

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012722\
 Data File : VW024475.D
 Acq On : 28 Jan 2022 00:44
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 28 03:25:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 28 03:20:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	155524	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	167026	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	99113	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	58177	4.270	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.568	69	55269	4.650	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.111	63	121463	4.664	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	3.912	46	109791	50.559	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.120%
24) Chloroform-d	4.352	84	130038	5.029	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.037	65	61542	5.256	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	5.050	84	242353	4.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.069	67	76571	4.875	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.317	98	225575	4.929	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	7.625	79	25193	4.670	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.092	63	103952	56.362	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.720%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	48793	5.219	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	80830	4.756	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	89014	5.075	ug/L	99
3) Chloromethane	1.243	50	80246	5.035	ug/L	96
5) Vinyl chloride	1.311	62	81436	5.094	ug/L	99
6) Bromomethane	1.523	94	50017	4.997	ug/L	99
8) Chloroethane	1.587	64	49965	5.315	ug/L	100
9) Trichlorofluoromethane	1.754	101	116875	5.164	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	62255	5.050	ug/L	95
12) 1,1-Dichloroethene	2.121	96	60482	5.175	ug/L	93
13) Acetone	2.208	43	60519	53.458	ug/L	87
14) Carbon disulfide	2.298	76	179523	4.998	ug/L	99
15) Methyl Acetate	2.446	43	20122	6.581	ug/L #	90
16) Methylene chloride	2.510	84	62657	5.238	ug/L	90
17) Methyl tert-butyl Ether	2.770	73	113112	5.378	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	57529	5.130	ug/L	86
19) 1,1-Dichloroethane	3.192	63	110921	5.305	ug/L	98
21) 2-Butanone	3.995	43	89962	43.976	ug/L	93
22) cis-1,2-Dichloroethene	3.915	96	58722	5.213	ug/L	94
23) Bromochloromethane	4.253	128	26527	5.248	ug/L	89
25) Chloroform	4.375	83	116235	4.895	ug/L	99

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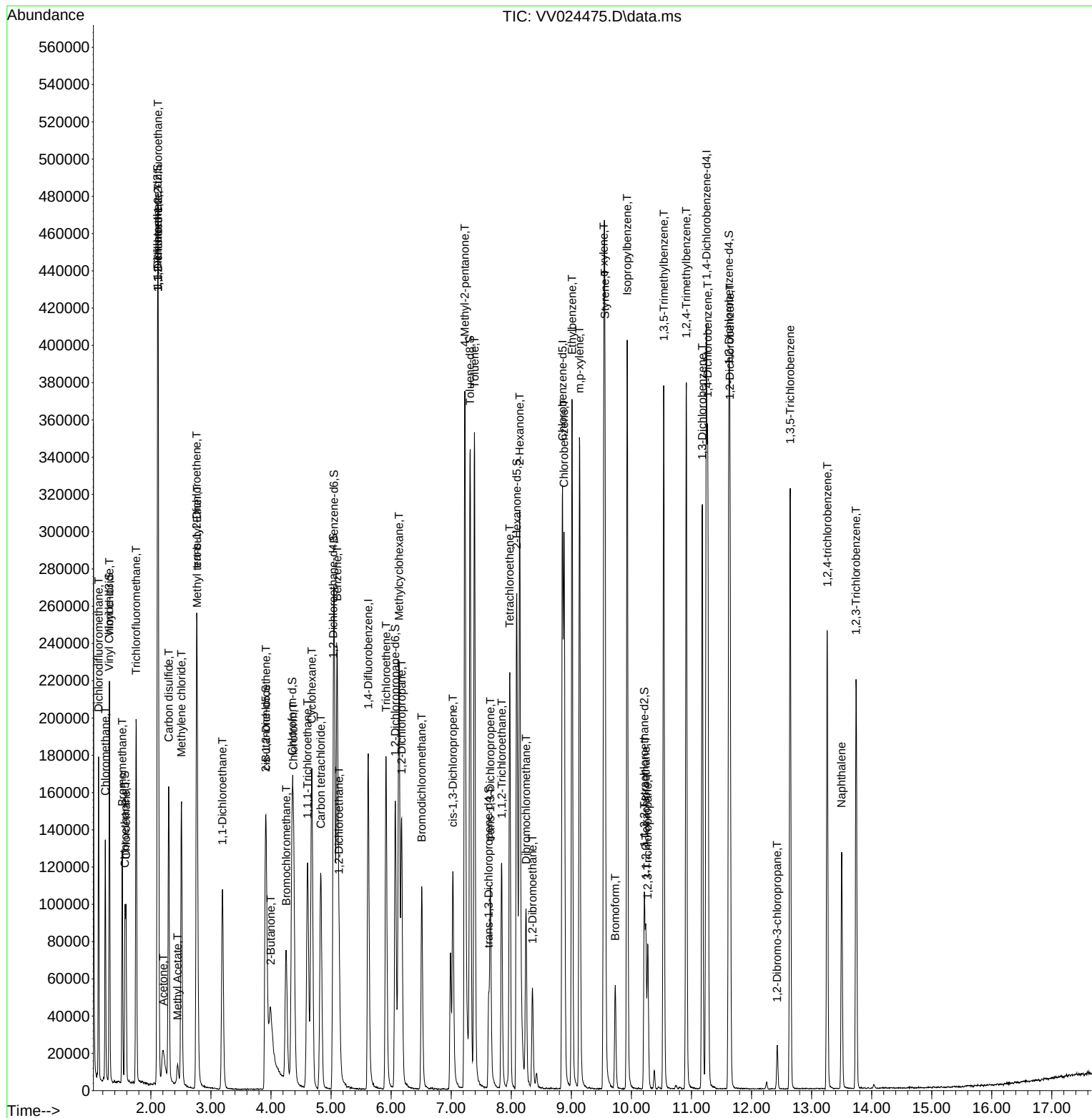
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	61706	5.452	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	100615	5.193	ug/L	98
30) Cyclohexane	4.680	56	90579	4.953	ug/L	93
31) Carbon tetrachloride	4.828	117	90460	5.189	ug/L	99
33) Benzene	5.101	78	236153	5.283	ug/L	100
34) Trichloroethene	5.915	95	63238	5.004	ug/L	93
35) Methylcyclohexane	6.133	83	90038	4.831	ug/L	95
37) 1,2-Dichloropropane	6.175	63	58383	5.316	ug/L	98
38) Bromodichloromethane	6.510	83	73331	4.932	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	77186	5.216	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	282460	55.174	ug/L	98
42) Toluene	7.387	91	253974	5.364	ug/L	96
44) trans-1,3-Dichloropropene	7.651	75	66359	5.383	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	38356	5.165	ug/L	98
47) Tetrachloroethene	7.976	164	52023	5.226	ug/L	98
48) 2-Hexanone	8.140	43	210802	56.003	ug/L	98
49) Dibromochloromethane	8.246	129	48671	5.266	ug/L	98
50) 1,2-Dibromoethane	8.352	107	36636	5.263	ug/L	97
51) Chlorobenzene	8.879	112	154757	5.062	ug/L	93
52) Ethylbenzene	9.011	91	254323	5.108	ug/L	98
53) m,p-xylene	9.137	106	98138	5.253	ug/L	96
54) o-xylene	9.542	106	92478	5.252	ug/L	95
55) Styrene	9.561	104	160250	5.443	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	39450	5.425	ug/L	97
59) Bromoform	9.731	173	25495	5.116	ug/L #	98
60) Isopropylbenzene	9.931	105	252734	5.236	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	31705	5.162	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	197561	5.083	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	205606	5.155	ug/L	98
64) 1,3-Dichlorobenzene	11.182	146	128524	5.267	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	128908	5.189	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	115841	5.172	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	5743	4.808	ug/L #	81
69) 1,3,5-Trichlorobenzene	12.645	180	102306	5.144	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	75501	4.984	ug/L	96
71) Naphthalene	13.500	128	99918	5.231	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	68336	5.288	ug/L	99

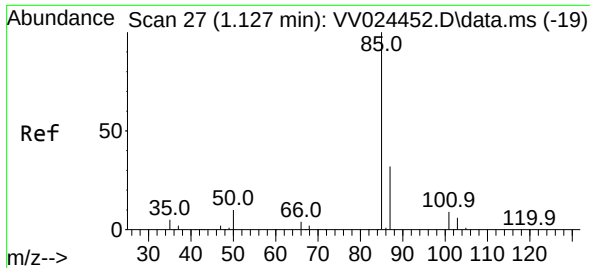
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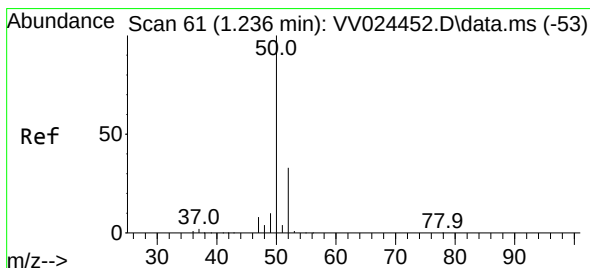
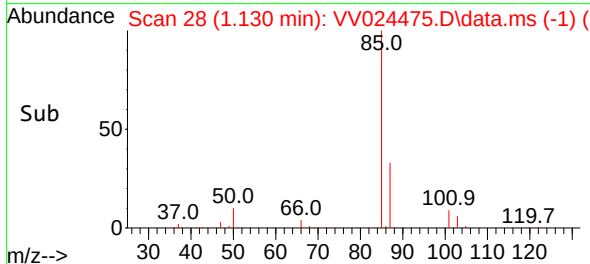
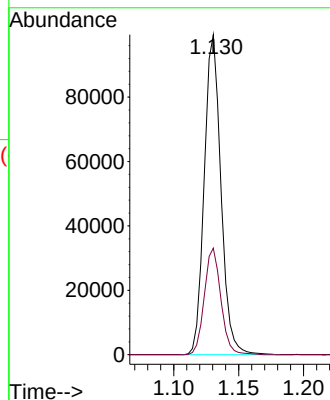
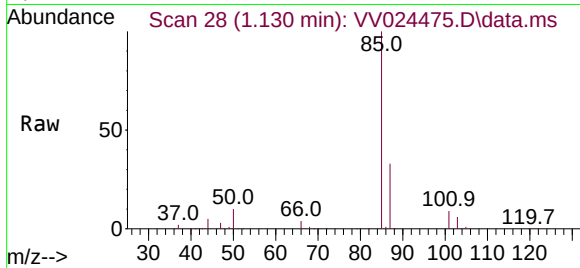




#2
 Dichlorodifluoromethane
 Concen: 5.075 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV024475.D
 Acq: 28 Jan 2022 00:44

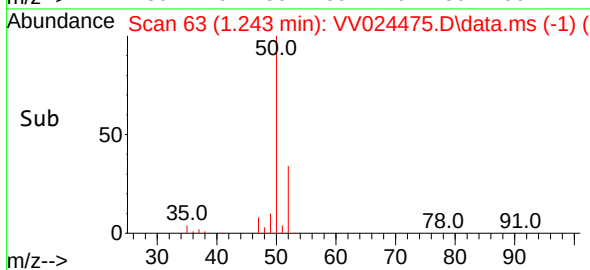
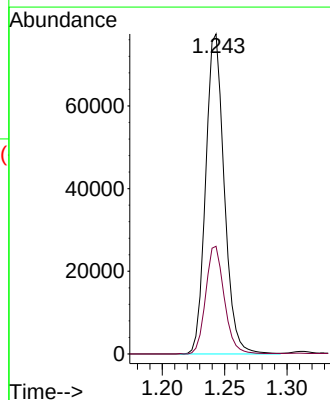
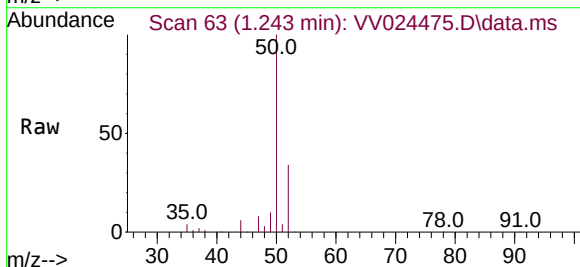
Instrument :
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 ClientSampleId :

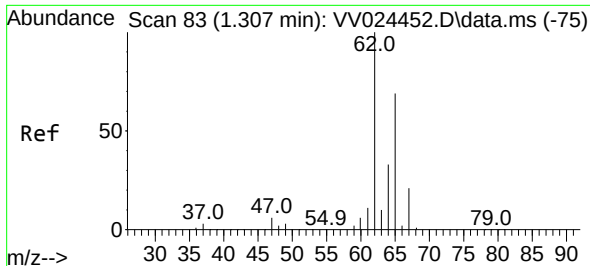
Tgt Ion: 85 Resp: 89014
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.0 39.0



#3
 Chloromethane
 Concen: 5.035 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.007 min
 Lab File: VV024475.D
 Acq: 28 Jan 2022 00:44

Tgt Ion: 50 Resp: 80246
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.0 41.0

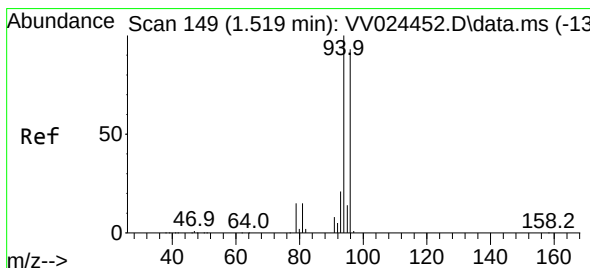
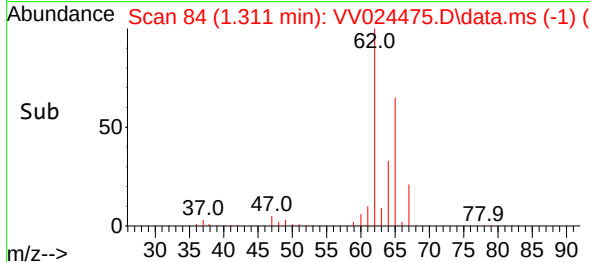
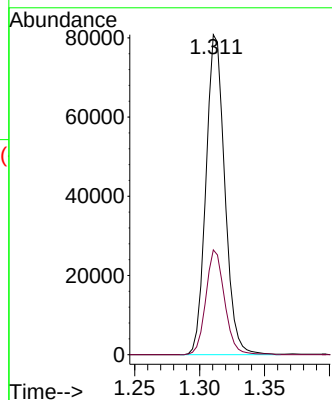
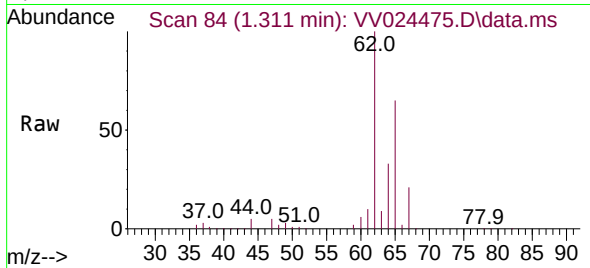




#5
 Vinyl chloride
 Concen: 5.094 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV024475.D
 Acq: 28 Jan 2022 00:44

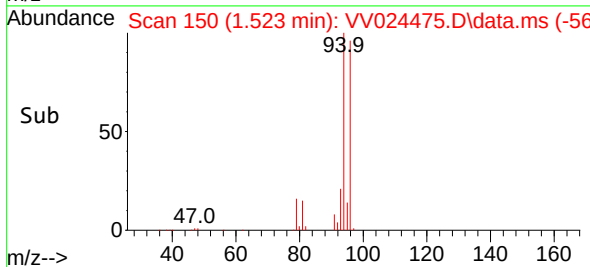
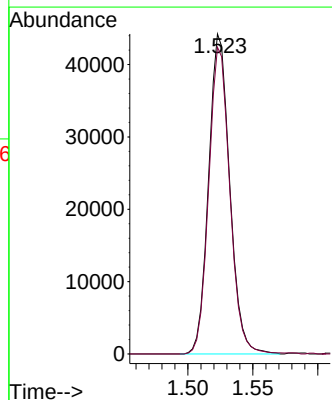
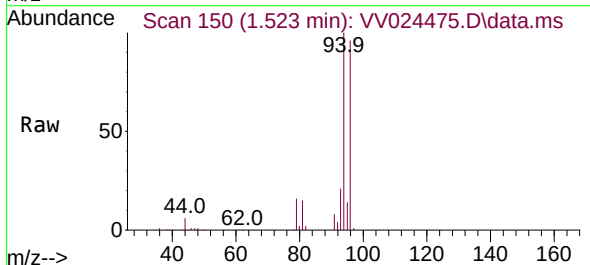
Instrument :
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 ClientSampleId :

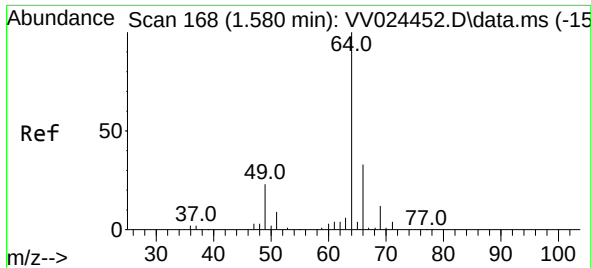
Tgt Ion: 62 Resp: 81436
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.4 41.6



#6
 Bromomethane
 Concen: 4.997 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV024475.D
 Acq: 28 Jan 2022 00:44

Tgt Ion: 94 Resp: 50017
 Ion Ratio Lower Upper
 94 100
 96 95.8 66.2 123.0

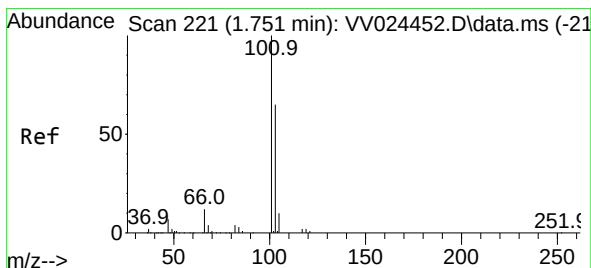
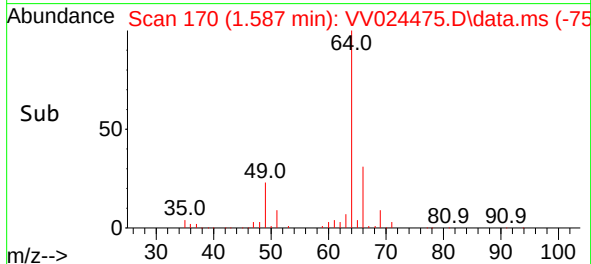
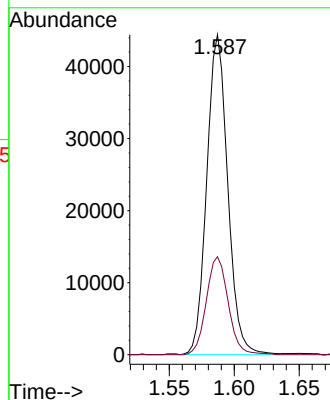
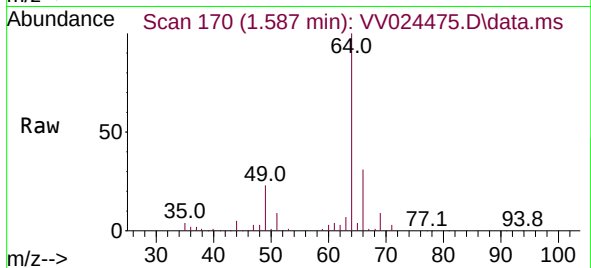




#8
Chloroethane
Concen: 5.315 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV024475.D
Acq: 28 Jan 2022 00:44

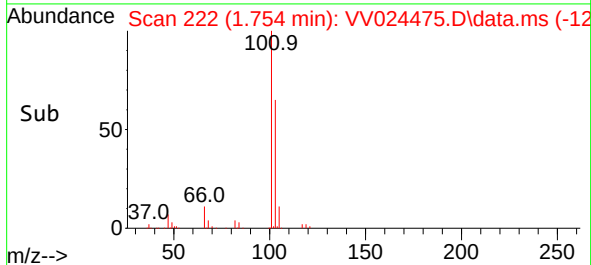
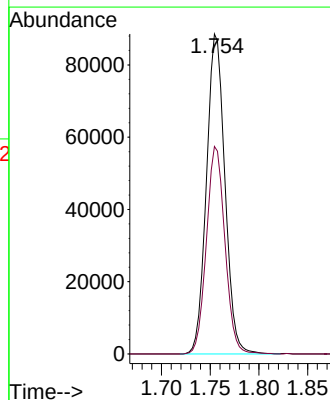
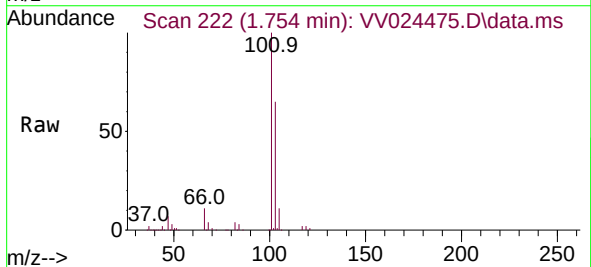
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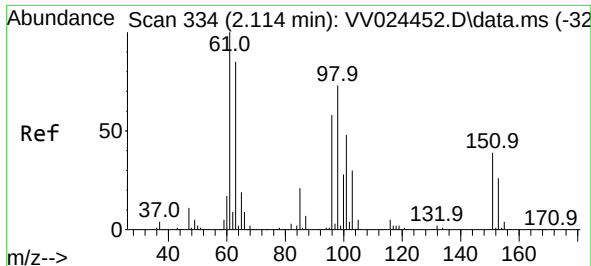
Tgt Ion: 64 Resp: 49965
Ion Ratio Lower Upper
64 100
66 30.6 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.164 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV024475.D
Acq: 28 Jan 2022 00:44

Tgt Ion: 101 Resp: 116875
Ion Ratio Lower Upper
101 100
103 65.0 51.6 77.4

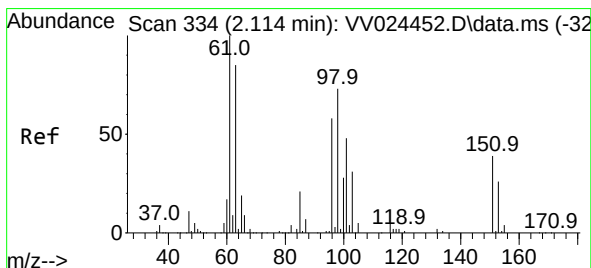
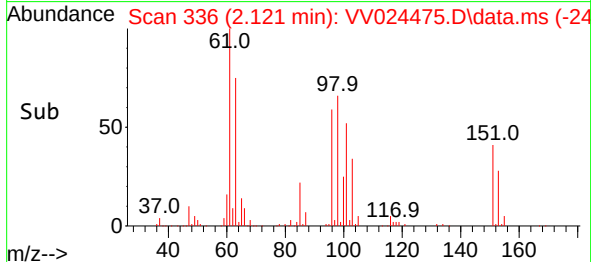
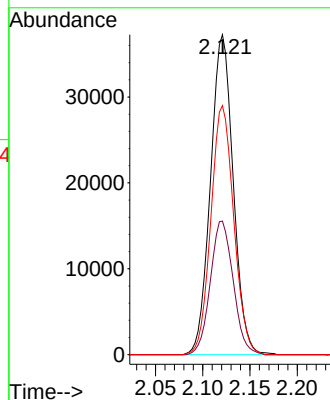
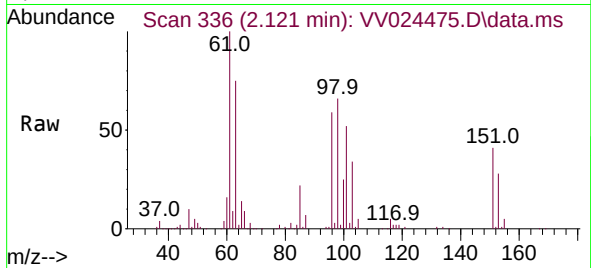




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.050 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.007 min
 Lab File: VV024475.D
 Acq: 28 Jan 2022 00:44

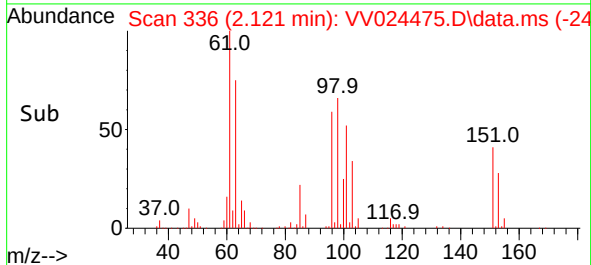
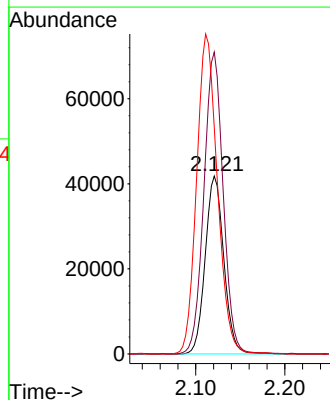
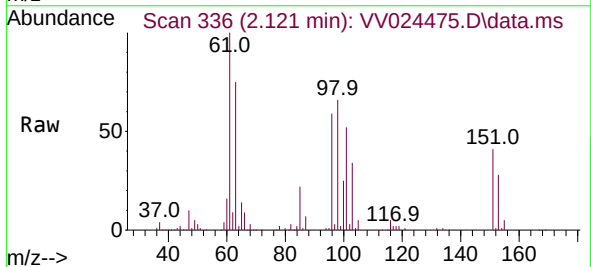
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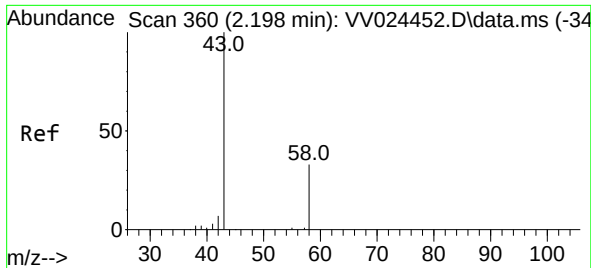
Tgt Ion:101 Resp: 62255
 Ion Ratio Lower Upper
 101 100
 85 42.0 36.0 54.0
 151 78.4 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 5.175 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.007 min
 Lab File: VV024475.D
 Acq: 28 Jan 2022 00:44

Tgt Ion: 96 Resp: 60482
 Ion Ratio Lower Upper
 96 100
 61 169.7 116.1 215.5
 63 127.2 79.4 147.4





#13

Acetone

Concen: 53.458 ug/L

RT: 2.208 min Scan# 30

Delta R.T. 0.010 min

Lab File: VV024475.D

Acq: 28 Jan 2022 00:44

Instrument :

MSVOA_V

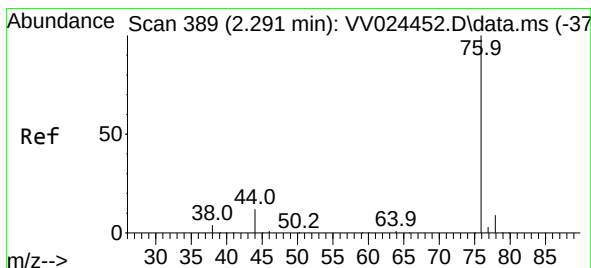
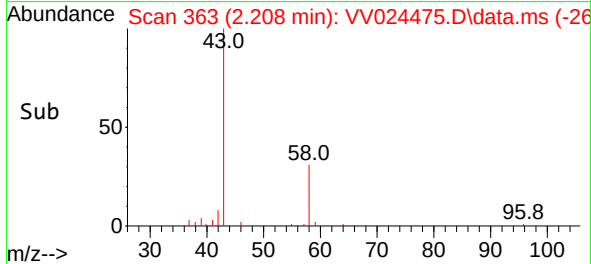
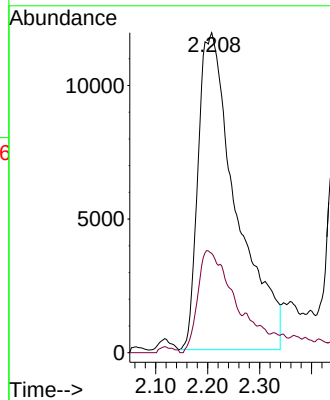
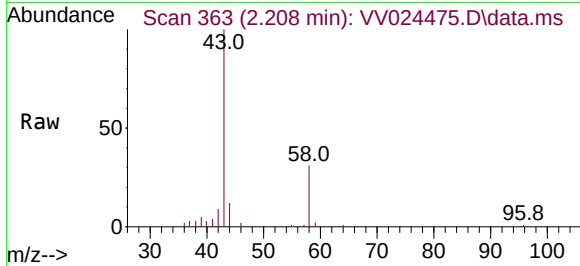
ClientSampleId :

Tgt Ion: 43 Resp: 60519

Ion Ratio Lower Upper

43 100

58 26.5 0.0 41.4



#14

Carbon disulfide

Concen: 4.998 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.007 min

Lab File: VV024475.D

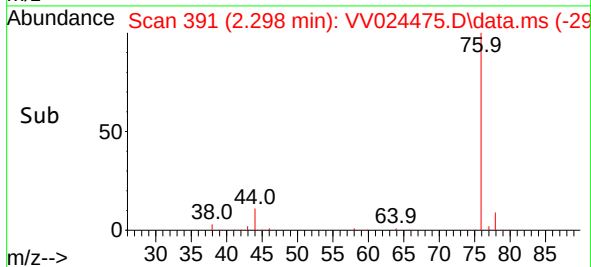
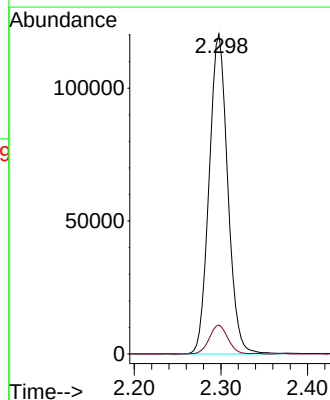
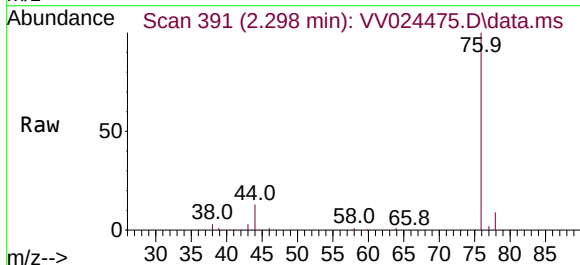
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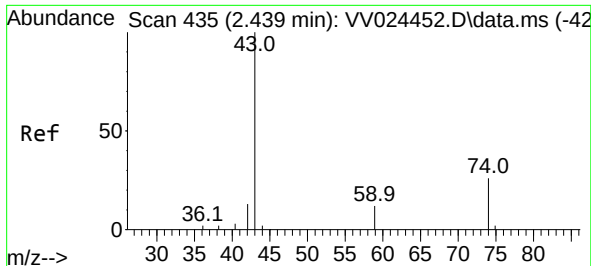
Tgt Ion: 76 Resp: 179523

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3





#15

Methyl Acetate

Concen: 6.581 ug/L

RT: 2.446 min Scan# 41

Delta R.T. 0.007 min

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Instrument :

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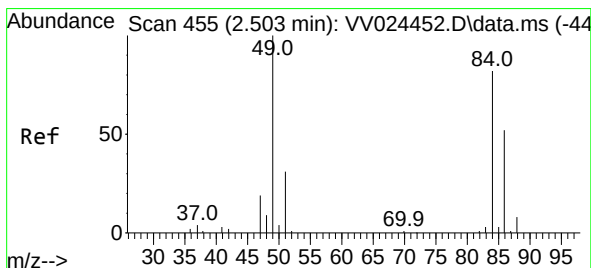
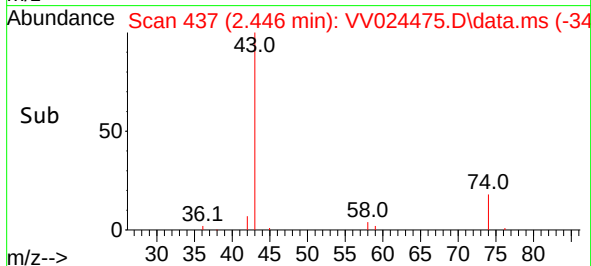
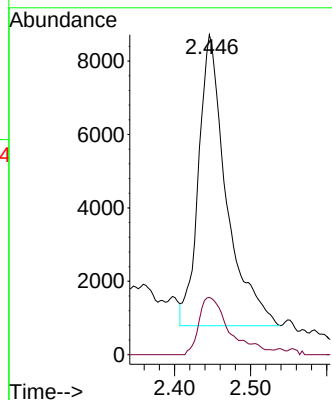
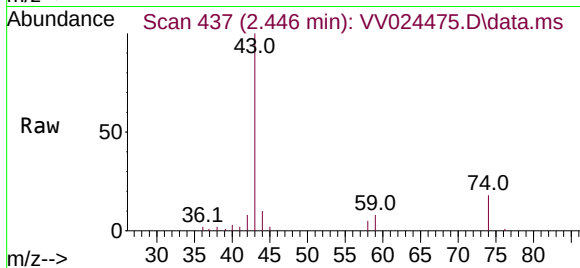
ClientSampleId :

Tgt Ion: 43 Resp: 20122

Ion Ratio Lower Upper

43 100

74 20.1 20.2 30.2#



#16

Methylene chloride

Concen: 5.238 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.007 min

Lab File: VV024475.D

Acq: 28 Jan 2022 00:44

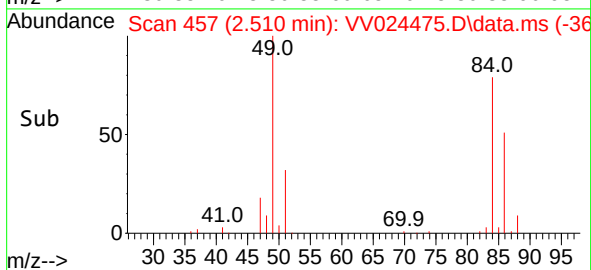
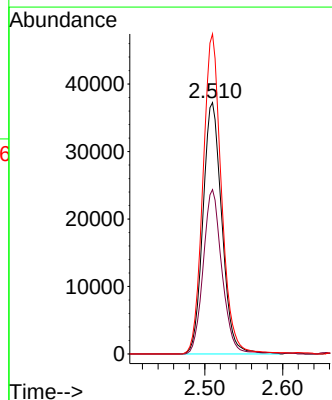
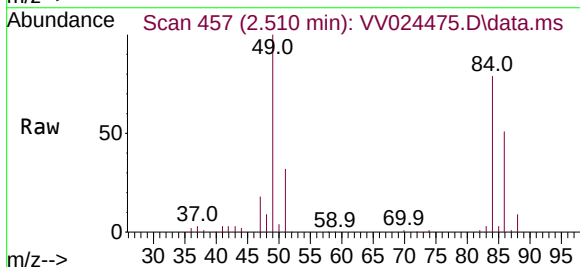
Tgt Ion: 84 Resp: 62657

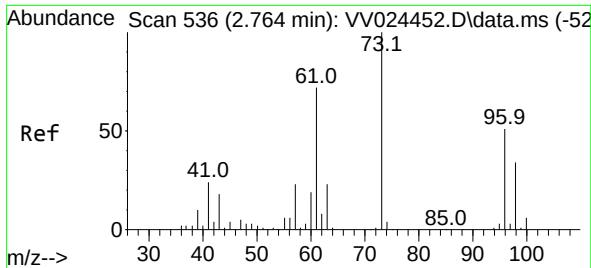
Ion Ratio Lower Upper

84 100

86 65.4 42.6 79.0

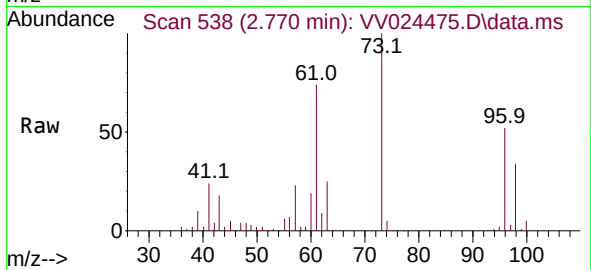
49 127.3 79.7 147.9



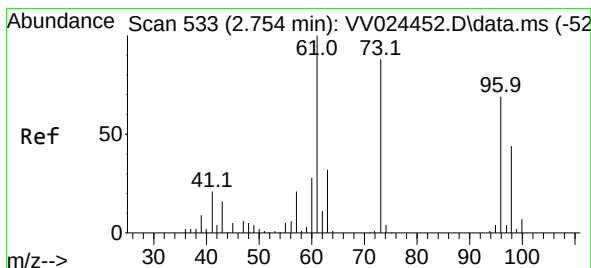
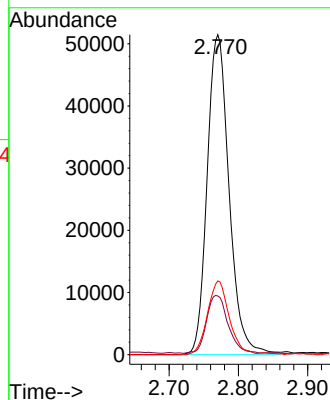
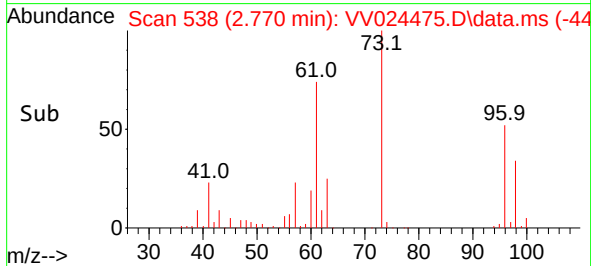


#17
Methyl tert-butyl Ether
Concen: 5.378 ug/L
RT: 2.770 min Scan# 511
Delta R.T. 0.007 min
Lab File: VV024475.D
Acq: 28 Jan 2022 00:44

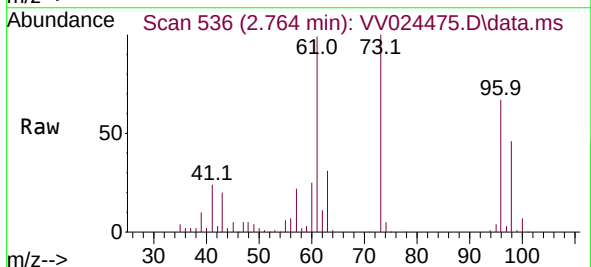
Instrument :
MSVOA_V
ClientSampleId :



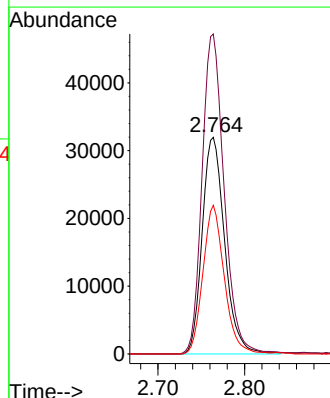
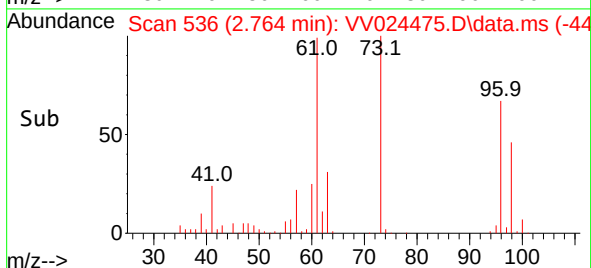
Tgt Ion: 73 Resp: 113112
Ion Ratio Lower Upper
73 100
43 17.8 15.5 23.3
57 22.7 17.1 25.7

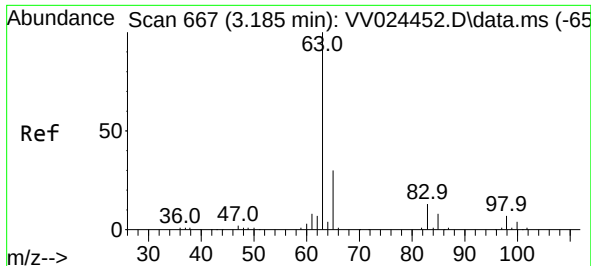


#18
trans-1,2-Dichloroethene
Concen: 5.130 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.010 min
Lab File: VV024475.D
Acq: 28 Jan 2022 00:44



Tgt Ion: 96 Resp: 57529
Ion Ratio Lower Upper
96 100
61 147.7 88.2 163.8
98 68.6 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.305 ug/L

RT: 3.192 min Scan# 6

Delta R.T. 0.007 min

Lab File: VV024475.D

Acq: 28 Jan 2022 00:44

Instrument :

MSVOA_V

ClientSampleId :

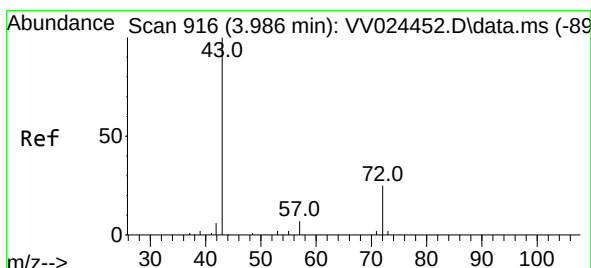
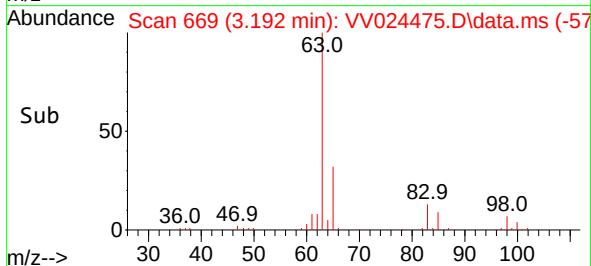
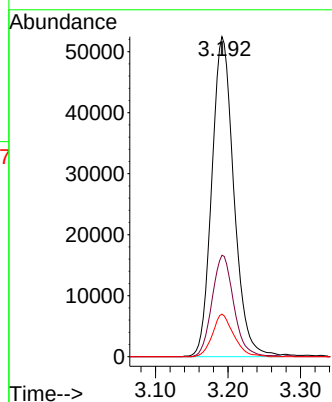
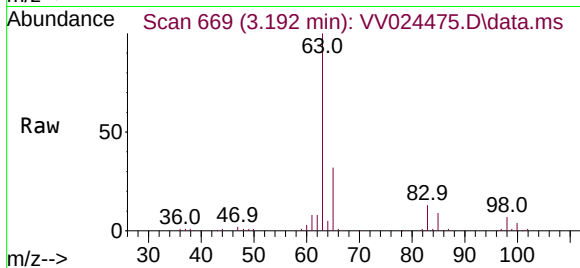
Tgt Ion: 63 Resp: 110921

Ion Ratio Lower Upper

63 100

65 31.7 22.3 41.3

83 13.3 10.7 19.9



#21

2-Butanone

Concen: 43.976 ug/L

RT: 3.995 min Scan# 919

Delta R.T. 0.010 min

Lab File: VV024475.D

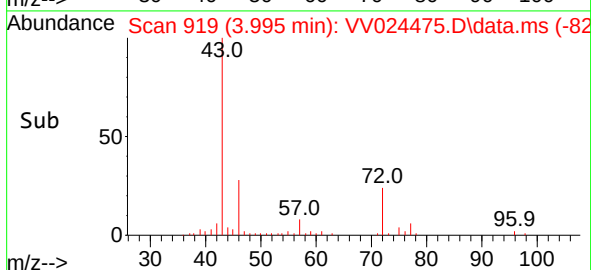
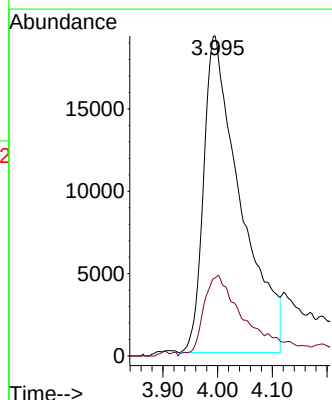
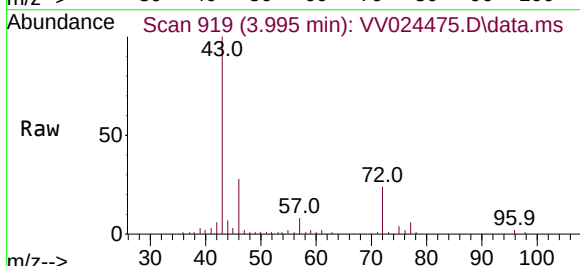
Acq: 28 Jan 2022 00:44

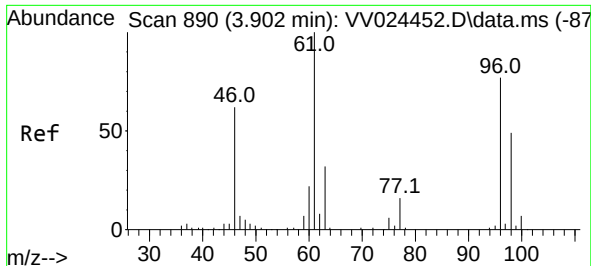
Tgt Ion: 43 Resp: 89962

Ion Ratio Lower Upper

43 100

72 25.3 11.1 33.1





#22

cis-1,2-Dichloroethene

Concen: 5.213 ug/L

RT: 3.915 min Scan# 890

Delta R.T. 0.013 min

Lab File: VV024475.D

Acq: 28 Jan 2022 00:44

Instrument :

MSVOA_V

ClientSampleId :

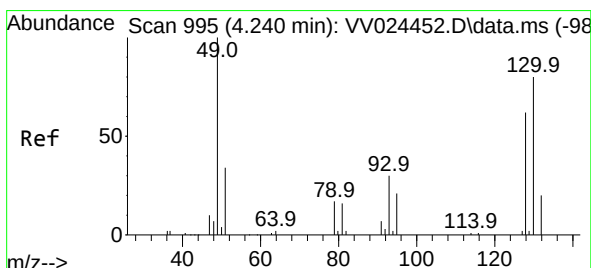
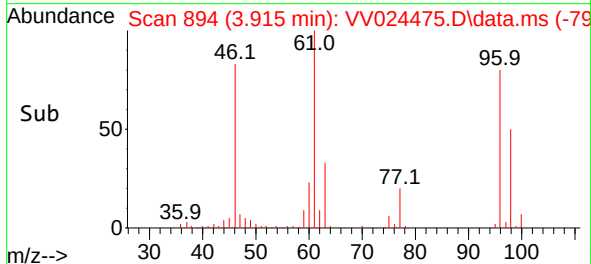
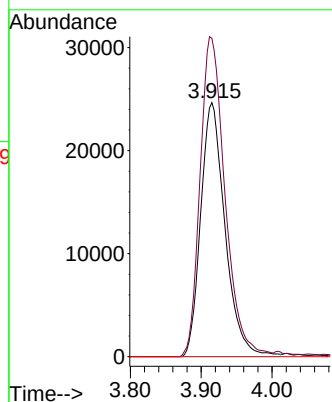
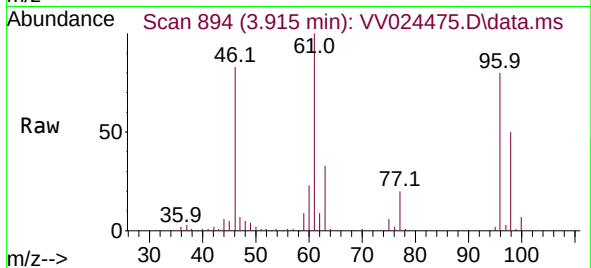
Tgt Ion: 96 Resp: 58722

Ion Ratio Lower Upper

96 100

61 125.3 83.4 154.8

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.248 ug/L

RT: 4.253 min Scan# 999

Delta R.T. 0.013 min

Lab File: VV024475.D

Acq: 28 Jan 2022 00:44

Tgt Ion:128 Resp: 26527

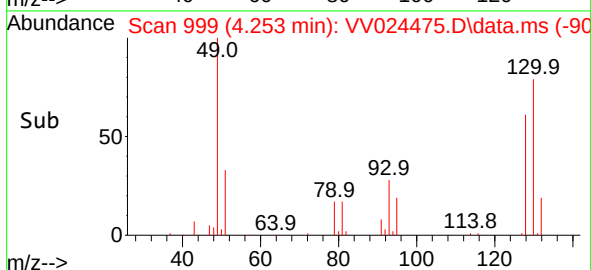
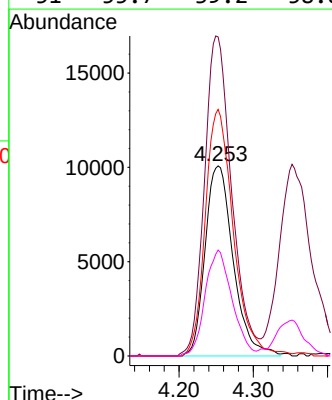
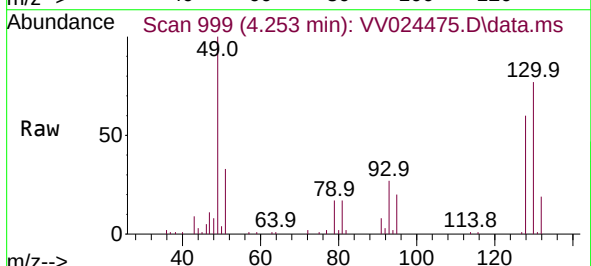
Ion Ratio Lower Upper

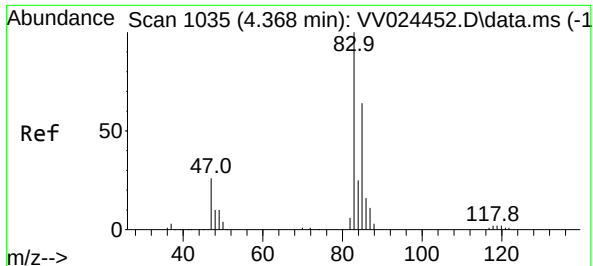
128 100

49 167.9 100.2 186.2

130 129.7 92.5 171.7

51 55.7 39.2 58.8





#25

Chloroform

Concen: 4.895 ug/L

RT: 4.375 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV024475.D

Acq: 28 Jan 2022 00:44

Instrument :

MSVOA_V

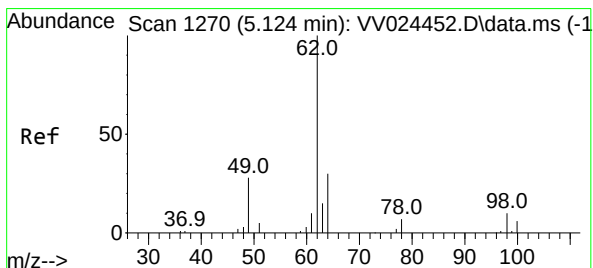
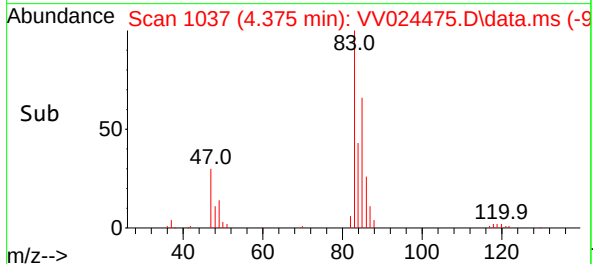
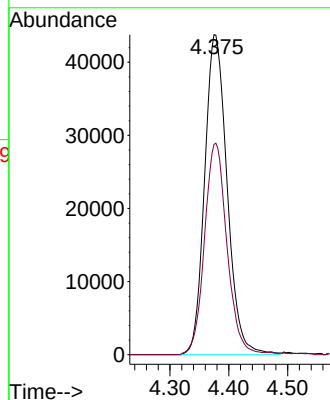
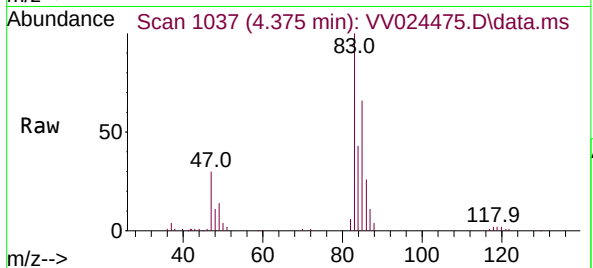
ClientSampleId :

Tgt Ion: 83 Resp: 116235

Ion Ratio Lower Upper

83 100

85 65.7 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.452 ug/L

RT: 5.134 min Scan# 1273

Delta R.T. 0.010 min

Lab File: VV024475.D

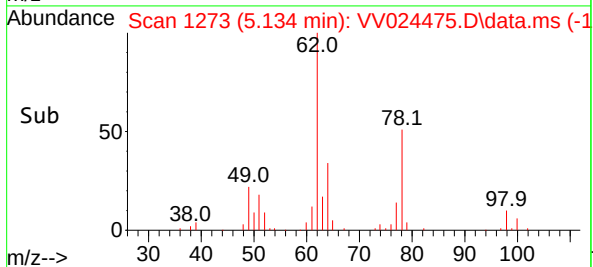
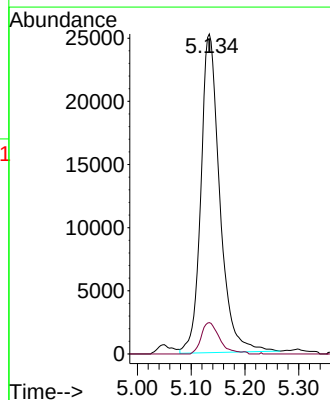
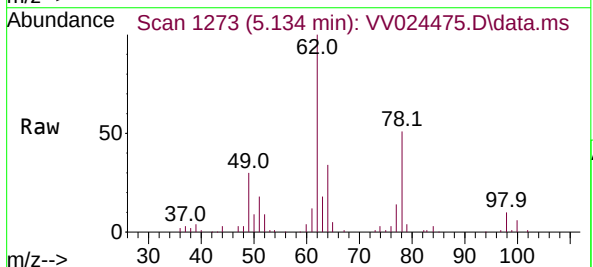
Acq: 28 Jan 2022 00:44

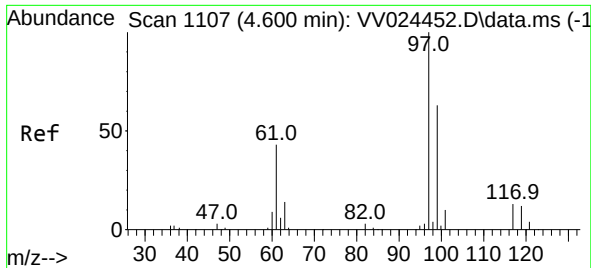
Tgt Ion: 62 Resp: 61706

Ion Ratio Lower Upper

62 100

98 9.8 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.193 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.010 min

Lab File: VV024475.D

Acq: 28 Jan 2022 00:44

Instrument :

MSVOA_V

ClientSampleId :

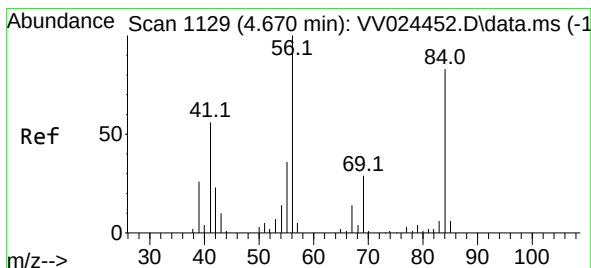
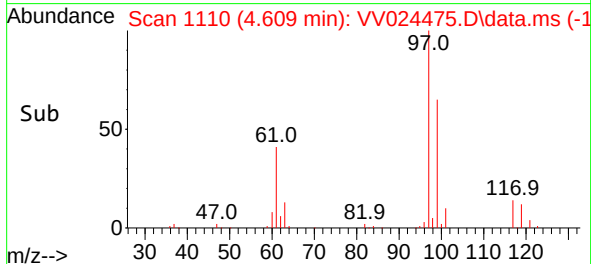
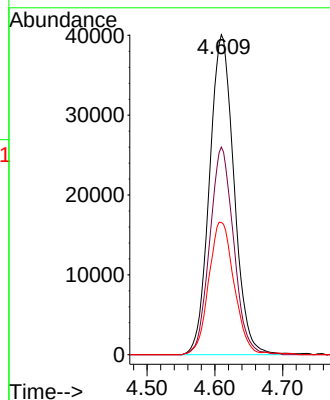
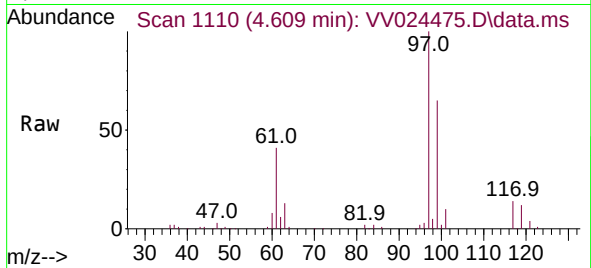
Tgt Ion: 97 Resp: 100615

Ion Ratio Lower Upper

97 100

99 63.5 51.9 77.9

61 42.8 33.2 49.8



#30

Cyclohexane

Concen: 4.953 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.010 min

Lab File: VV024475.D

Acq: 28 Jan 2022 00:44

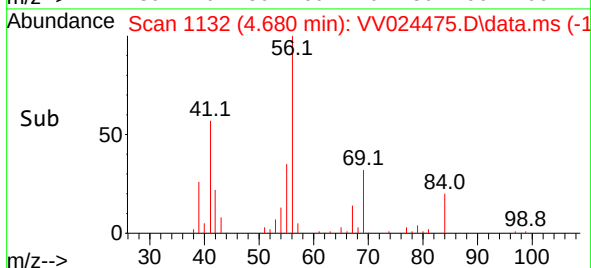
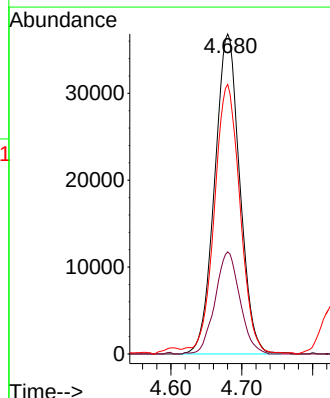
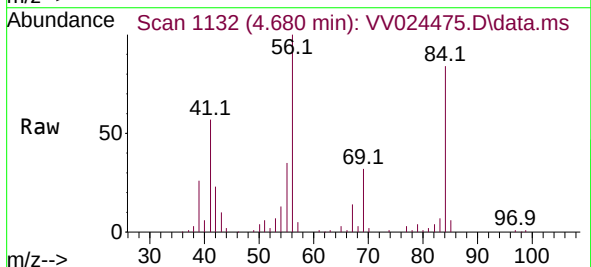
Tgt Ion: 56 Resp: 90579

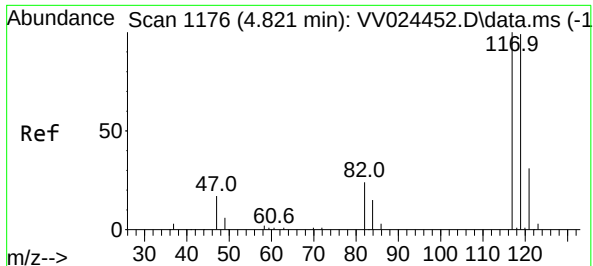
Ion Ratio Lower Upper

56 100

69 31.4 24.8 37.2

84 85.6 75.9 113.9

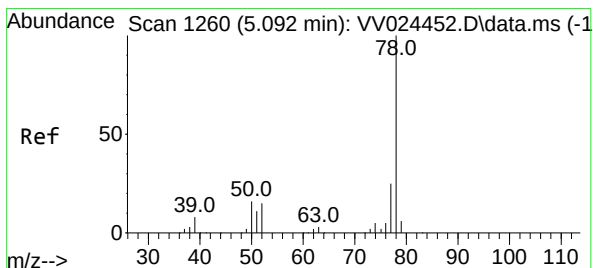
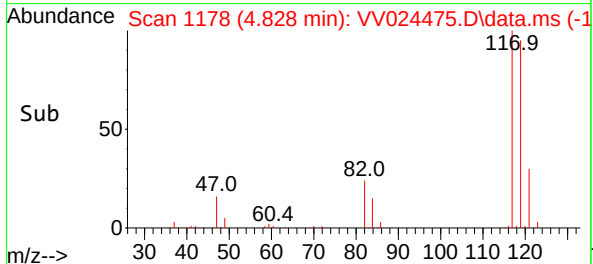
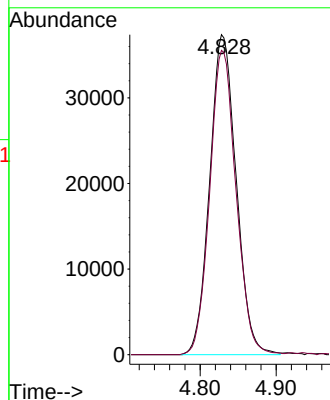
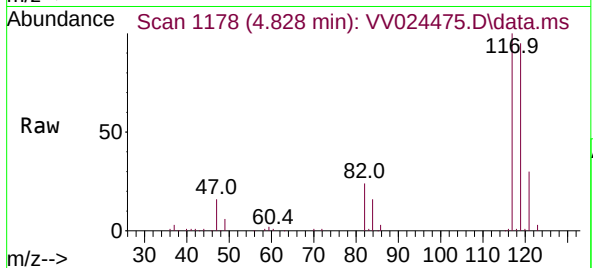




#31
Carbon tetrachloride
Concen: 5.189 ug/L
RT: 4.828 min Scan# 1176
Delta R.T. 0.007 min
Lab File: VV024475.D
Acq: 28 Jan 2022 00:44

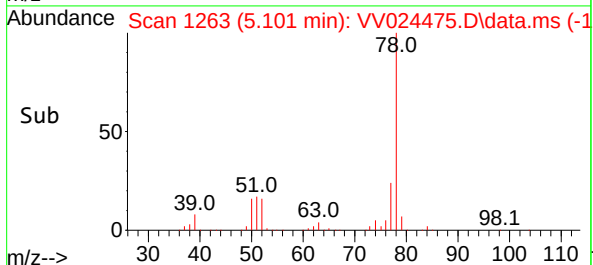
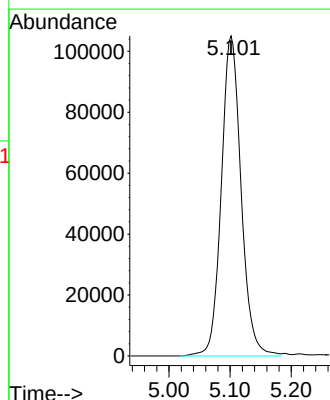
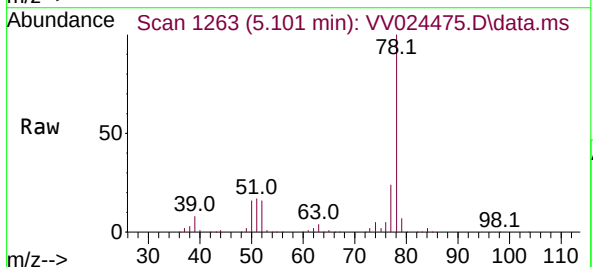
Instrument :
MSVOA_V
ClientSampleId :

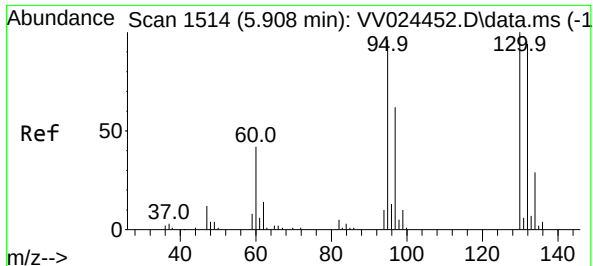
Tgt Ion:117 Resp: 90460
Ion Ratio Lower Upper
117 100
119 94.4 76.6 114.8



#33
Benzene
Concen: 5.283 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.010 min
Lab File: VV024475.D
Acq: 28 Jan 2022 00:44

Tgt Ion: 78 Resp: 236153



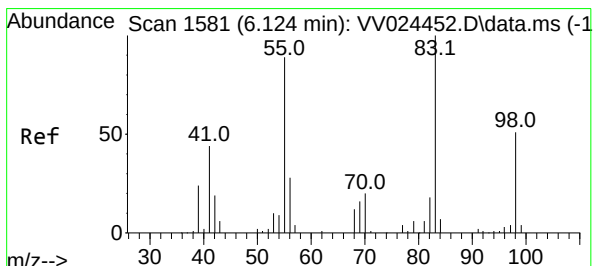
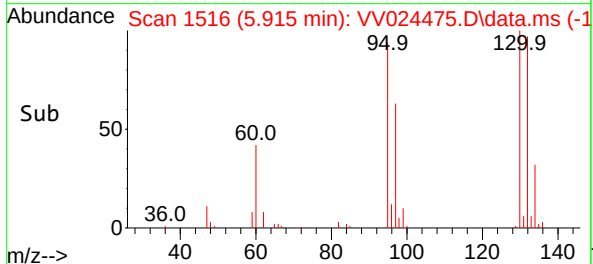
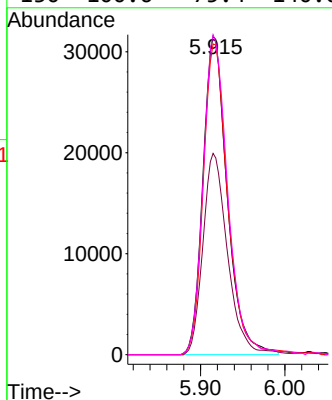
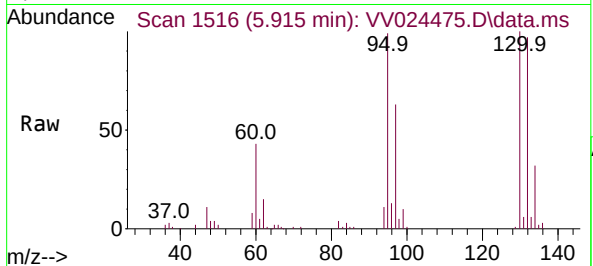


#34
Trichloroethene
Concen: 5.004 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.007 min
Lab File: VV024475.D
Acq: 28 Jan 2022 00:44

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 63238

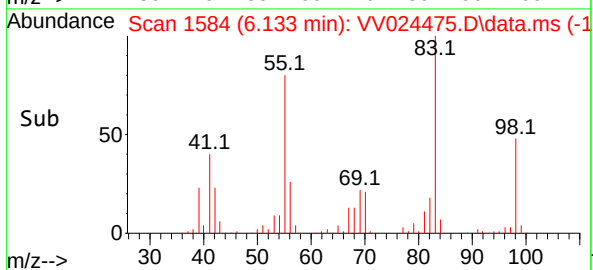
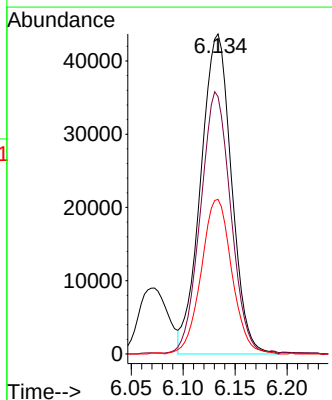
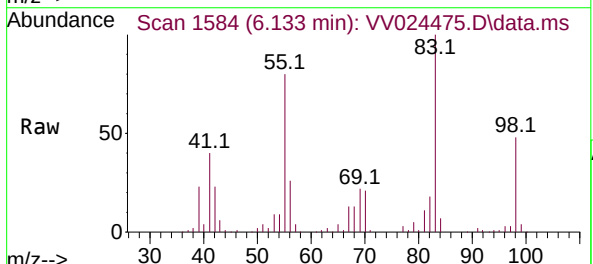
Ion	Ratio	Lower	Upper
95	100		
97	63.3	45.2	84.0
132	97.7	76.1	141.3
130	100.6	75.4	140.0

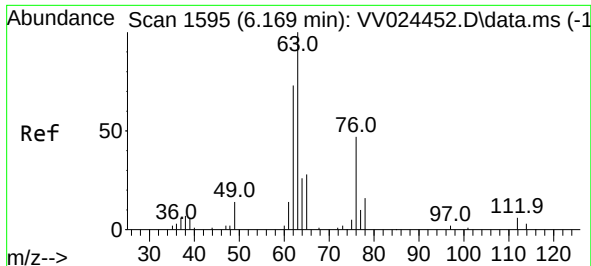


#35
Methylcyclohexane
Concen: 4.831 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.010 min
Lab File: VV024475.D
Acq: 28 Jan 2022 00:44

Tgt Ion: 83 Resp: 90038

Ion	Ratio	Lower	Upper
83	100		
55	80.1	60.2	90.2
98	48.0	41.0	61.4





#37

1,2-Dichloropropane

Concen: 5.316 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV024475.D

Acq: 28 Jan 2022 00:44

Instrument :

MSVOA_V

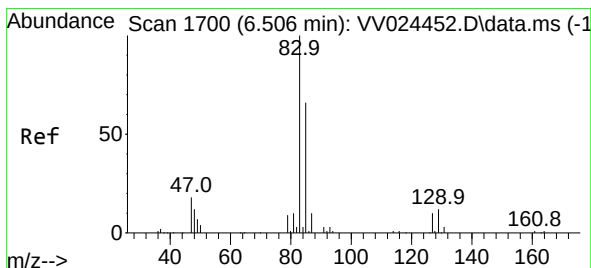
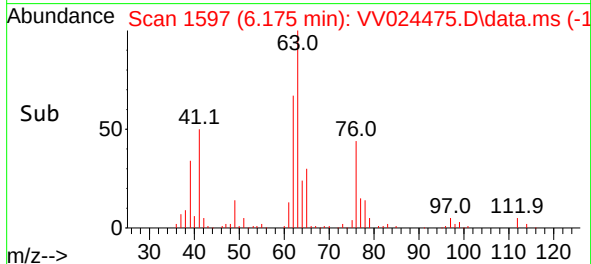
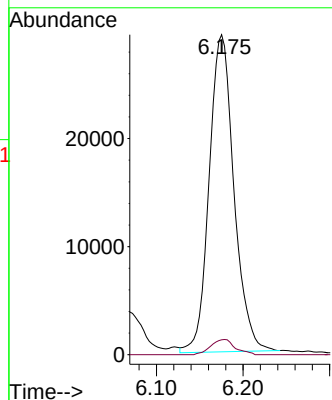
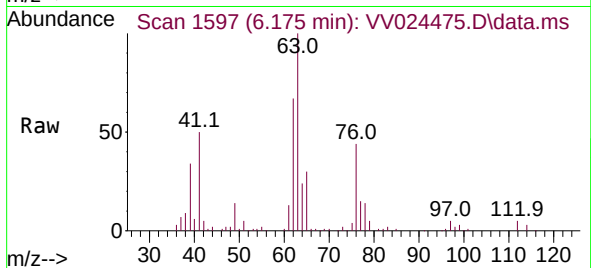
ClientSampleId :

Tgt Ion: 63 Resp: 58383

Ion Ratio Lower Upper

63 100

112 4.7 4.3 6.5



#38

Bromodichloromethane

Concen: 4.932 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV024475.D

Acq: 28 Jan 2022 00:44

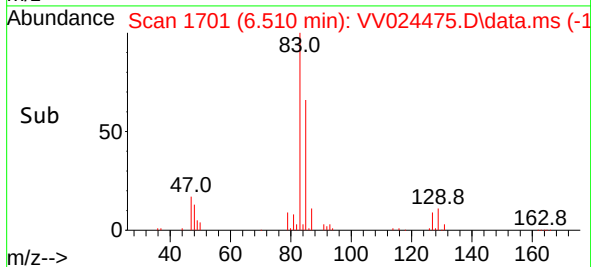
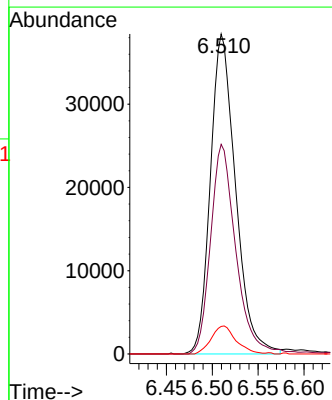
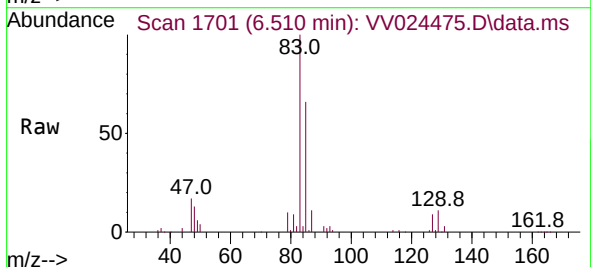
Tgt Ion: 83 Resp: 73331

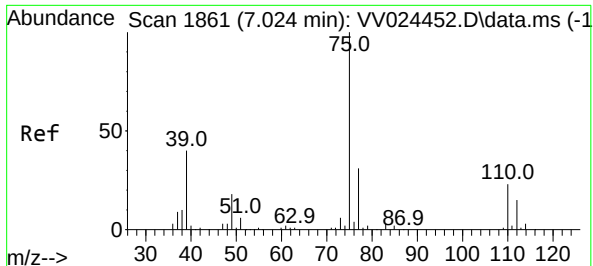
Ion Ratio Lower Upper

83 100

85 65.5 44.0 81.8

127 8.6 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 5.216 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV024475.D

Acq: 28 Jan 2022 00:44

Instrument :

MSVOA_V

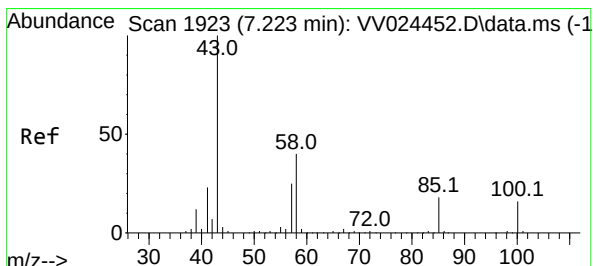
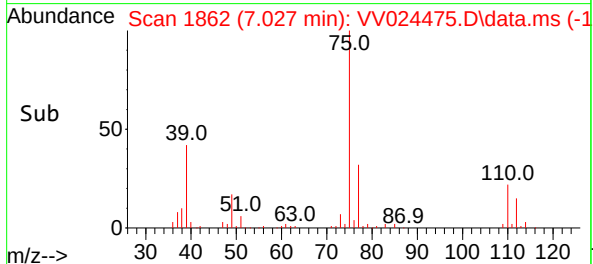
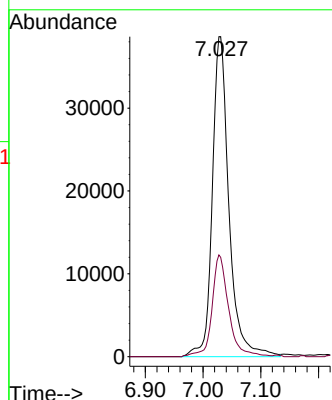
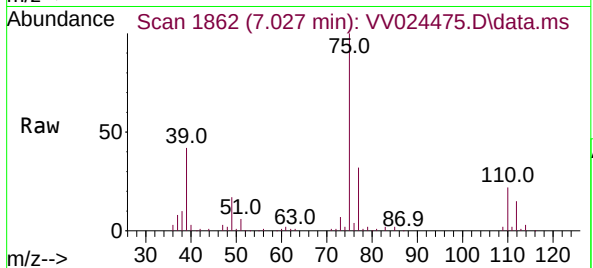
ClientSampleId :

Tgt Ion: 75 Resp: 77186

Ion Ratio Lower Upper

75 100

77 31.8 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 55.174 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV024475.D

Acq: 28 Jan 2022 00:44

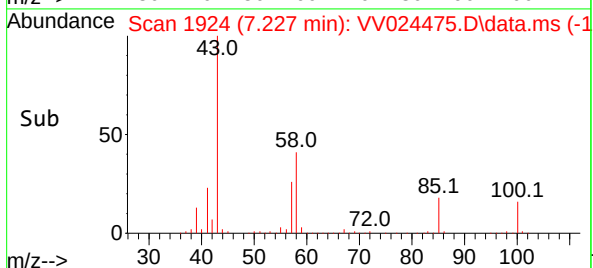
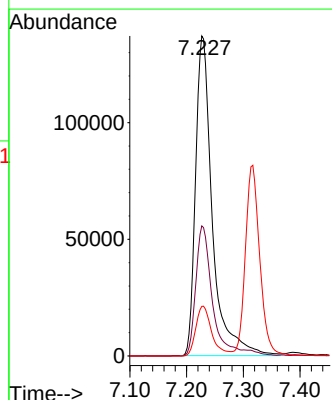
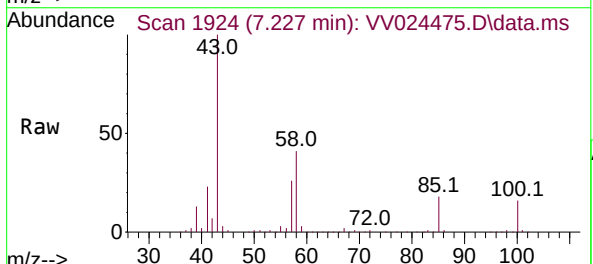
Tgt Ion: 43 Resp: 282460

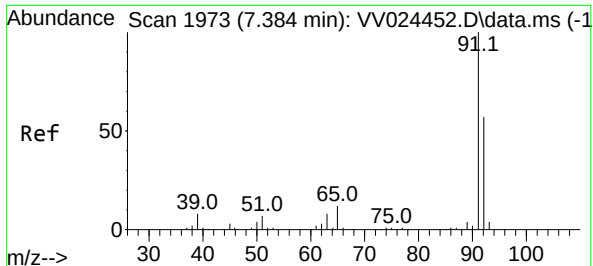
Ion Ratio Lower Upper

43 100

58 41.1 32.3 48.5

100 14.8 13.0 19.6





#42

Toluene

Concen: 5.364 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV024475.D

Acq: 28 Jan 2022 00:44

Instrument :

MSVOA_V

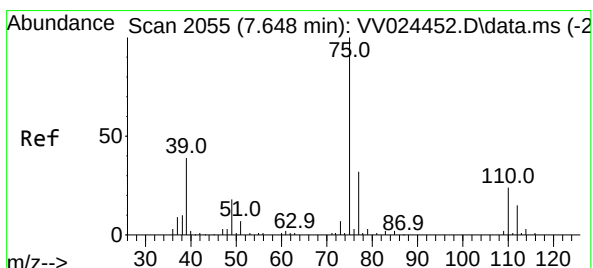
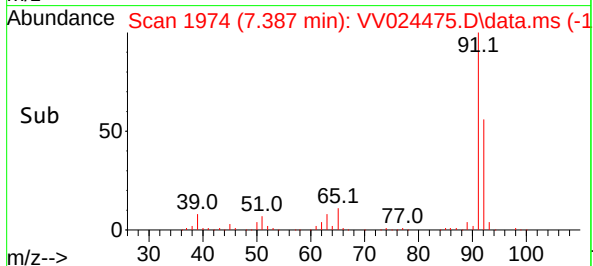
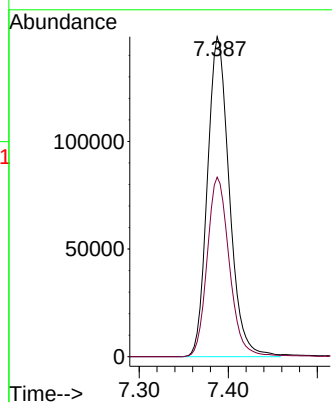
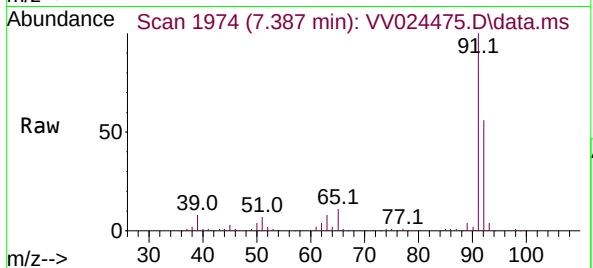
ClientSampleId :

Tgt Ion: 91 Resp: 253974

Ion Ratio Lower Upper

91 100

92 56.1 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.383 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV024475.D

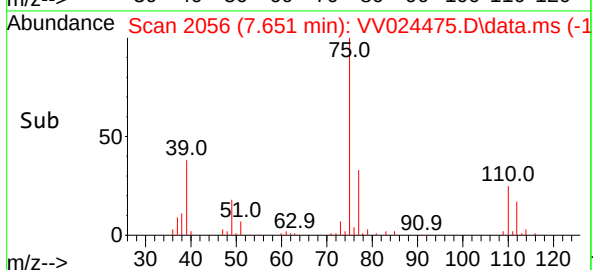
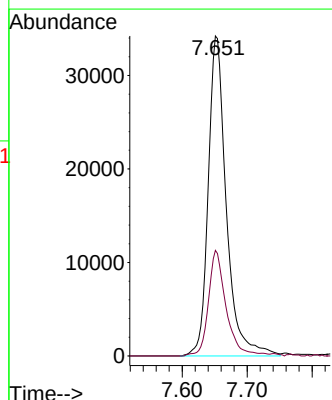
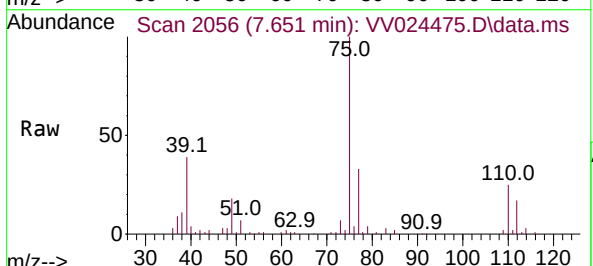
Acq: 28 Jan 2022 00:44

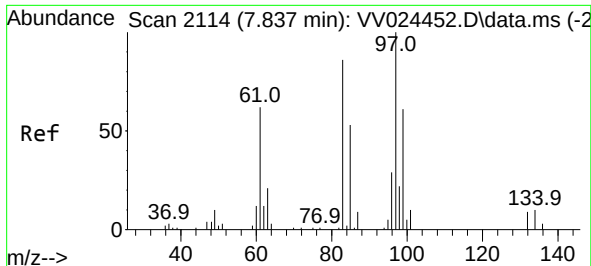
Tgt Ion: 75 Resp: 66359

Ion Ratio Lower Upper

75 100

77 33.0 21.8 40.4

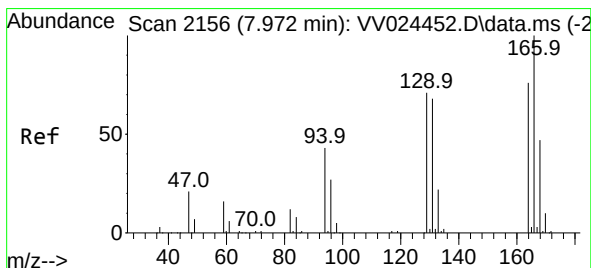
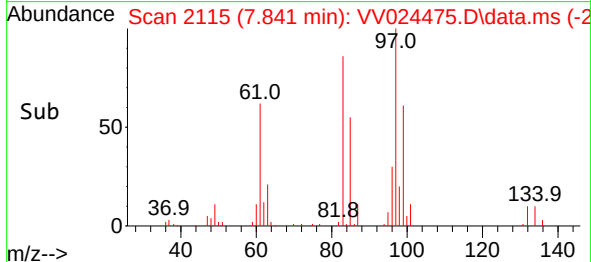
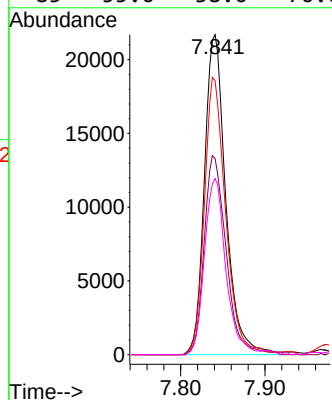
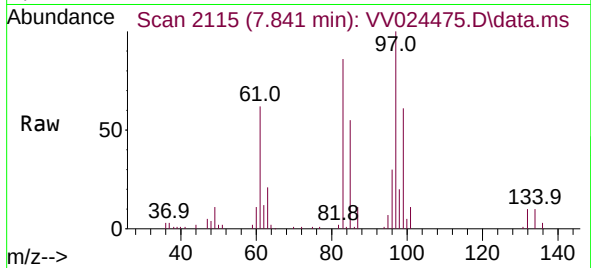




#45
1,1,2-Trichloroethane
Concen: 5.165 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV024475.D
Acq: 28 Jan 2022 00:44

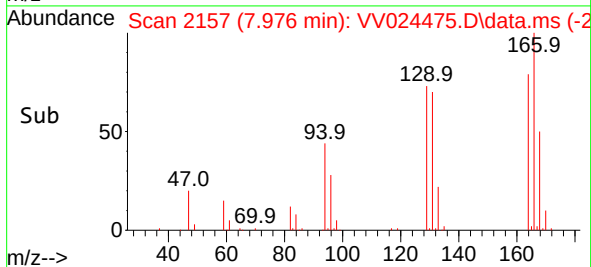
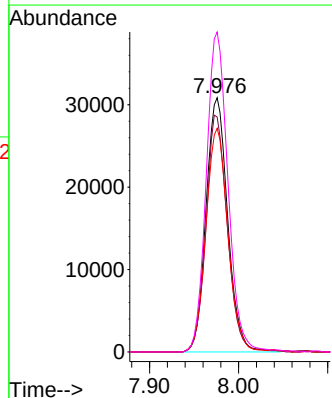
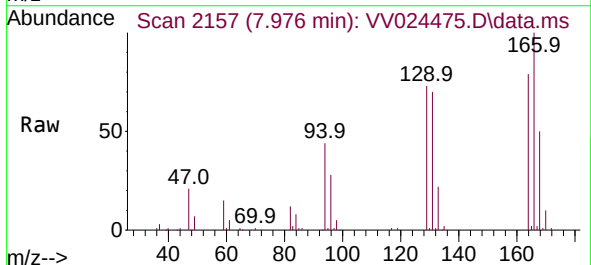
Instrument :
MSVOA_V
ClientSampleId :

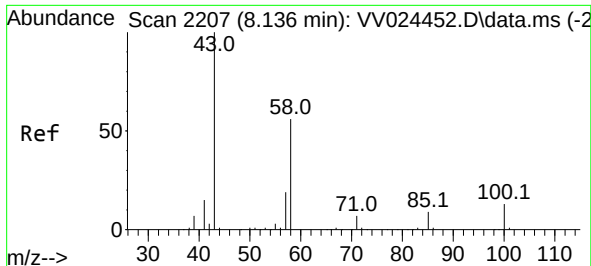
Tgt Ion: 97	Resp: 38356
Ion Ratio	Lower Upper
97 100	
99 61.3	43.1 80.1
83 85.7	57.9 107.5
85 55.0	38.0 70.6



#47
Tetrachloroethene
Concen: 5.226 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV024475.D
Acq: 28 Jan 2022 00:44

Tgt	Ion:164	Resp:	52023
Ion	Ratio	Lower	Upper
164	100		
129	92.3	62.6	116.2
131	88.0	61.0	113.4
166	125.8	87.3	162.1

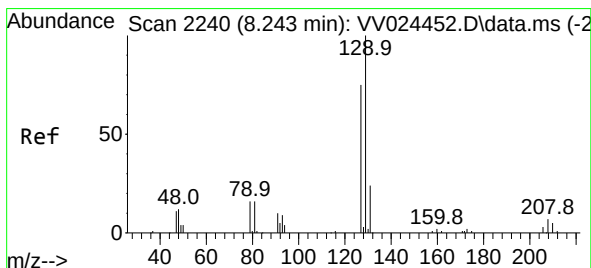
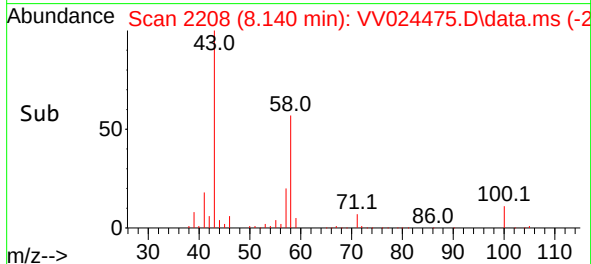
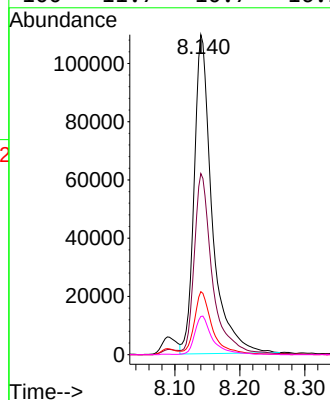
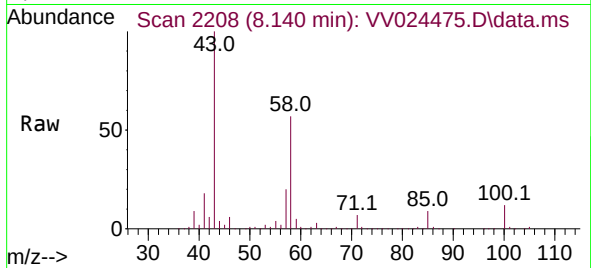




#48
2-Hexanone
Concen: 56.003 ug/L
RT: 8.140 min Scan# 2108
Delta R.T. 0.003 min
Lab File: VV024475.D
Acq: 28 Jan 2022 00:44

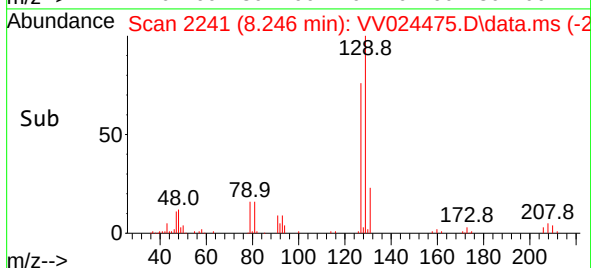
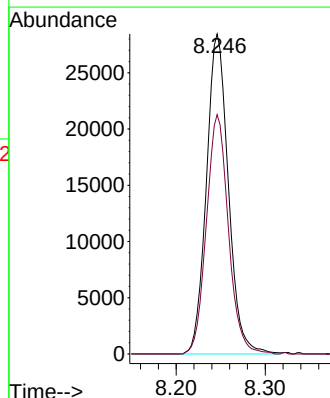
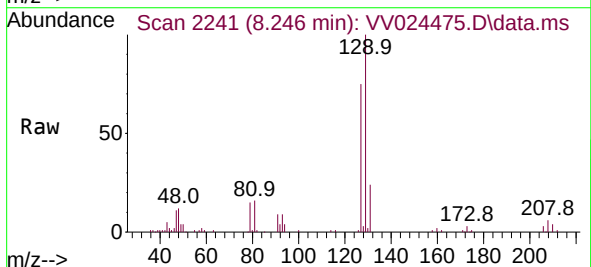
Instrument :
MSVOA_V
ClientSampleId :

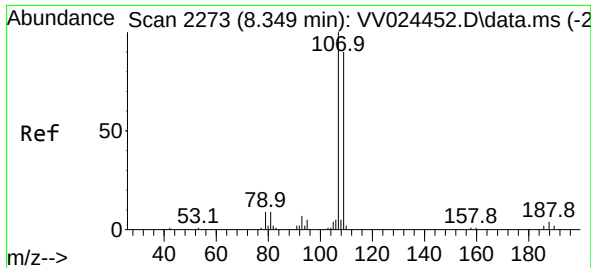
Tgt Ion: 43 Resp: 210802
Ion Ratio Lower Upper
43 100
58 56.5 44.5 66.7
57 19.6 15.1 22.7
100 11.7 10.7 16.1



#49
Dibromochloromethane
Concen: 5.266 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024475.D
Acq: 28 Jan 2022 00:44

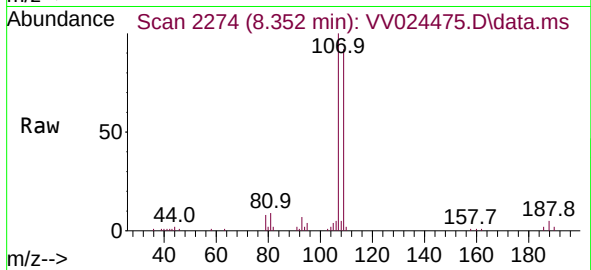
Tgt Ion: 129 Resp: 48671
Ion Ratio Lower Upper
129 100
127 74.8 53.5 99.3



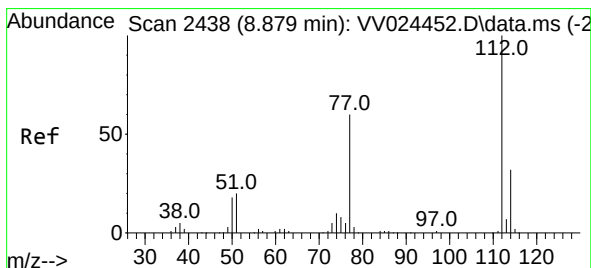
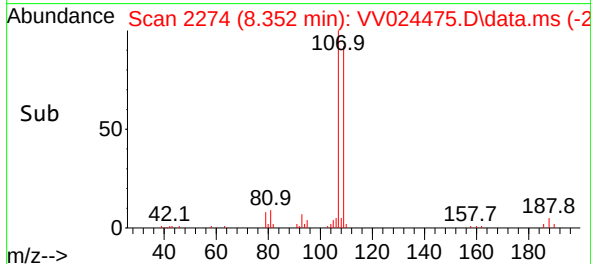
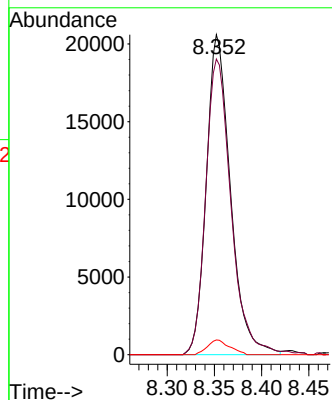


#50
1,2-Dibromoethane
Concen: 5.263 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024475.D
Acq: 28 Jan 2022 00:44

Instrument :
MSVOA_V
ClientSampleId :

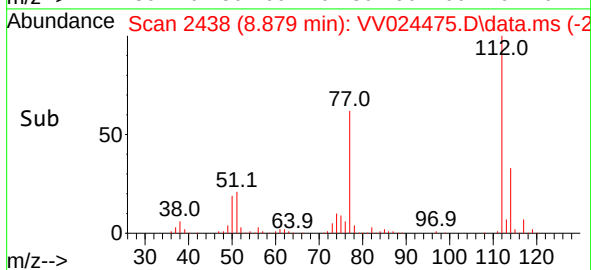
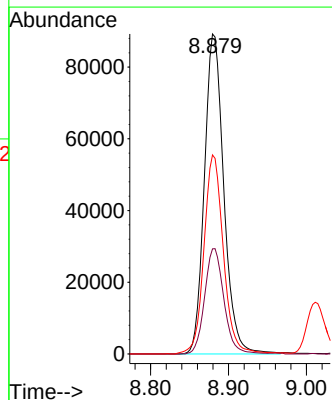
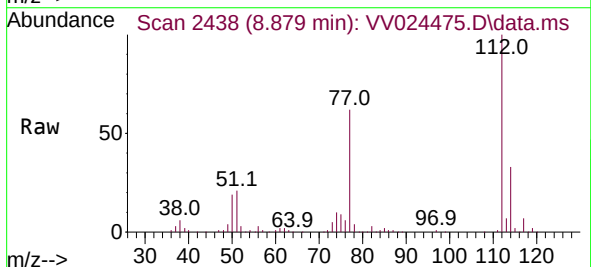


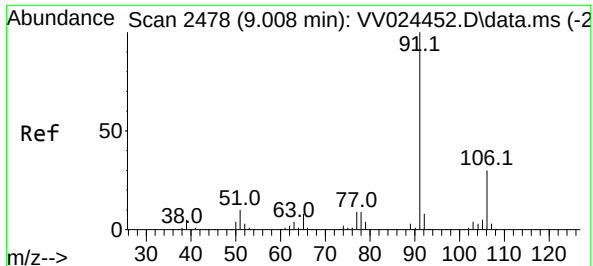
Tgt Ion:107 Resp: 36636
Ion Ratio Lower Upper
107 100
109 92.4 62.5 116.1
188 4.6 3.4 5.2



#51
Chlorobenzene
Concen: 5.062 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV024475.D
Acq: 28 Jan 2022 00:44

Tgt Ion:112 Resp: 154757
Ion Ratio Lower Upper
112 100
114 32.9 23.3 43.3
77 62.2 43.3 64.9

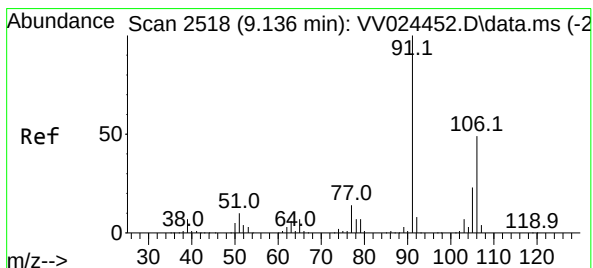
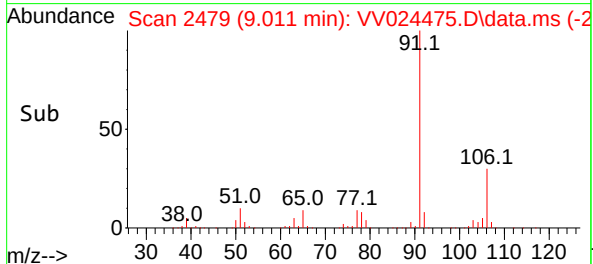
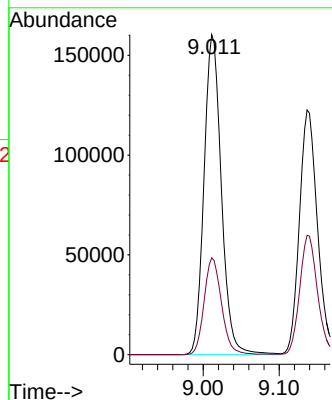
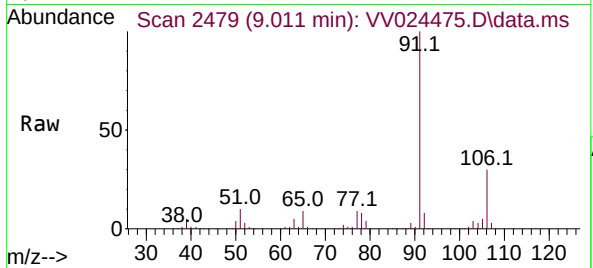




#52
Ethylbenzene
Concen: 5.108 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV024475.D
Acq: 28 Jan 2022 00:44

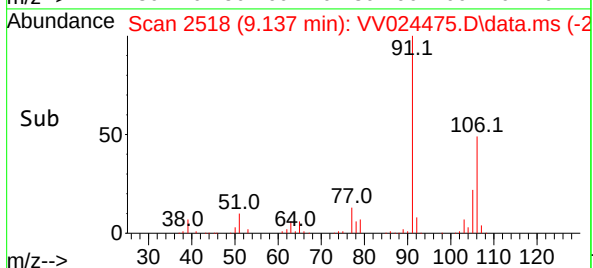
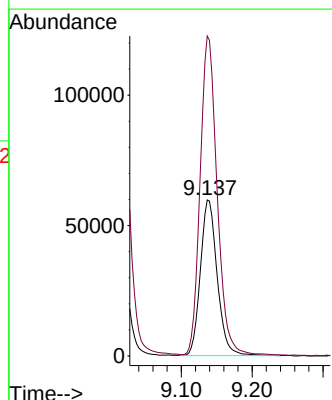
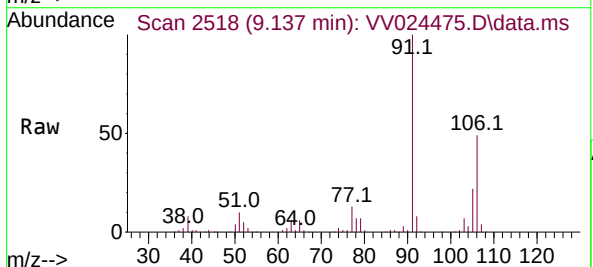
Instrument :
MSVOA_V
ClientSampleId :

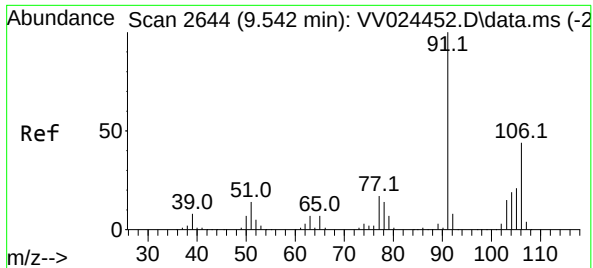
Tgt Ion: 91 Resp: 254323
Ion Ratio Lower Upper
91 100
106 30.3 22.0 41.0



#53
m,p-xylene
Concen: 5.253 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV024475.D
Acq: 28 Jan 2022 00:44

Tgt Ion:106 Resp: 98138
Ion Ratio Lower Upper
106 100
91 205.1 139.5 259.1

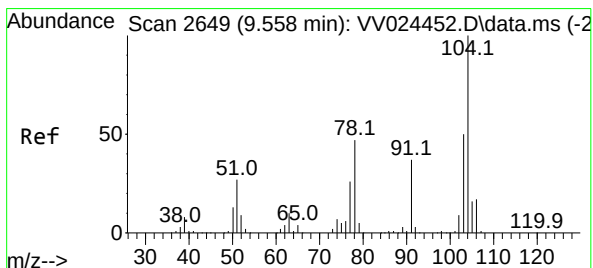
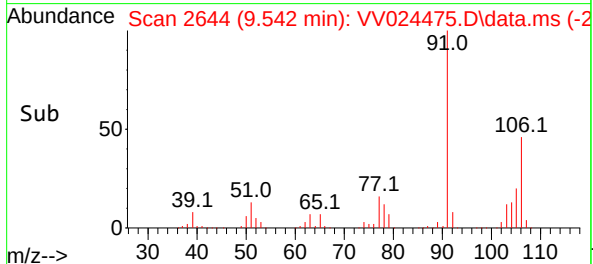
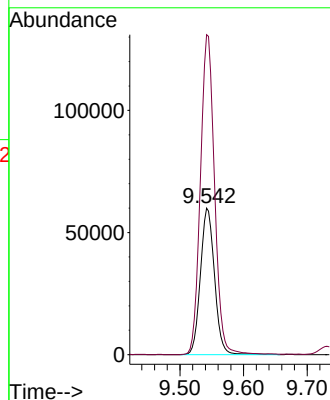
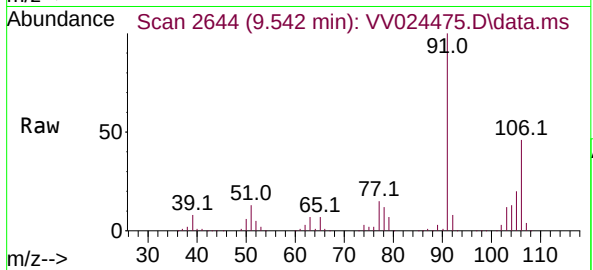




#54
o-xylene
Concen: 5.252 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024475.D
Acq: 28 Jan 2022 00:44

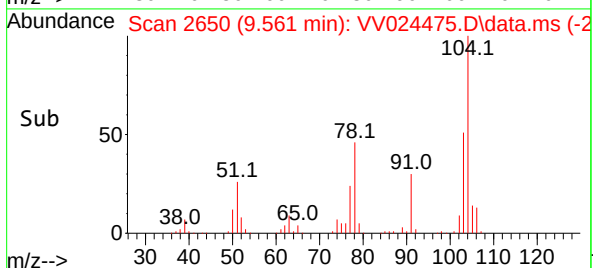
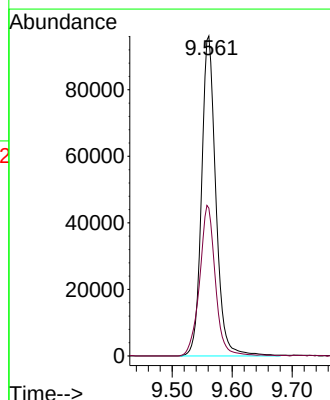
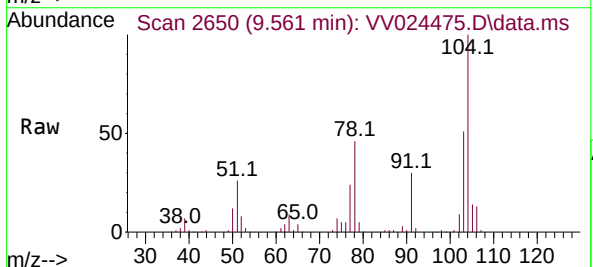
Instrument :
MSVOA_V
ClientSampleId :

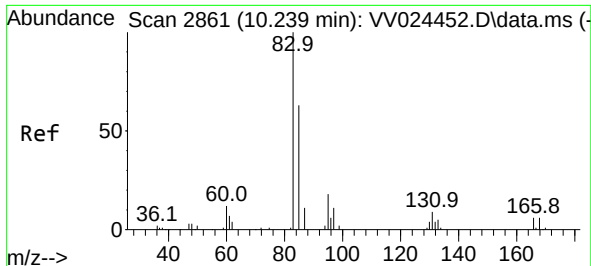
Tgt Ion:106 Resp: 92478
Ion Ratio Lower Upper
106 100
91 218.4 147.9 274.7



#55
Styrene
Concen: 5.443 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV024475.D
Acq: 28 Jan 2022 00:44

Tgt Ion:104 Resp: 160250
Ion Ratio Lower Upper
104 100
78 46.2 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.425 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV024475.D

Acq: 28 Jan 2022 00:44

Instrument :

MSVOA_V

ClientSampleId :

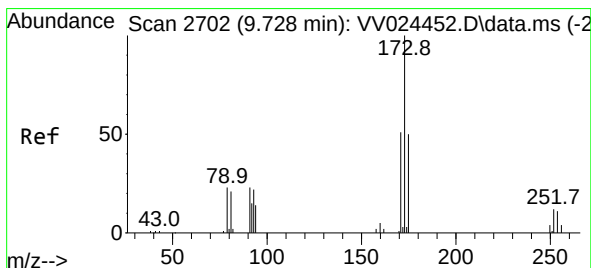
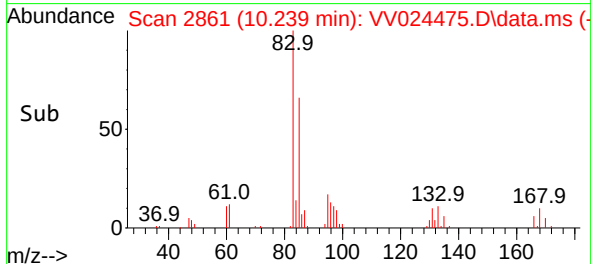
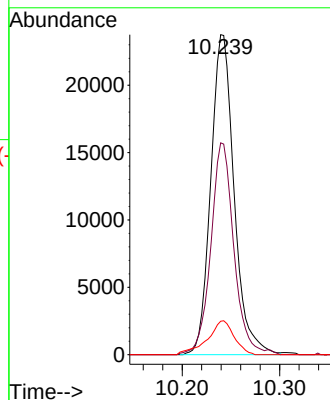
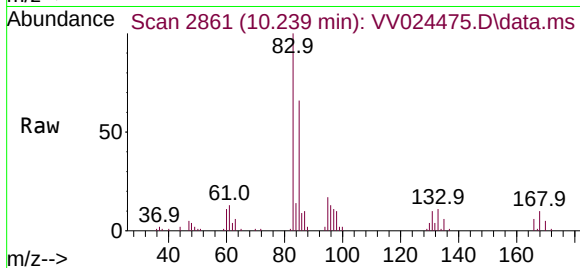
Tgt Ion: 83 Resp: 39450

Ion Ratio Lower Upper

83 100

85 66.2 44.6 82.8

131 10.5 8.3 12.5



#59

Bromoform

Concen: 5.116 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV024475.D

Acq: 28 Jan 2022 00:44

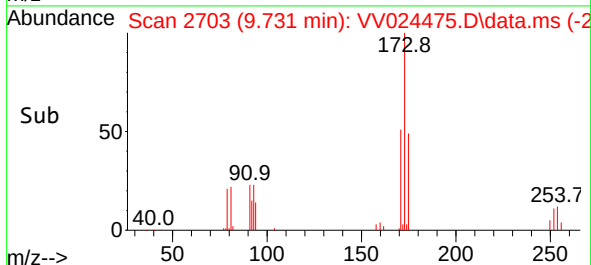
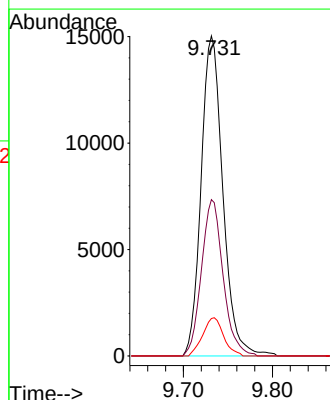
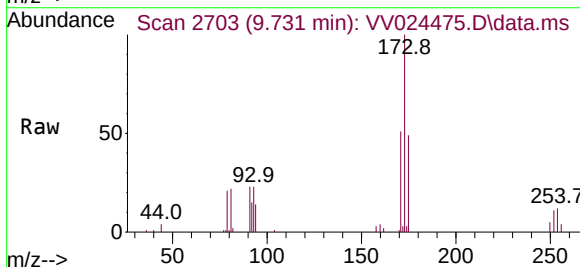
Tgt Ion: 173 Resp: 25495

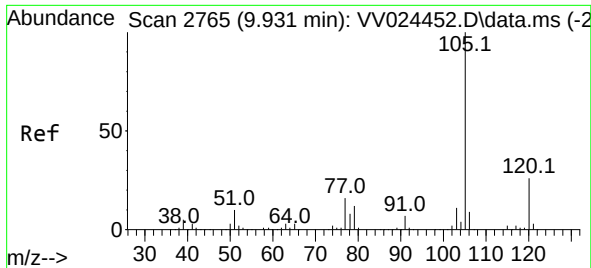
Ion Ratio Lower Upper

173 100

175 48.6 39.4 59.2

254 11.5 7.4 11.0#

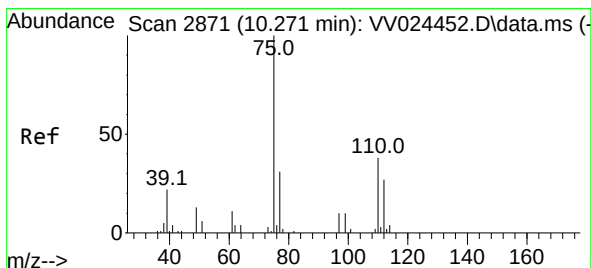
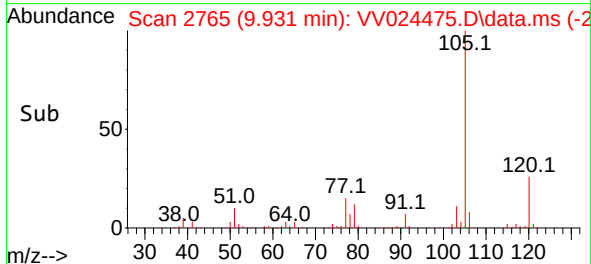
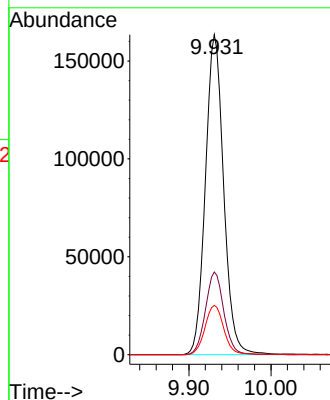
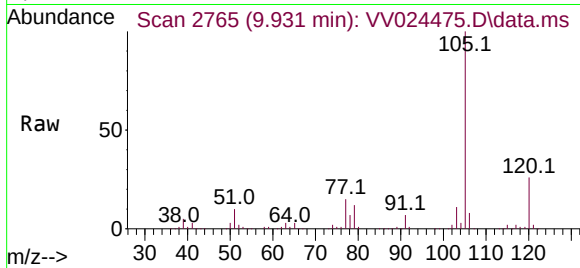




#60
Isopropylbenzene
Concen: 5.236 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV024475.D
Acq: 28 Jan 2022 00:44

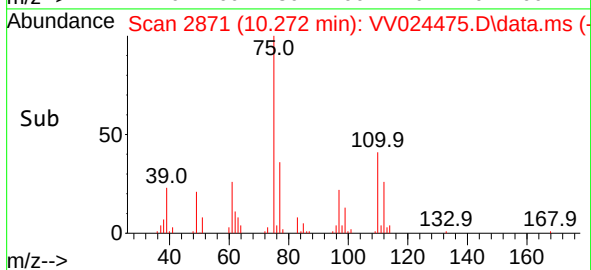
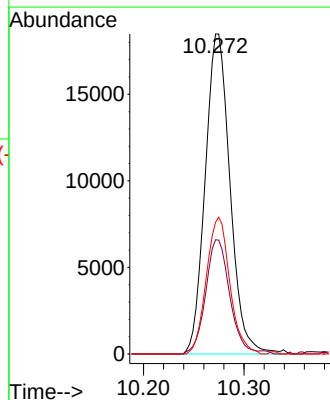
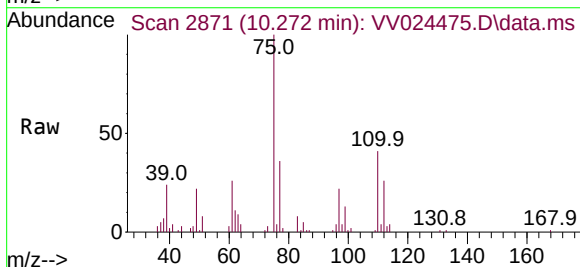
Instrument :
MSVOA_V
ClientSampleId :

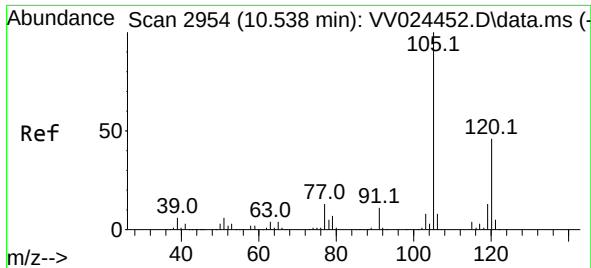
Tgt Ion:105 Resp: 252734
Ion Ratio Lower Upper
105 100
120 26.1 21.4 32.0
77 16.0 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.162 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024475.D
Acq: 28 Jan 2022 00:44

Tgt Ion: 75 Resp: 31705
Ion Ratio Lower Upper
75 100
77 34.7 26.4 39.6
110 40.3 34.2 51.2

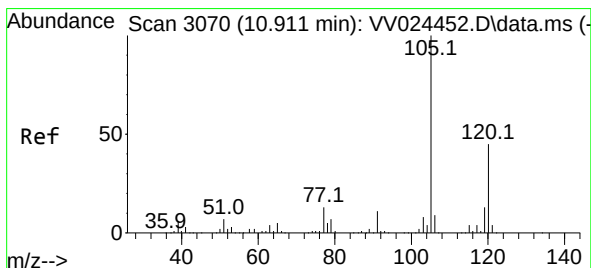
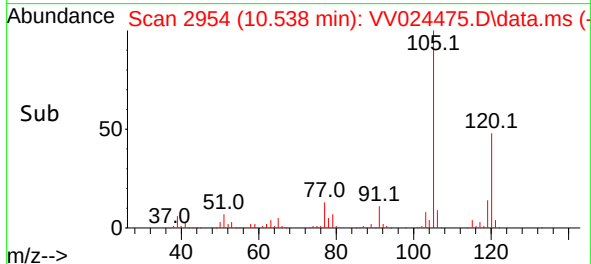
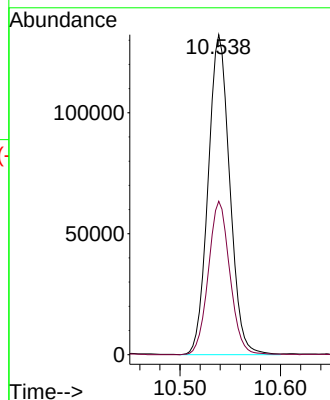
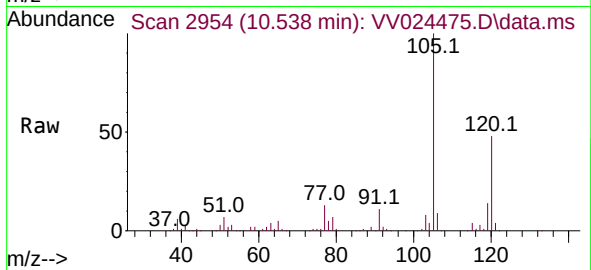




#62
 1,3,5-Trimethylbenzene
 Concen: 5.083 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV024475.D
 Acq: 28 Jan 2022 00:44

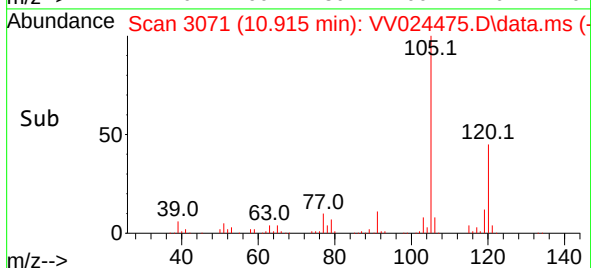
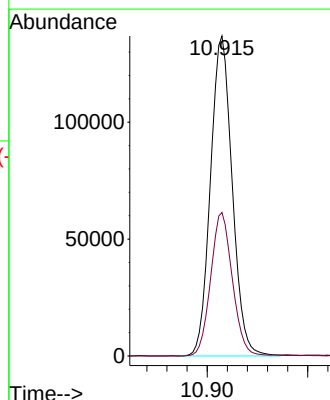
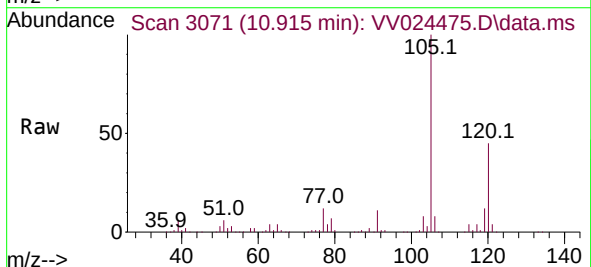
Instrument :
 MSVOA_V
 ClientSampleId :

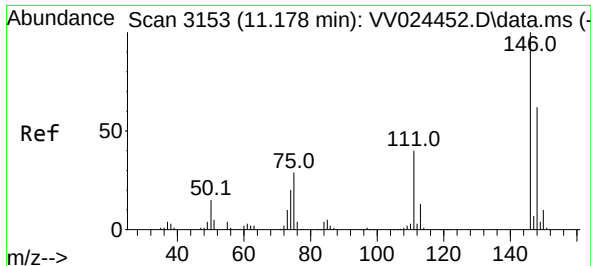
Tgt Ion:105 Resp: 197561
 Ion Ratio Lower Upper
 105 100
 120 47.8 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 5.155 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV024475.D
 Acq: 28 Jan 2022 00:44

Tgt Ion:105 Resp: 205606
 Ion Ratio Lower Upper
 105 100
 120 44.8 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 5.267 ug/L

RT: 11.182 min Scan# 3153

Delta R.T. 0.003 min

Lab File: VV024475.D

Acq: 28 Jan 2022 00:44

Instrument :

MSVOA_V

ClientSampleId :

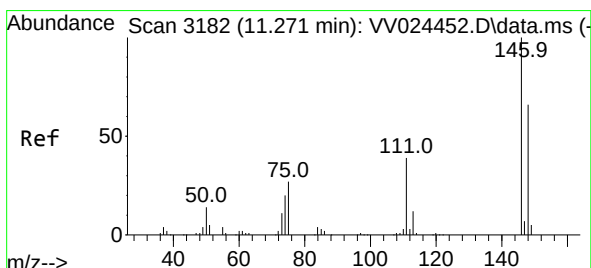
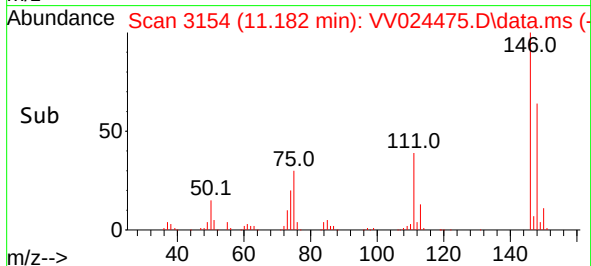
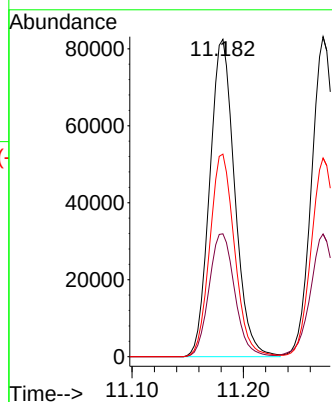
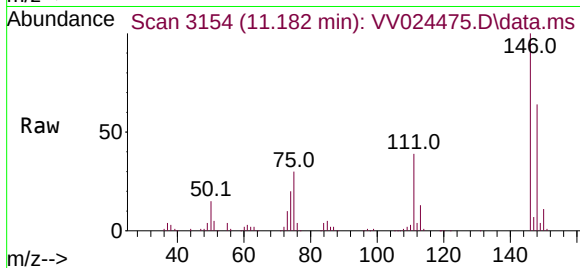
Tgt Ion:146 Resp: 128524

Ion Ratio Lower Upper

146 100

111 38.7 26.3 48.9

148 63.8 44.4 82.5



#65

1,4-Dichlorobenzene

Concen: 5.189 ug/L

RT: 11.272 min Scan# 3182

Delta R.T. 0.000 min

Lab File: VV024475.D

Acq: 28 Jan 2022 00:44

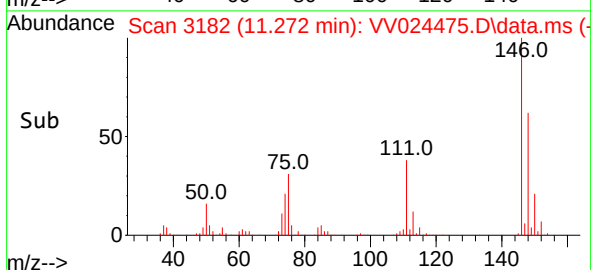
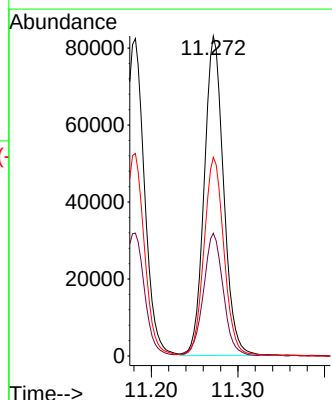
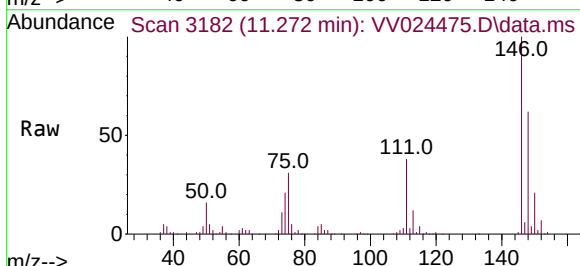
Tgt Ion:146 Resp: 128908

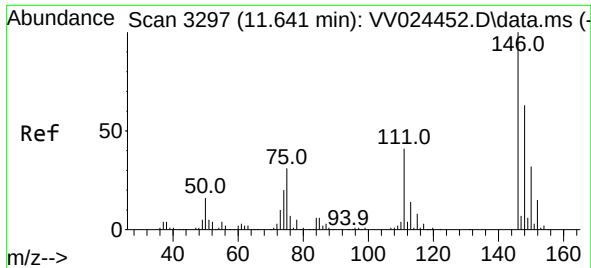
Ion Ratio Lower Upper

146 100

111 38.3 25.6 47.6

148 62.1 44.8 83.2

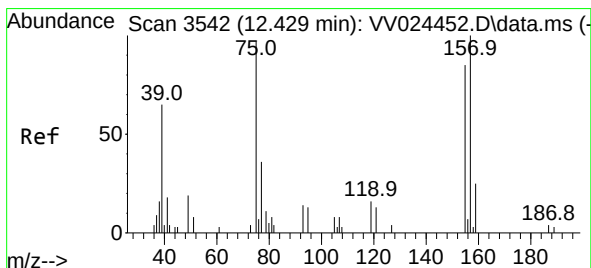
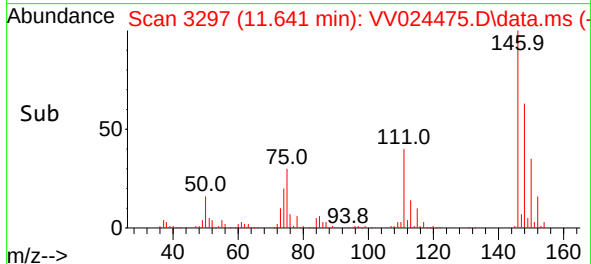
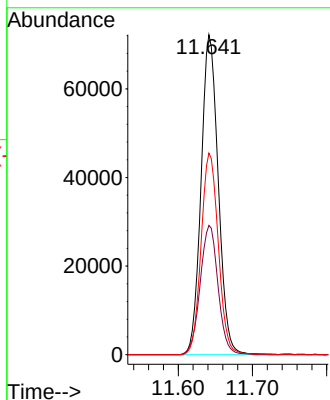
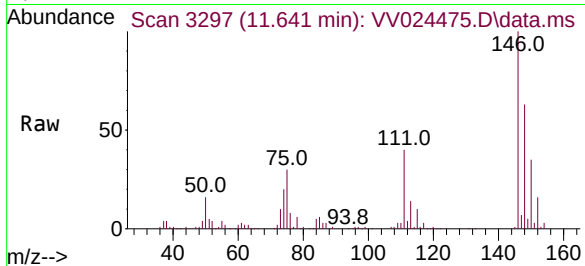




#67
1,2-Dichlorobenzene
Concen: 5.172 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV024475.D
Acq: 28 Jan 2022 00:44

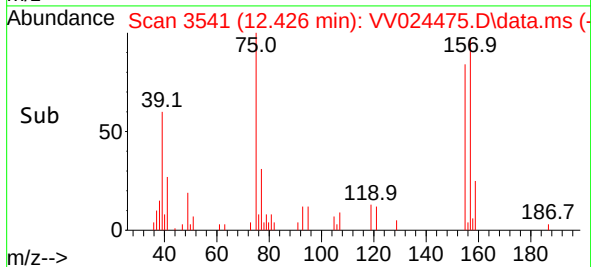
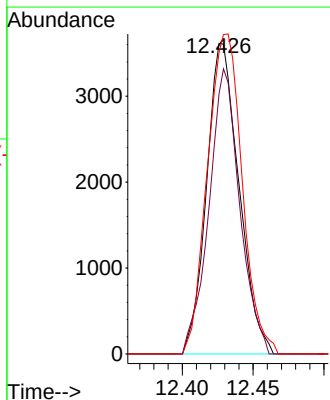
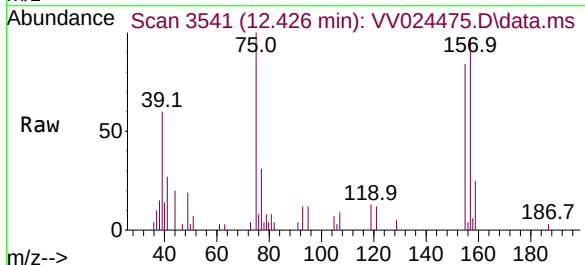
Instrument :
MSVOA_V
ClientSampleId :

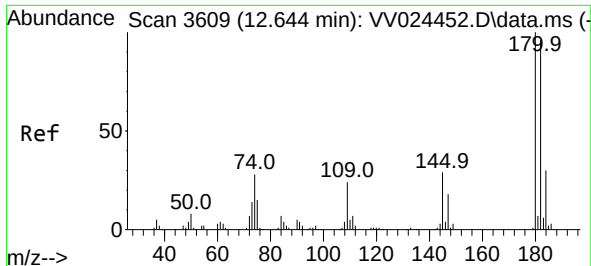
Tgt Ion:146 Resp: 115841
Ion Ratio Lower Upper
146 100
111 40.4 31.9 47.9
148 63.0 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 4.808 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV024475.D
Acq: 28 Jan 2022 00:44

Tgt Ion: 75 Resp: 5743
Ion Ratio Lower Upper
75 100
155 83.7 71.7 107.5
157 97.0 103.3 154.9#





#69

1,3,5-Trichlorobenzene

Concen: 5.144 ug/L

RT: 12.645 min Scan# 30

Delta R.T. 0.000 min

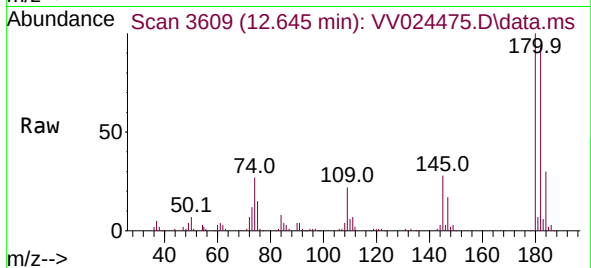
Lab File: VV024475.D

Acq: 28 Jan 2022 00:44

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 102306

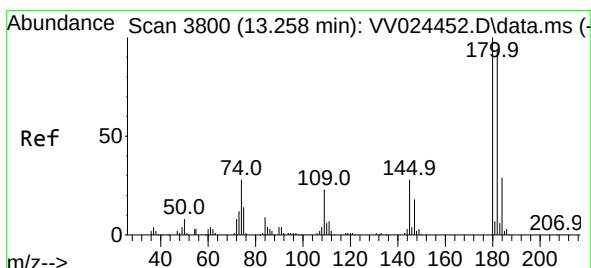
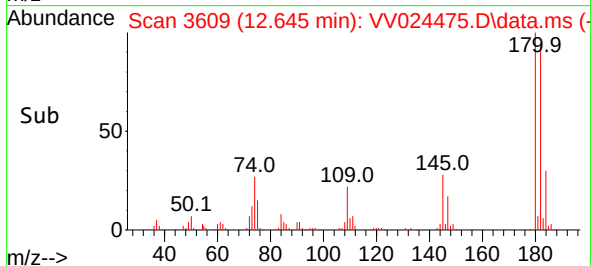
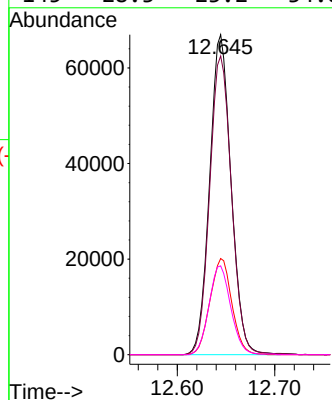
Ion Ratio Lower Upper

180 100

182 95.2 76.4 114.6

184 30.7 24.2 36.4

145 28.3 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 4.984 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV024475.D

Acq: 28 Jan 2022 00:44

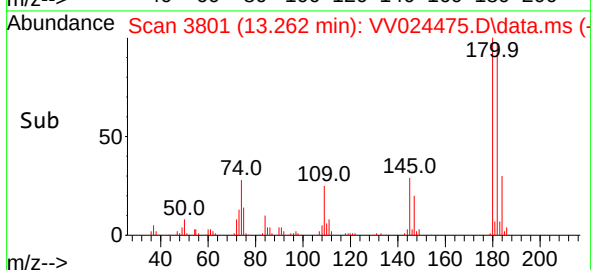
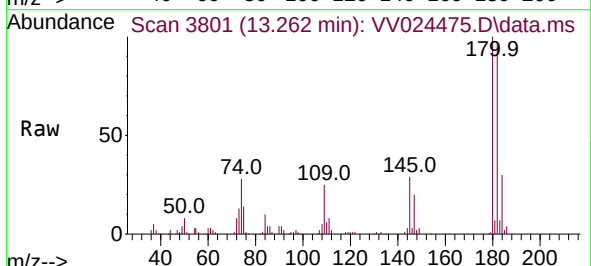
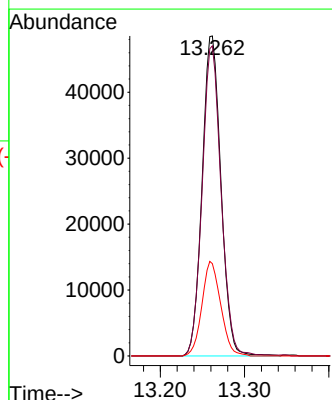
Tgt Ion:180 Resp: 75501

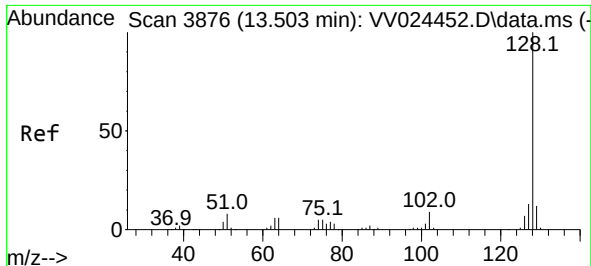
Ion Ratio Lower Upper

180 100

182 97.5 74.4 111.6

145 29.5 23.3 34.9

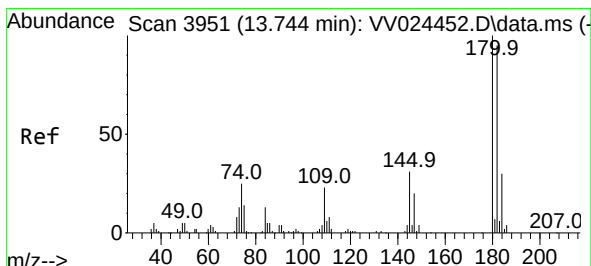
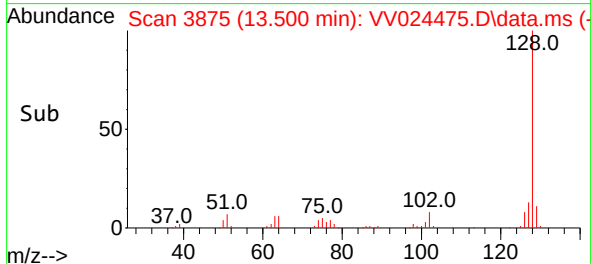
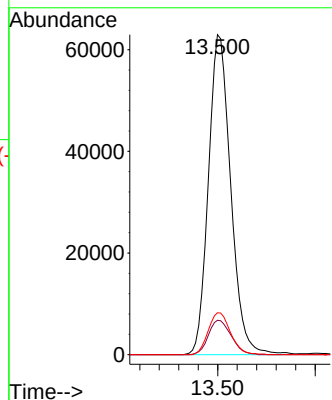
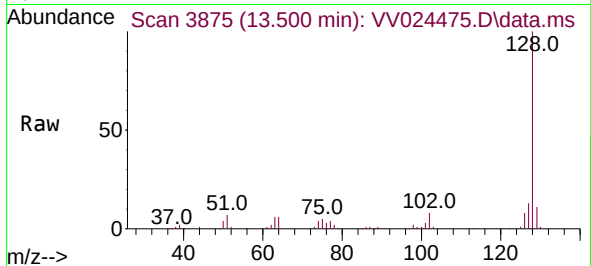




#71
Naphthalene
Concen: 5.231 ug/L
RT: 13.500 min Scan# 3876
Delta R.T. -0.003 min
Lab File: VV024475.D
Acq: 28 Jan 2022 00:44

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 99918
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.1 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.288 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.003 min
Lab File: VV024475.D
Acq: 28 Jan 2022 00:44

Tgt Ion:180 Resp: 68336
Ion Ratio Lower Upper
180 100
182 95.1 76.8 115.2
145 30.5 25.8 38.6

