

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072022\
 Data File : VW026861.D
 Acq On : 20 Jul 2022 20:25
 Operator : SY/MD
 Sample : N3802-09MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 21 01:53:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 21 01:47:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	239333	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	236414	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	130023	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	66281	3.036	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.800%
7) Chloroethane-d5	1.561	69	67016	3.552	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.000%
11) 1,1-Dichloroethene-d2	2.105	63	144945	3.458	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	3.883	46	218930	64.245	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.500%
24) Chloroform-d	4.346	84	176041	4.611	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.031	65	78004	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.047	84	292874	4.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.069	67	102429	4.755	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.313	98	250167	3.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	7.622	79	30759	4.365	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.088	63	180511	59.163	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.320%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	90255	5.379	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	101592	4.484	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	146770	4.824	ug/L	100
3) Chloromethane	1.240	50	125612	4.302	ug/L	99
5) Vinyl chloride	1.307	62	138062	4.644	ug/L	100
6) Bromomethane	1.516	94	76568	4.303	ug/L	97
8) Chloroethane	1.581	64	82696	4.721	ug/L	97
9) Trichlorofluoromethane	1.748	101	184267	4.877	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	173396	8.012	ug/L	99
12) 1,1-Dichloroethene	2.114	96	106016	5.052	ug/L	85
13) Acetone	2.172	43	135580	47.287	ug/L #	28
14) Carbon disulfide	2.288	76	284597	4.603	ug/L	100
15) Methyl Acetate	2.433	43	29641	5.112	ug/L	93
16) Methylene chloride	2.503	84	110047	4.403	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	186181	5.150	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	105438	5.467	ug/L	95
19) 1,1-Dichloroethane	3.185	63	211583	6.007	ug/L	99
21) 2-Butanone	3.966	43	198934	59.494	ug/L	96
22) cis-1,2-Dichloroethene	3.905	96	521250	26.795	ug/L	99
23) Bromochloromethane	4.246	128	49039	5.472	ug/L	97
25) Chloroform	4.371	83	203208	5.509	ug/L	100

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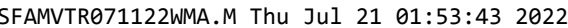
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 ClientSampleId :

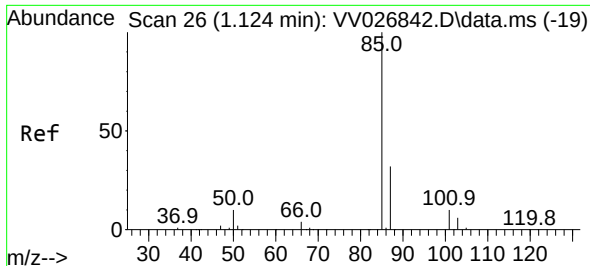
Quant Time: Jul 21 01:53:35 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 21 01:47:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	105747	5.320	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	172776	5.423	ug/L	99
30) Cyclohexane	4.674	56	132552	4.883	ug/L	97
31) Carbon tetrachloride	4.825	117	150829	5.361	ug/L	98
33) Benzene	5.098	78	422690	5.348	ug/L	100
34) Trichloroethene	5.908	95	783135	40.314	ug/L	98
35) Methylcyclohexane	6.130	83	153338	5.172	ug/L	98
37) 1,2-Dichloropropane	6.172	63	109109	5.773	ug/L	99
38) Bromodichloromethane	6.510	83	133017	5.399	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	121377	5.168	ug/L	96
40) 4-Methyl-2-pentanone	7.227	43	470959	53.946	ug/L	98
42) Toluene	7.387	91	446355	5.592	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	102991	5.340	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	75207	5.443	ug/L	94
47) Tetrachloroethene	7.973	164	449524	29.505	ug/L	99
48) 2-Hexanone	8.140	43	346221	54.795	ug/L	97
49) Dibromochloromethane	8.246	129	85481	5.369	ug/L	99
50) 1,2-Dibromoethane	8.352	107	66797	5.464	ug/L	99
51) Chlorobenzene	8.879	112	280774	5.563	ug/L	97
52) Ethylbenzene	9.011	91	415471	5.259	ug/L	99
53) m,p-Xylene	9.136	106	166006	5.404	ug/L	99
54) o-Xylene	9.542	106	155582	5.329	ug/L	95
55) Styrene	9.561	104	153796	3.006	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	88693	5.423	ug/L	97
59) Bromoform	9.731	173	40903	4.903	ug/L	97
60) Isopropylbenzene	9.931	105	409396	5.048	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	60685	5.061	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	312265	4.840	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	320691	4.895	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	214491	5.398	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	218068	5.397	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	199089	5.365	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	12090	4.756	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	143500	5.109	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	107945	5.054	ug/L	99
71) Naphthalene	13.503	128	160222	4.528	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	98772	4.970	ug/L	98

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

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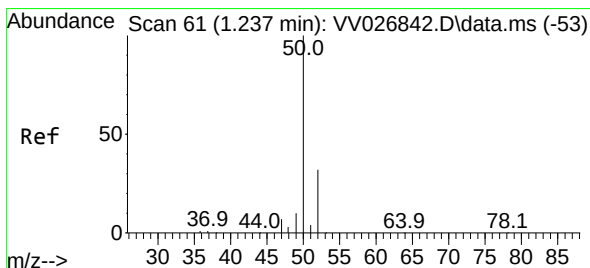
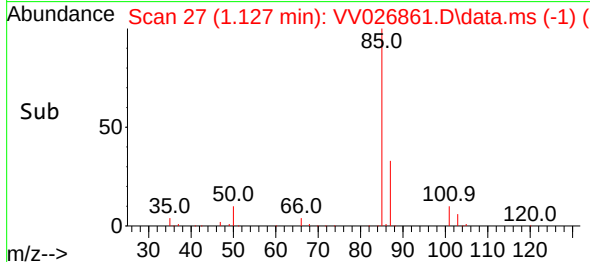
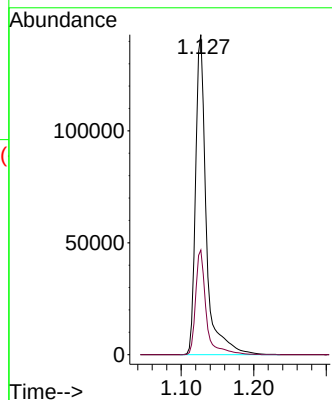
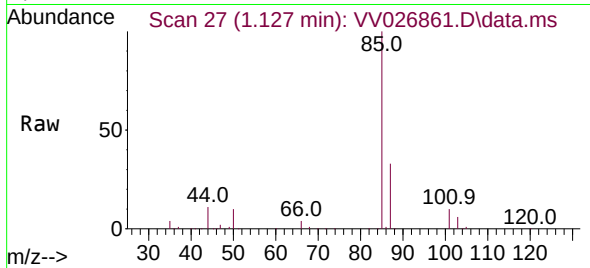




#2
 Dichlorodifluoromethane
 Concen: 4.824 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026861.D
 Acq: 20 Jul 2022 20:25

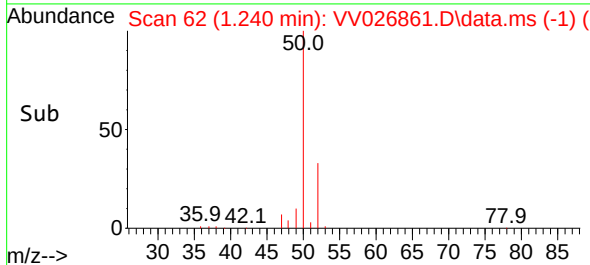
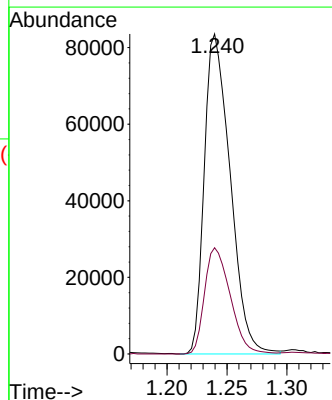
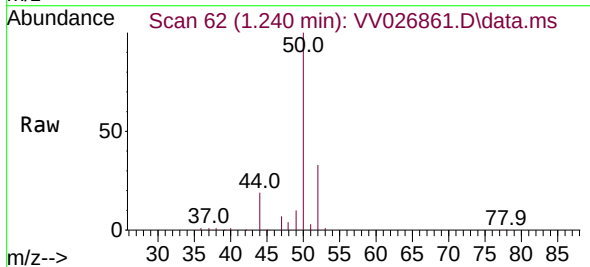
Instrument :
 MSVOA_V
 ClientSampleId :

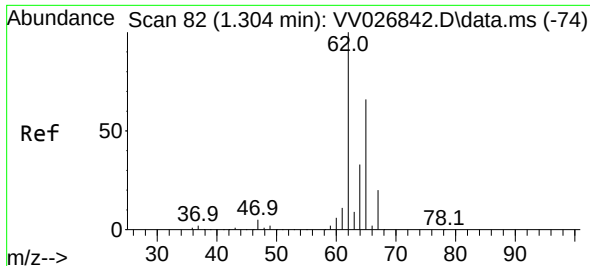
Tgt Ion: 85 Resp: 146770
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.8 38.8



#3
 Chloromethane
 Concen: 4.302 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV026861.D
 Acq: 20 Jul 2022 20:25

Tgt Ion: 50 Resp: 125612
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.8 42.4

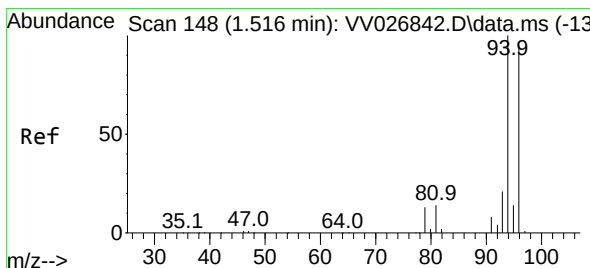
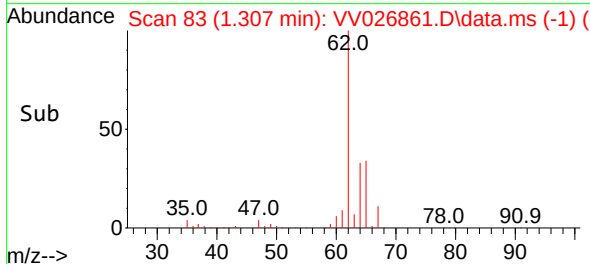
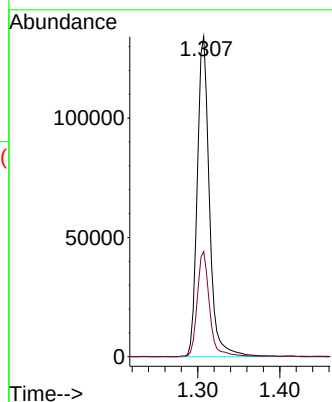
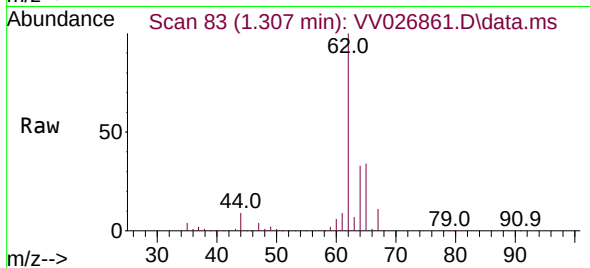




#5
 Vinyl chloride
 Concen: 4.644 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV026861.D
 Acq: 20 Jul 2022 20:25

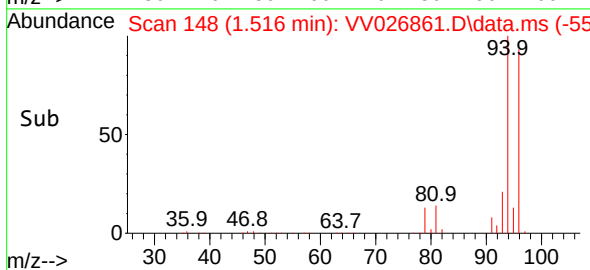
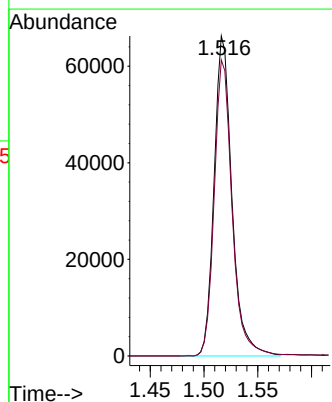
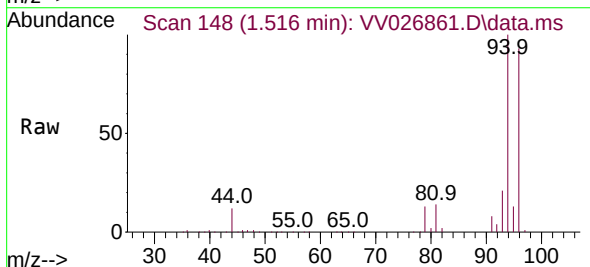
Instrument :
 MSVOA_V
 ClientSampleId :

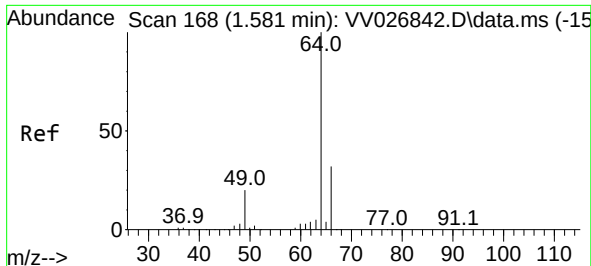
Tgt Ion: 62 Resp: 138062
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.9 42.5



#6
 Bromomethane
 Concen: 4.303 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV026861.D
 Acq: 20 Jul 2022 20:25

Tgt Ion: 94 Resp: 76568
 Ion Ratio Lower Upper
 94 100
 96 92.5 67.1 124.7

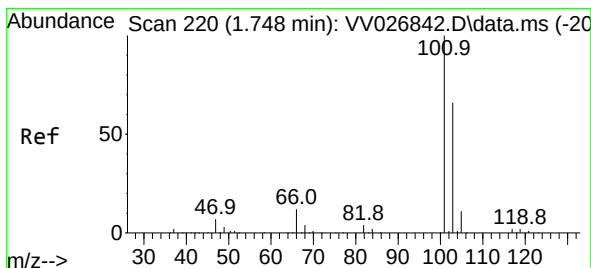
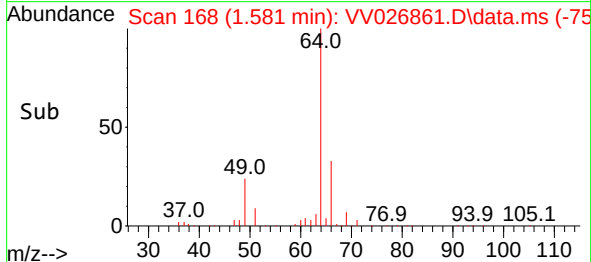
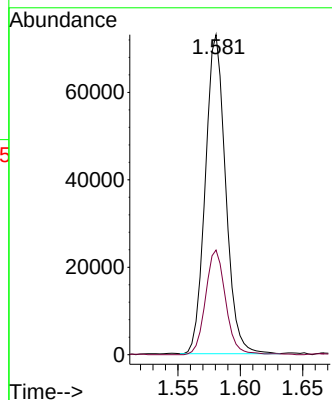
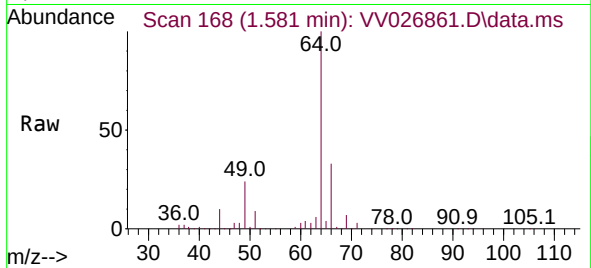




#8
Chloroethane
Concen: 4.721 ug/L
RT: 1.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV026861.D
Acq: 20 Jul 2022 20:25

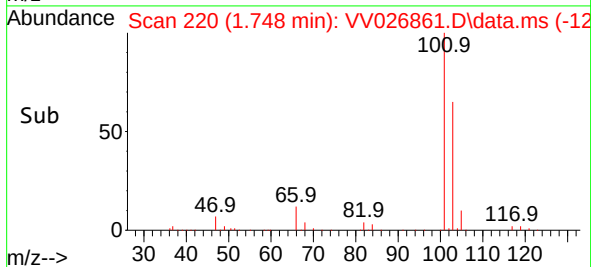
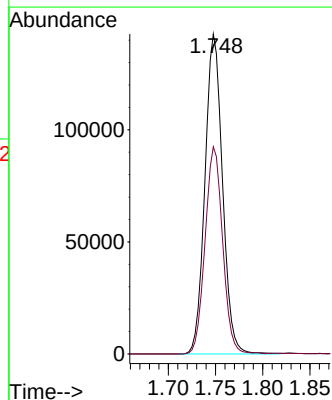
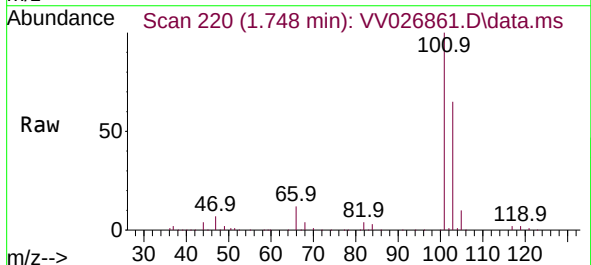
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ClientSampleId :

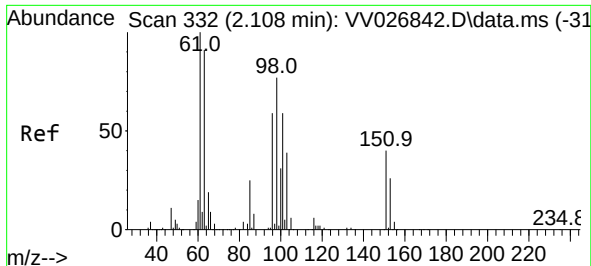
Tgt Ion: 64 Resp: 82696
Ion Ratio Lower Upper
64 100
66 32.7 23.9 44.5



#9
Trichlorofluoromethane
Concen: 4.877 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV026861.D
Acq: 20 Jul 2022 20:25

Tgt Ion:101 Resp: 184267
Ion Ratio Lower Upper
101 100
103 64.8 51.6 77.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 8.012 ug/L

RT: 2.111 min Scan# 331

Delta R.T. 0.003 min

Lab File: VV026861.D

Acq: 20 Jul 2022 20:25

Instrument :

MSVOA_V

ClientSampleId :

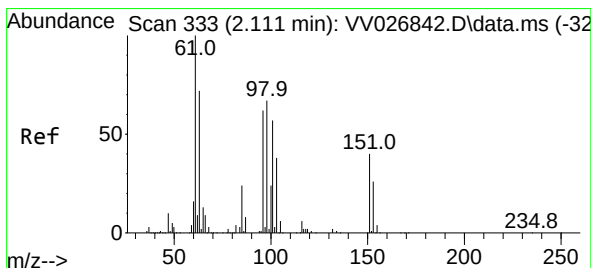
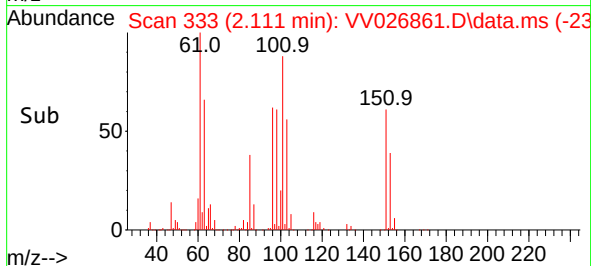
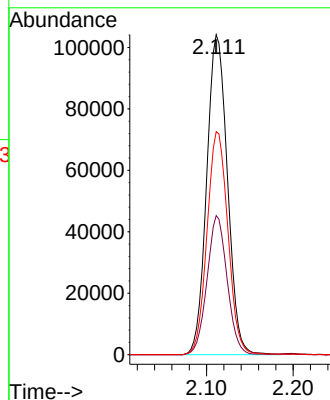
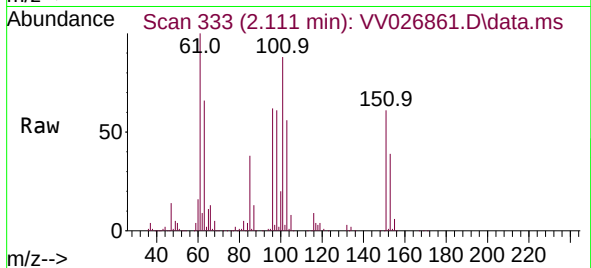
Tgt Ion:101 Resp: 173396

Ion Ratio Lower Upper

101 100

85 42.2 35.0 52.4

151 70.3 56.7 85.1



#12

1,1-Dichloroethene

Concen: 5.052 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.003 min

Lab File: VV026861.D

Acq: 20 Jul 2022 20:25

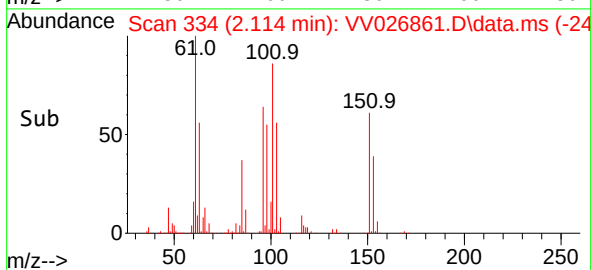
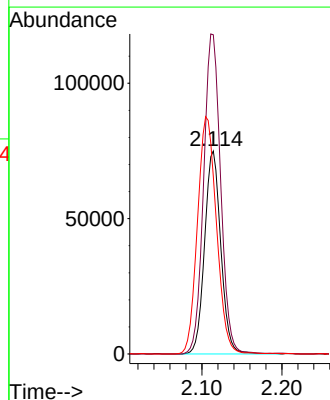
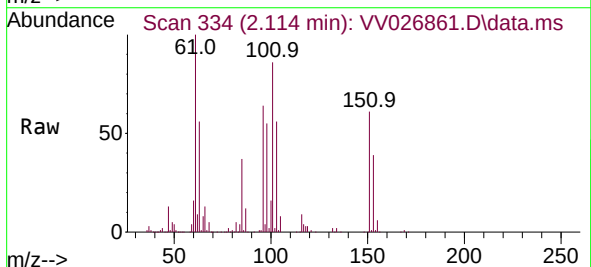
Tgt Ion: 96 Resp: 106016

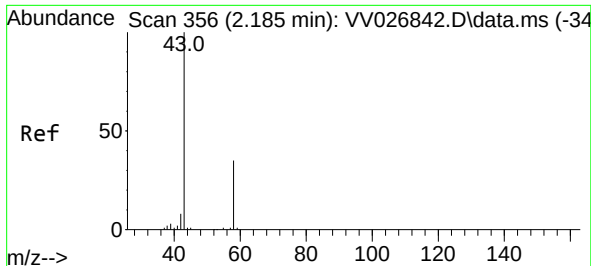
Ion Ratio Lower Upper

96 100

61 157.4 118.3 219.7

63 87.5 79.9 148.3





#13

Acetone

Concen: 47.287 ug/L

RT: 2.172 min Scan# 3

Delta R.T. -0.013 min

Lab File: VV026861.D

Acq: 20 Jul 2022 20:25

Instrument :

MSVOA_V

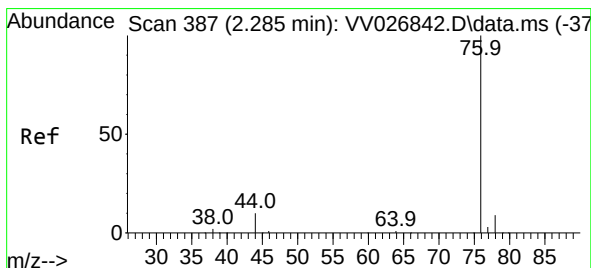
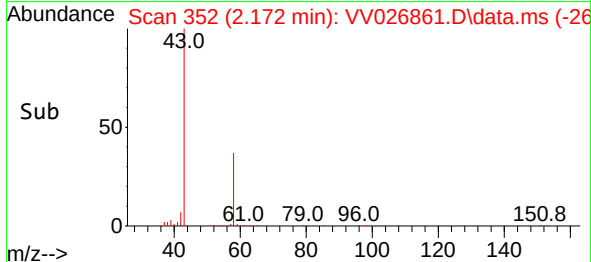
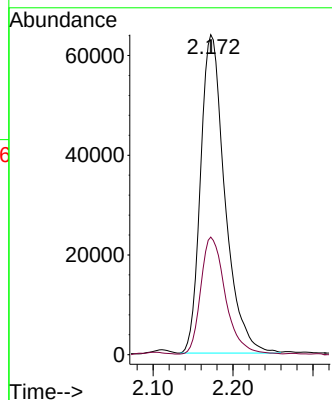
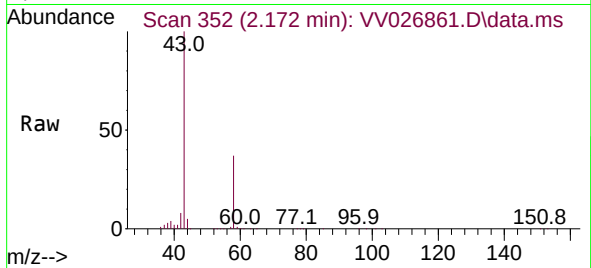
ClientSampleId :

Tgt Ion: 43 Resp: 135580

Ion Ratio Lower Upper

43 100

58 37.2 0.0 20.6#



#14

Carbon disulfide

Concen: 4.603 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV026861.D

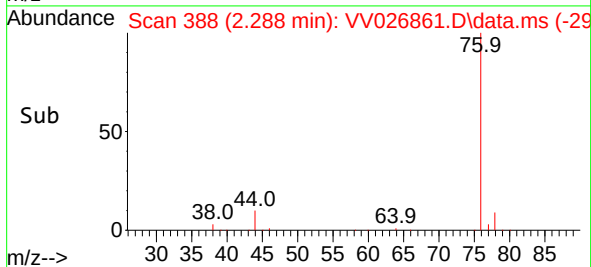
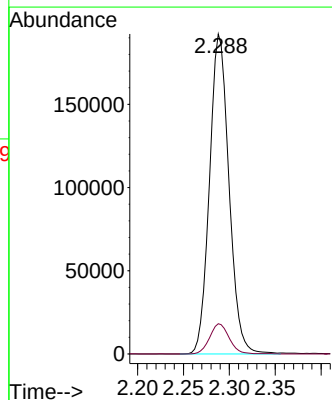
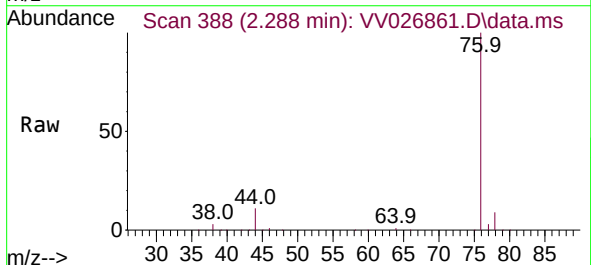
Acq: 20 Jul 2022 20:25

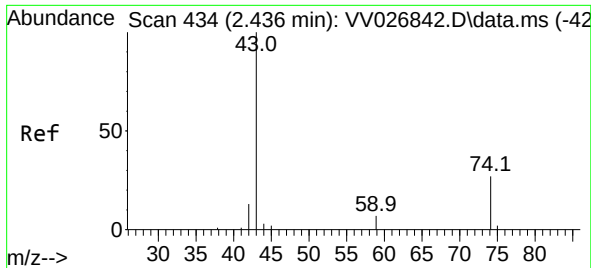
Tgt Ion: 76 Resp: 284597

Ion Ratio Lower Upper

76 100

78 9.5 7.7 11.5

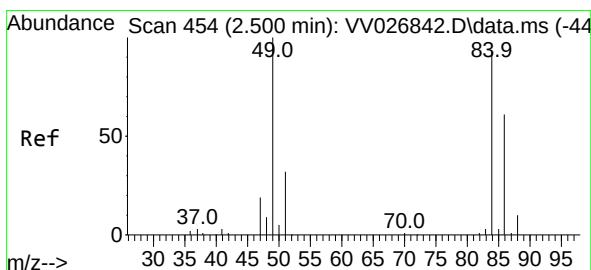
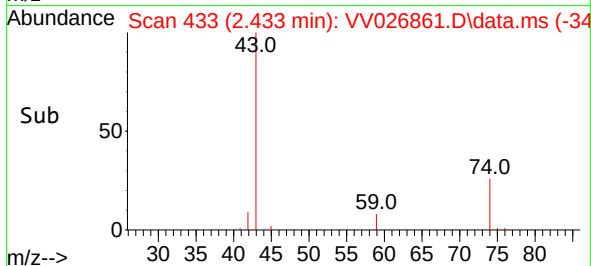
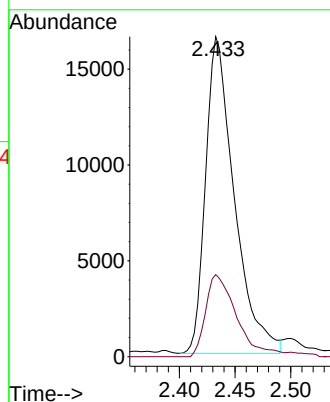
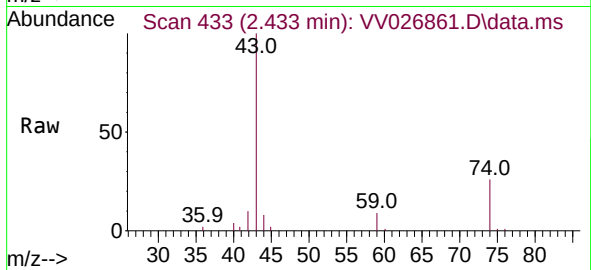




#15
Methyl Acetate
Concen: 5.112 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV026861.D
Acq: 20 Jul 2022 20:25

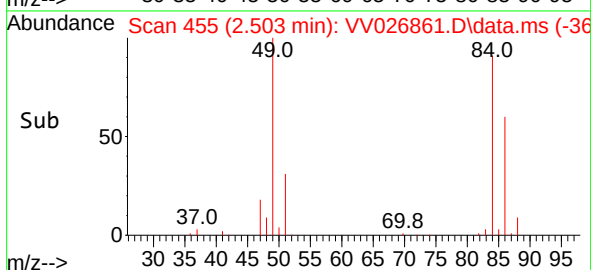
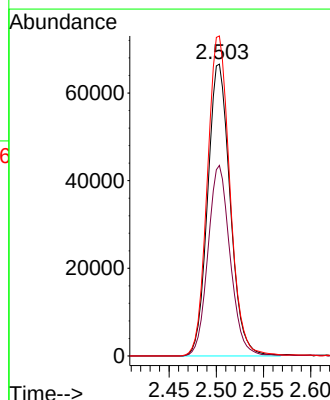
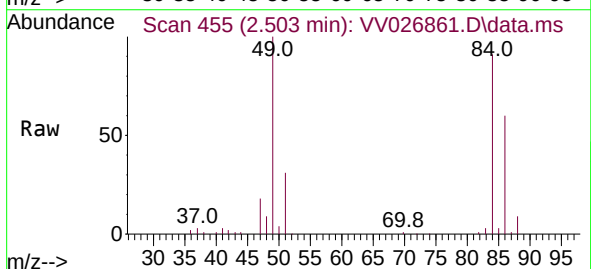
Instrument :
MSVOA_V
ClientSampleId :

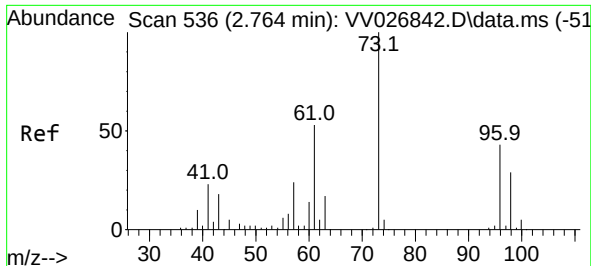
Tgt Ion: 43 Resp: 29641
Ion Ratio Lower Upper
43 100
74 28.8 20.1 30.1



#16
Methylene chloride
Concen: 4.403 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV026861.D
Acq: 20 Jul 2022 20:25

Tgt Ion: 84 Resp: 110047
Ion Ratio Lower Upper
84 100
86 65.3 44.8 83.2
49 109.6 78.7 146.1

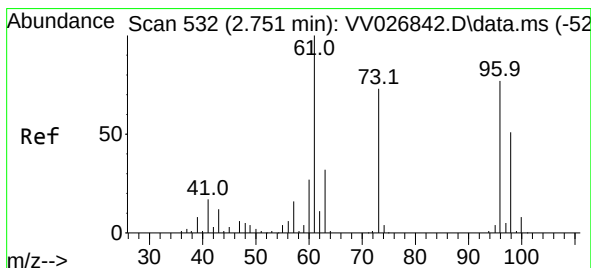
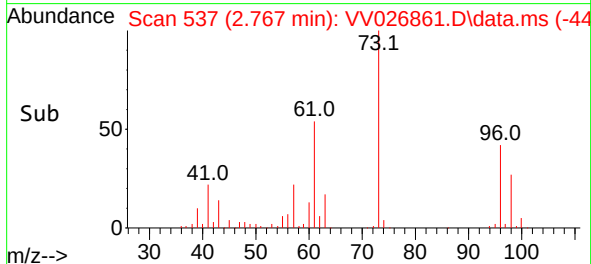
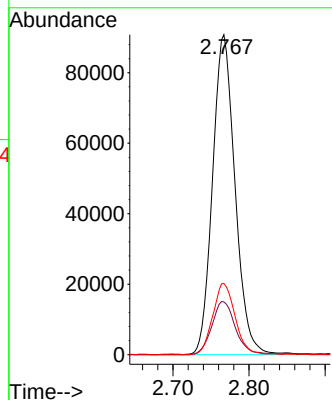
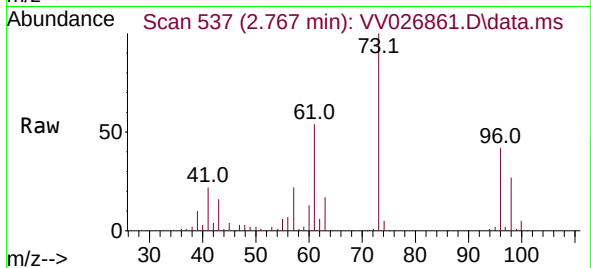




#17
Methyl tert-butyl Ether
Concen: 5.150 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV026861.D
Acq: 20 Jul 2022 20:25

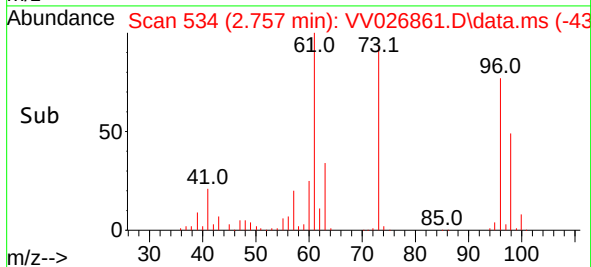
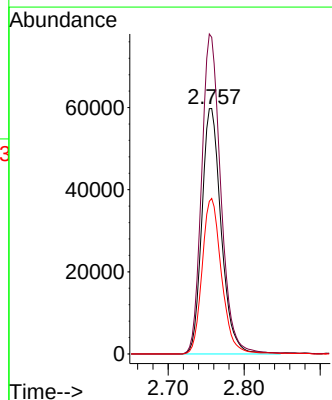
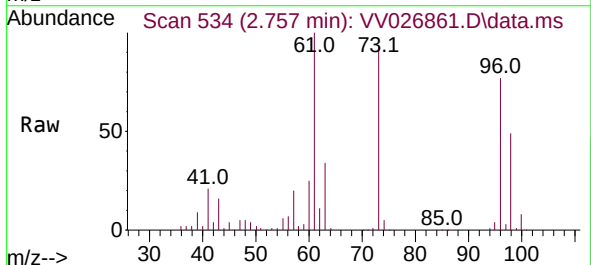
Instrument :
MSVOA_V
ClientSampleId :

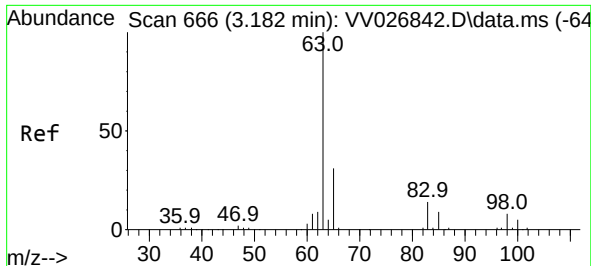
Tgt Ion: 73 Resp: 186181
Ion Ratio Lower Upper
73 100
43 17.5 14.0 21.0
57 22.1 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 5.467 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV026861.D
Acq: 20 Jul 2022 20:25

Tgt Ion: 96 Resp: 105438
Ion Ratio Lower Upper
96 100
61 129.0 94.7 175.9
98 63.4 47.4 88.0





#19

1,1-Dichloroethane

Concen: 6.007 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV026861.D

Acq: 20 Jul 2022 20:25

Instrument :

MSVOA_V

ClientSampleId :

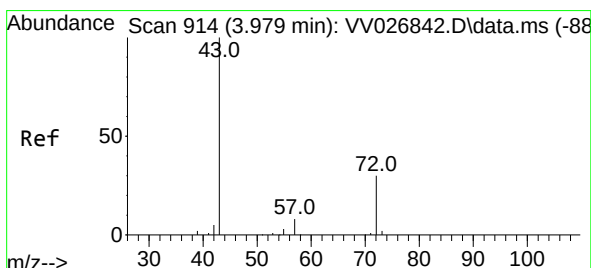
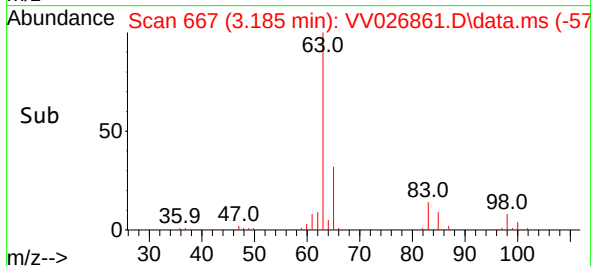
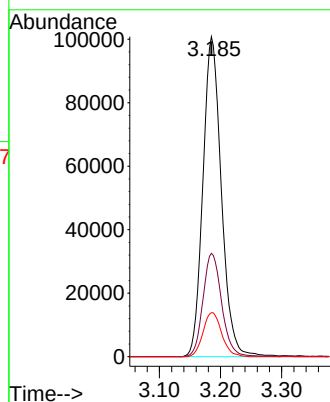
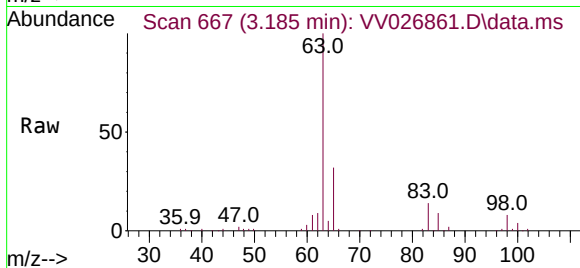
Tgt Ion: 63 Resp: 211583

Ion Ratio Lower Upper

63 100

65 32.3 22.3 41.3

83 13.8 9.9 18.5



#21

2-Butanone

Concen: 59.494 ug/L

RT: 3.966 min Scan# 910

Delta R.T. -0.013 min

Lab File: VV026861.D

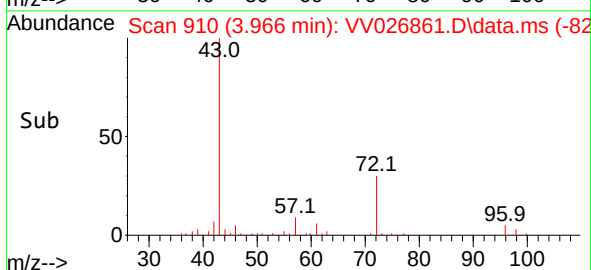
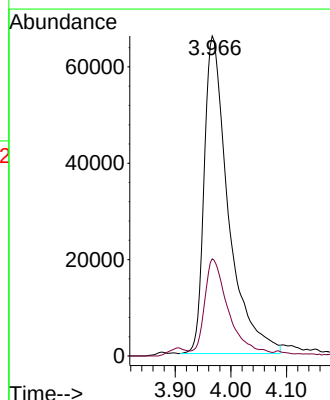
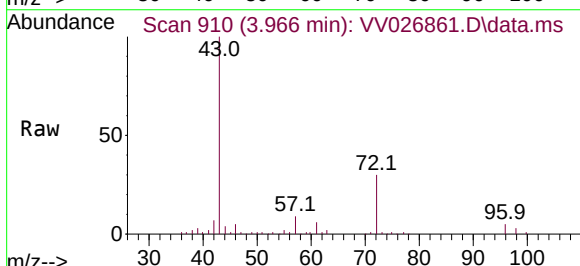
Acq: 20 Jul 2022 20:25

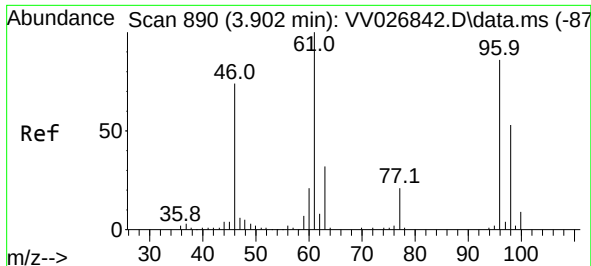
Tgt Ion: 43 Resp: 198934

Ion Ratio Lower Upper

43 100

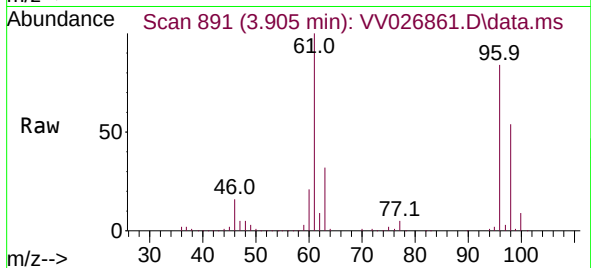
72 29.7 13.9 41.7



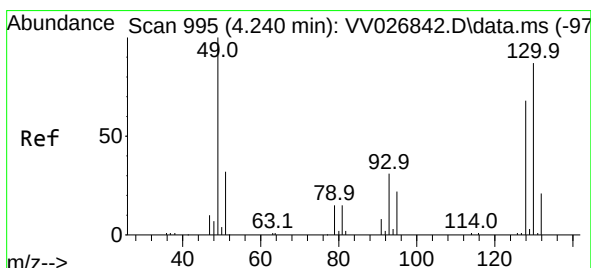
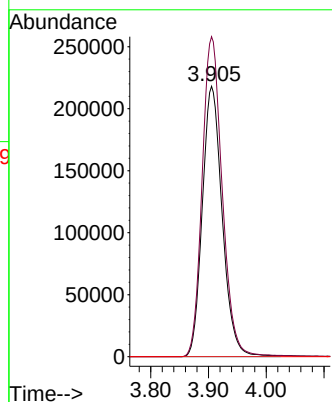
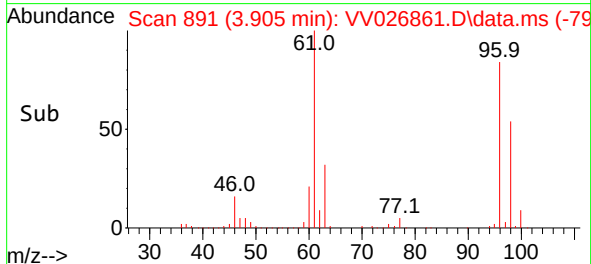


#22
 cis-1,2-Dichloroethene
 Concen: 26.795 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV026861.D
 Acq: 20 Jul 2022 20:25

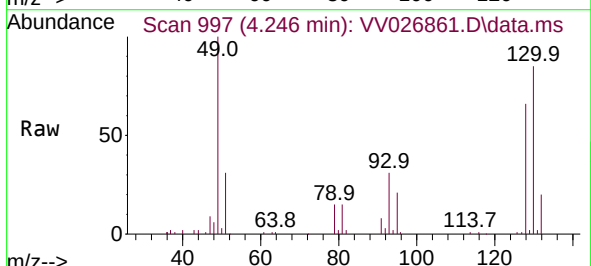
Instrument :
 MSVOA_V
 ClientSampleId :



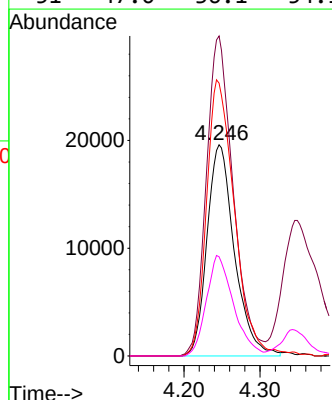
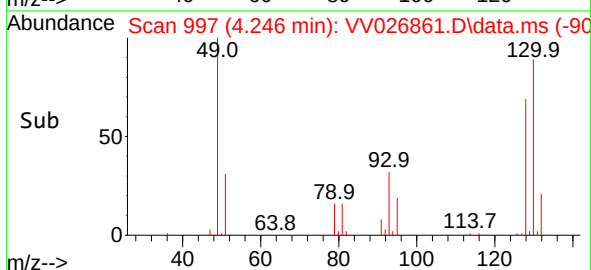
Tgt Ion: 96 Resp: 521250
 Ion Ratio Lower Upper
 96 100
 61 118.4 83.9 155.9
 68 0.0 0.0 0.0

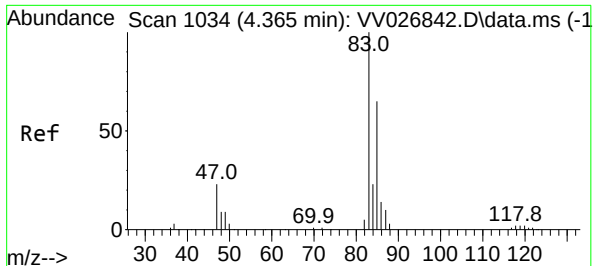


#23
 Bromochloromethane
 Concen: 5.472 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VV026861.D
 Acq: 20 Jul 2022 20:25



Tgt Ion: 128 Resp: 49039
 Ion Ratio Lower Upper
 128 100
 49 151.5 107.2 199.2
 130 129.1 87.1 161.7
 51 47.0 36.1 54.1





#25

Chloroform

Concen: 5.509 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV026861.D

Acq: 20 Jul 2022 20:25

Instrument :

MSVOA_V

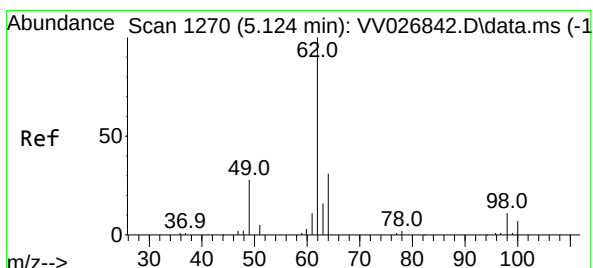
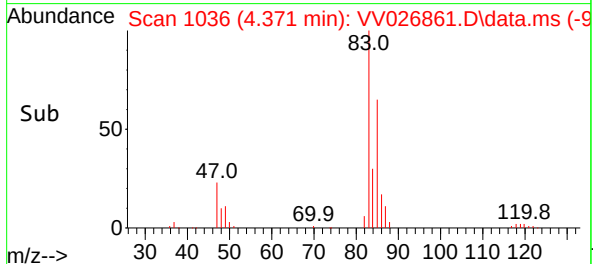
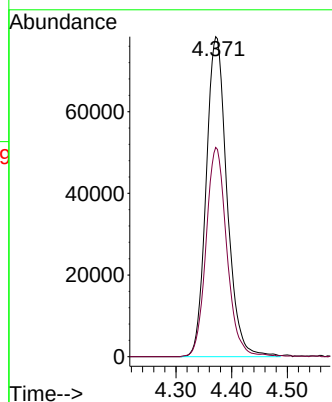
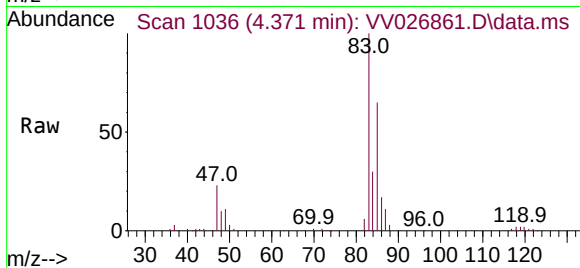
ClientSampleId :

Tgt Ion: 83 Resp: 203208

Ion Ratio Lower Upper

83 100

85 65.4 45.7 84.9



#27

1,2-Dichloroethane

Concen: 5.320 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.006 min

Lab File: VV026861.D

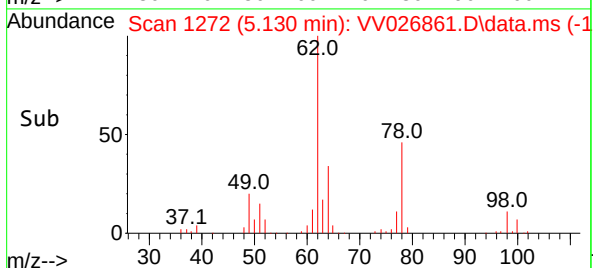
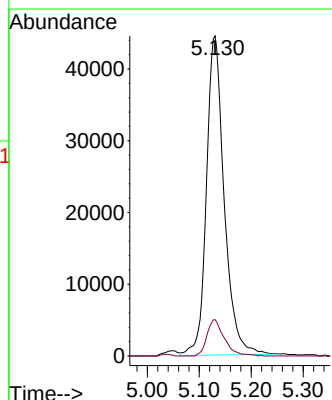
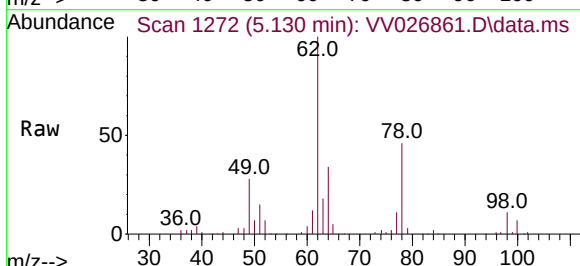
Acq: 20 Jul 2022 20:25

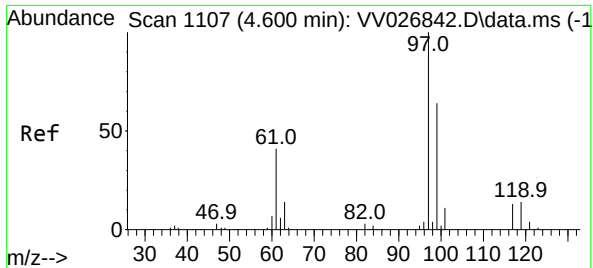
Tgt Ion: 62 Resp: 105747

Ion Ratio Lower Upper

62 100

98 11.4 8.3 12.5





#29

1,1,1-Trichloroethane

Concen: 5.423 ug/L

RT: 4.603 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV026861.D

Acq: 20 Jul 2022 20:25

Instrument :

MSVOA_V

ClientSampleId :

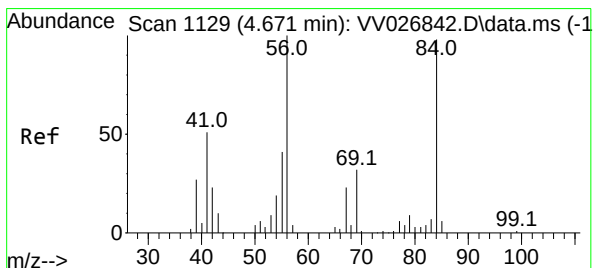
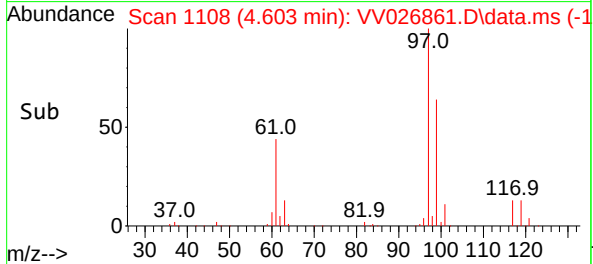
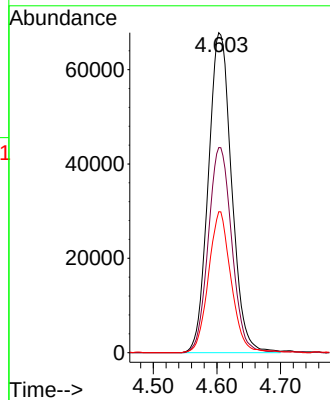
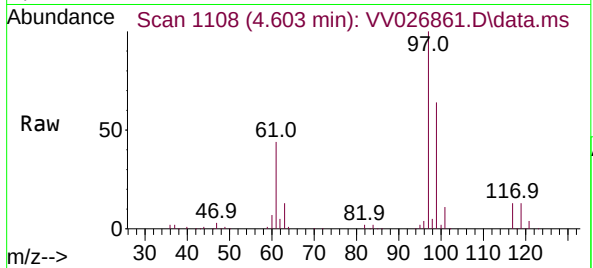
Tgt Ion: 97 Resp: 172776

Ion Ratio Lower Upper

97 100

99 64.5 51.3 76.9

61 42.9 35.1 52.7



#30

Cyclohexane

Concen: 4.883 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VV026861.D

Acq: 20 Jul 2022 20:25

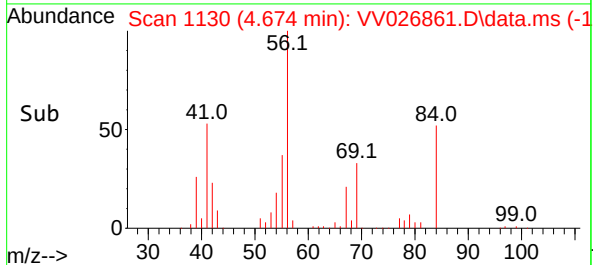
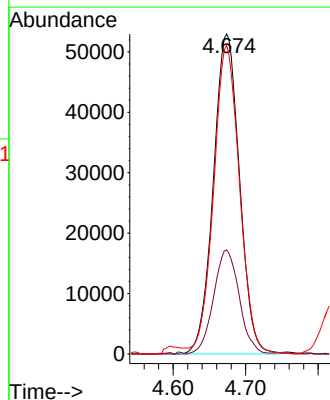
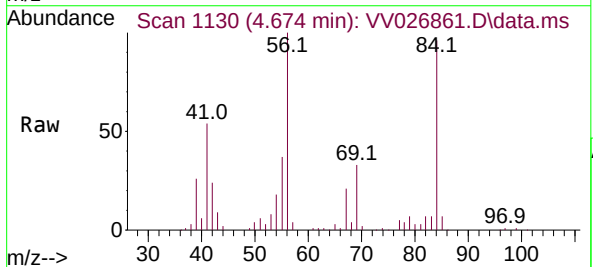
Tgt Ion: 56 Resp: 132552

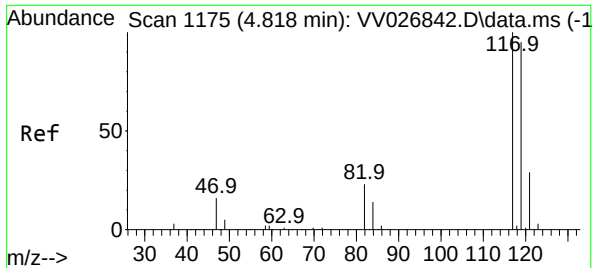
Ion Ratio Lower Upper

56 100

69 31.9 25.1 37.7

84 95.6 74.0 111.0

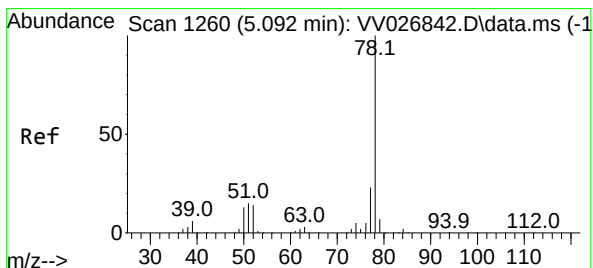
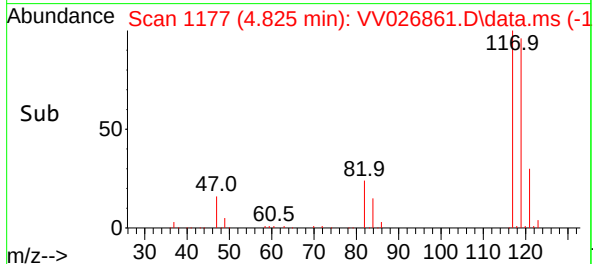
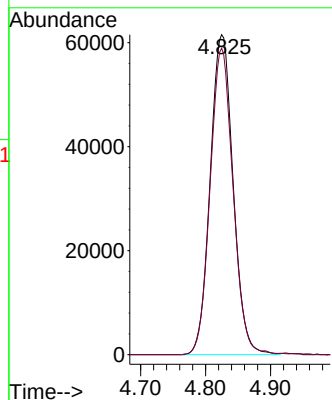
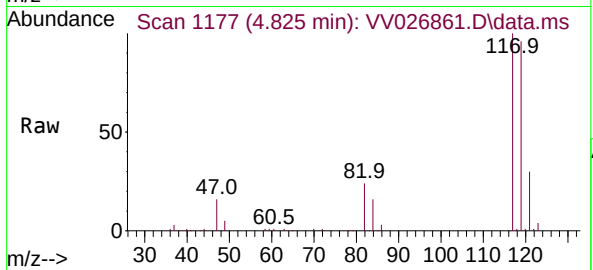




#31
Carbon tetrachloride
Concen: 5.361 ug/L
RT: 4.825 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VV026861.D
Acq: 20 Jul 2022 20:25

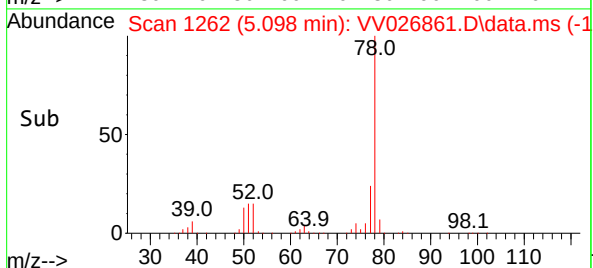
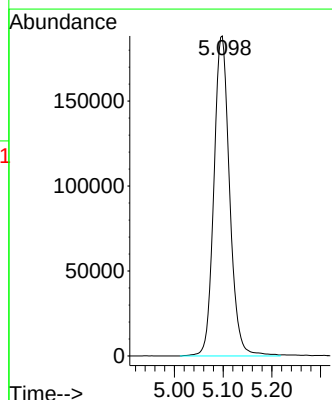
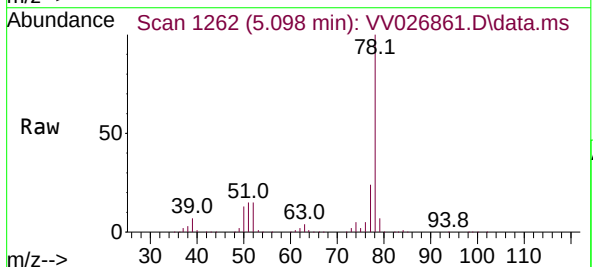
Instrument :
MSVOA_V
ClientSampleId :

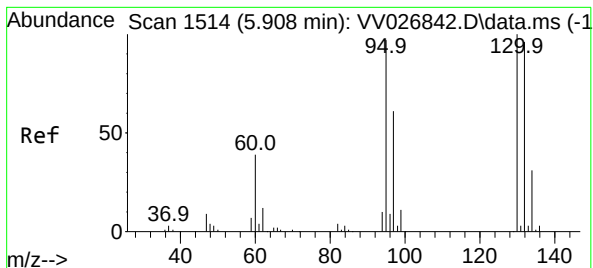
Tgt Ion:117 Resp: 150829
Ion Ratio Lower Upper
117 100
119 95.4 75.1 112.7



#33
Benzene
Concen: 5.348 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VV026861.D
Acq: 20 Jul 2022 20:25

Tgt Ion: 78 Resp: 422690





#34

Trichloroethene

Concen: 40.314 ug/L

RT: 5.908 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV026861.D

Acq: 20 Jul 2022 20:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 783135

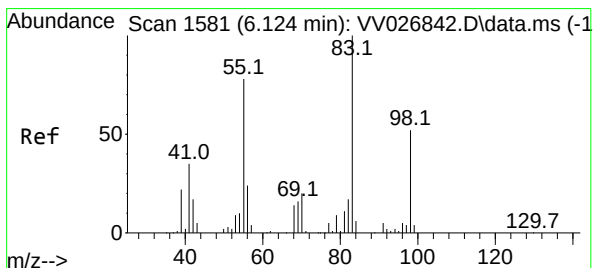
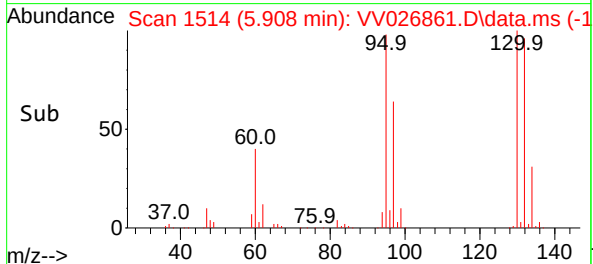
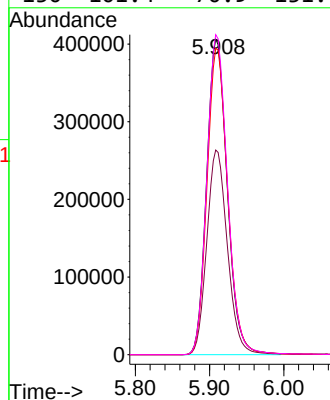
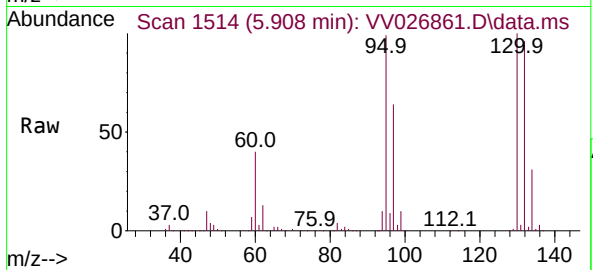
Ion Ratio Lower Upper

95 100

97 64.9 44.6 82.8

132 97.1 70.2 130.4

130 101.4 70.9 131.7



#35

Methylcyclohexane

Concen: 5.172 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.006 min

Lab File: VV026861.D

Acq: 20 Jul 2022 20:25

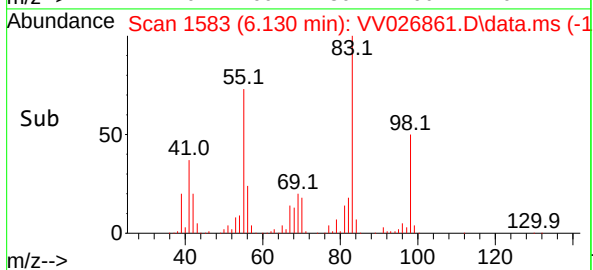
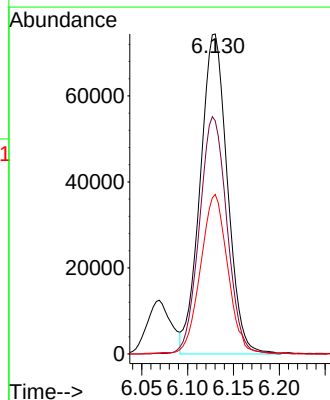
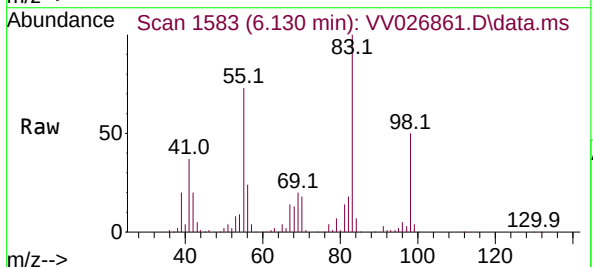
Tgt Ion: 83 Resp: 153338

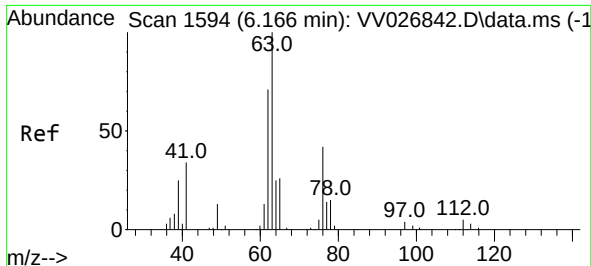
Ion Ratio Lower Upper

83 100

55 75.4 59.5 89.3

98 50.2 38.3 57.5





#37

1,2-Dichloropropane

Concen: 5.773 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV026861.D

Acq: 20 Jul 2022 20:25

Instrument :

MSVOA_V

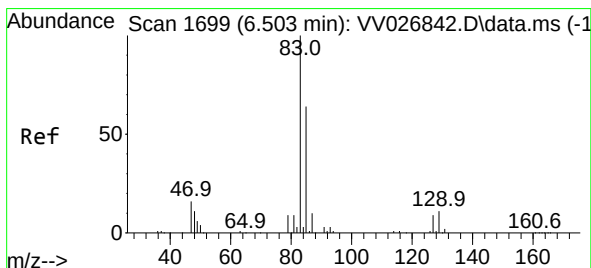
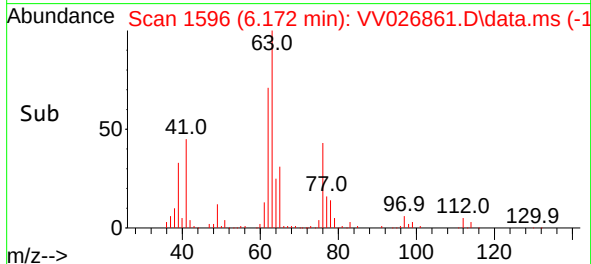
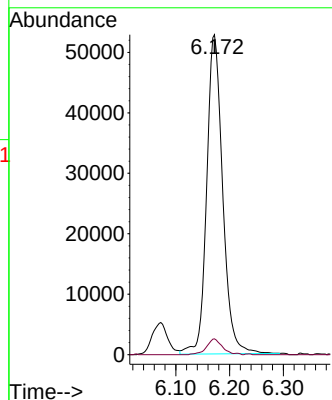
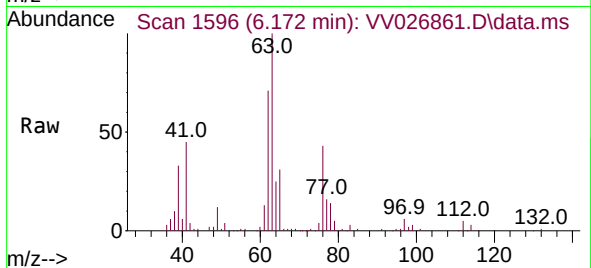
ClientSampleId :

Tgt Ion: 63 Resp: 109109

Ion Ratio Lower Upper

63 100

112 4.8 4.2 6.2



#38

Bromodichloromethane

Concen: 5.399 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VV026861.D

Acq: 20 Jul 2022 20:25

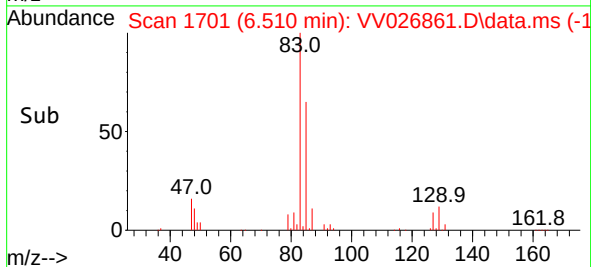
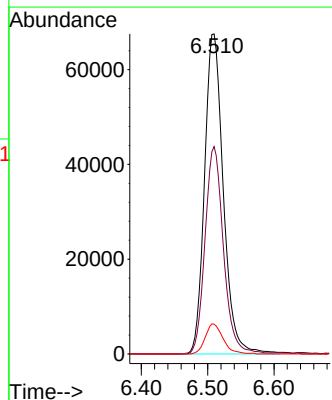
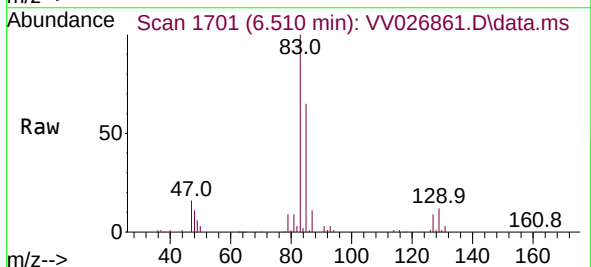
Tgt Ion: 83 Resp: 133017

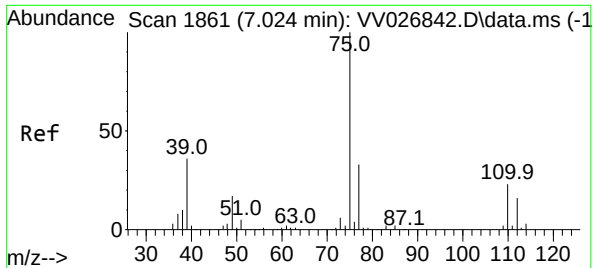
Ion Ratio Lower Upper

83 100

85 64.8 45.4 84.4

127 9.3 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.168 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV026861.D

Acq: 20 Jul 2022 20:25

Instrument :

MSVOA_V

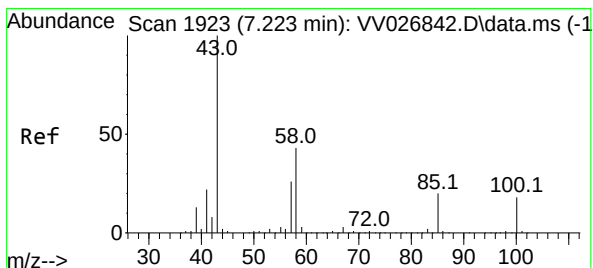
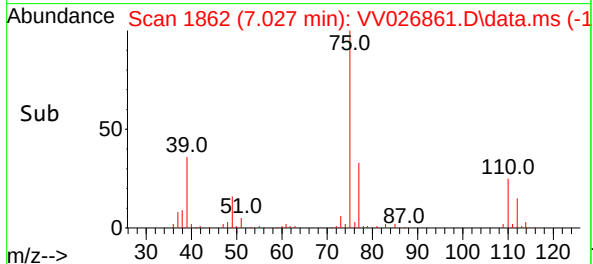
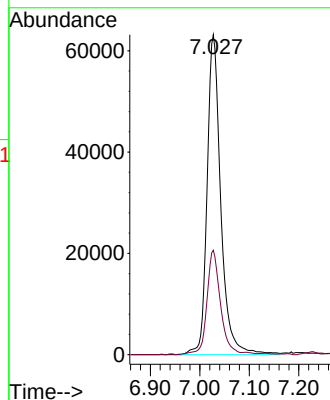
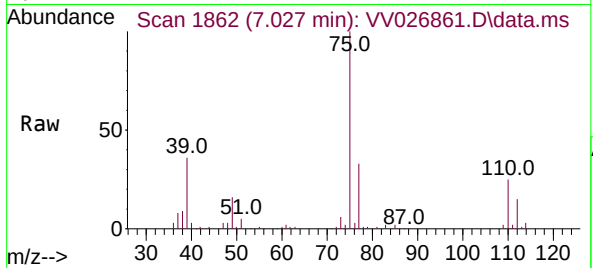
ClientSampleId :

Tgt Ion: 75 Resp: 121377

Ion Ratio Lower Upper

75 100

77 32.6 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 53.946 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV026861.D

Acq: 20 Jul 2022 20:25

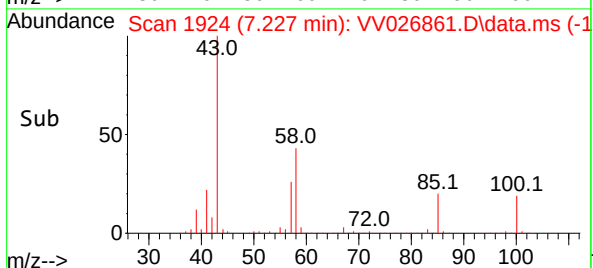
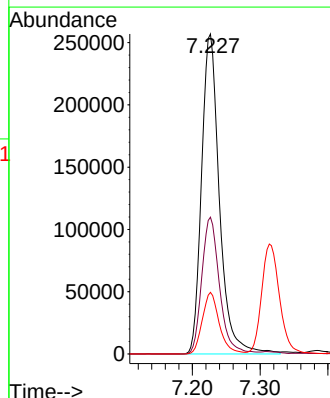
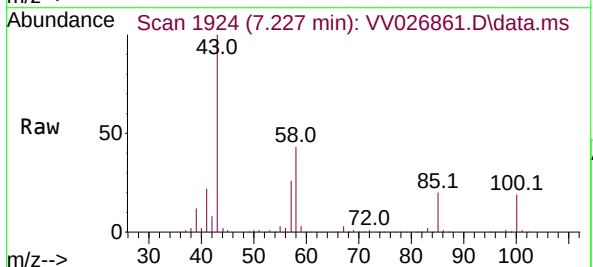
Tgt Ion: 43 Resp: 470959

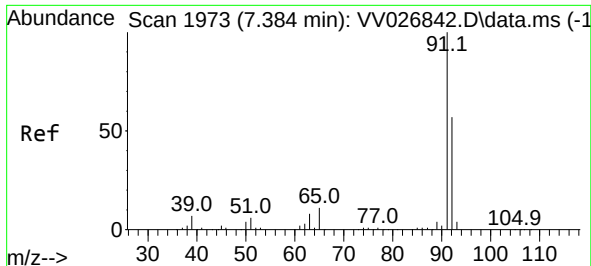
Ion Ratio Lower Upper

43 100

58 42.4 34.6 51.8

100 18.3 13.6 20.4

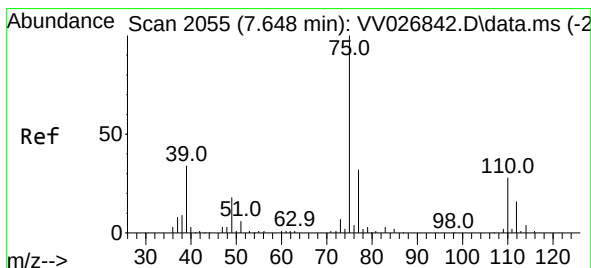
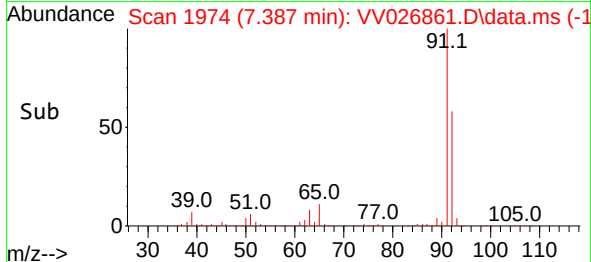
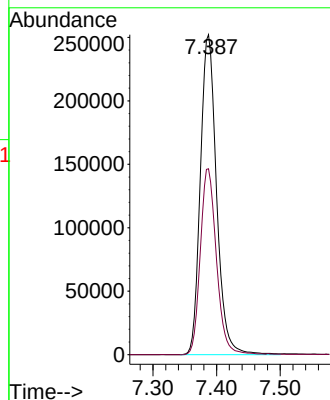
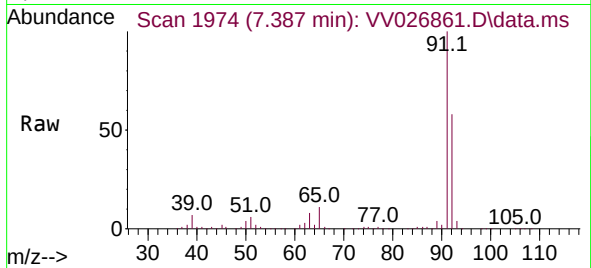




#42
Toluene
Concen: 5.592 ug/L
RT: 7.387 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV026861.D
Acq: 20 Jul 2022 20:25

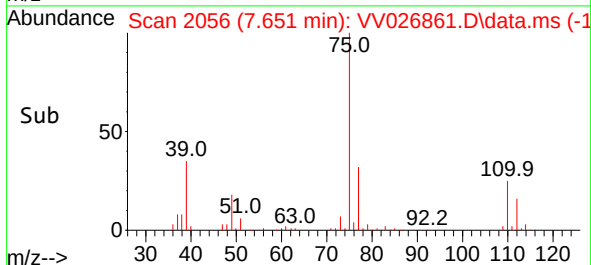
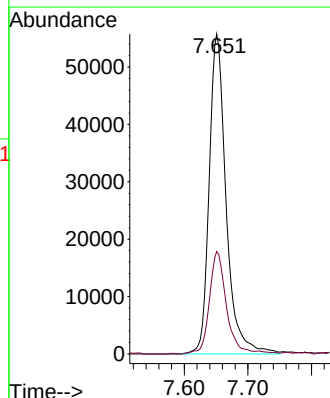
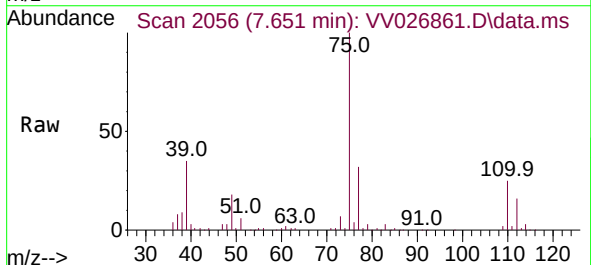
Instrument :
MSVOA_V
ClientSampleId :

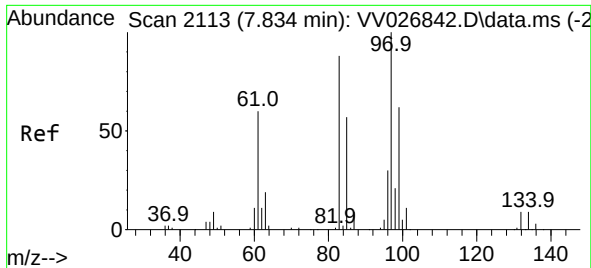
Tgt Ion: 91 Resp: 446355
Ion Ratio Lower Upper
91 100
92 58.1 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 5.340 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VV026861.D
Acq: 20 Jul 2022 20:25

Tgt Ion: 75 Resp: 102991
Ion Ratio Lower Upper
75 100
77 32.0 22.7 42.3

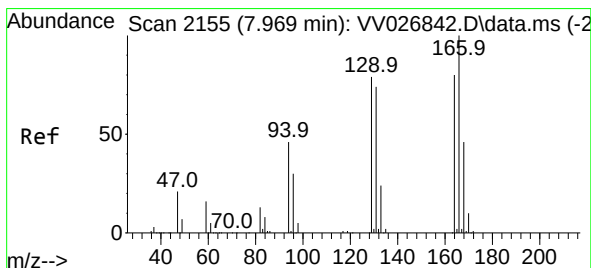
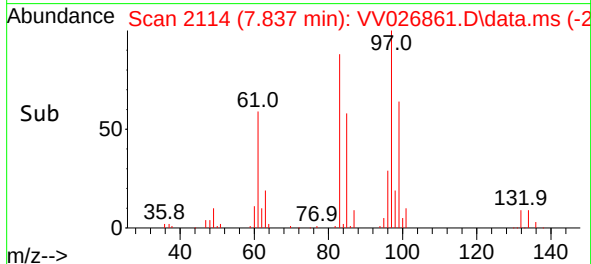
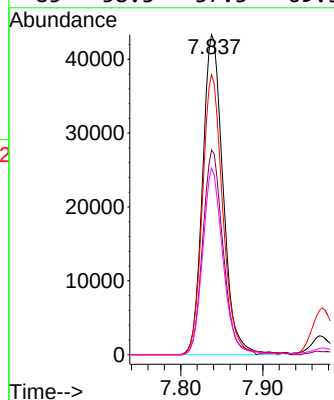
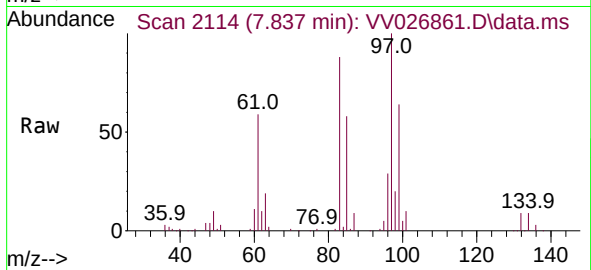




#45
1,1,2-Trichloroethane
Concen: 5.443 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV026861.D
Acq: 20 Jul 2022 20:25

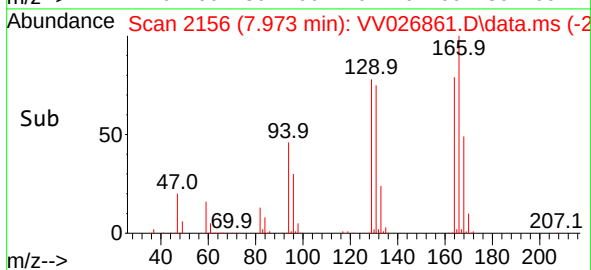
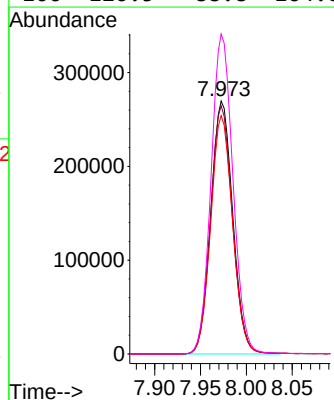
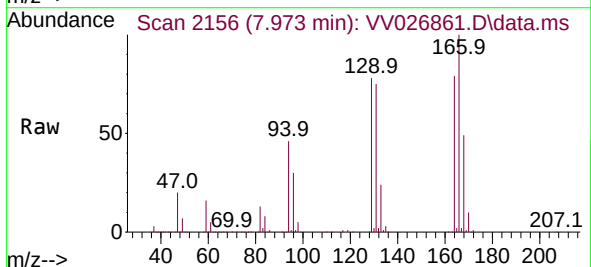
Instrument :
MSVOA_V
ClientSampleId :

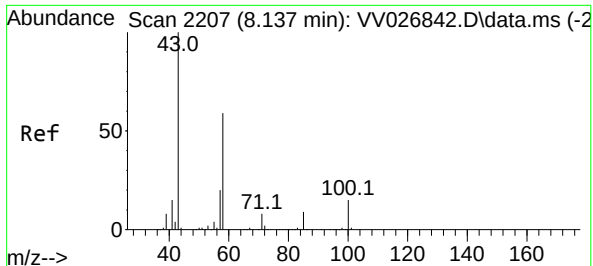
Tgt Ion:	97	Resp:	75207
Ion	Ratio	Lower	Upper
97	100		
99	63.9	41.9	77.9
83	87.6	58.1	107.9
85	58.3	37.3	69.3



#47
Tetrachloroethene
Concen: 29.505 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV026861.D
Acq: 20 Jul 2022 20:25

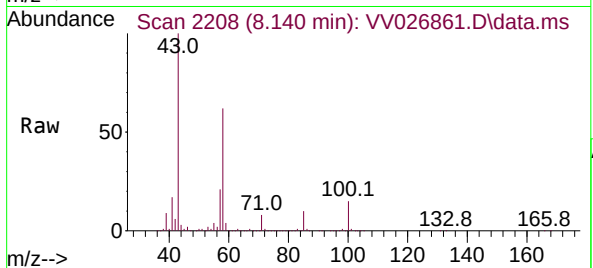
Tgt Ion:	164	Resp:	449524
Ion	Ratio	Lower	Upper
164	100		
129	98.1	67.8	125.8
131	94.3	65.9	122.5
166	126.5	88.8	164.8



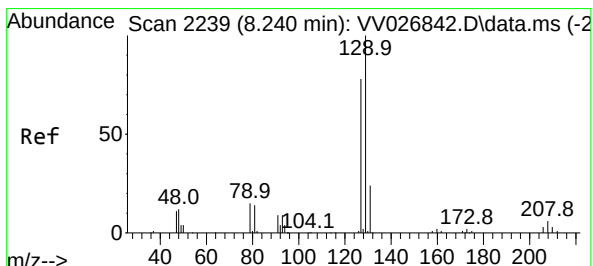
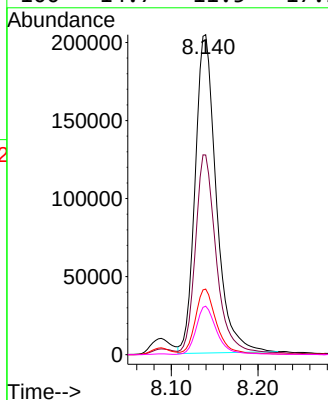
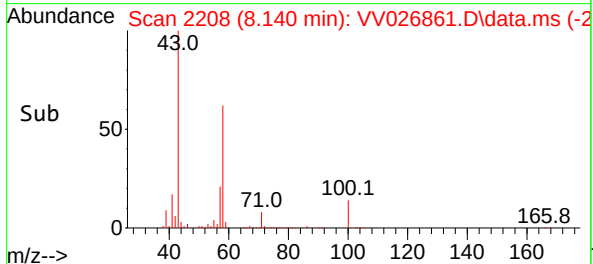


#48
2-Hexanone
Concen: 54.795 ug/L
RT: 8.140 min Scan# 2207
Delta R.T. 0.003 min
Lab File: VV026861.D
Acq: 20 Jul 2022 20:25

Instrument :
MSVOA_V
ClientSampleId :

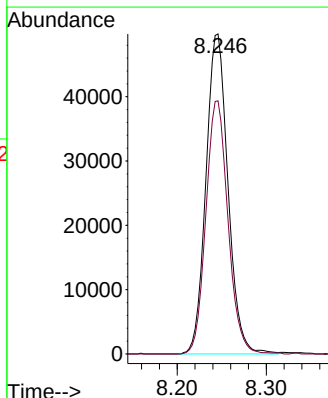
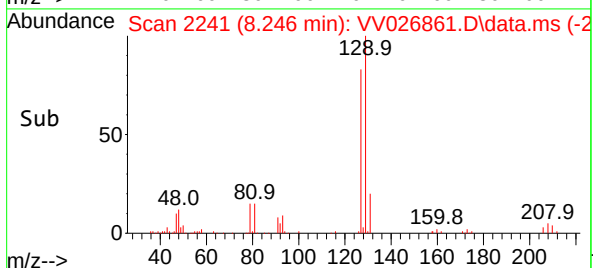
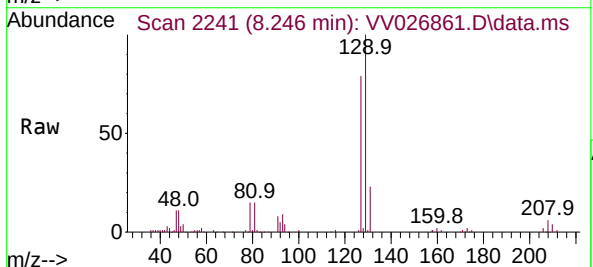


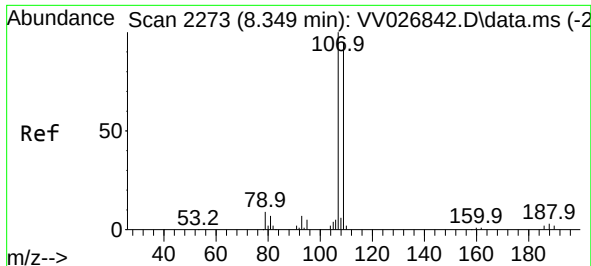
Tgt Ion: 43 Resp: 346221
Ion Ratio Lower Upper
43 100
58 62.7 47.9 71.9
57 20.6 16.3 24.5
100 14.7 11.5 17.3



#49
Dibromochloromethane
Concen: 5.369 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VV026861.D
Acq: 20 Jul 2022 20:25

Tgt Ion: 129 Resp: 85481
Ion Ratio Lower Upper
129 100
127 79.1 55.7 103.5





#50

1,2-Dibromoethane

Concen: 5.464 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

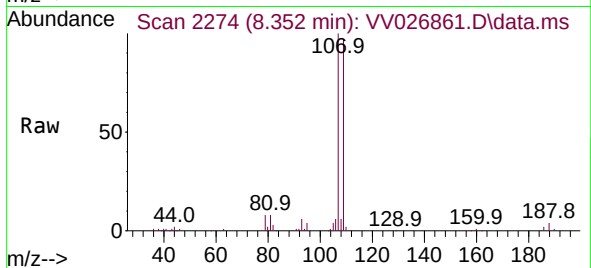
Lab File: VV026861.D

Acq: 20 Jul 2022 20:25

Instrument :

MSVOA_V

ClientSampleId :



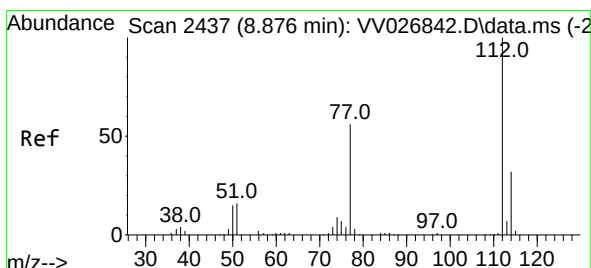
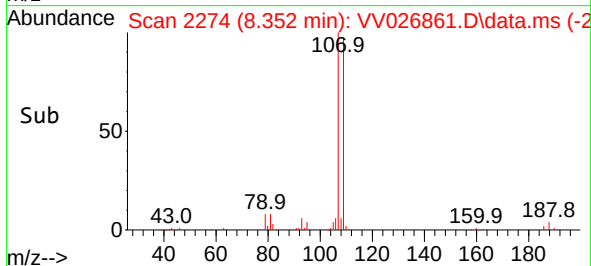
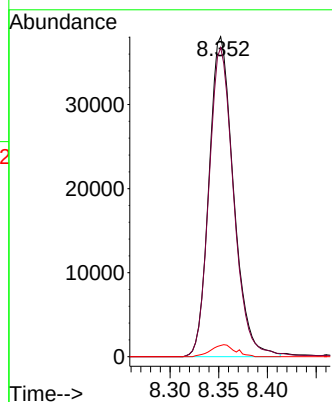
Tgt Ion:107 Resp: 66797

Ion Ratio Lower Upper

107 100

109 96.6 68.0 126.4

188 3.5 2.8 4.2



#51

Chlorobenzene

Concen: 5.563 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV026861.D

Acq: 20 Jul 2022 20:25

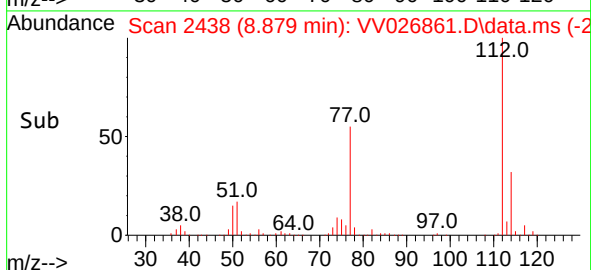
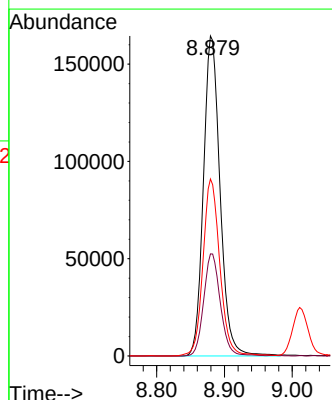
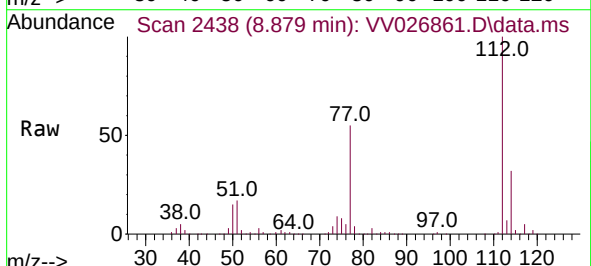
Tgt Ion:112 Resp: 280774

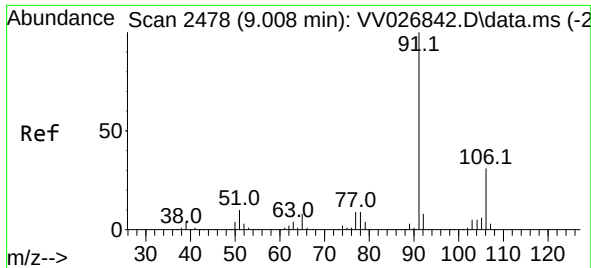
Ion Ratio Lower Upper

112 100

114 31.9 22.7 42.1

77 55.3 46.6 70.0

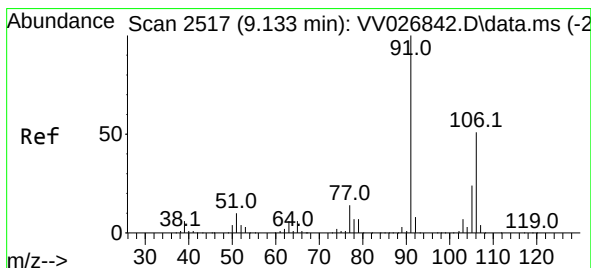
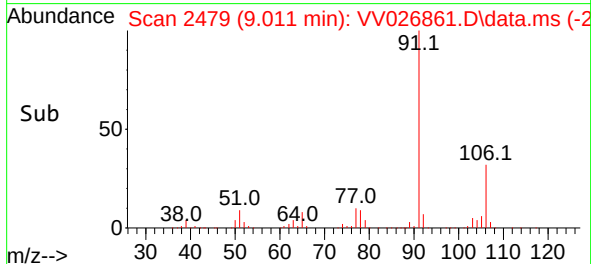
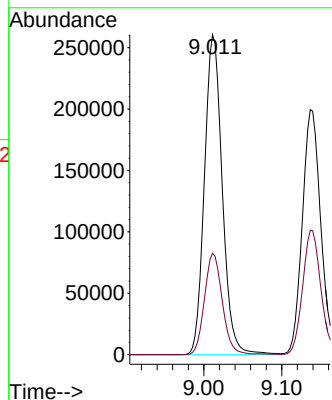
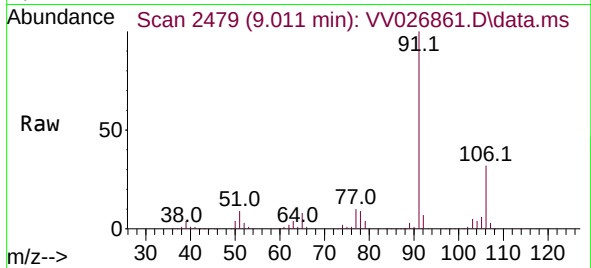




#52
Ethylbenzene
Concen: 5.259 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV026861.D
Acq: 20 Jul 2022 20:25

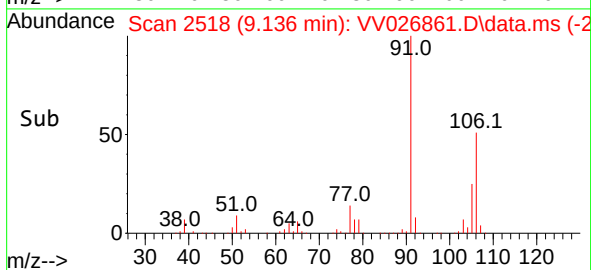
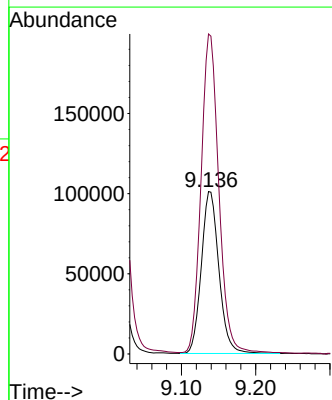
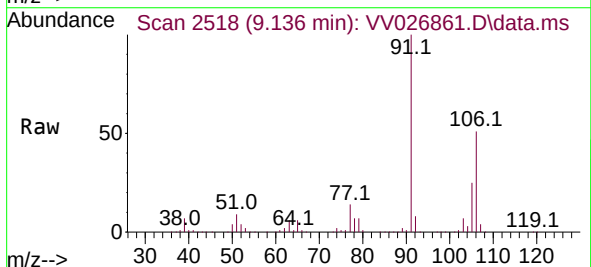
Instrument :
MSVOA_V
ClientSampleId :

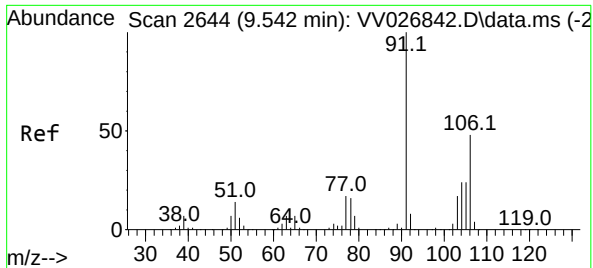
Tgt Ion: 91 Resp: 415471
Ion Ratio Lower Upper
91 100
106 31.7 21.6 40.2



#53
m,p-Xylene
Concen: 5.404 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV026861.D
Acq: 20 Jul 2022 20:25

Tgt Ion: 106 Resp: 166006
Ion Ratio Lower Upper
106 100
91 197.0 139.3 258.7

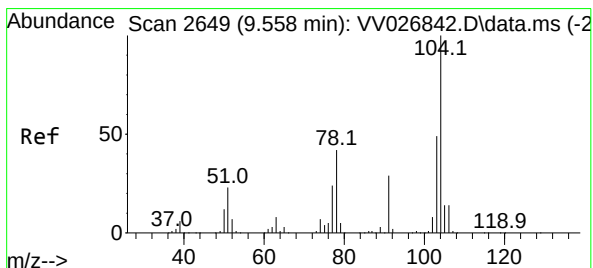
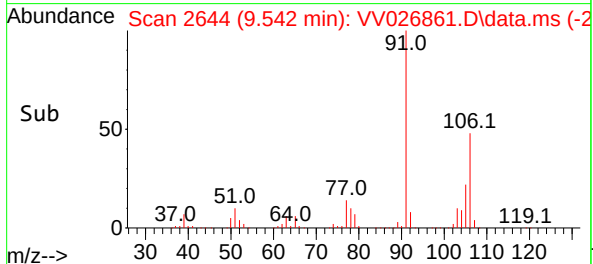
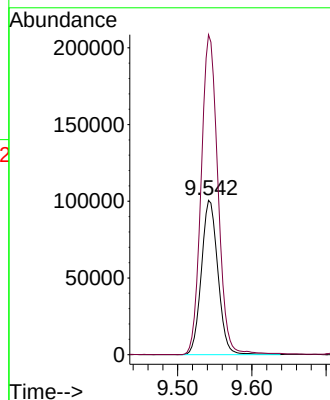
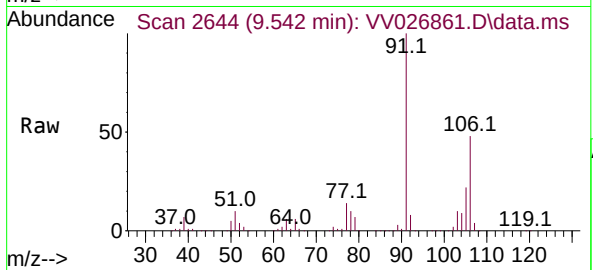




#54
o-Xylene
Concen: 5.329 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV026861.D
Acq: 20 Jul 2022 20:25

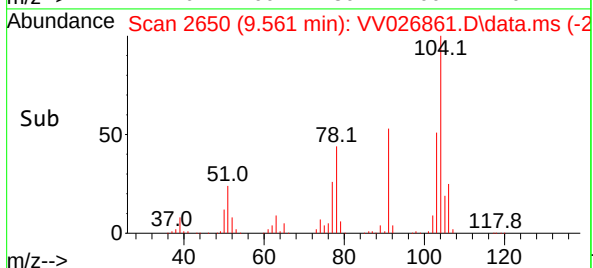
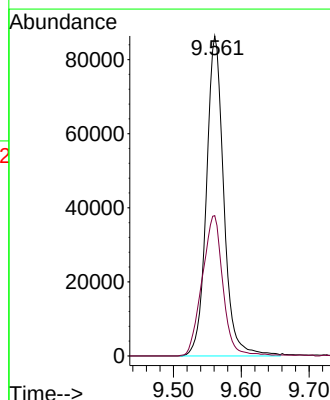
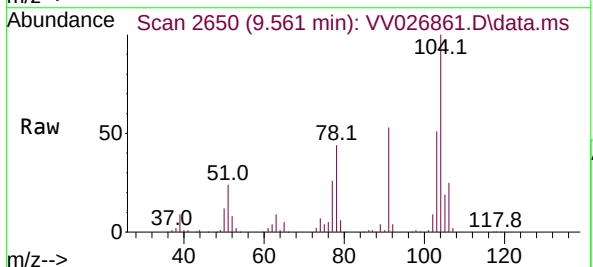
Instrument : MSVOA_V
ClientSampleId :

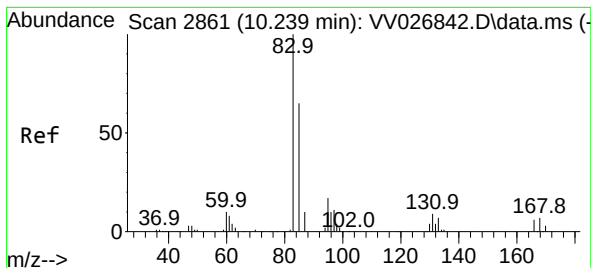
Tgt Ion:106 Resp: 155582
Ion Ratio Lower Upper
106 100
91 207.2 151.1 280.7



#55
Styrene
Concen: 3.006 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV026861.D
Acq: 20 Jul 2022 20:25

Tgt Ion:104 Resp: 153796
Ion Ratio Lower Upper
104 100
78 43.9 29.5 54.9

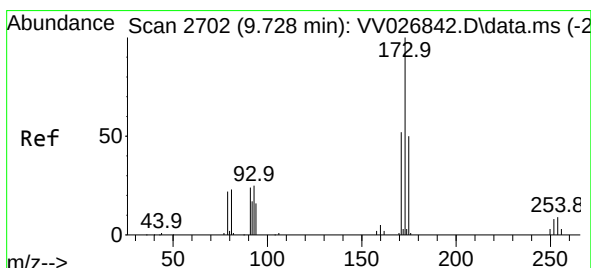
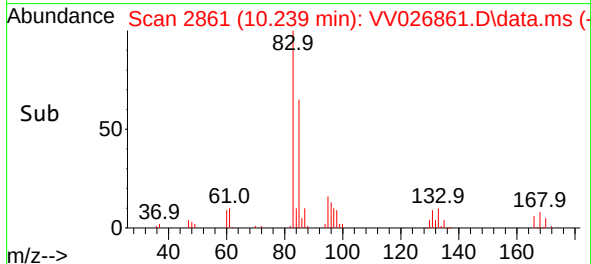
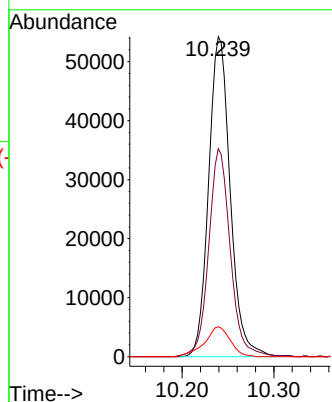
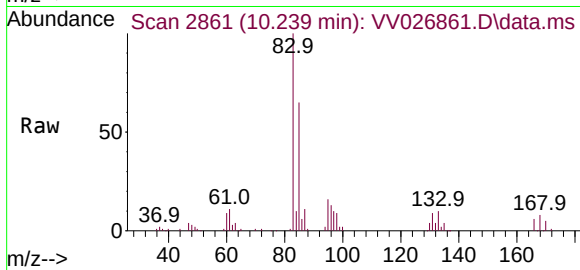




#57
1,1,2,2-Tetrachloroethane
Concen: 5.423 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV026861.D
Acq: 20 Jul 2022 20:25

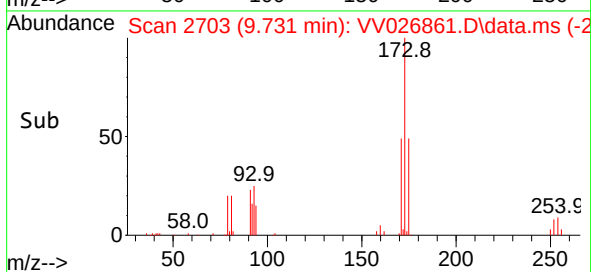
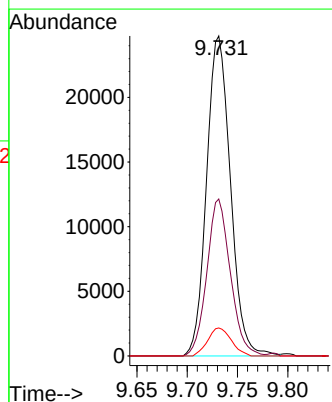
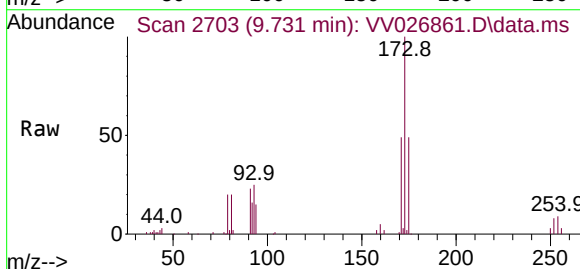
Instrument : MSVOA_V
ClientSampleId :

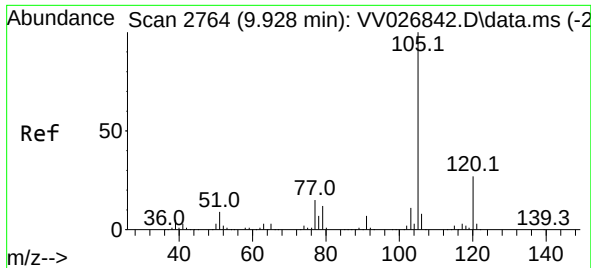
Tgt Ion: 83 Resp: 88693
Ion Ratio Lower Upper
83 100
85 65.0 43.6 81.0
131 9.4 7.4 11.2



#59
Bromoform
Concen: 4.903 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV026861.D
Acq: 20 Jul 2022 20:25

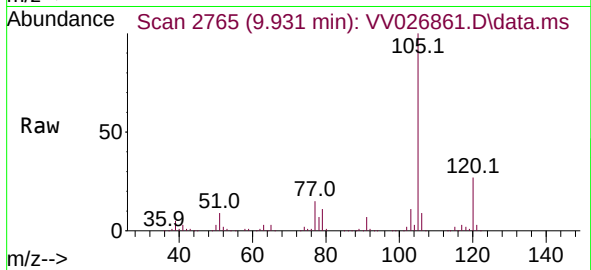
Tgt Ion: 173 Resp: 40903
Ion Ratio Lower Upper
173 100
175 48.3 40.7 61.1
254 8.6 6.5 9.7



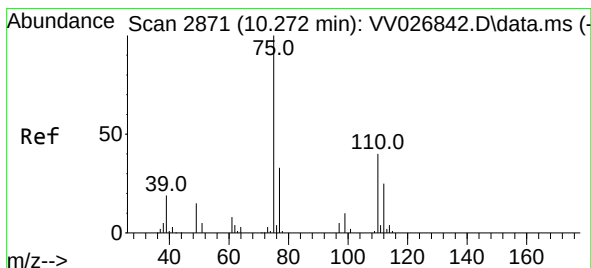
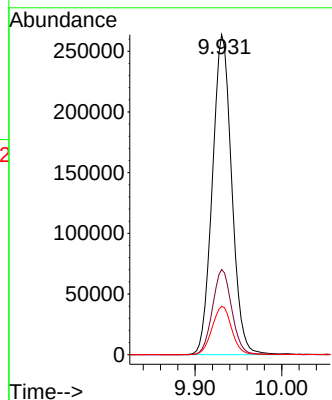
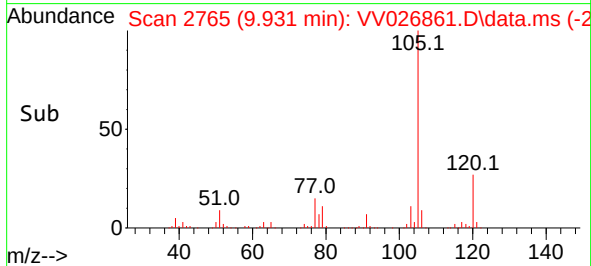


#60
Isopropylbenzene
Concen: 5.048 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026861.D
Acq: 20 Jul 2022 20:25

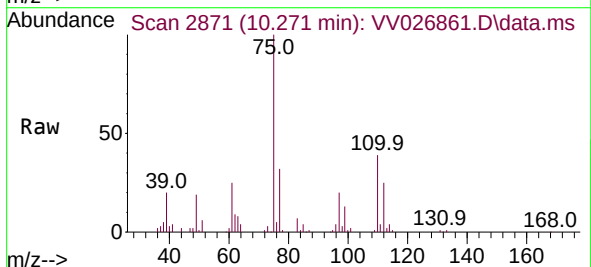
Instrument :
MSVOA_V
ClientSampleId :



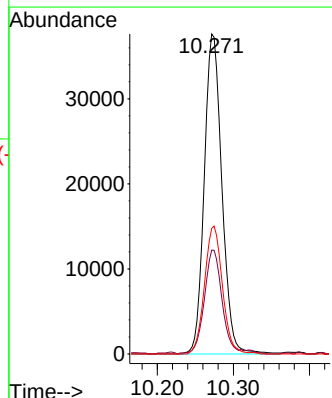
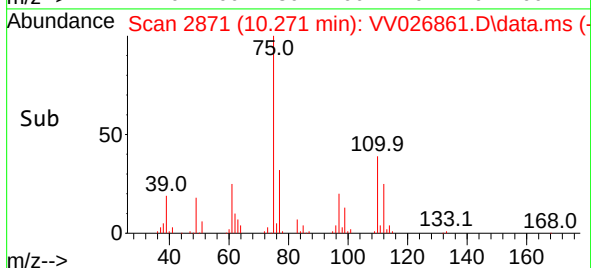
Tgt Ion:105 Resp: 409396
Ion Ratio Lower Upper
105 100
120 26.6 20.7 31.1
77 15.3 12.5 18.7

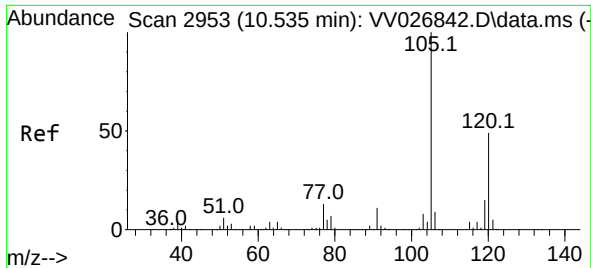


#61
1,2,3-Trichloropropane
Concen: 5.061 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV026861.D
Acq: 20 Jul 2022 20:25



Tgt Ion: 75 Resp: 60685
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.0
110 40.6 31.8 47.6

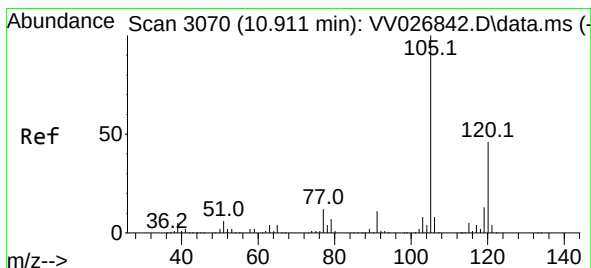
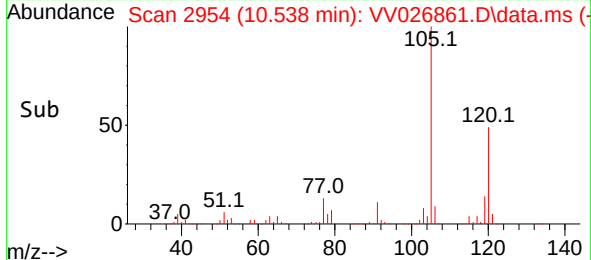
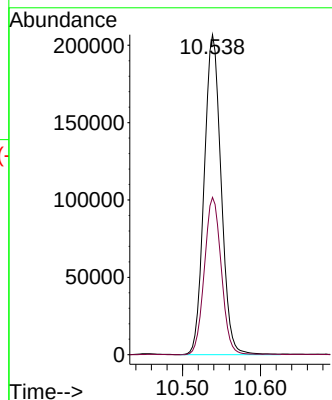
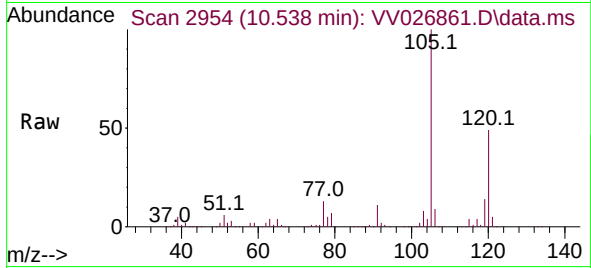




#62
 1,3,5-Trimethylbenzene
 Concen: 4.840 ug/L
 RT: 10.538 min Scan# 2953
 Delta R.T. 0.003 min
 Lab File: VV026861.D
 Acq: 20 Jul 2022 20:25

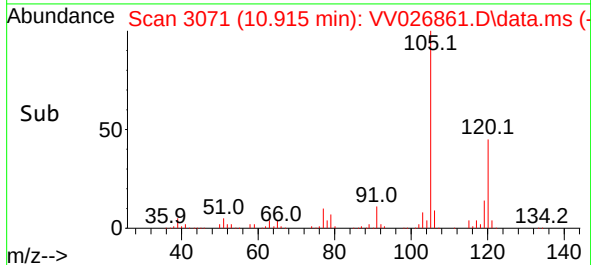
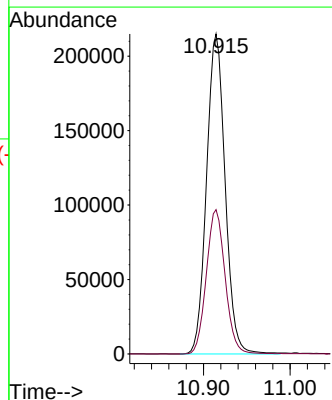
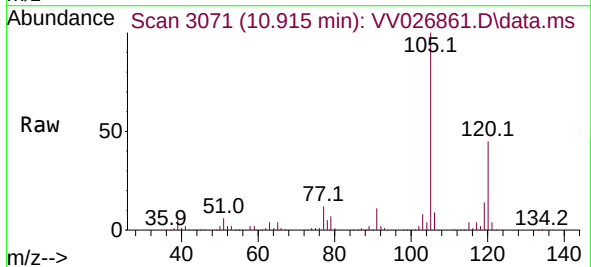
Instrument :
 MSVOA_V
 ClientSampleId :

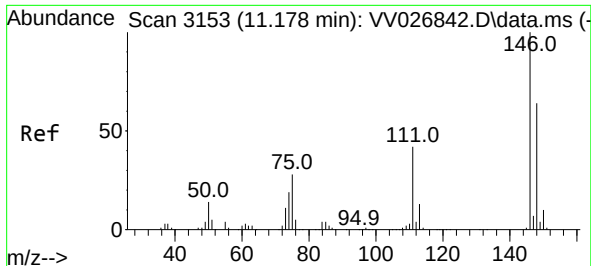
Tgt Ion:105 Resp: 312265
 Ion Ratio Lower Upper
 105 100
 120 49.1 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 4.895 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV026861.D
 Acq: 20 Jul 2022 20:25

Tgt Ion:105 Resp: 320691
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.8 55.2

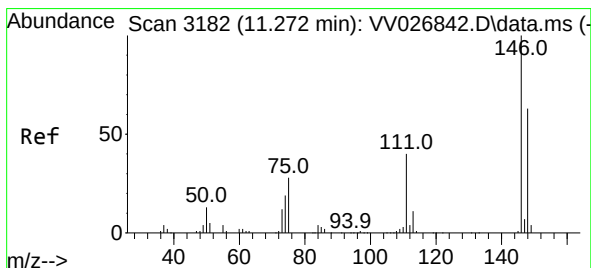
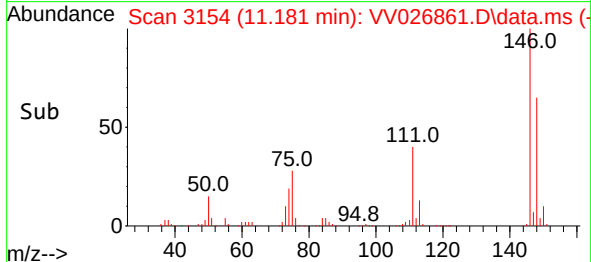
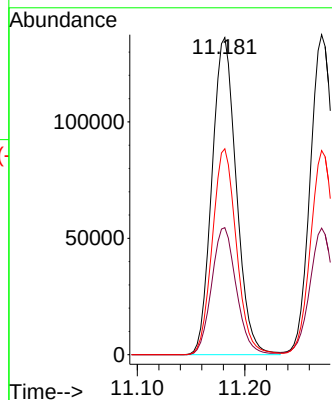
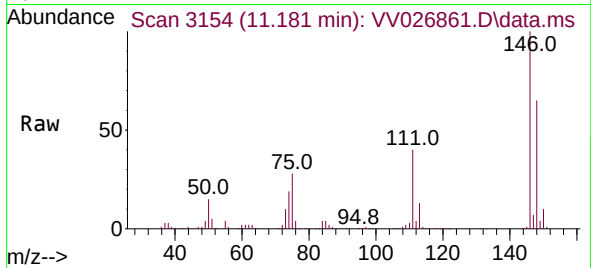




#64
1,3-Dichlorobenzene
Concen: 5.398 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV026861.D
Acq: 20 Jul 2022 20:25

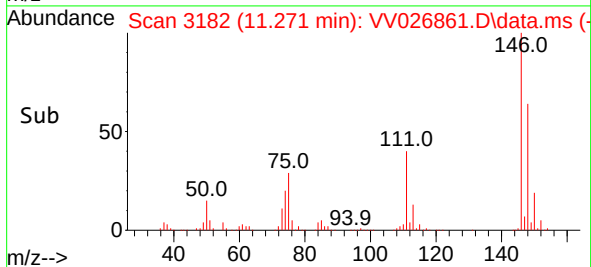
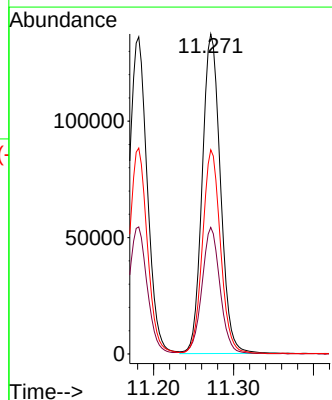
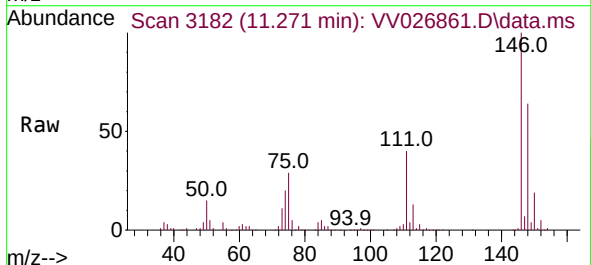
Instrument :
MSVOA_V
ClientSampleId :

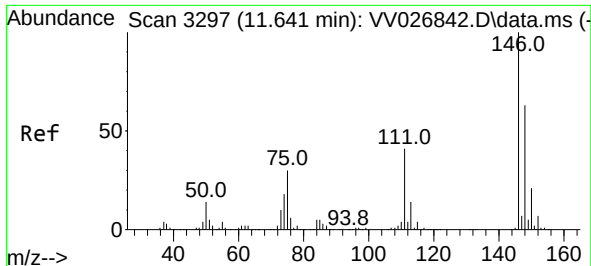
Tgt Ion:146 Resp: 214491
Ion Ratio Lower Upper
146 100
111 40.1 27.9 51.7
148 64.9 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 5.397 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV026861.D
Acq: 20 Jul 2022 20:25

Tgt Ion:146 Resp: 218068
Ion Ratio Lower Upper
146 100
111 39.6 26.8 49.8
148 63.8 43.3 80.5

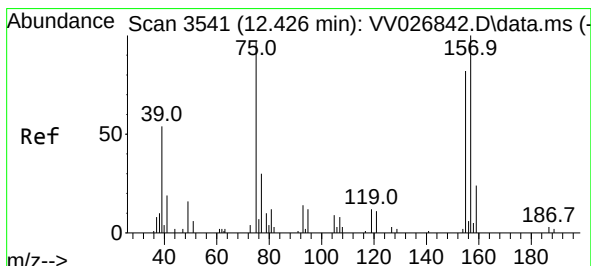
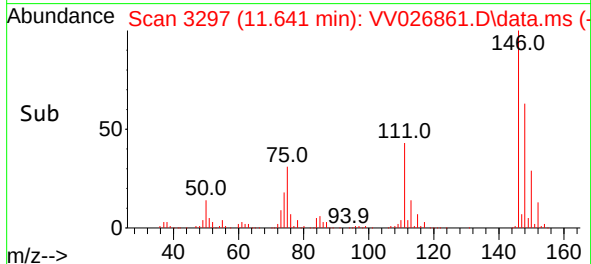
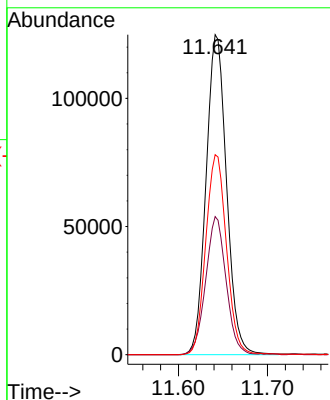
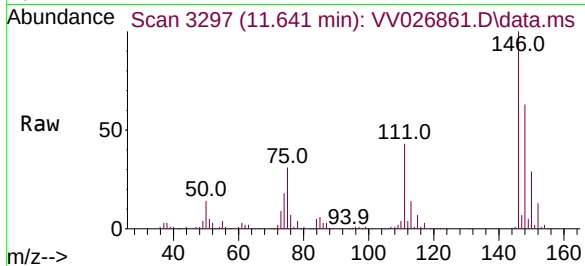




#67
1,2-Dichlorobenzene
Concen: 5.365 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV026861.D
Acq: 20 Jul 2022 20:25

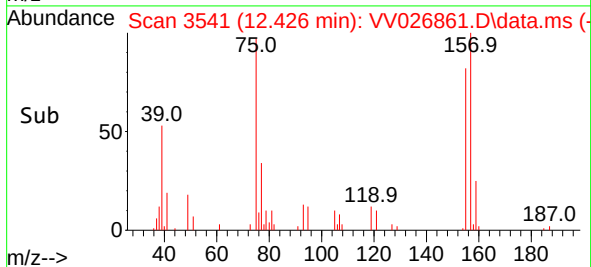
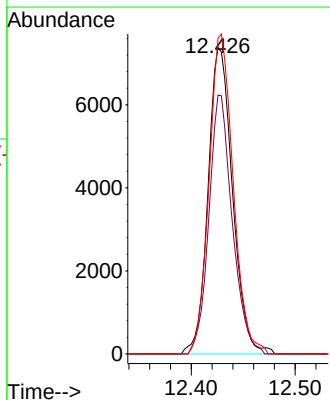
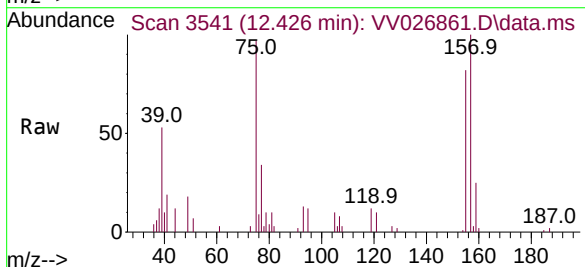
Instrument :
MSVOA_V
ClientSampleId :

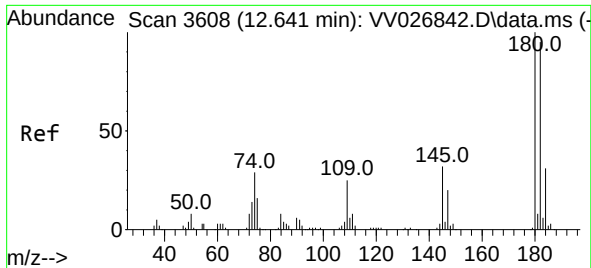
Tgt Ion:146 Resp: 199089
Ion Ratio Lower Upper
146 100
111 43.1 34.6 52.0
148 62.5 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.756 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV026861.D
Acq: 20 Jul 2022 20:25

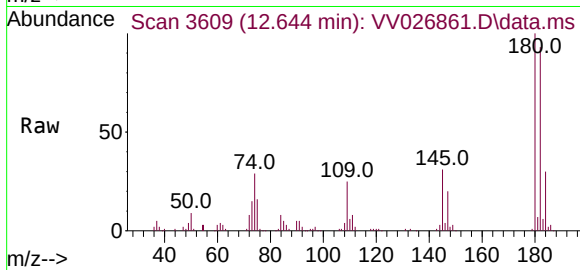
Tgt Ion: 75 Resp: 12090
Ion Ratio Lower Upper
75 100
155 84.5 60.3 90.5
157 103.1 78.2 117.4



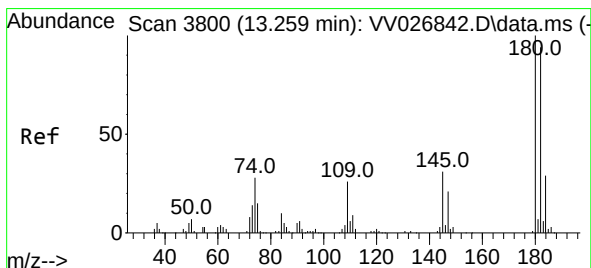
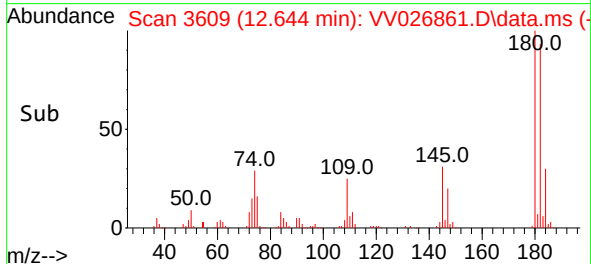
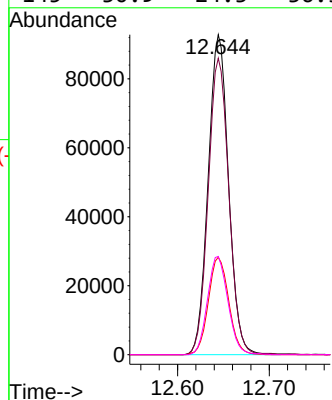


#69
 1,3,5-Trichlorobenzene
 Concen: 5.109 ug/L
 RT: 12.644 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV026861.D
 Acq: 20 Jul 2022 20:25

Instrument :
 MSVOA_V
 ClientSampleId :

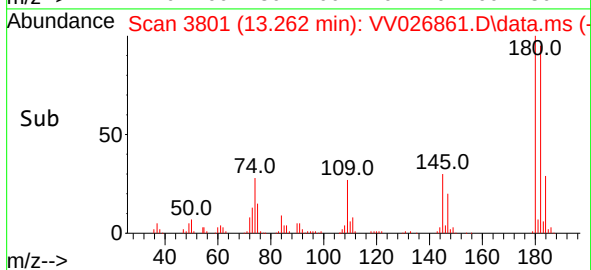
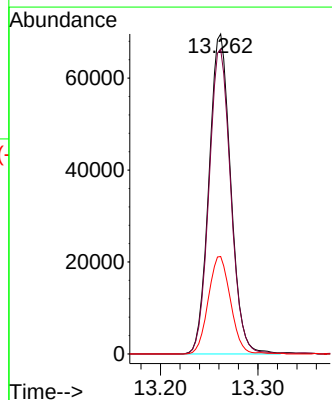
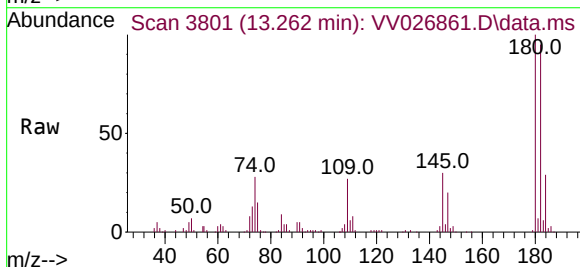


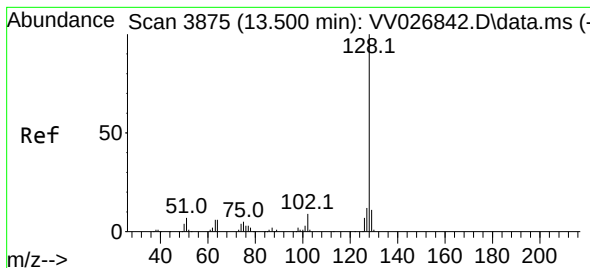
Tgt Ion:180 Resp: 143500
 Ion Ratio Lower Upper
 180 100
 182 93.8 74.0 111.0
 184 30.4 23.1 34.7
 145 30.9 24.3 36.5



#70
 1,2,4-trichlorobenzene
 Concen: 5.054 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.003 min
 Lab File: VV026861.D
 Acq: 20 Jul 2022 20:25

Tgt Ion:180 Resp: 107945
 Ion Ratio Lower Upper
 180 100
 182 95.0 74.7 112.1
 145 31.0 24.7 37.1





#71

Naphthalene

Concen: 4.528 ug/L

RT: 13.503 min Scan# 3875

Delta R.T. 0.003 min

Lab File: VV026861.D

Acq: 20 Jul 2022 20:25

Instrument :

MSVOA_V

ClientSampleId :

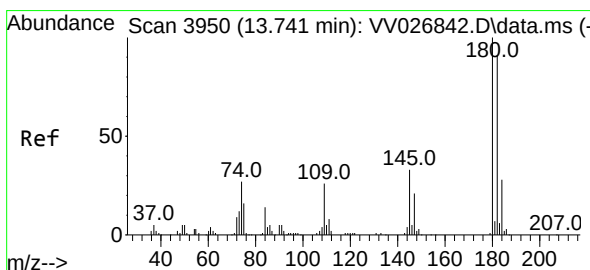
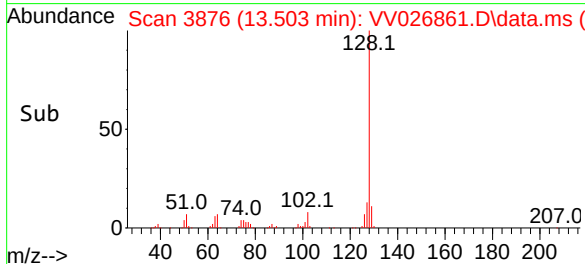
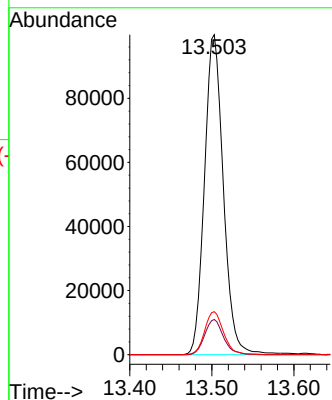
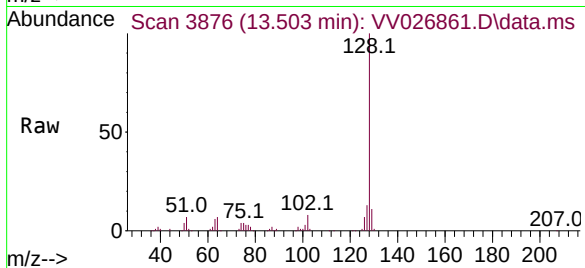
Tgt Ion:128 Resp: 160222

Ion Ratio Lower Upper

128 100

129 11.0 8.4 12.6

127 13.5 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 4.970 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV026861.D

Acq: 20 Jul 2022 20:25

Tgt Ion:180 Resp: 98772

Ion Ratio Lower Upper

180 100

182 95.6 75.0 112.4

145 33.3 26.0 39.0

