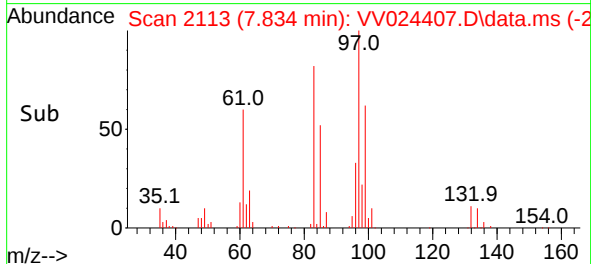
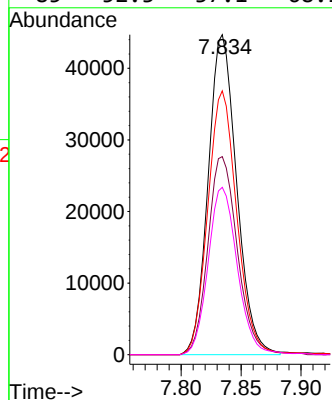
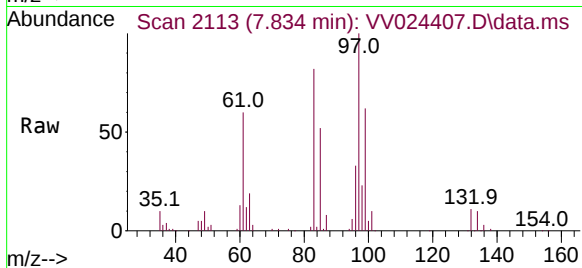


#45
1,1,2-Trichloroethane
Concen: 50.497 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VV024407.D
Acq: 19 Jan 2022 16:18

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 73874

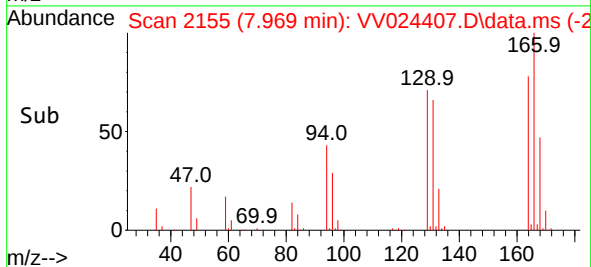
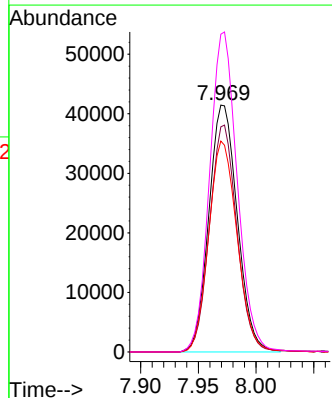
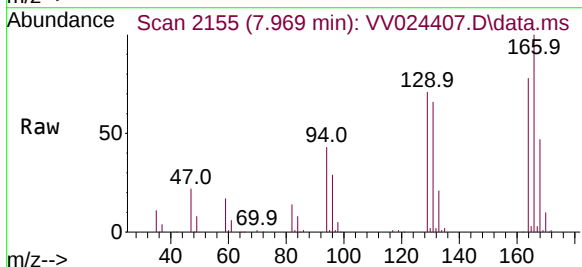
Ion	Ratio	Lower	Upper
97	100		
99	61.9	42.4	78.8
83	82.5	57.9	107.5
85	52.3	37.1	68.9

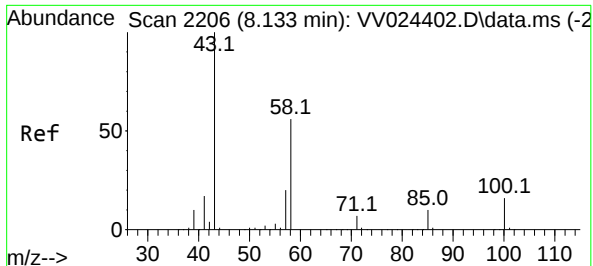


#46
Tetrachloroethene
Concen: 51.060 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.003 min
Lab File: VV024407.D
Acq: 19 Jan 2022 16:18

Tgt Ion: 164 Resp: 71104

Ion	Ratio	Lower	Upper
164	100		
129	91.2	61.5	114.1
131	85.4	62.2	115.4
166	128.7	89.9	166.9

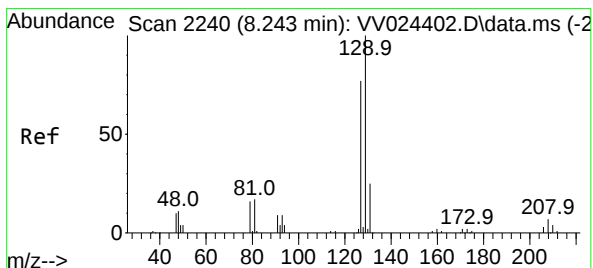
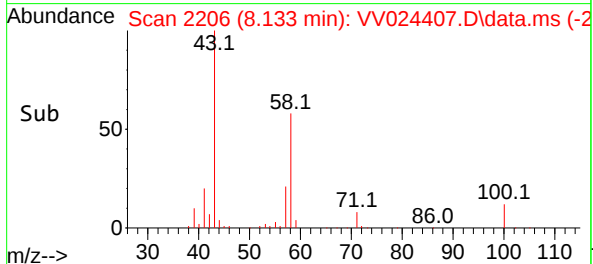
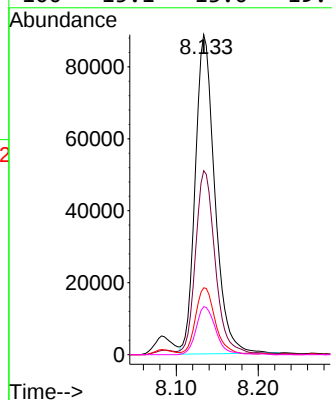
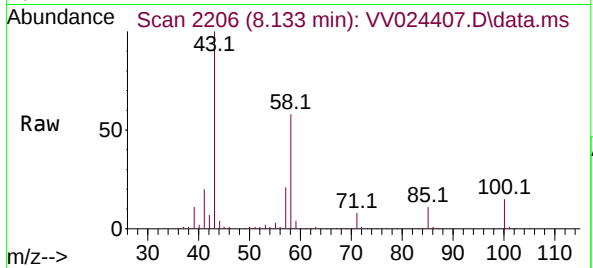




#48
2-Hexanone
Concen: 107.625 ug/L
RT: 8.133 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024407.D
Acq: 19 Jan 2022 16:18

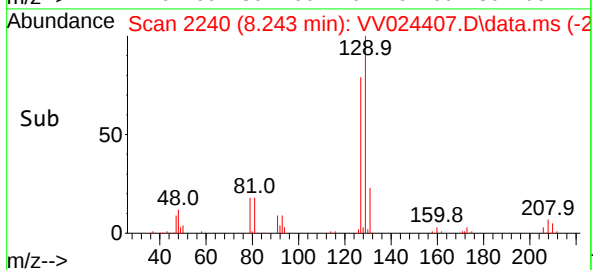
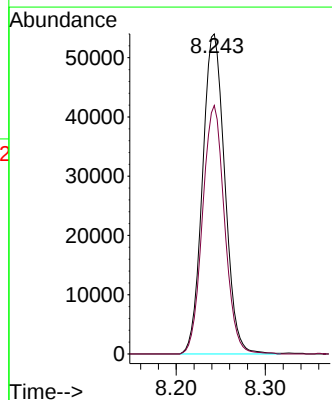
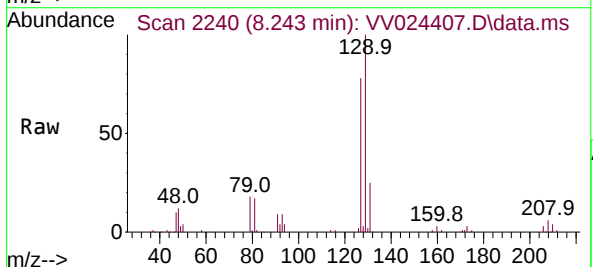
Instrument :
MSVOA_V
ClientSampleId :

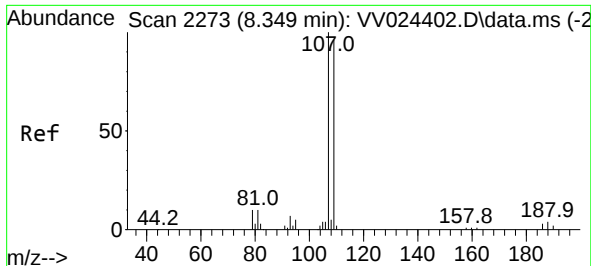
Tgt Ion: 43 Resp: 147098
Ion Ratio Lower Upper
43 100
58 57.0 45.0 67.4
57 20.5 16.9 25.3
100 15.1 13.0 19.4



#49
Dibromochloromethane
Concen: 51.195 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV024407.D
Acq: 19 Jan 2022 16:18

Tgt Ion:129 Resp: 93880
Ion Ratio Lower Upper
129 100
127 77.6 53.7 99.7





#50

1,2-Dibromoethane

Concen: 51.867 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV024407.D

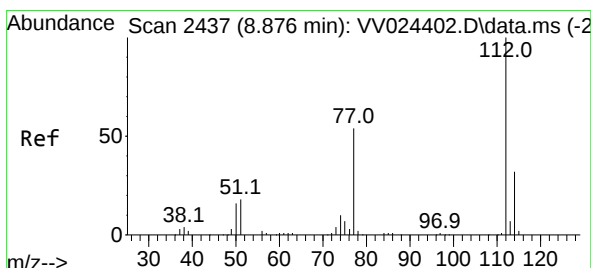
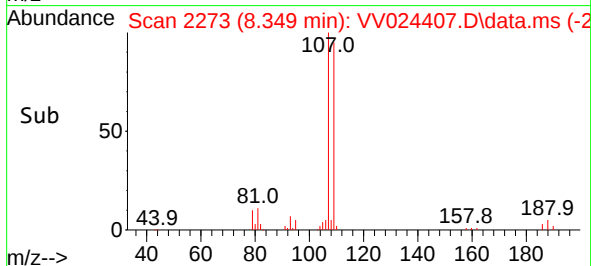
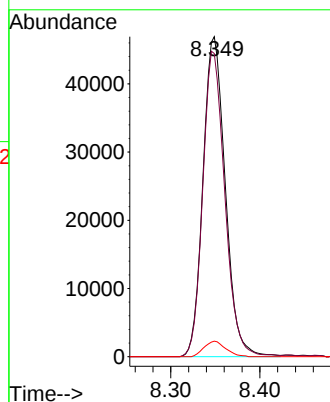
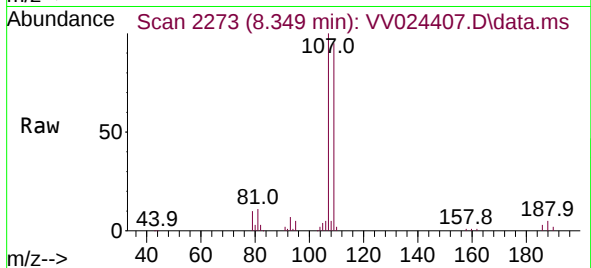
Acq: 19 Jan 2022 16:18

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	81500
Ion	Ratio	Lower Upper
107	100	
109	94.7	65.8 122.2
188	4.9	3.8 5.6



#51

Chlorobenzene

Concen: 51.274 ug/L

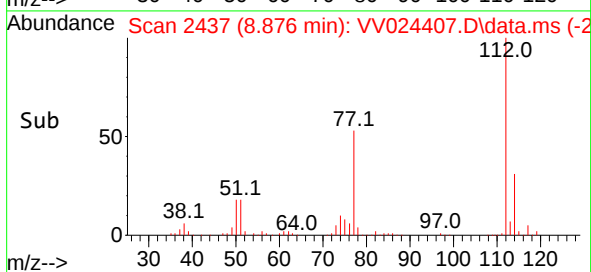
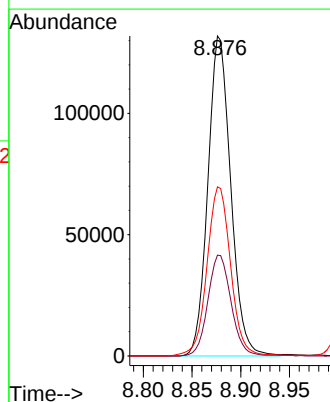
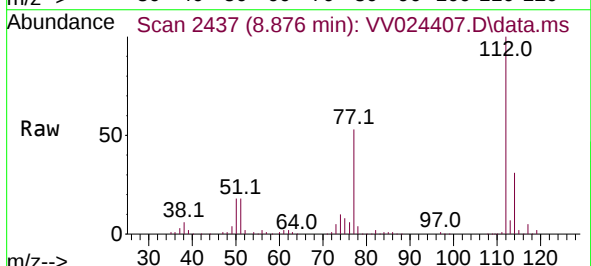
RT: 8.876 min Scan# 2437

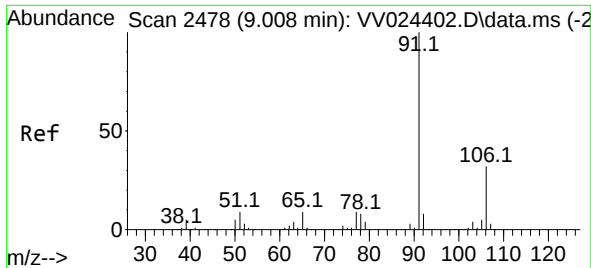
Delta R.T. 0.000 min

Lab File: VV024407.D

Acq: 19 Jan 2022 16:18

Tgt Ion:112	Resp:	215085
Ion	Ratio	Lower Upper
112	100	
114	31.5	22.3 41.5
77	52.9	42.8 64.2

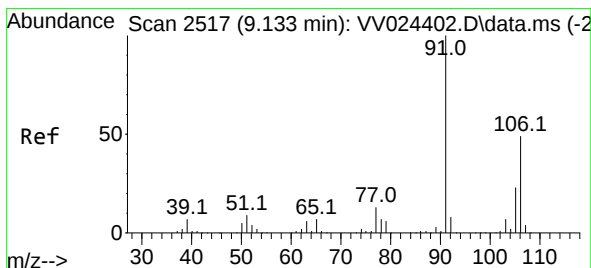
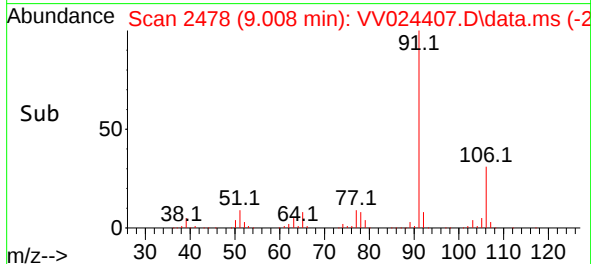
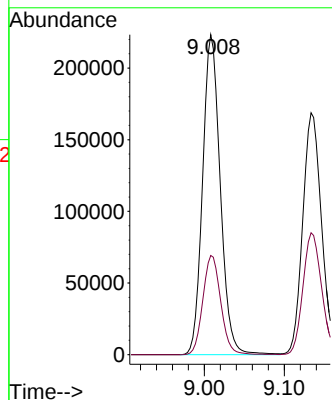
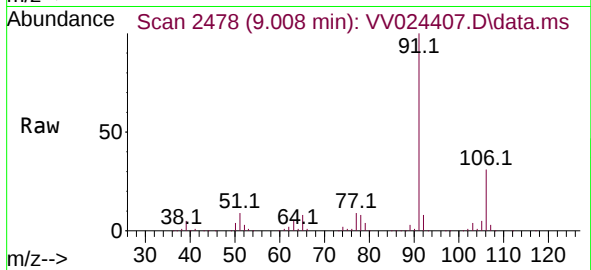




#52
Ethylbenzene
Concen: 51.748 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV024407.D
Acq: 19 Jan 2022 16:18

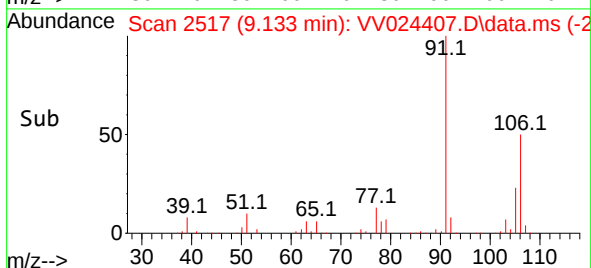
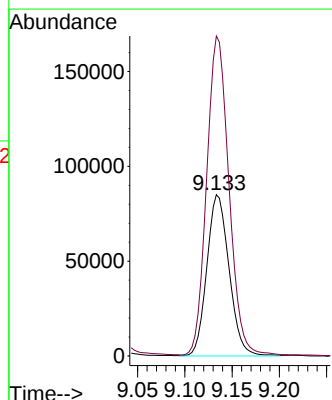
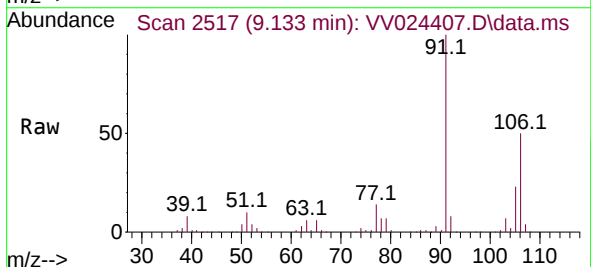
Instrument :
MSVOA_V
ClientSampleId :

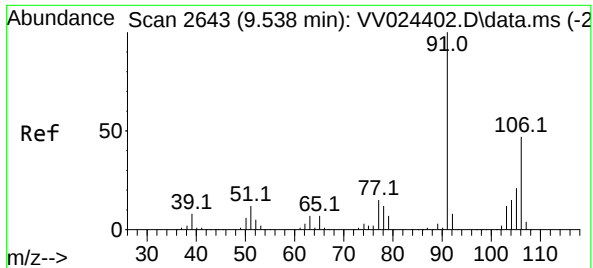
Tgt Ion: 91 Resp: 344303
Ion Ratio Lower Upper
91 100
106 31.0 22.0 41.0



#53
m,p-Xylene
Concen: 52.234 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.000 min
Lab File: VV024407.D
Acq: 19 Jan 2022 16:18

Tgt Ion: 106 Resp: 139304
Ion Ratio Lower Upper
106 100
91 198.3 141.8 263.4

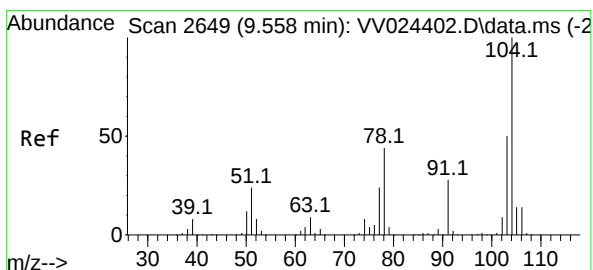
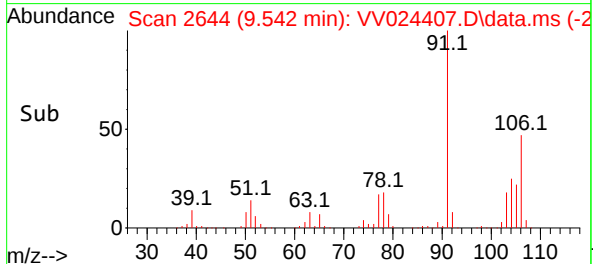
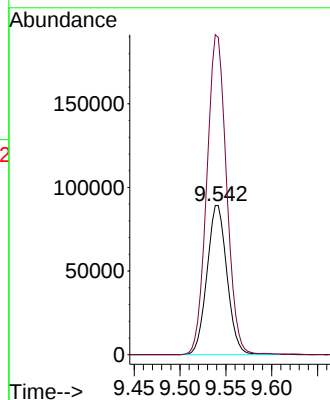
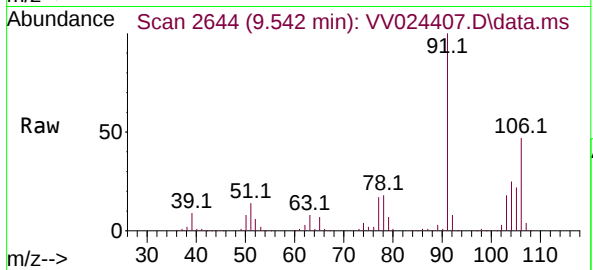




#54
o-Xylene
Concen: 53.213 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV024407.D
Acq: 19 Jan 2022 16:18

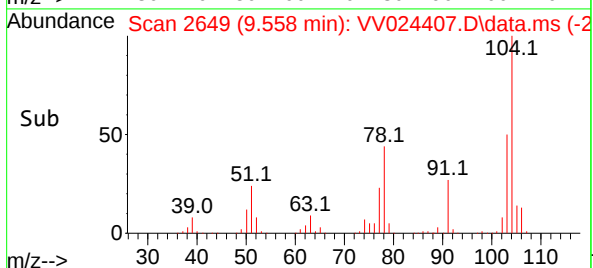
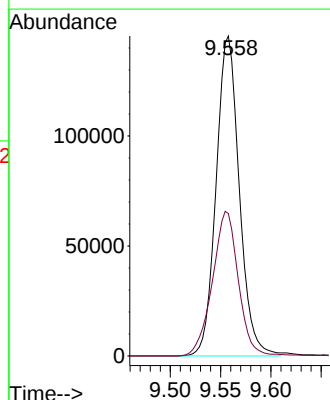
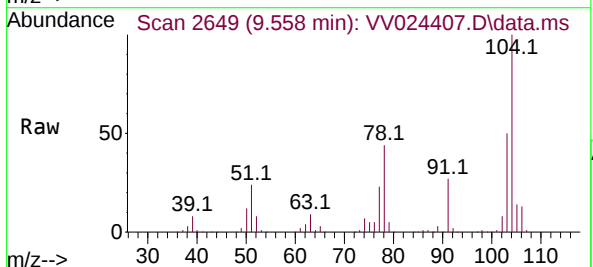
Instrument :
MSVOA_V
ClientSampleId :

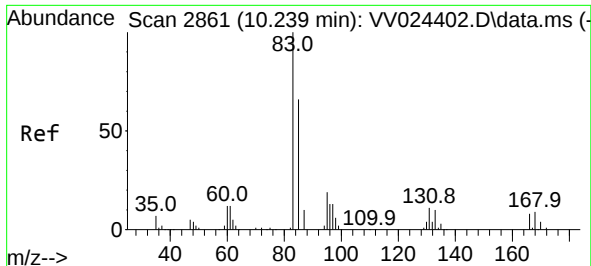
Tgt Ion:106 Resp: 135471
Ion Ratio Lower Upper
106 100
91 212.8 150.9 280.3



#55
Styrene
Concen: 52.736 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV024407.D
Acq: 19 Jan 2022 16:18

Tgt Ion:104 Resp: 233146
Ion Ratio Lower Upper
104 100
78 44.5 31.5 58.5





#57

1,1,2-Tetrachloroethane

Concen: 47.832 ug/L

RT: 10.236 min Scan# 2861

Delta R.T. -0.003 min

Lab File: VV024407.D

Acq: 19 Jan 2022 16:18

Instrument :

MSVOA_V

ClientSampleId :

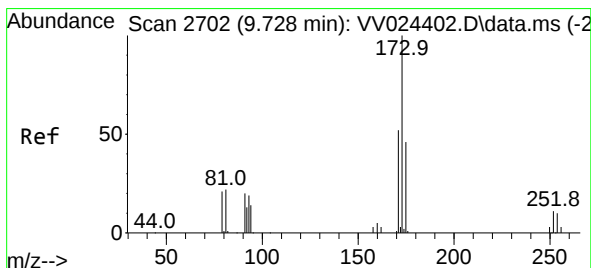
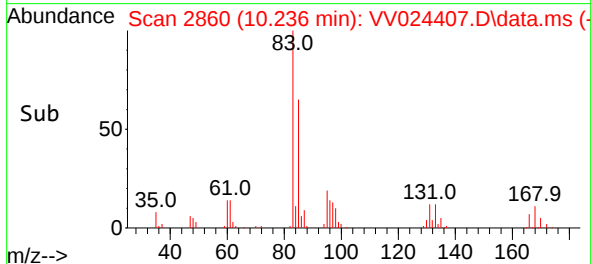
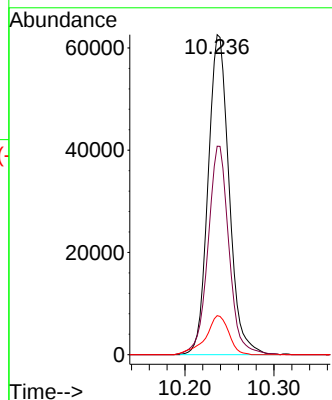
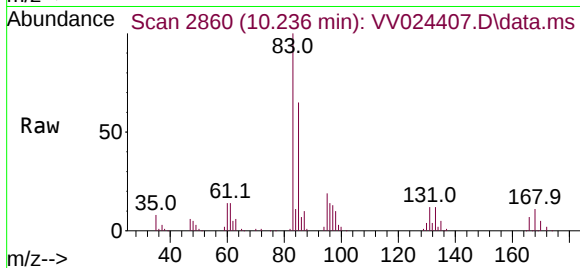
Tgt Ion: 83 Resp: 102178

Ion Ratio Lower Upper

83 100

85 65.2 44.5 82.7

131 12.2 9.2 13.8



#59

Bromoform

Concen: 48.771 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. 0.000 min

Lab File: VV024407.D

Acq: 19 Jan 2022 16:18

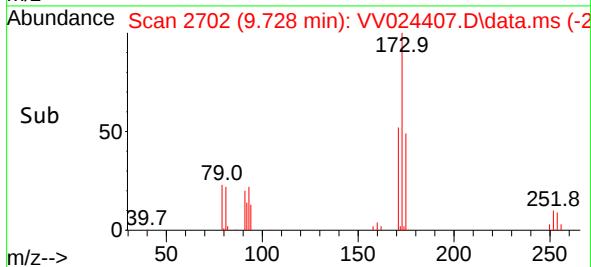
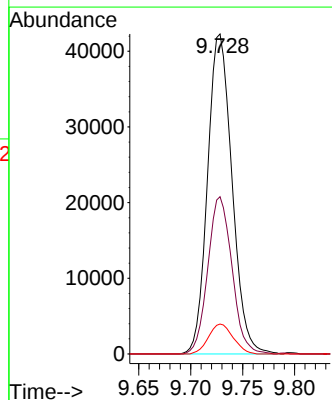
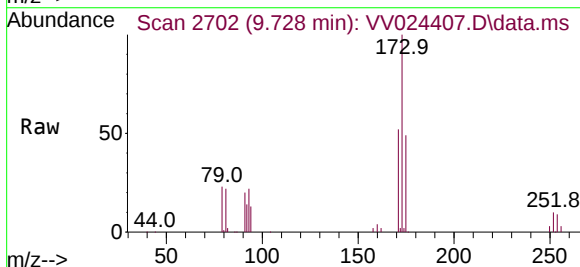
Tgt Ion: 173 Resp: 69320

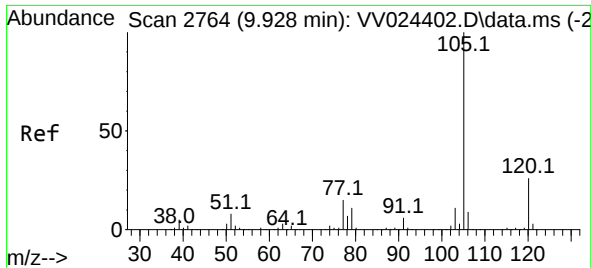
Ion Ratio Lower Upper

173 100

175 48.4 39.4 59.2

254 9.4 7.8 11.6

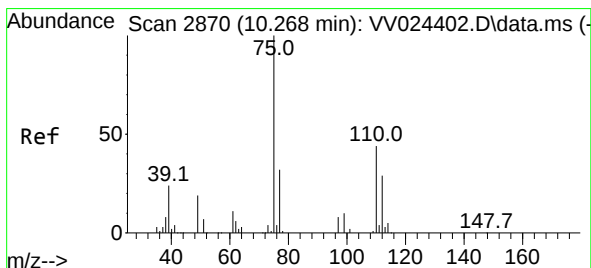
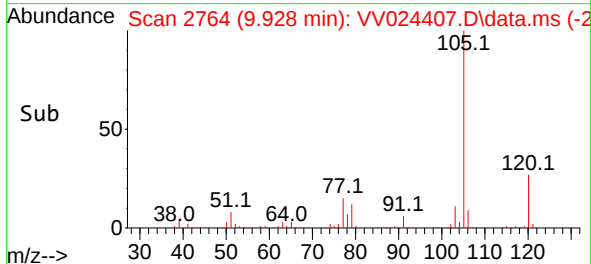
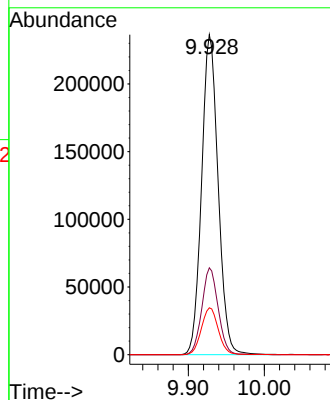
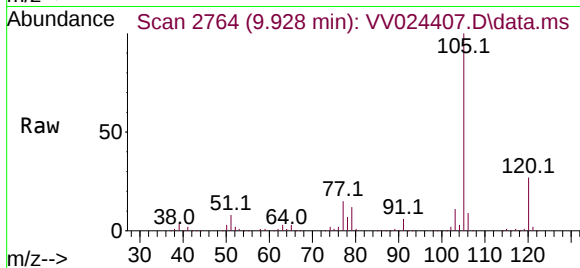




#60
Isopropylbenzene
Concen: 51.775 ug/L
RT: 9.928 min Scan# 2764
Delta R.T. 0.000 min
Lab File: VV024407.D
Acq: 19 Jan 2022 16:18

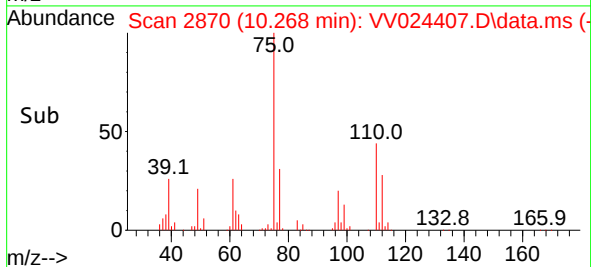
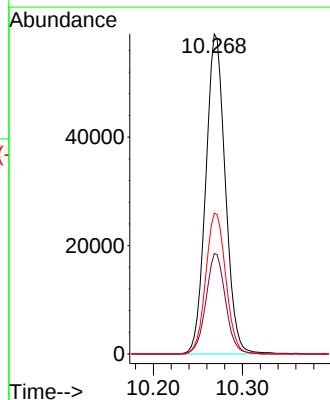
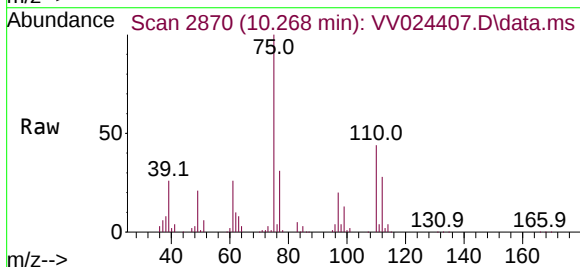
Instrument :
MSVOA_V
ClientSampleId :

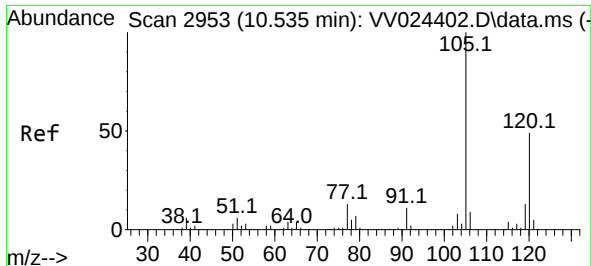
Tgt Ion:105 Resp: 357112
Ion Ratio Lower Upper
105 100
120 26.8 21.9 32.9
77 15.0 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 49.121 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.000 min
Lab File: VV024407.D
Acq: 19 Jan 2022 16:18

Tgt Ion: 75 Resp: 89907
Ion Ratio Lower Upper
75 100
77 31.4 26.9 40.3
110 45.0 37.1 55.7





#62

1,3,5-Trimethylbenzene

Concen: 51.907 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV024407.D

Acq: 19 Jan 2022 16:18

Instrument :

MSVOA_V

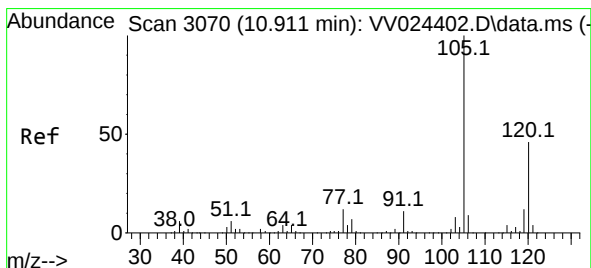
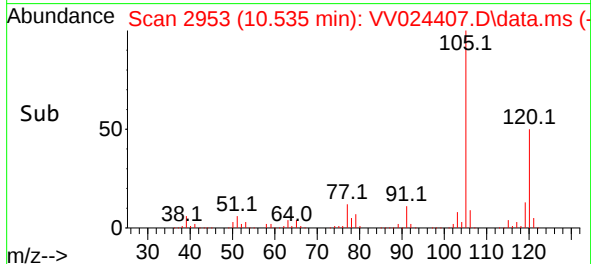
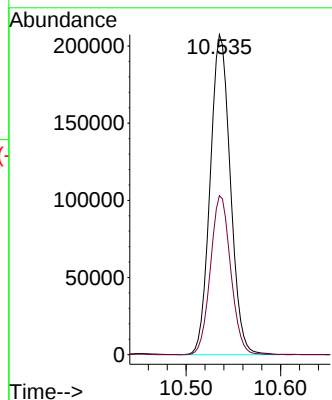
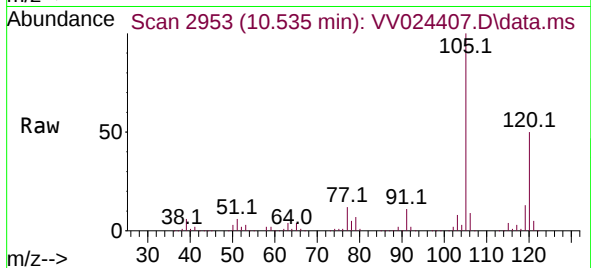
ClientSampleId :

Tgt Ion:105 Resp: 307970

Ion Ratio Lower Upper

105 100

120 49.8 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 52.824 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV024407.D

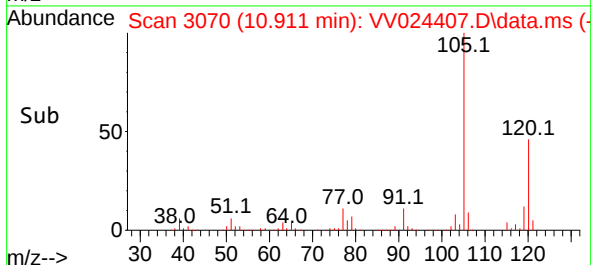
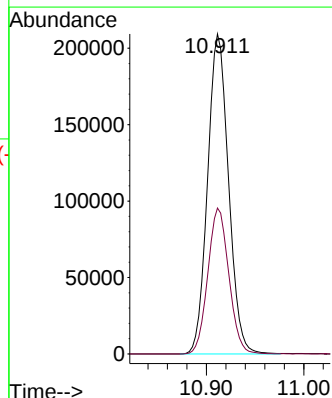
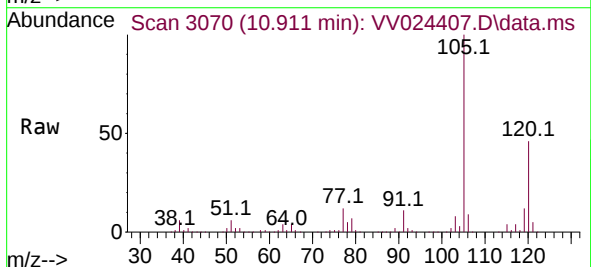
Acq: 19 Jan 2022 16:18

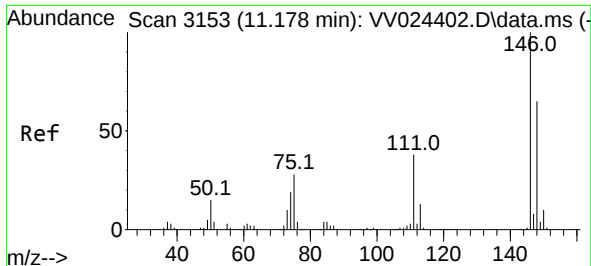
Tgt Ion:105 Resp: 312885

Ion Ratio Lower Upper

105 100

120 45.7 36.6 55.0

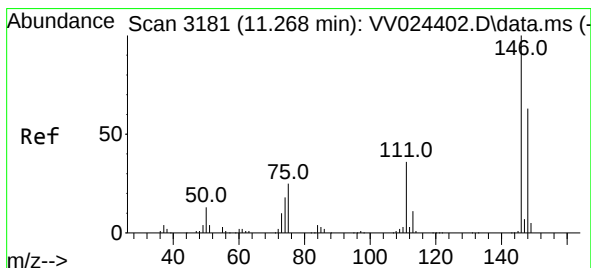
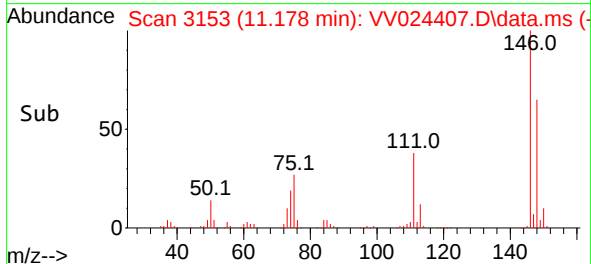
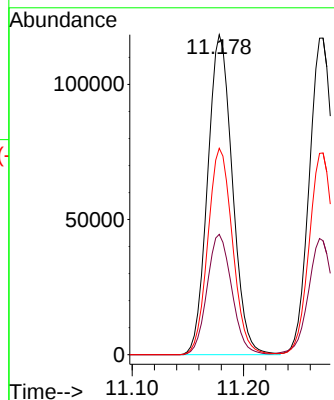
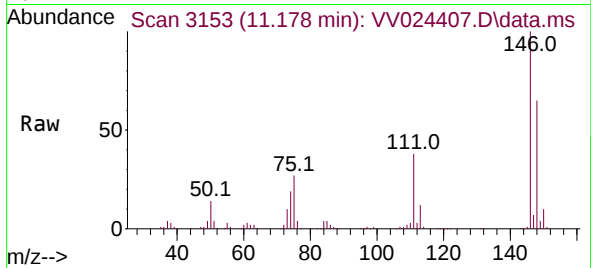




#64
1,3-Dichlorobenzene
Concen: 51.464 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024407.D
Acq: 19 Jan 2022 16:18

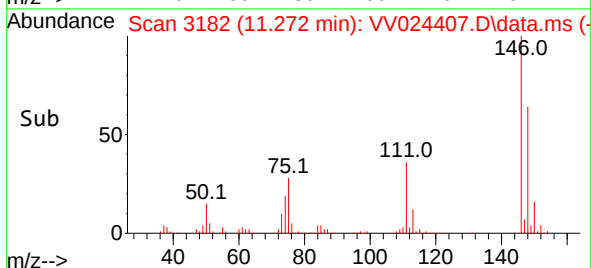
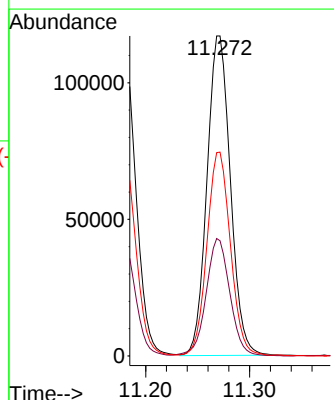
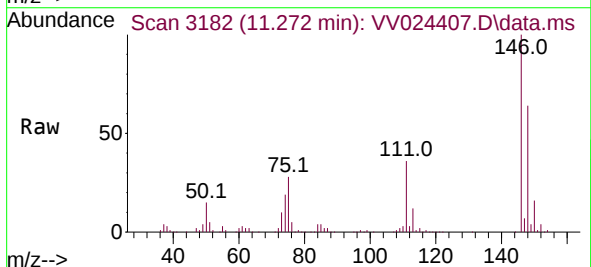
Instrument :
MSVOA_V
ClientSampleId :

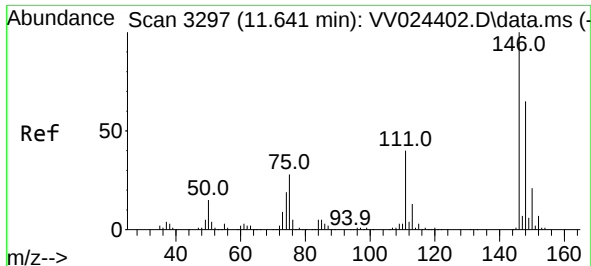
Tgt Ion:146 Resp: 183023
Ion Ratio Lower Upper
146 100
111 37.6 26.5 49.3
148 64.5 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 49.889 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV024407.D
Acq: 19 Jan 2022 16:18

Tgt Ion:146 Resp: 182972
Ion Ratio Lower Upper
146 100
111 36.0 26.5 49.3
148 63.7 44.9 83.5

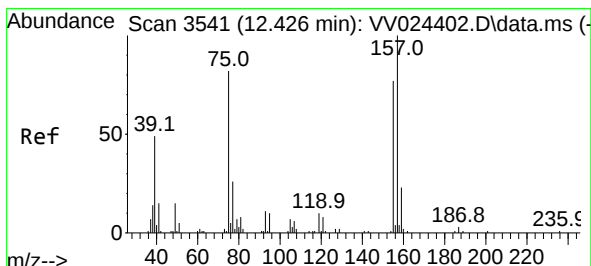
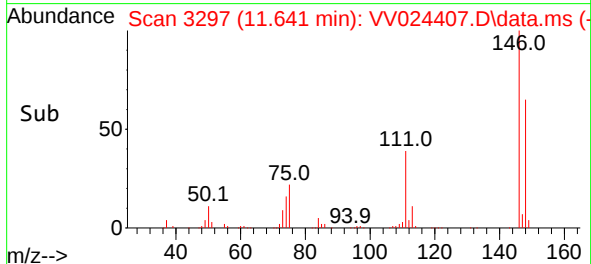
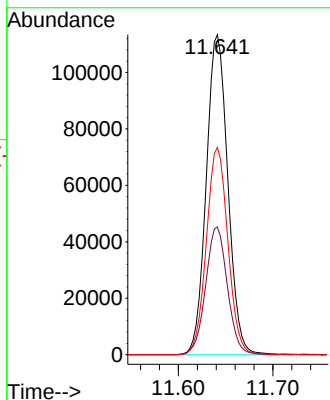
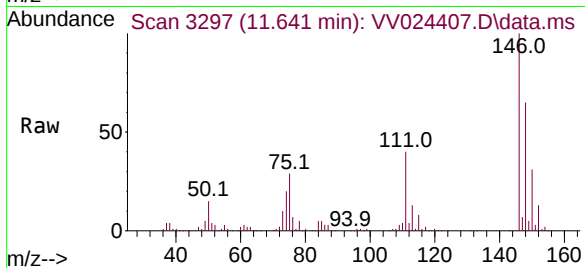




#67
1,2-Dichlorobenzene
Concen: 49.081 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV024407.D
Acq: 19 Jan 2022 16:18

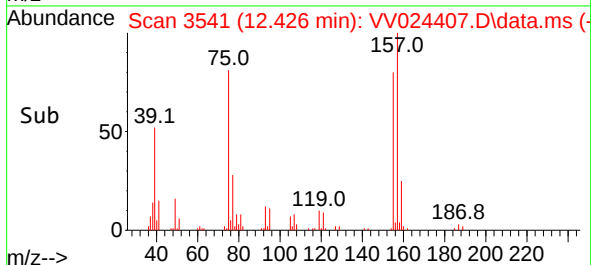
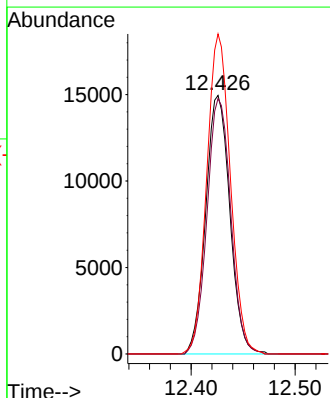
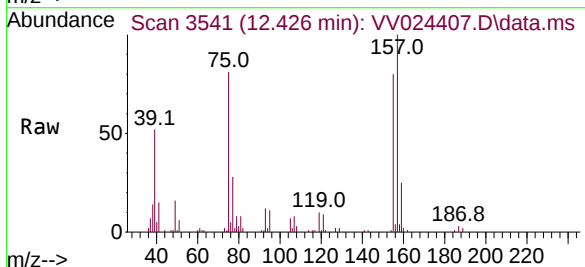
Instrument :
MSVOA_V
ClientSampleId :

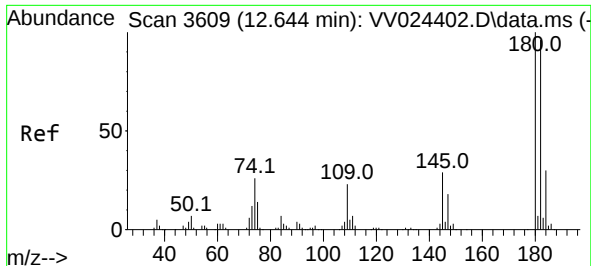
Tgt Ion:146 Resp: 179896
Ion Ratio Lower Upper
146 100
111 39.9 32.0 48.0
148 64.8 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 45.773 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV024407.D
Acq: 19 Jan 2022 16:18

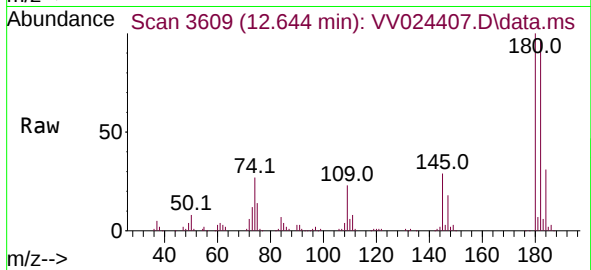
Tgt Ion: 75 Resp: 24129
Ion Ratio Lower Upper
75 100
155 98.7 73.2 109.8
157 123.7 98.5 147.7



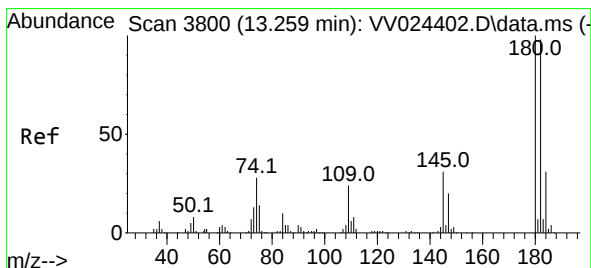
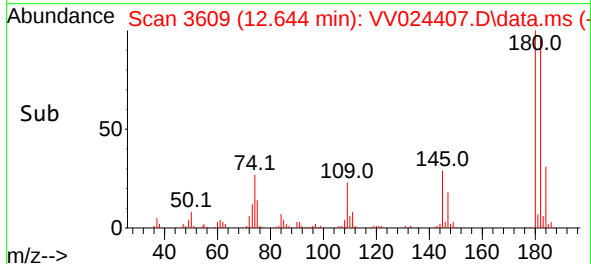
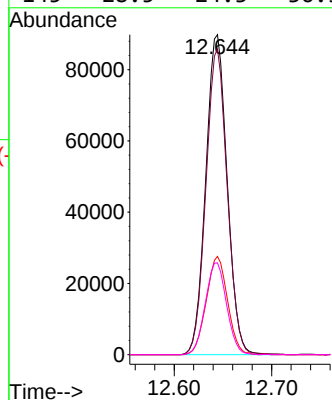


#69
1,3,5-Trichlorobenzene
Concen: 50.147 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. 0.000 min
Lab File: VV024407.D
Acq: 19 Jan 2022 16:18

Instrument :
MSVOA_V
ClientSampleId :

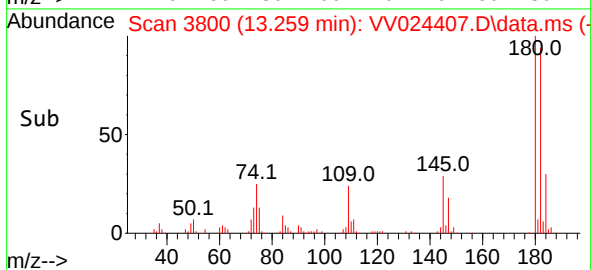
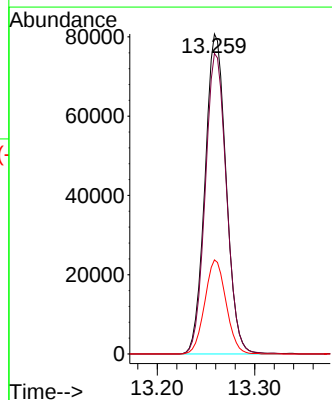
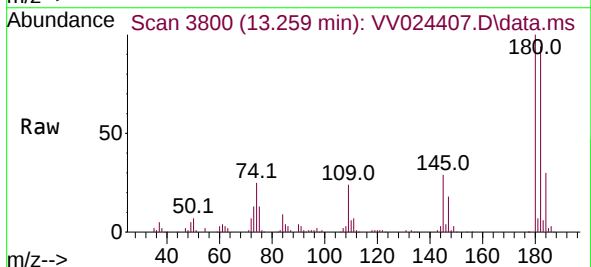


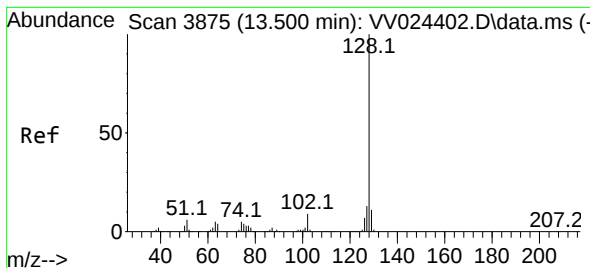
Tgt Ion:180 Resp: 137178
Ion Ratio Lower Upper
180 100
182 95.0 75.4 113.2
184 30.5 24.7 37.1
145 28.5 24.3 36.5



#70
1,2,4-trichlorobenzene
Concen: 51.967 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VV024407.D
Acq: 19 Jan 2022 16:18

Tgt Ion:180 Resp: 121576
Ion Ratio Lower Upper
180 100
182 94.2 75.6 113.4
145 29.6 23.9 35.9





#71

Naphthalene

Concen: 49.702 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV024407.D

Acq: 19 Jan 2022 16:18

Instrument :

MSVOA_V

ClientSampleId :

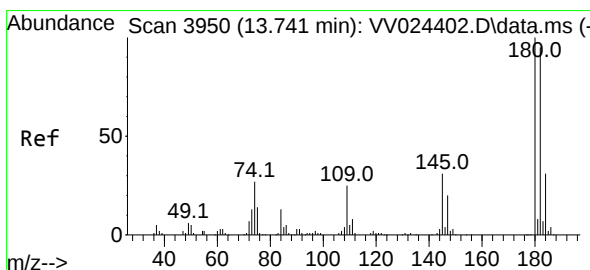
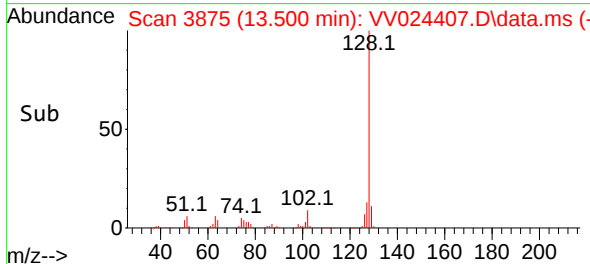
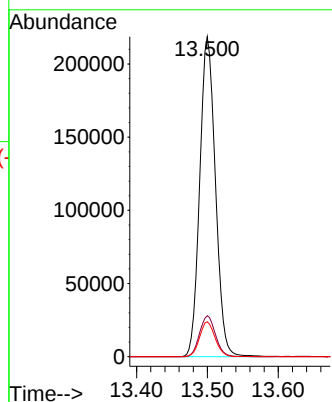
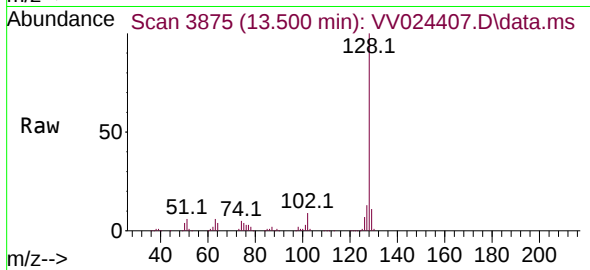
Tgt Ion:128 Resp: 336413

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 48.699 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV024407.D

Acq: 19 Jan 2022 16:18

Tgt Ion:180 Resp: 117751

Ion Ratio Lower Upper

180 100

182 96.0 76.1 114.1

145 31.9 25.0 37.4

