

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102522\
 Data File : VW028685.D
 Acq On : 25 Oct 2022 13:50
 Operator : SY/MD
 Sample : VSTD01074
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 04:38:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 04:33:35 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	202971	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	192559	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	101269	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	149576	8.042	ug/L	0.00
7) Chloroethane-d5	1.558	69	129600	8.700	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.098	63	296707	9.025	ug/L	-0.02
20) 2-Butanone-d5	3.915	46	347167	91.554	ug/L	-0.06
24) Chloroform-d	4.336	84	256100	8.887	ug/L	-0.02
26) 1,2-Dichloroethane-d4	5.024	65	127828	8.070	ug/L	-0.02
32) Benzene-d6	5.040	84	493961	6.299	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	165311	6.925	ug/L	-0.01
41) Toluene-d8	7.307	98	434578	7.648	ug/L	-0.01
43) trans-1,3-Dichloroprop...	7.616	79	55039	8.776	ug/L	-0.02
46) 2-Hexanone-d5	8.085	63	321071	122.400	ug/L	-0.03
56) 1,1,2,2-Tetrachloroeth...	10.207	84	124047	10.236	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	147340	8.481	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	99386	10.563	ug/L	97
3) Chloromethane	1.230	50	186475	10.000	ug/L	98
5) Vinyl chloride	1.301	62	189288	10.547	ug/L	98
6) Bromomethane	1.513	94	85789	9.799	ug/L	100
8) Chloroethane	1.574	64	119717	9.910	ug/L	96
9) Trichlorofluoromethane	1.741	101	239806	10.753	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	147476	11.230	ug/L	99
12) 1,1-Dichloroethene	2.108	96	128401	10.325	ug/L	87
13) Acetone	2.220	43	189700	79.715	ug/L	89
14) Carbon disulfide	2.281	76	274199	9.170	ug/L	100
15) Methyl Acetate	2.445	43	59911	8.450	ug/L #	92
16) Methylene chloride	2.497	84	146643	8.148	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	337003	9.780	ug/L	97
18) trans-1,2-Dichloroethene	2.748	96	122649	9.068	ug/L	98
19) 1,1-Dichloroethane	3.178	63	295861	9.262	ug/L	97
21) 2-Butanone	3.998	43	364777	86.529	ug/L	97
22) cis-1,2-Dichloroethene	3.899	96	150064	9.560	ug/L #	100
23) Bromochloromethane	4.236	128	56487	9.793	ug/L	94
25) Chloroform	4.362	83	285478	9.404	ug/L	100
27) 1,2-Dichloroethane	5.124	62	171701	8.916	ug/L	99
29) 1,1,1-Trichloroethane	4.596	97	227552	7.187	ug/L	97
30) Cyclohexane	4.664	56	226993	6.703	ug/L	97
31) Carbon tetrachloride	4.815	117	180973	7.681	ug/L	99
33) Benzene	5.088	78	597145	7.066	ug/L	100
34) Trichloroethene	5.905	95	141811	7.336	ug/L	93
35) Methylcyclohexane	6.120	83	220034	7.673	ug/L	96
37) 1,2-Dichloropropane	6.165	63	170503	7.813	ug/L	98
38) Bromodichloromethane	6.500	83	198637	9.192	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	218683	9.371	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	1082274	97.864	ug/L	99
42) Toluene	7.378	91	626390	8.874	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	179243	10.467	ug/L	98

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

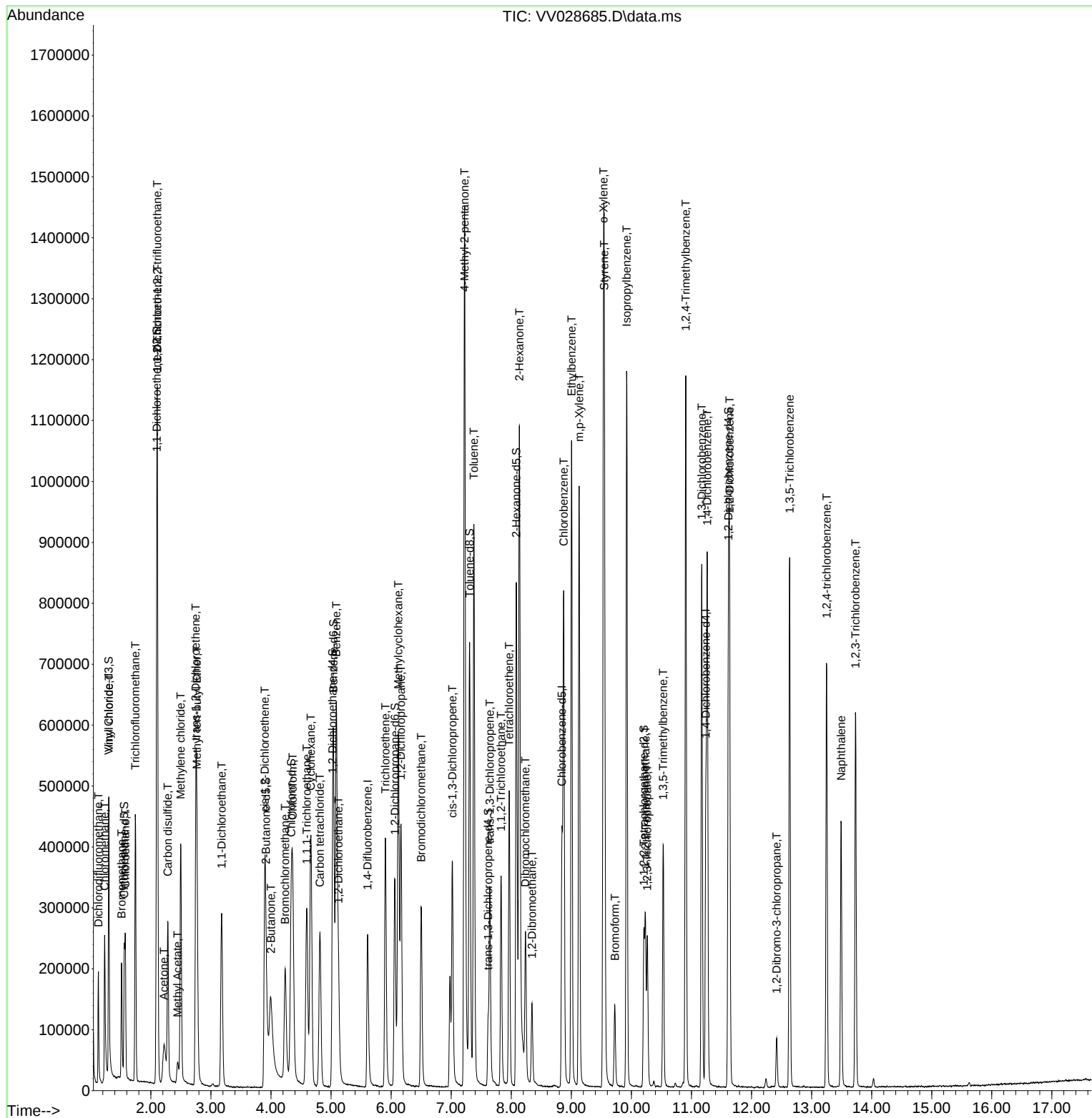
45) 1,1,2-Trichloroethane	7.831	97	102191	9.349	ug/L	96
47) Tetrachloroethene	7.966	164	96928	9.126	ug/L	98
48) 2-Hexanone	8.136	43	806577	114.111	ug/L	99
49) Dibromochloromethane	8.236	129	115591	11.320	ug/L	95
50) 1,2-Dibromoethane	8.345	107	91286	9.811	ug/L	96
51) Chlorobenzene	8.873	112	392118	9.473	ug/L	99
52) Ethylbenzene	9.005	91	704737	9.601	ug/L	98
53) m,p-Xylene	9.130	106	257930	9.722	ug/L	98
54) o-Xylene	9.535	106	256199	9.641	ug/L	96
55) Styrene	9.551	104	451951	10.005	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	134600	10.463	ug/L	96
59) Bromoform	9.725	173	56099	11.416	ug/L	99
60) Isopropylbenzene	9.921	105	707730	8.774	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	96788	9.197	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	201309	8.657	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	584561	9.369	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	303047	9.444	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	301636	9.354	ug/L	100
67) 1,2-Dichlorobenzene	11.635	146	283372	9.537	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	20007	10.610	ug/L	91
69) 1,3,5-Trichlorobenzene	12.635	180	229877	10.032	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	185305	10.294	ug/L	98
71) Naphthalene	13.493	128	318755	10.402	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	164658	10.450	ug/L	98

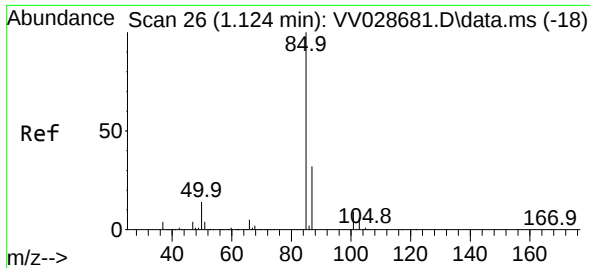
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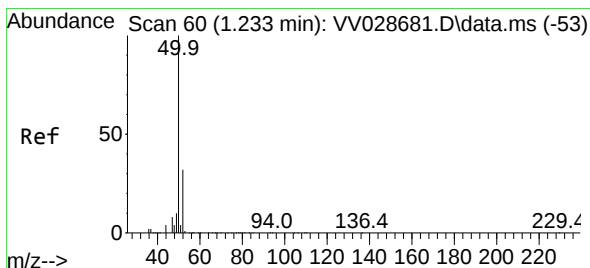
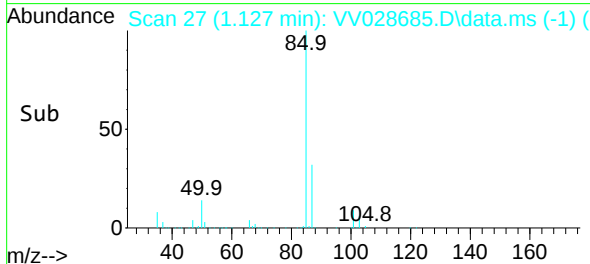
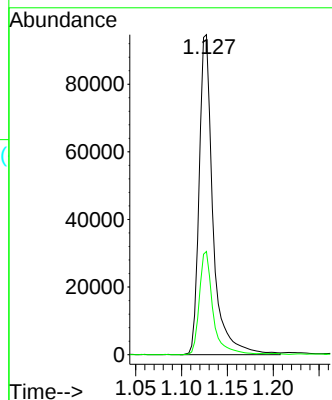
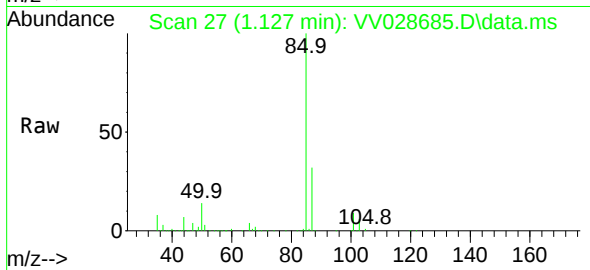




#2
 Dichlorodifluoromethane
 Concen: 10.563 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV028685.D
 Acq: 25 Oct 2022 13:50

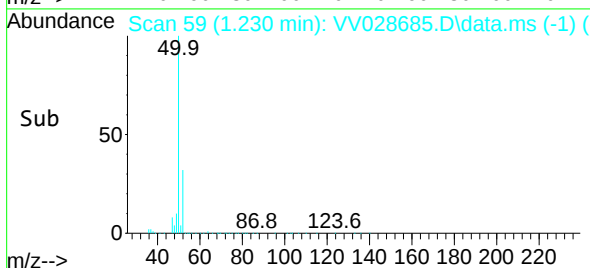
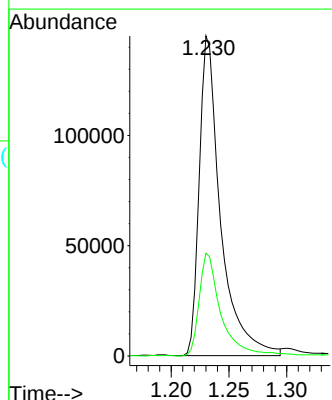
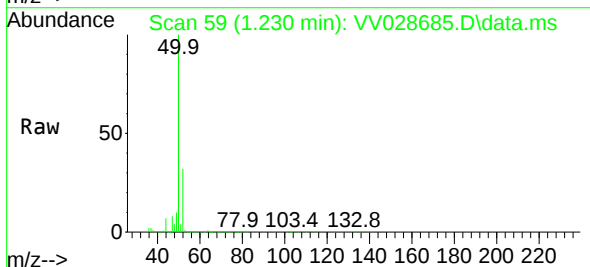
Instrument :
 MSVOA_V
 ClientSampleId :

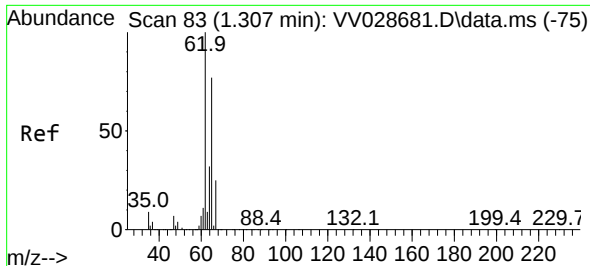
Tgt Ion: 85 Resp: 99386
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.6 40.0



#3
 Chloromethane
 Concen: 10.000 ug/L
 RT: 1.230 min Scan# 59
 Delta R.T. -0.003 min
 Lab File: VV028685.D
 Acq: 25 Oct 2022 13:50

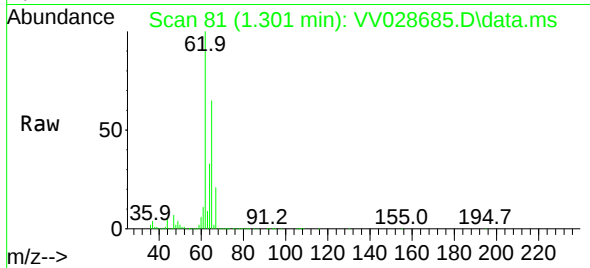
Tgt Ion: 50 Resp: 186475
 Ion Ratio Lower Upper
 50 100
 52 32.1 21.8 40.6





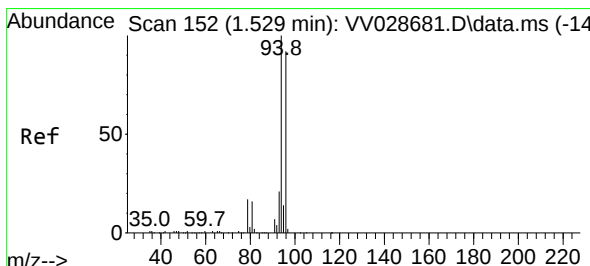
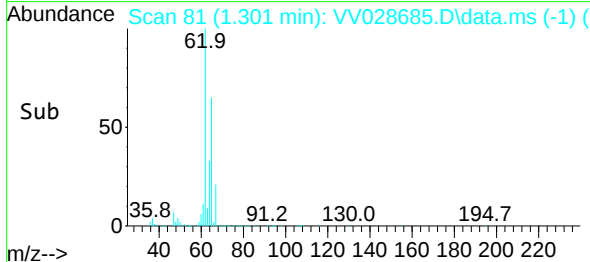
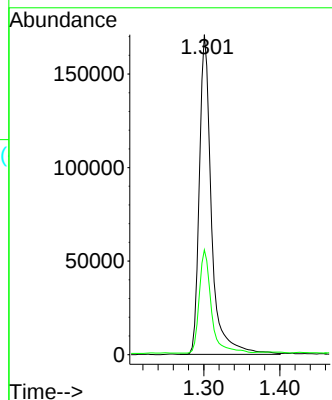
#5
 Vinyl chloride
 Concen: 10.547 ug/L
 RT: 1.301 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: VV028685.D
 Acq: 25 Oct 2022 13:50

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 62 Resp: 189288

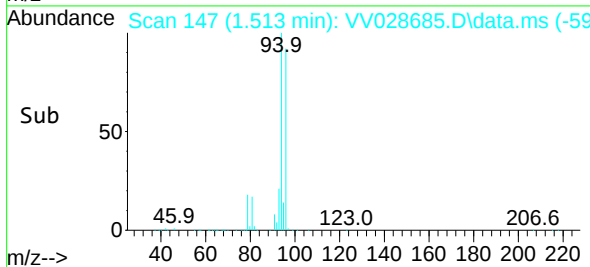
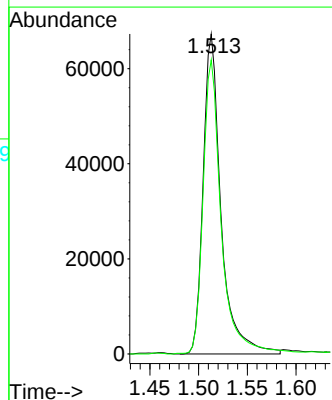
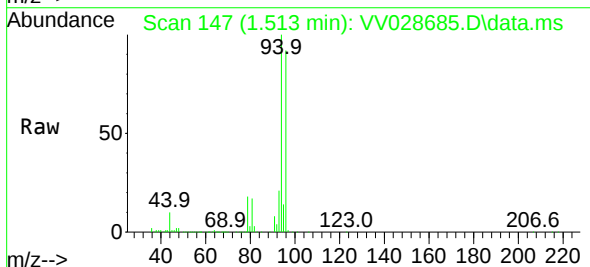
Ion	Ratio	Lower	Upper
62	100		
64	32.8	22.0	41.0

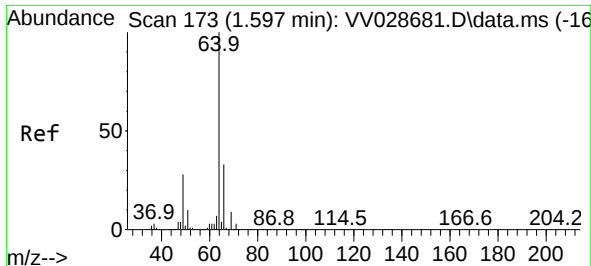


#6
 Bromomethane
 Concen: 9.799 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.016 min
 Lab File: VV028685.D
 Acq: 25 Oct 2022 13:50

Tgt Ion: 94 Resp: 85789

Ion	Ratio	Lower	Upper
94	100		
96	91.9	64.3	119.3

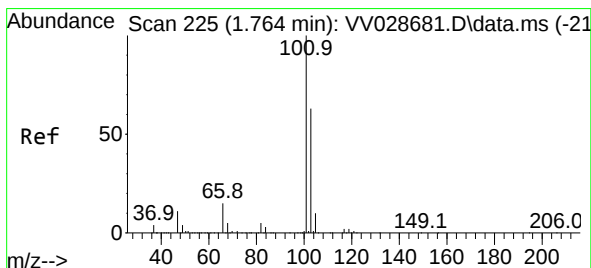
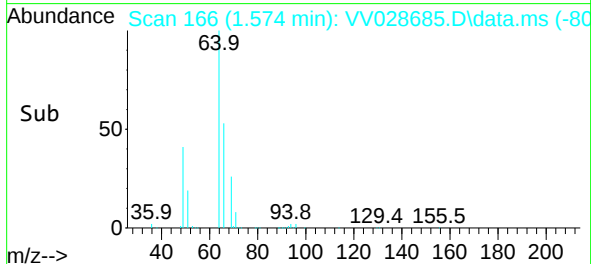
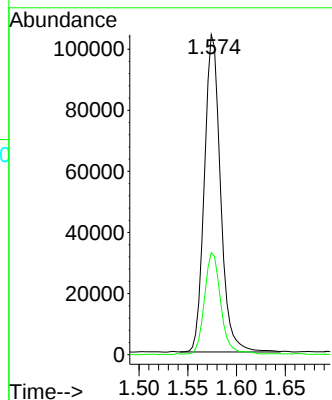
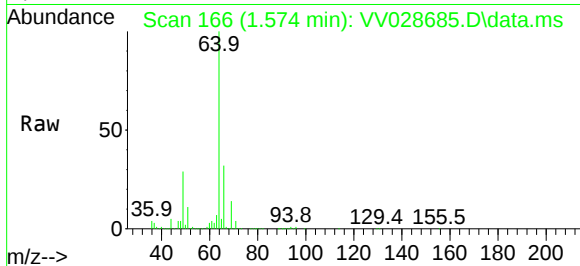




#8
Chloroethane
Concen: 9.910 ug/L
RT: 1.574 min Scan# 11
Delta R.T. -0.023 min
Lab File: VV028685.D
Acq: 25 Oct 2022 13:50

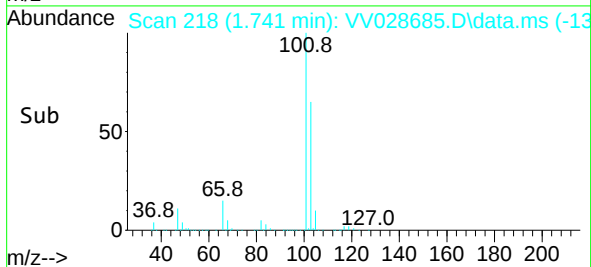
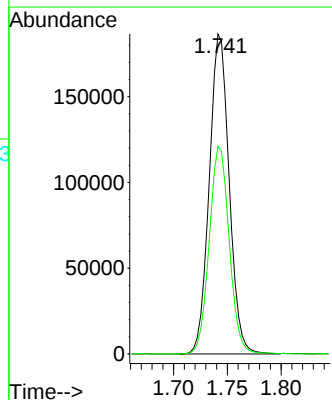
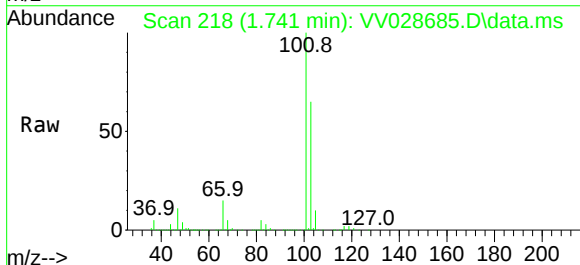
Instrument :
MSVOA_V
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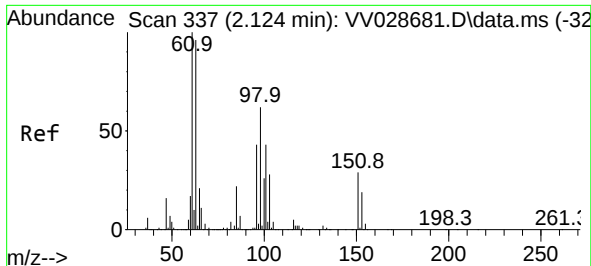
Tgt Ion: 64 Resp: 119717
Ion Ratio Lower Upper
64 100
66 31.9 23.9 44.5



#9
Trichlorofluoromethane
Concen: 10.753 ug/L
RT: 1.741 min Scan# 218
Delta R.T. -0.023 min
Lab File: VV028685.D
Acq: 25 Oct 2022 13:50

Tgt Ion:101 Resp: 239806
Ion Ratio Lower Upper
101 100
103 65.4 51.0 76.6





#10

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

Concen: 11.230 ug/L

RT: 2.108 min Scan# 337

Delta R.T. -0.016 min

Lab File: VV028685.D

Acq: 25 Oct 2022 13:50

Instrument :

MSVOA_V

ClientSampleId :

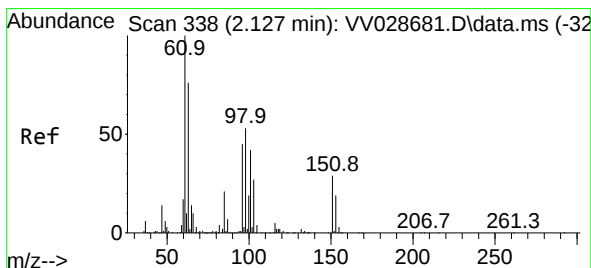
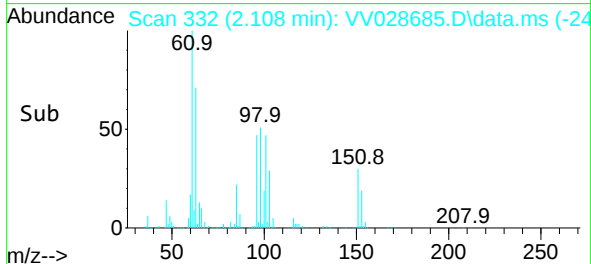
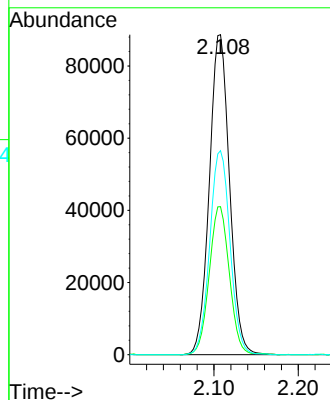
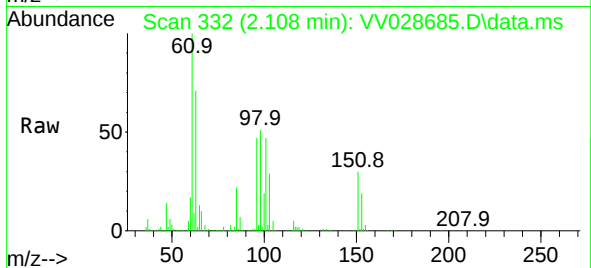
Tgt Ion:101 Resp: 147476

Ion Ratio Lower Upper

101 100

85 46.3 37.0 55.6

151 64.3 50.2 75.2



#12

1,1-Dichloroethene

Concen: 10.325 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.019 min

Lab File: VV028685.D

Acq: 25 Oct 2022 13:50

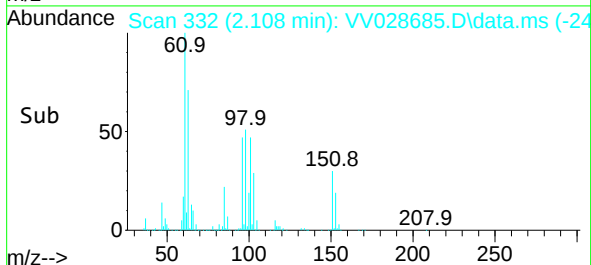
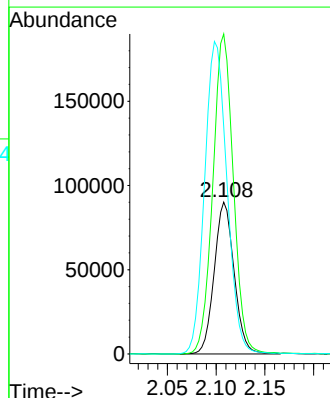
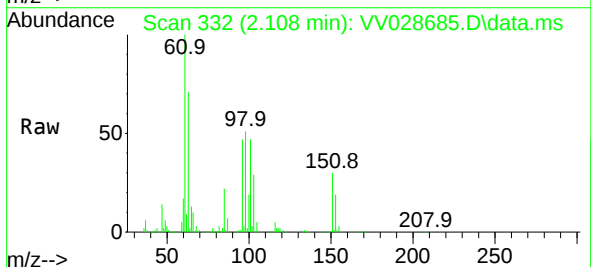
Tgt Ion: 96 Resp: 128401

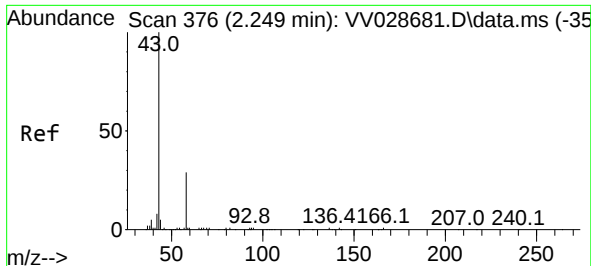
Ion Ratio Lower Upper

96 100

61 210.7 148.1 275.1

63 149.7 133.3 247.7





#13

Acetone

Concen: 79.715 ug/L

RT: 2.220 min Scan# 3

Delta R.T. -0.029 min

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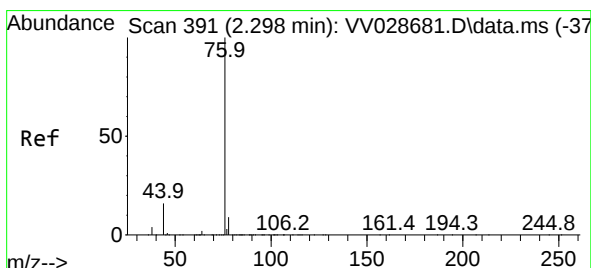
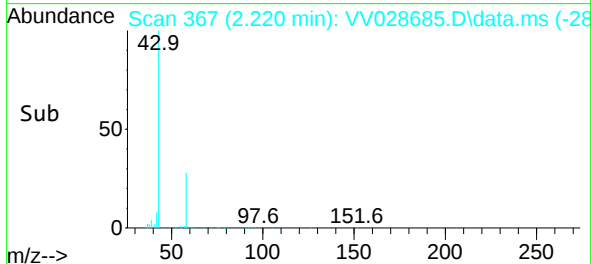
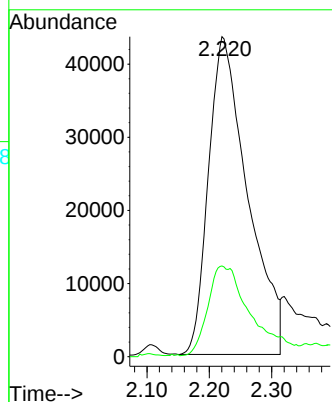
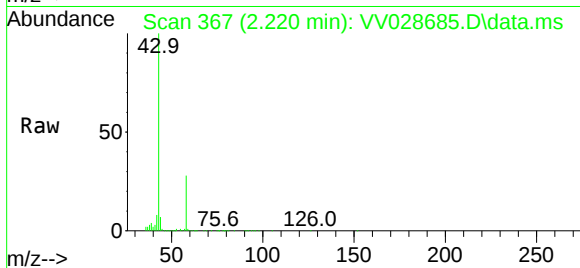
ClientSampleId :

Tgt Ion: 43 Resp: 189700

Ion Ratio Lower Upper

43 100

58 30.8 0.0 50.2



#14

Carbon disulfide

Concen: 9.170 ug/L

RT: 2.281 min Scan# 386

Delta R.T. -0.016 min

Lab File: VV028685.D

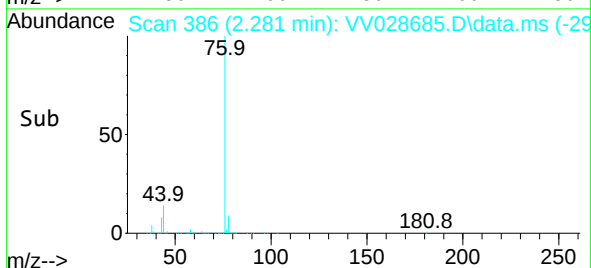
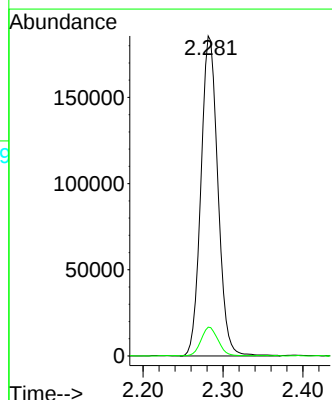
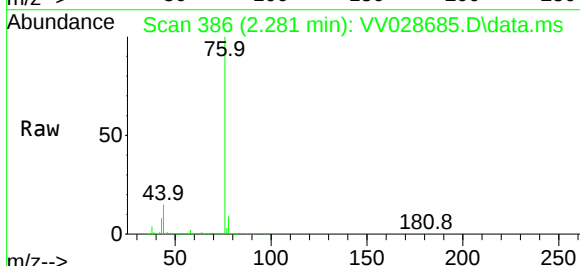
Acq: 25 Oct 2022 13:50

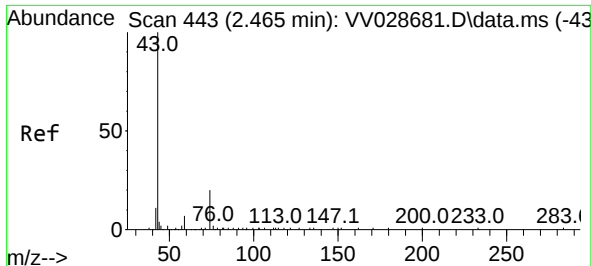
Tgt Ion: 76 Resp: 274199

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7

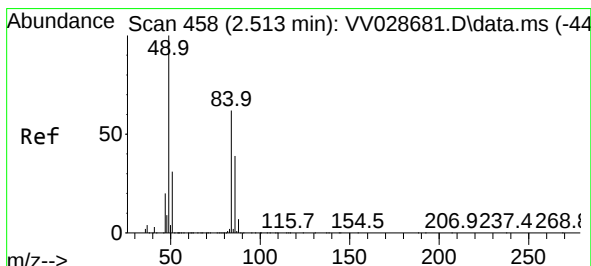
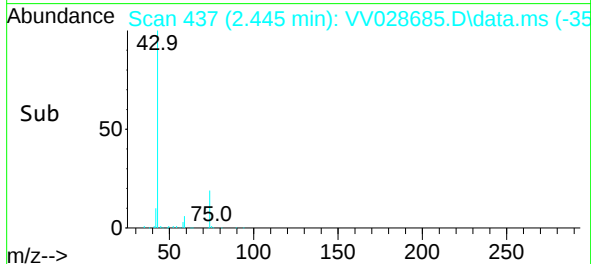
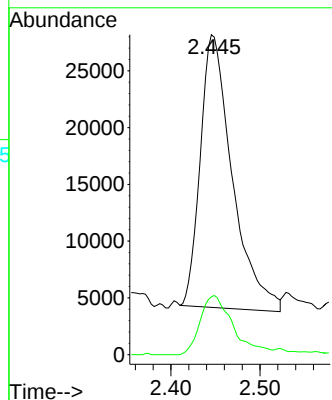
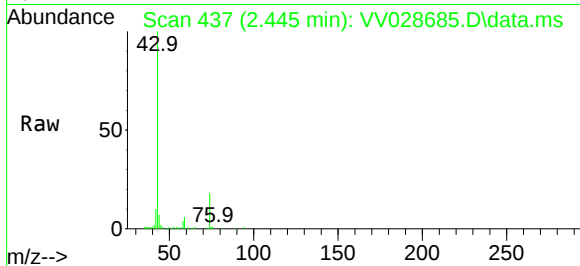




#15
Methyl Acetate
Concen: 8.450 ug/L
RT: 2.445 min Scan# 41
Delta R.T. -0.019 min
Lab File: VV028685.D
Acq: 25 Oct 2022 13:50

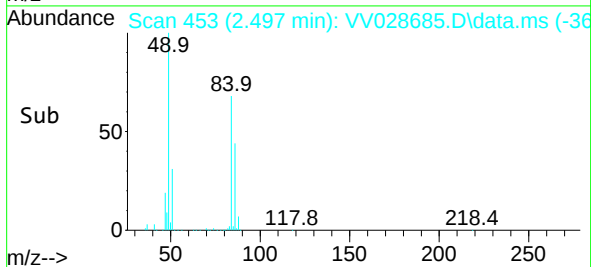
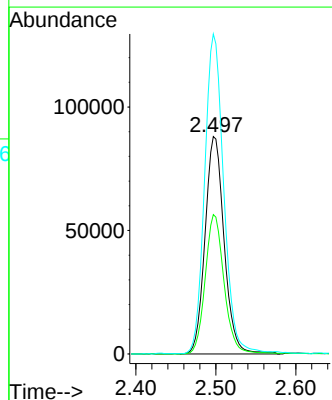
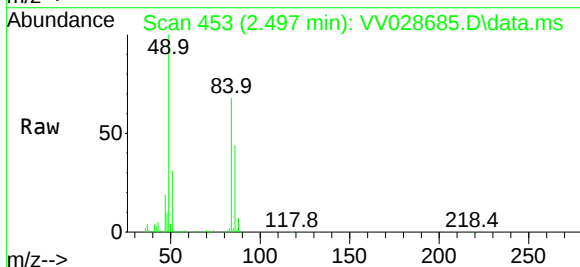
Instrument :
MSVOA_V
ClientSampleId :

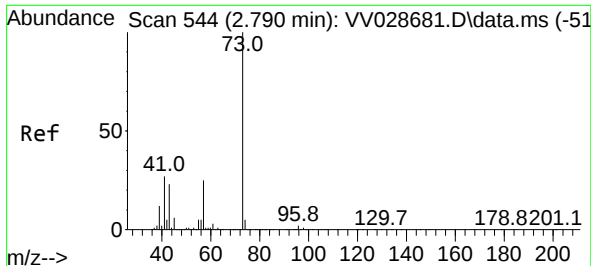
Tgt Ion: 43 Resp: 59911
Ion Ratio Lower Upper
43 100
74 22.3 14.9 22.3#



#16
Methylene chloride
Concen: 8.148 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.016 min
Lab File: VV028685.D
Acq: 25 Oct 2022 13:50

Tgt Ion: 84 Resp: 146643
Ion Ratio Lower Upper
84 100
86 64.0 44.4 82.4
49 147.1 110.8 205.8





#17

Methyl tert-butyl Ether

Concen: 9.780 ug/L

RT: 2.767 min Scan# 51

Delta R.T. -0.023 min

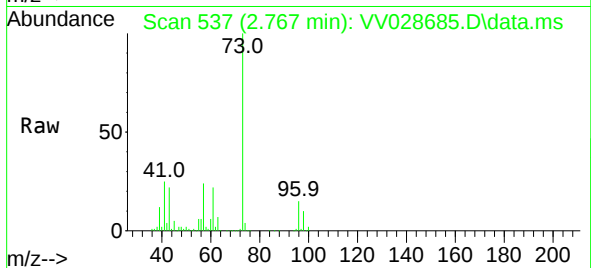
Lab File: VV028685.D

Acq: 25 Oct 2022 13:50

Instrument :

MSVOA_V

ClientSampleId :



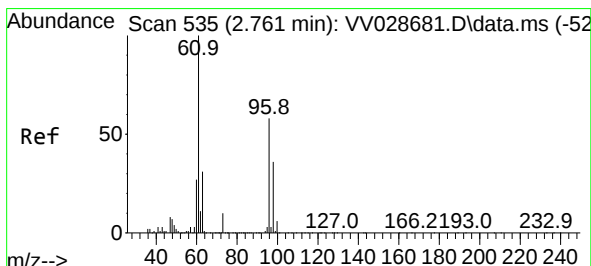
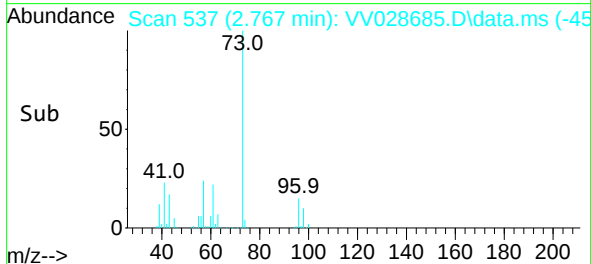
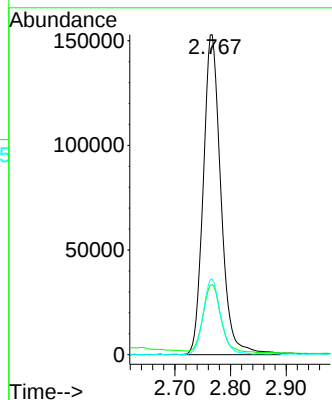
Tgt Ion: 73 Resp: 337003

Ion Ratio Lower Upper

73 100

43 21.5 18.0 27.0

57 23.6 20.0 30.0



#18

trans-1,2-Dichloroethene

Concen: 9.068 ug/L

RT: 2.748 min Scan# 531

Delta R.T. -0.013 min

Lab File: VV028685.D

Acq: 25 Oct 2022 13:50

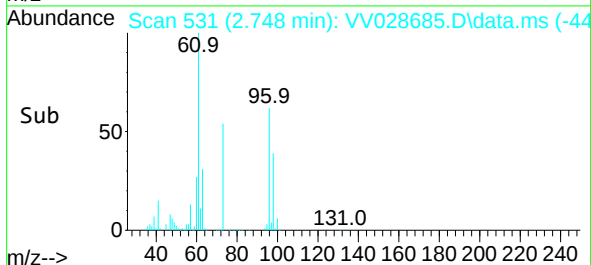
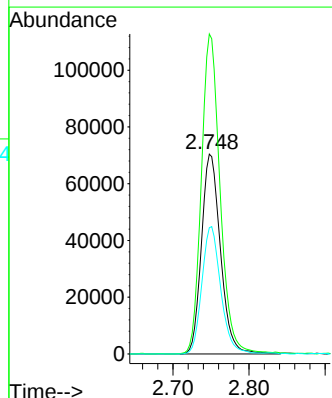
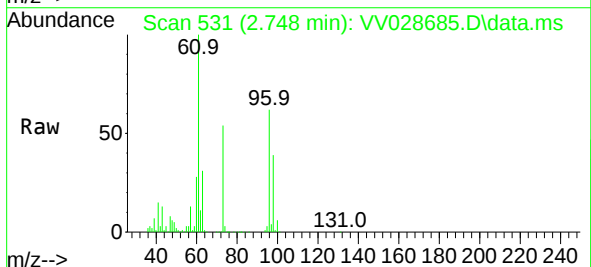
Tgt Ion: 96 Resp: 122649

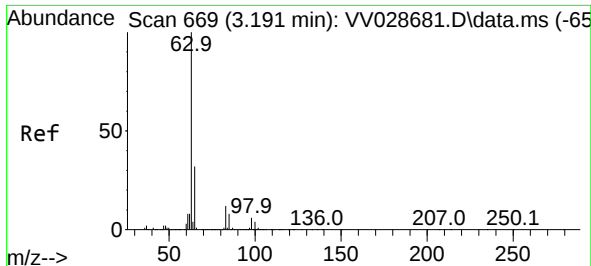
Ion Ratio Lower Upper

96 100

61 160.1 114.3 212.3

98 63.2 45.0 83.6





#19

1,1-Dichloroethane

Concen: 9.262 ug/L

RT: 3.178 min Scan# 6

Delta R.T. -0.013 min

Lab File: VV028685.D

Acq: 25 Oct 2022 13:50

Instrument :

MSVOA_V

ClientSampleId :

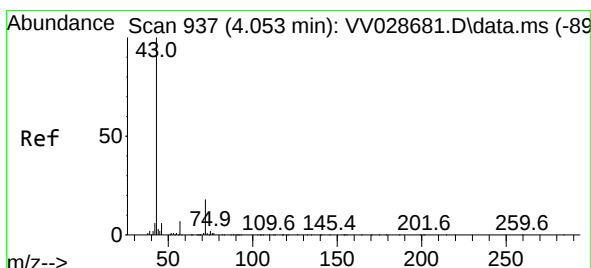
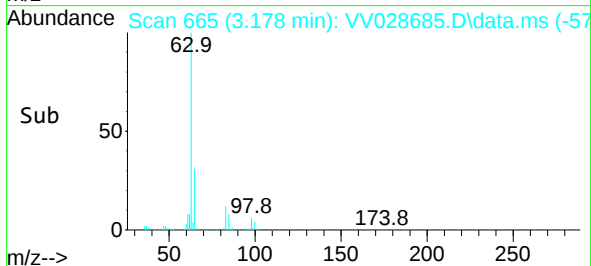
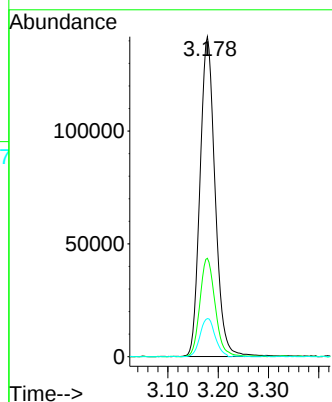
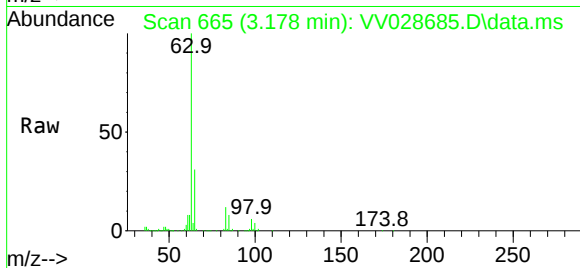
Tgt Ion: 63 Resp: 295861

Ion Ratio Lower Upper

63 100

65 30.8 23.1 42.9

83 11.9 7.9 14.7



#21

2-Butanone

Concen: 86.529 ug/L

RT: 3.998 min Scan# 920

Delta R.T. -0.055 min

Lab File: VV028685.D

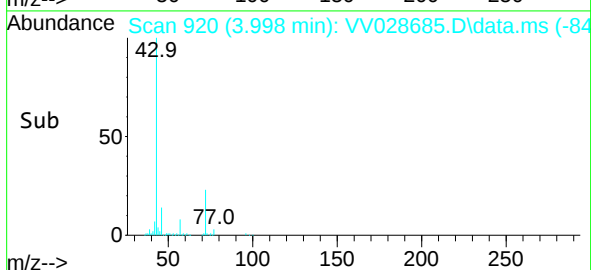
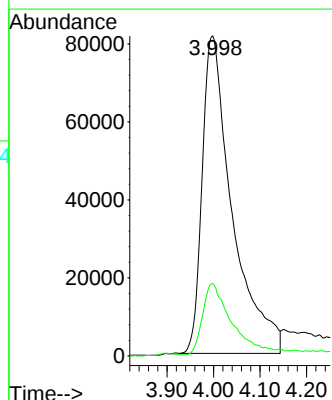
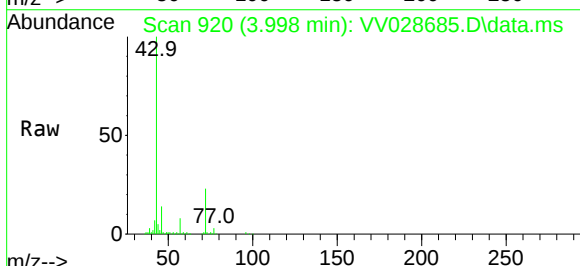
Acq: 25 Oct 2022 13:50

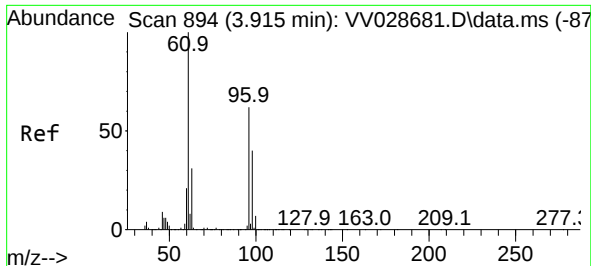
Tgt Ion: 43 Resp: 364777

Ion Ratio Lower Upper

43 100

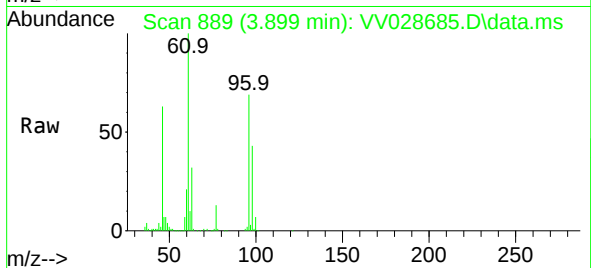
72 21.9 10.2 30.4



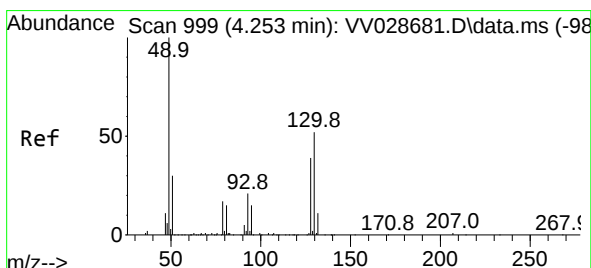
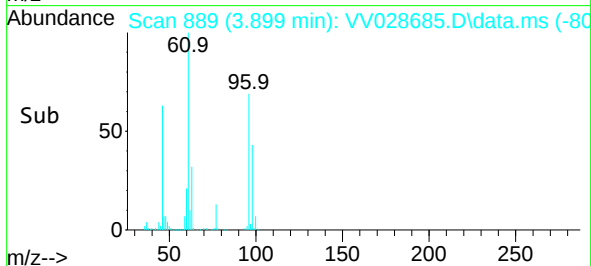
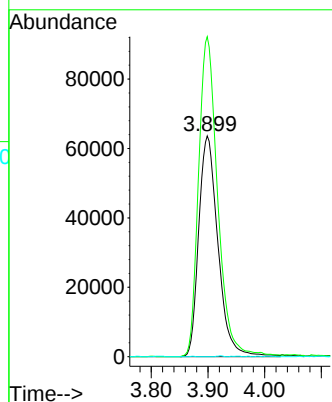


#22
 cis-1,2-Dichloroethene
 Concen: 9.560 ug/L
 RT: 3.899 min Scan# 894
 Delta R.T. -0.016 min
 Lab File: VV028685.D
 Acq: 25 Oct 2022 13:50

Instrument :
 MSVOA_V
 ClientSampleId :

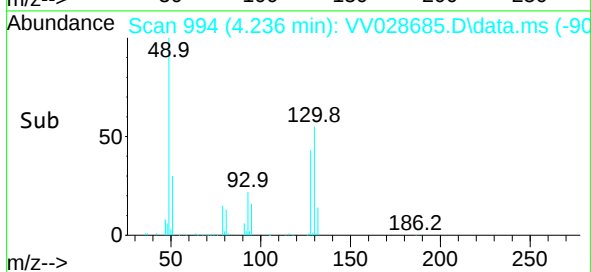
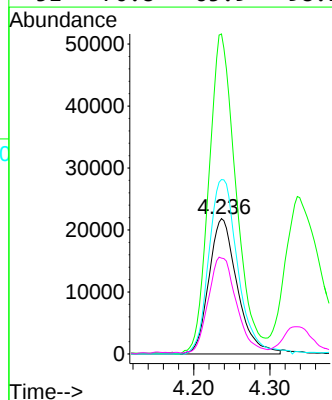
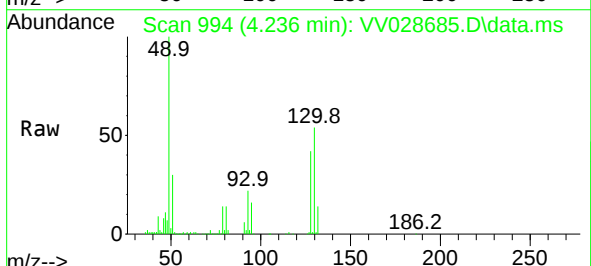


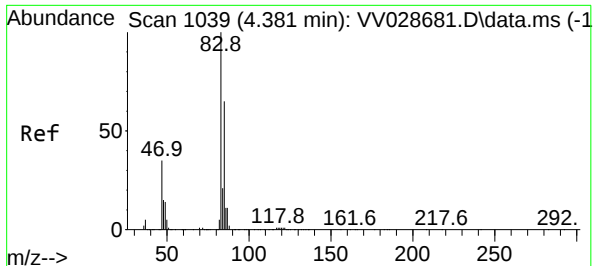
Tgt Ion: 96 Resp: 150064
 Ion Ratio Lower Upper
 96 100
 61 145.0 101.4 188.2
 68 0.0 0.5 0.9#



#23
 Bromochloromethane
 Concen: 9.793 ug/L
 RT: 4.236 min Scan# 994
 Delta R.T. -0.016 min
 Lab File: VV028685.D
 Acq: 25 Oct 2022 13:50

Tgt Ion: 128 Resp: 56487
 Ion Ratio Lower Upper
 128 100
 49 236.3 171.1 317.7
 130 128.7 86.4 160.4
 51 70.8 65.9 98.9





#25

Chloroform

Concen: 9.404 ug/L

RT: 4.362 min Scan# 1033

Delta R.T. -0.019 min

Lab File: VV028685.D

Acq: 25 Oct 2022 13:50

Instrument :

MSVOA_V

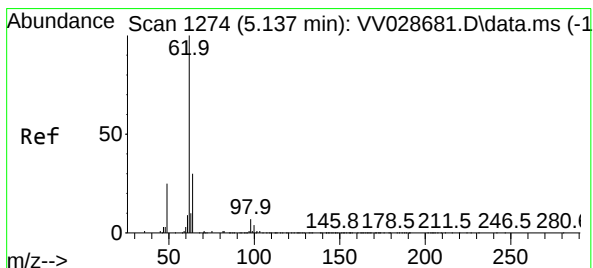
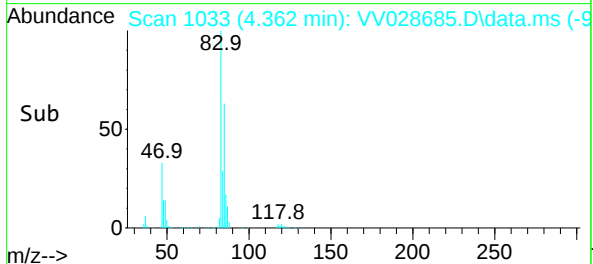
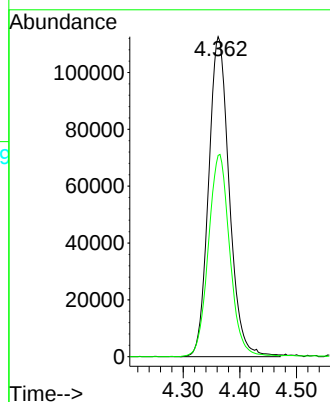
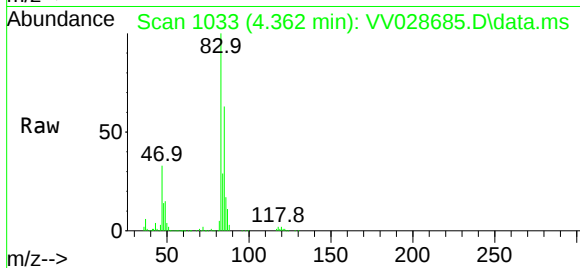
ClientSampleId :

Tgt Ion: 83 Resp: 285478

Ion Ratio Lower Upper

83 100

85 62.9 44.1 81.9



#27

1,2-Dichloroethane

Concen: 8.916 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.013 min

Lab File: VV028685.D

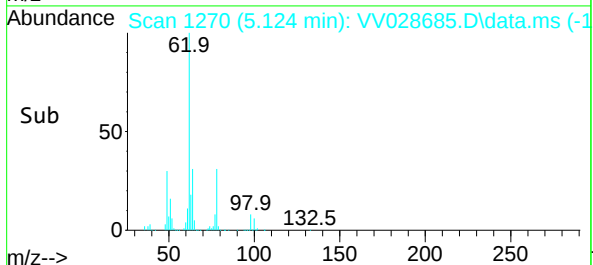
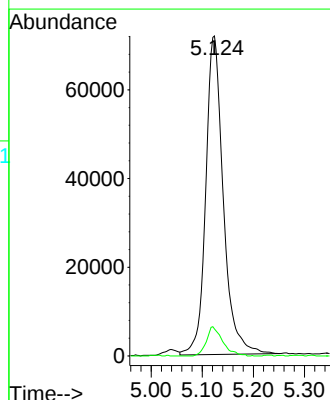
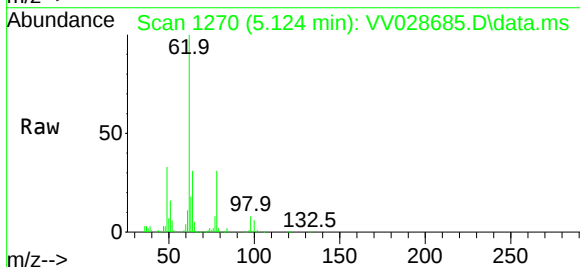
Acq: 25 Oct 2022 13:50

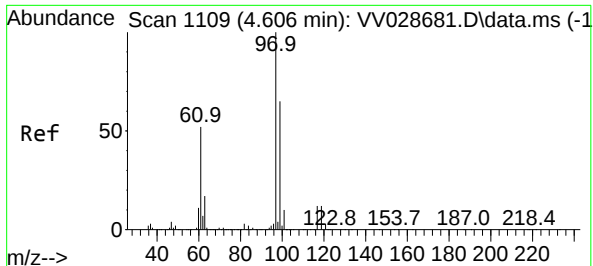
Tgt Ion: 62 Resp: 171701

Ion Ratio Lower Upper

62 100

98 8.4 6.6 9.8





#29

1,1,1-Trichloroethane

Concen: 7.187 ug/L

RT: 4.596 min Scan# 1106

Delta R.T. -0.010 min

Lab File: VV028685.D

Acq: 25 Oct 2022 13:50

Instrument :

MSVOA_V

ClientSampleId :

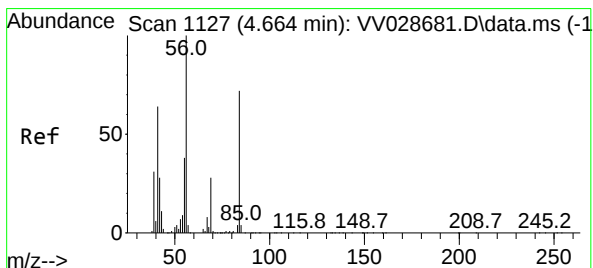
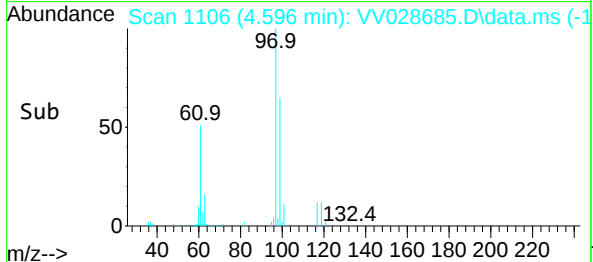
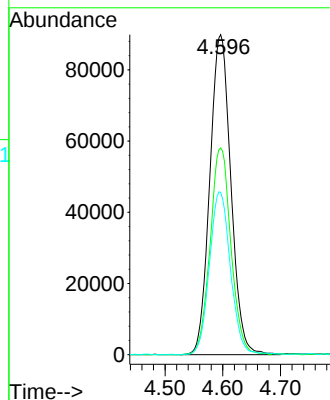
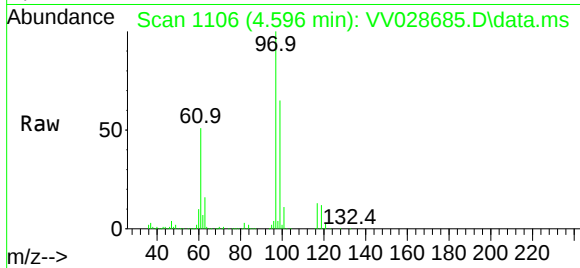
Tgt Ion: 97 Resp: 227552

Ion Ratio Lower Upper

97 100

99 63.8 50.5 75.7

61 50.7 43.1 64.7



#30

Cyclohexane

Concen: 6.703 ug/L

RT: 4.664 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VV028685.D

Acq: 25 Oct 2022 13:50

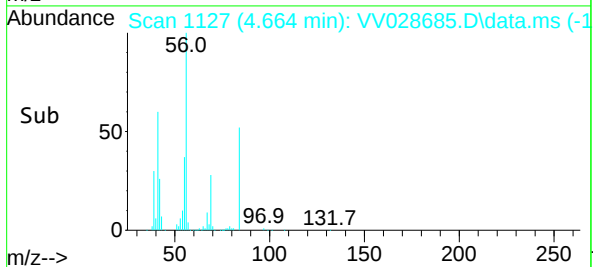
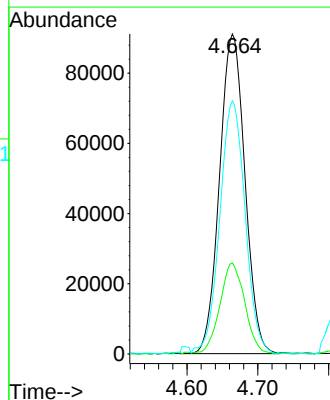
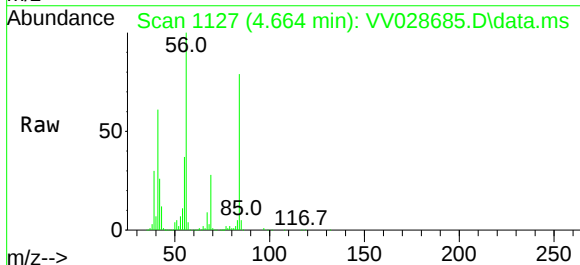
Tgt Ion: 56 Resp: 226993

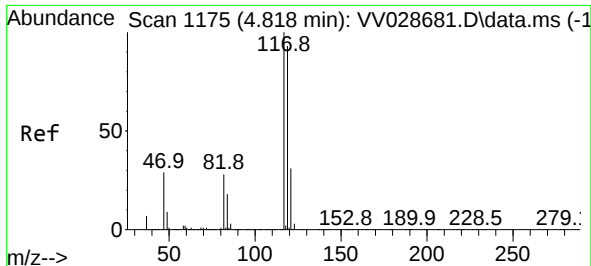
Ion Ratio Lower Upper

56 100

69 27.5 22.6 34.0

84 79.0 60.4 90.6

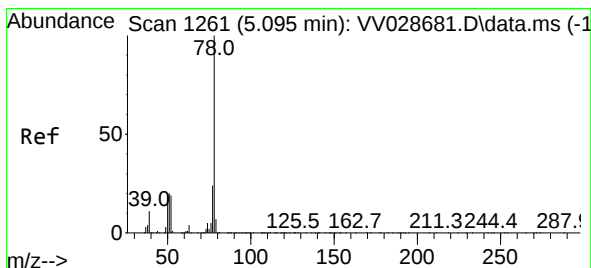
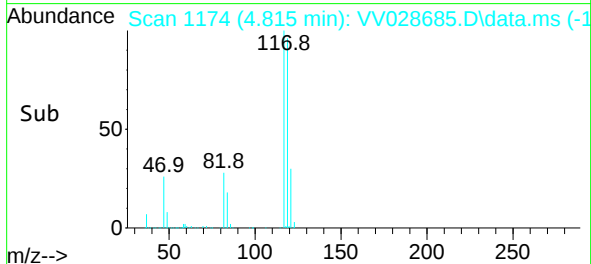
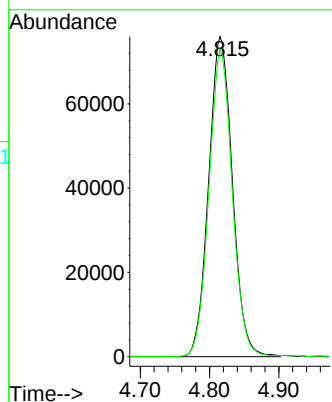
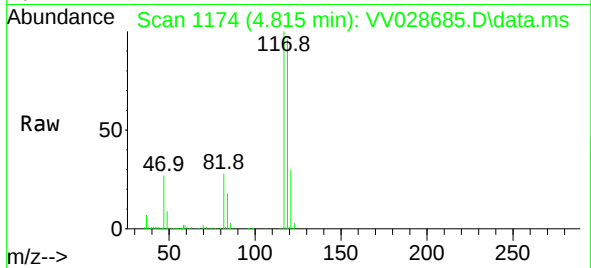




#31
Carbon tetrachloride
Concen: 7.681 ug/L
RT: 4.815 min Scan# 1175
Delta R.T. -0.003 min
Lab File: VV028685.D
Acq: 25 Oct 2022 13:50

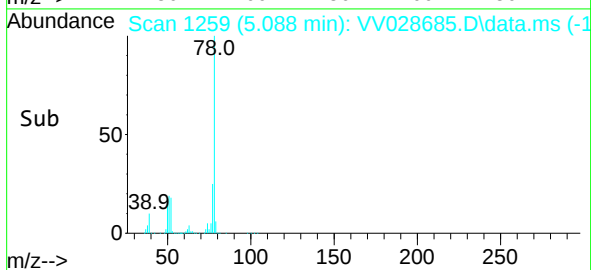
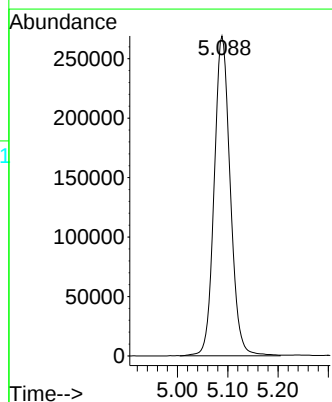
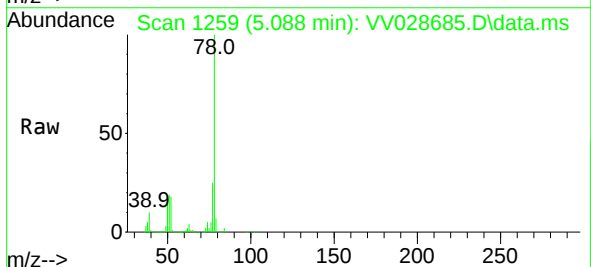
Instrument :
MSVOA_V
ClientSampleId :

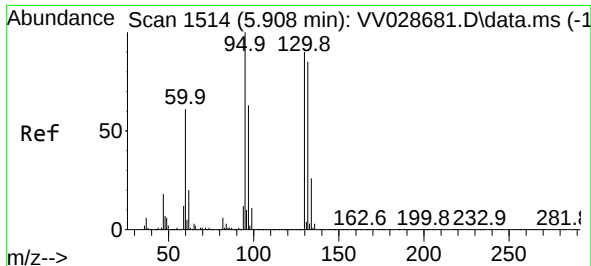
Tgt Ion:117 Resp: 180973
Ion Ratio Lower Upper
117 100
119 94.0 76.1 114.1



#33
Benzene
Concen: 7.066 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. -0.007 min
Lab File: VV028685.D
Acq: 25 Oct 2022 13:50

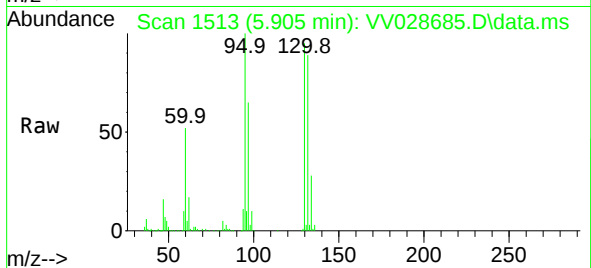
Tgt Ion: 78 Resp: 597145



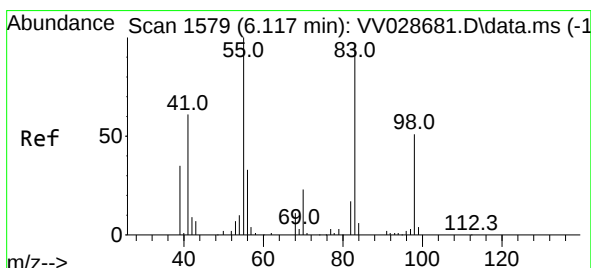
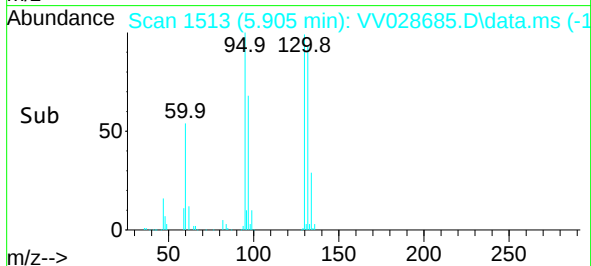
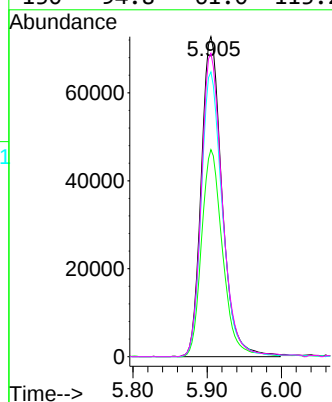


#34
Trichloroethene
Concen: 7.336 ug/L
RT: 5.905 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV028685.D
Acq: 25 Oct 2022 13:50

Instrument :
MSVOA_V
ClientSampleId :

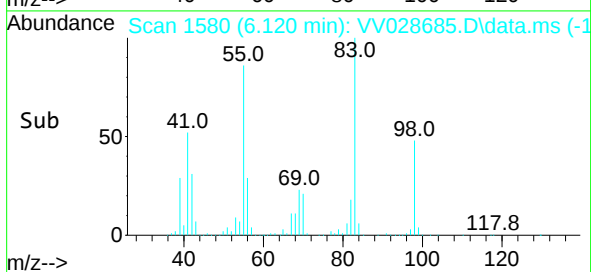
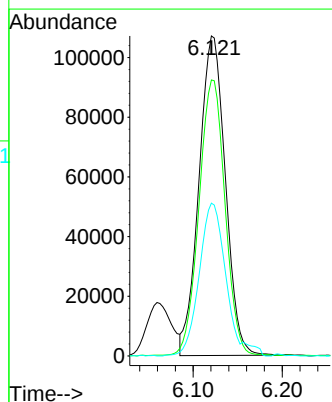
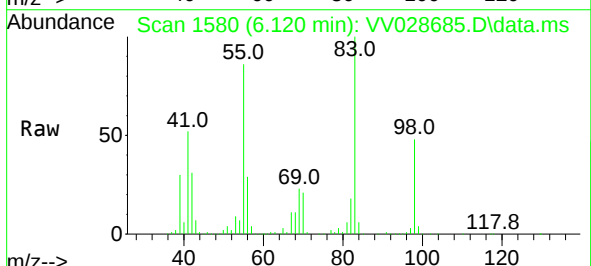


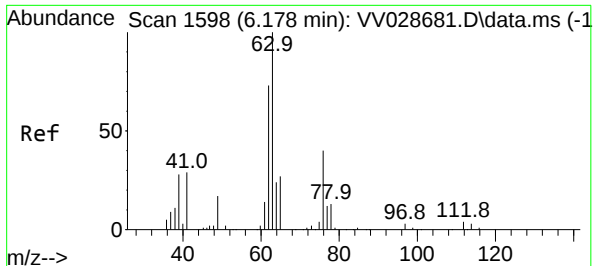
Tgt Ion: 95 Resp: 141811
Ion Ratio Lower Upper
95 100
97 64.7 43.5 80.9
132 89.0 56.5 104.9
130 94.8 61.0 113.2



#35
Methylcyclohexane
Concen: 7.673 ug/L
RT: 6.120 min Scan# 1580
Delta R.T. 0.003 min
Lab File: VV028685.D
Acq: 25 Oct 2022 13:50

Tgt Ion: 83 Resp: 220034
Ion Ratio Lower Upper
83 100
55 85.2 70.0 105.0
98 48.8 35.6 53.4





#37

1,2-Dichloropropane

Concen: 7.813 ug/L

RT: 6.165 min Scan# 1

Delta R.T. -0.013 min

Lab File: VV028685.D

Acq: 25 Oct 2022 13:50

Instrument :

MSVOA_V

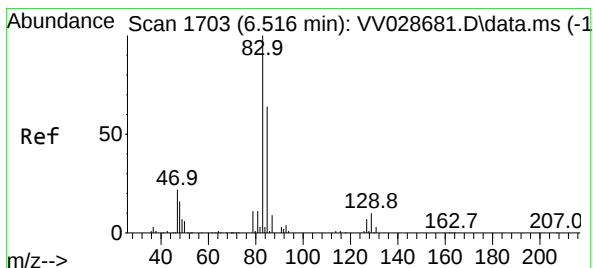
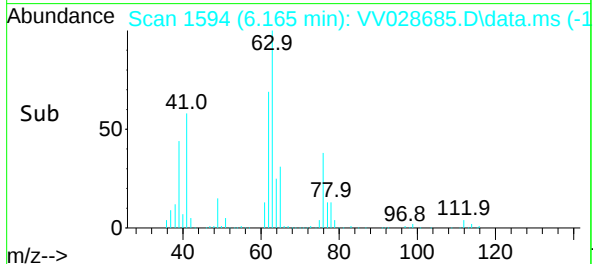
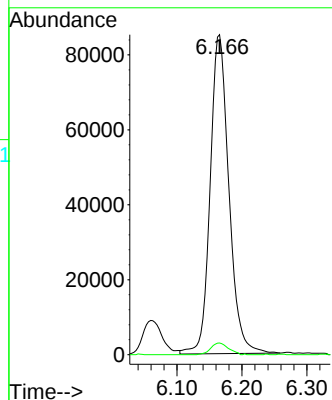
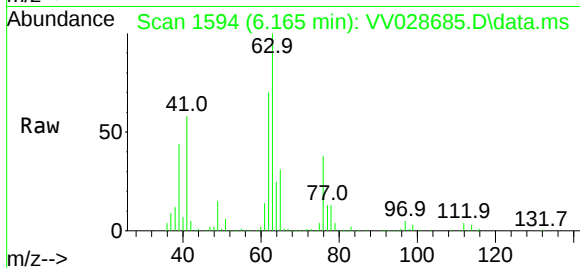
ClientSampleId :

Tgt Ion: 63 Resp: 170503

Ion Ratio Lower Upper

63 100

112 3.5 3.4 5.2



#38

Bromodichloromethane

Concen: 9.192 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. -0.016 min

Lab File: VV028685.D

Acq: 25 Oct 2022 13:50

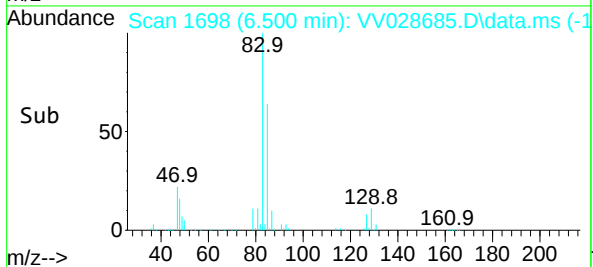
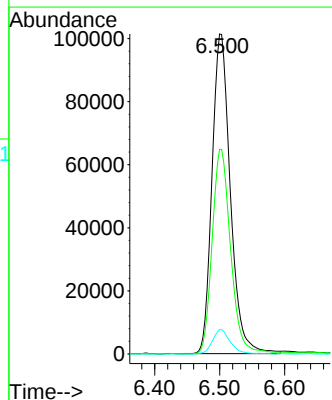
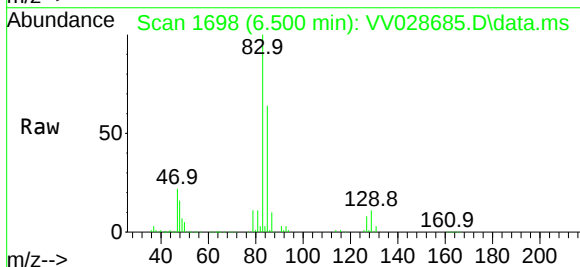
Tgt Ion: 83 Resp: 198637

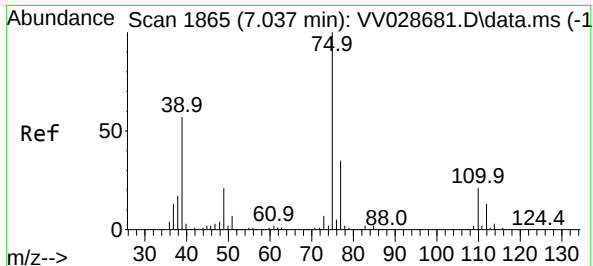
Ion Ratio Lower Upper

83 100

85 64.0 45.1 83.9

127 7.6 5.7 8.5





#39

cis-1,3-Dichloropropene

Concen: 9.371 ug/L

RT: 7.021 min Scan# 11

Delta R.T. -0.016 min

Lab File: VV028685.D

Acq: 25 Oct 2022 13:50

Instrument :

MSVOA_V

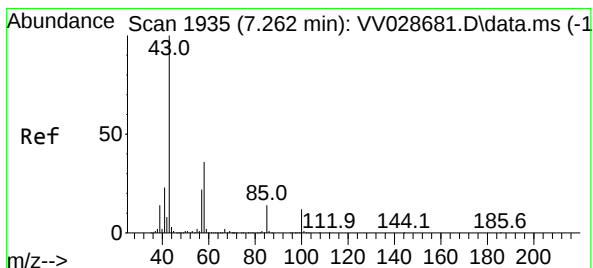
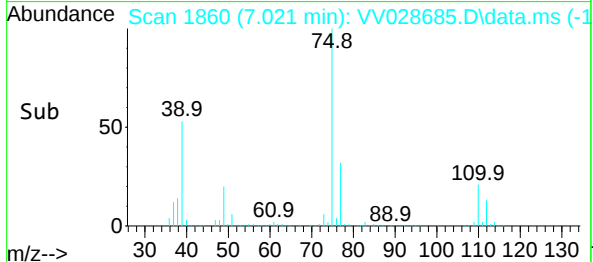
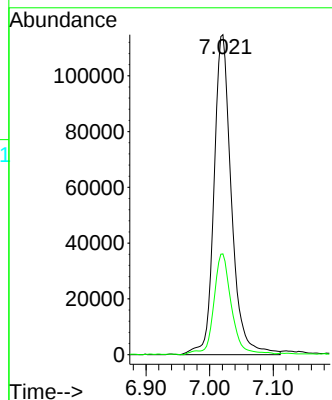
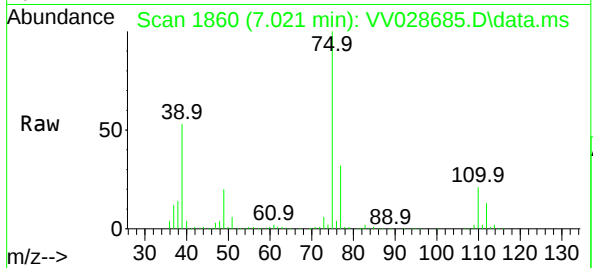
ClientSampleId :

Tgt Ion: 75 Resp: 218683

Ion Ratio Lower Upper

75 100

77 31.5 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 97.864 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.039 min

Lab File: VV028685.D

Acq: 25 Oct 2022 13:50

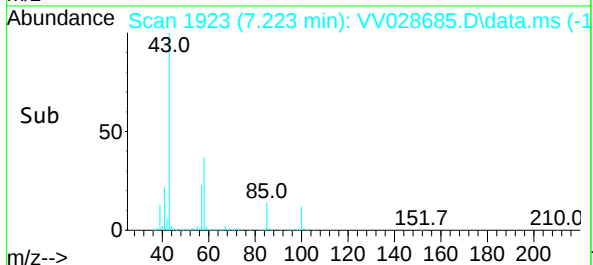
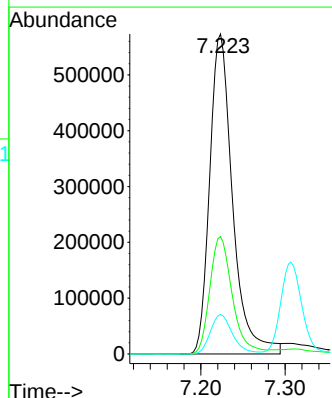
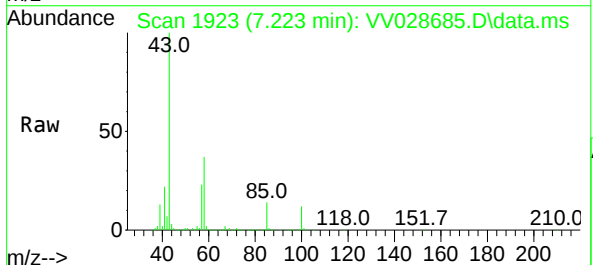
Tgt Ion: 43 Resp: 1082274

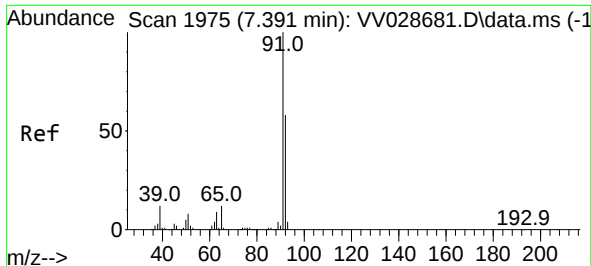
Ion Ratio Lower Upper

43 100

58 36.0 29.6 44.4

100 12.0 9.4 14.0





#42

Toluene

Concen: 8.874 ug/L

RT: 7.378 min Scan# 1975

Delta R.T. -0.013 min

Lab File: VV028685.D

Acq: 25 Oct 2022 13:50

Instrument :

MSVOA_V

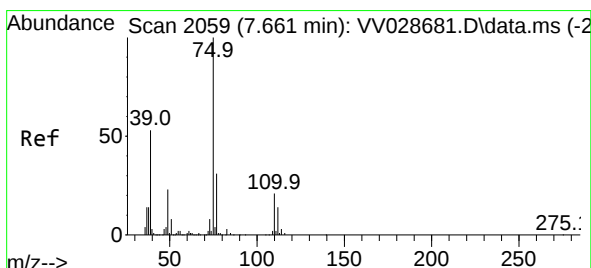
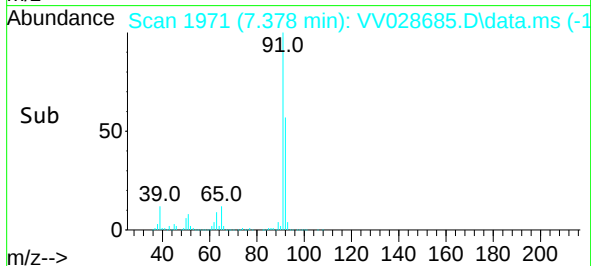
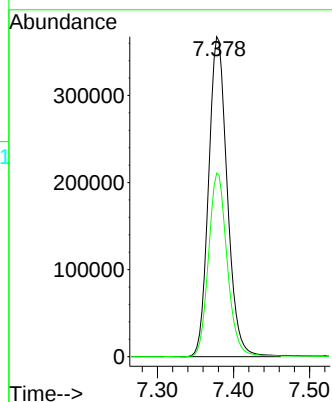
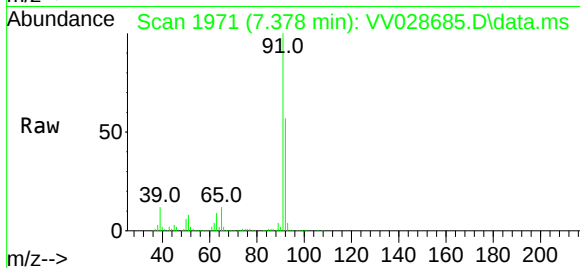
ClientSampleId :

Tgt Ion: 91 Resp: 626390

Ion Ratio Lower Upper

91 100

92 57.4 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 10.467 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. -0.016 min

Lab File: VV028685.D

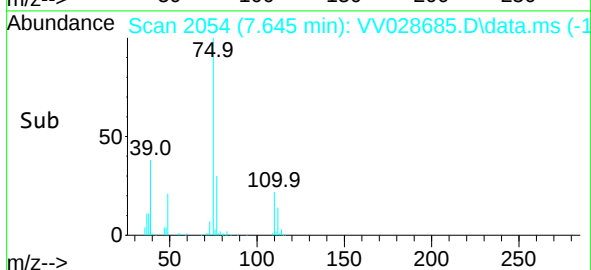
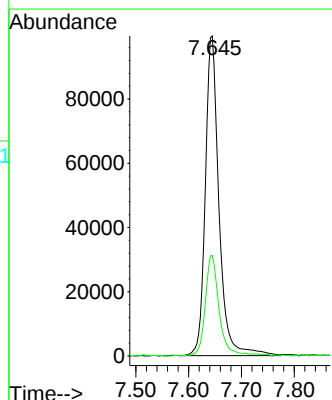
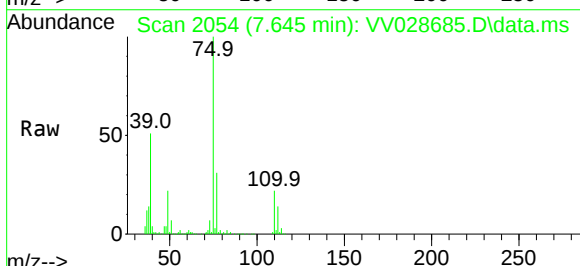
Acq: 25 Oct 2022 13:50

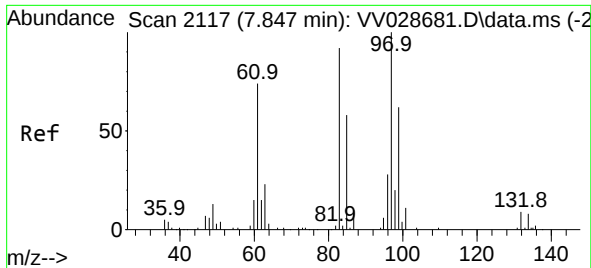
Tgt Ion: 75 Resp: 179243

Ion Ratio Lower Upper

75 100

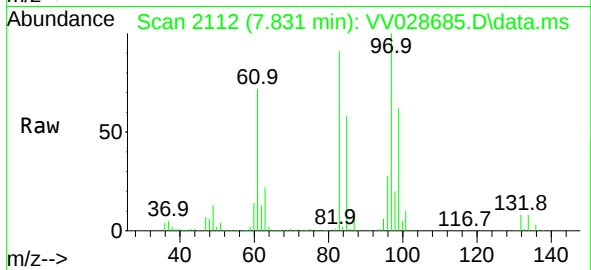
77 31.4 22.6 42.0



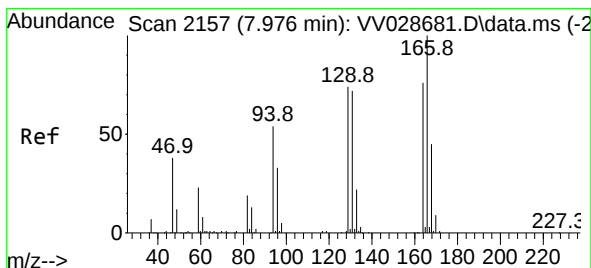
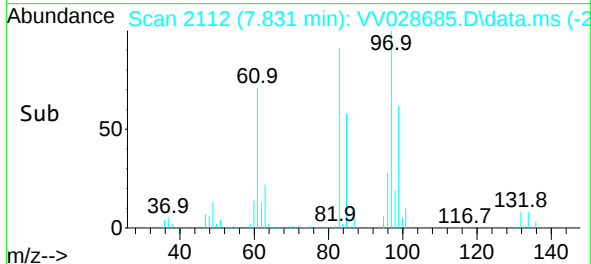
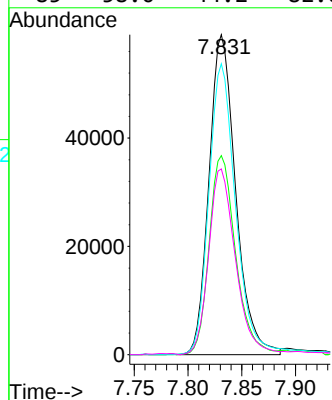


#45
1,1,2-Trichloroethane
Concen: 9.349 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. -0.016 min
Lab File: VV028685.D
Acq: 25 Oct 2022 13:50

Instrument :
MSVOA_V
ClientSampleId :

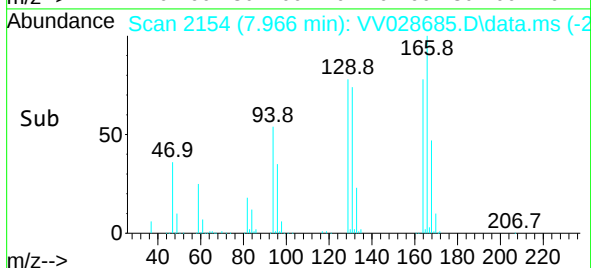
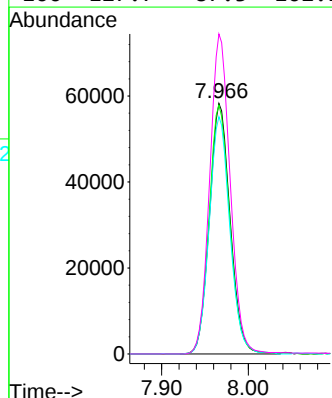
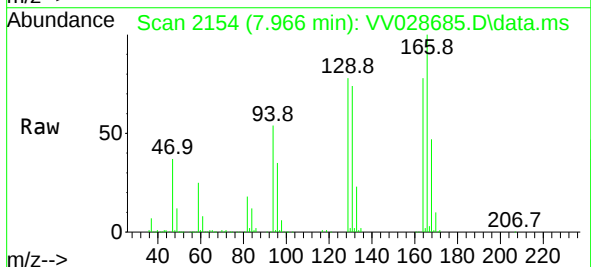


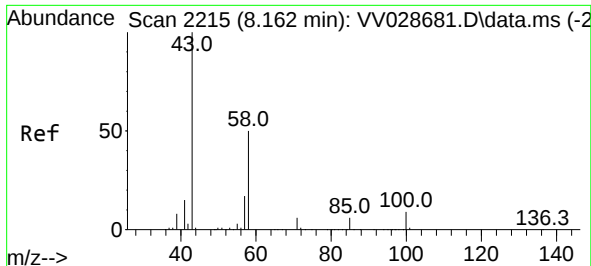
Tgt Ion:	97	Resp:	102191
Ion Ratio	Lower	Upper	
97	100		
99	62.2	44.0	81.6
83	90.9	66.2	123.0
85	58.0	44.2	82.0



#47
Tetrachloroethene
Concen: 9.126 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.010 min
Lab File: VV028685.D
Acq: 25 Oct 2022 13:50

Tgt Ion:	164	Resp:	96928
Ion Ratio	Lower	Upper	
164	100		
129	99.3	69.2	128.6
131	94.7	64.2	119.2
166	127.7	87.3	162.1

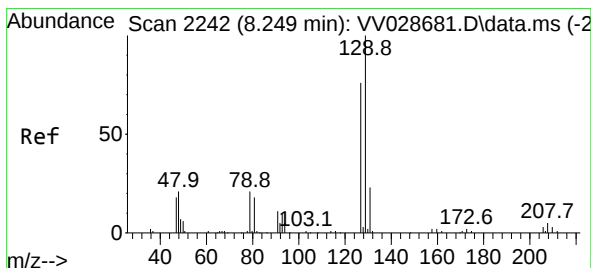
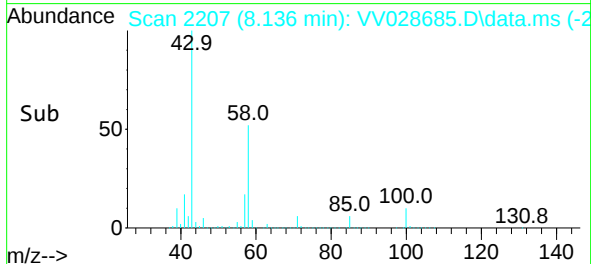
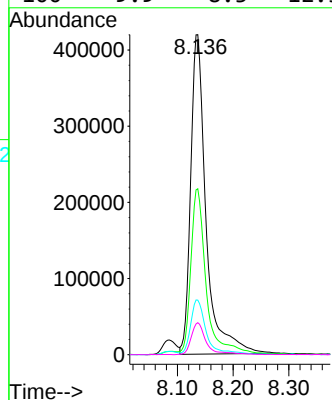
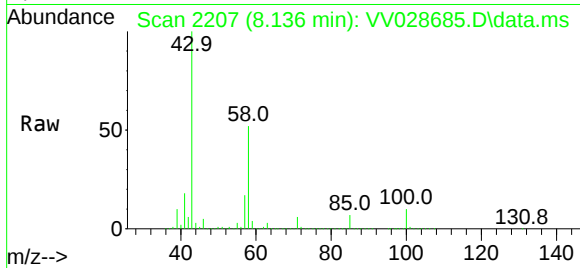




#48
2-Hexanone
Concen: 114.111 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.026 min
Lab File: VV028685.D
Acq: 25 Oct 2022 13:50

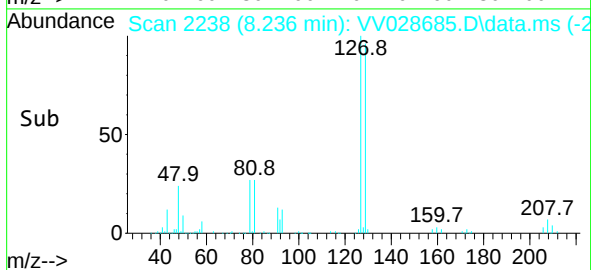
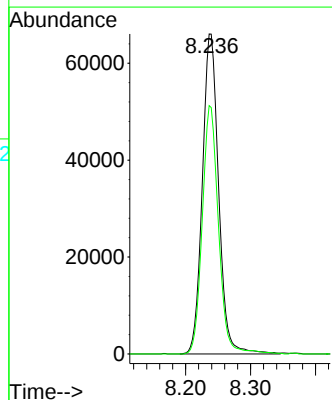
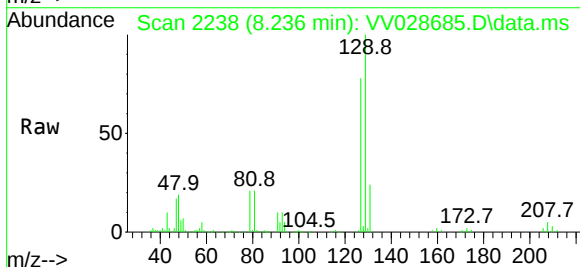
Instrument :
MSVOA_V
ClientSampleId :

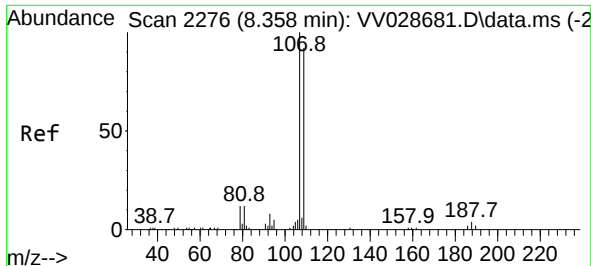
Tgt Ion: 43 Resp: 806577
Ion Ratio Lower Upper
43 100
58 51.4 40.6 60.8
57 17.1 13.8 20.8
100 9.9 8.3 12.5



#49
Dibromochloromethane
Concen: 11.320 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. -0.013 min
Lab File: VV028685.D
Acq: 25 Oct 2022 13:50

Tgt Ion: 129 Resp: 115591
Ion Ratio Lower Upper
129 100
127 77.6 51.6 95.8





#50

1,2-Dibromoethane

Concen: 9.811 ug/L

RT: 8.345 min Scan# 21

Delta R.T. -0.013 min

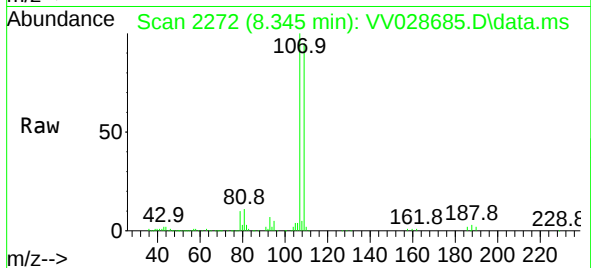
Lab File: VV028685.D

Acq: 25 Oct 2022 13:50

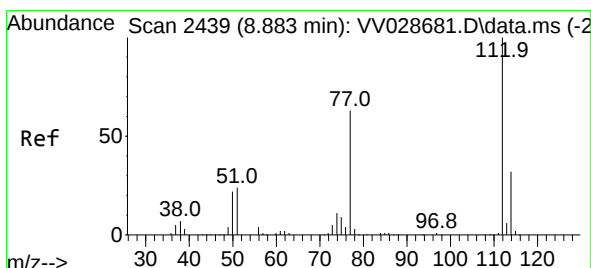
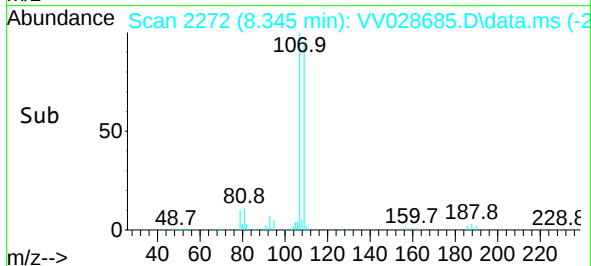
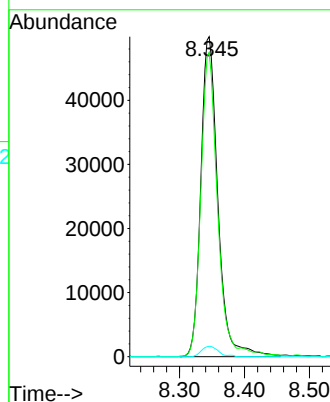
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	91286
Ion	Ratio	Lower	Upper
107	100		
109	95.1	64.0	118.8
188	3.2	2.9	4.3



#51

Chlorobenzene

Concen: 9.473 ug/L

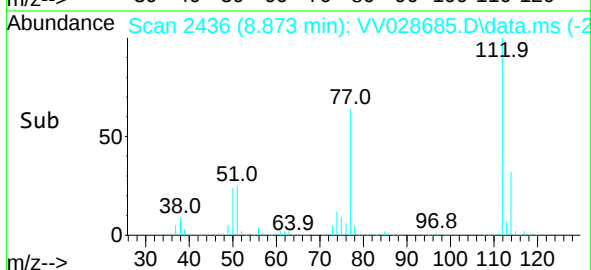
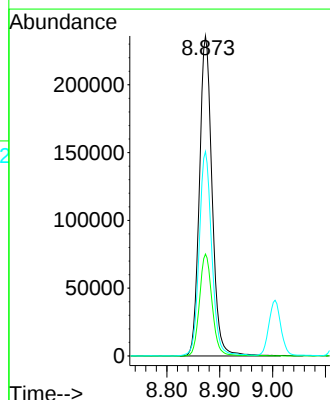
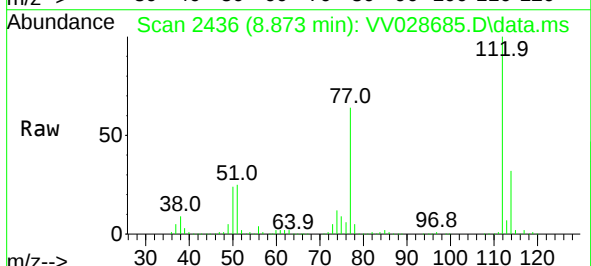
RT: 8.873 min Scan# 2436

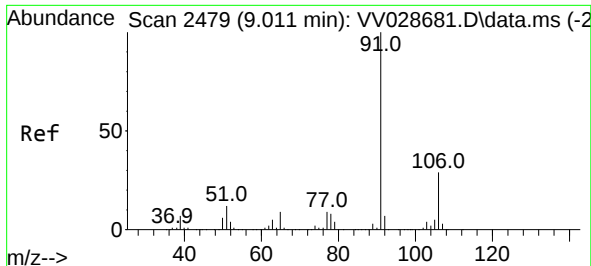
Delta R.T. -0.010 min

Lab File: VV028685.D

Acq: 25 Oct 2022 13:50

Tgt Ion:	112	Resp:	392118
Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.0	41.0
77	63.9	50.0	75.0





#52

Ethylbenzene

Concen: 9.601 ug/L

RT: 9.005 min Scan# 24

Delta R.T. -0.007 min

Lab File: VV028685.D

Acq: 25 Oct 2022 13:50

Instrument :

MSVOA_V

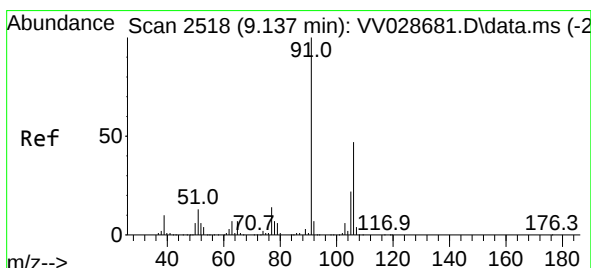
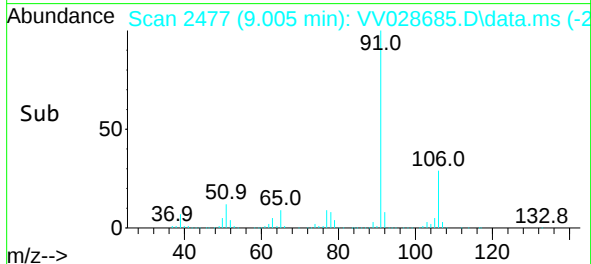
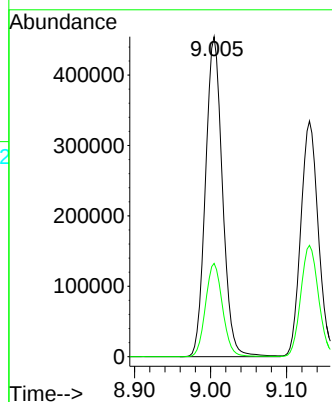
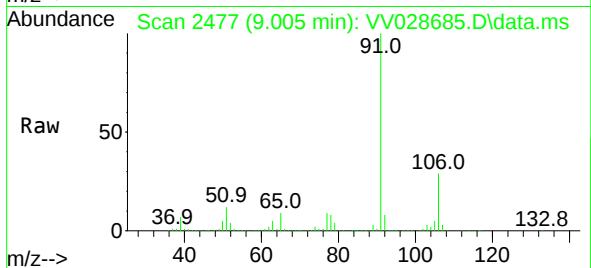
ClientSampleId :

Tgt Ion: 91 Resp: 704737

Ion Ratio Lower Upper

91 100

106 29.2 21.3 39.6



#53

m,p-Xylene

Concen: 9.722 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. -0.007 min

Lab File: VV028685.D

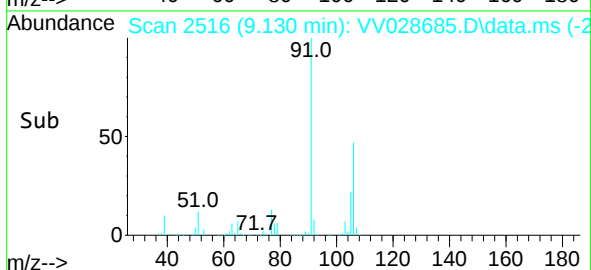
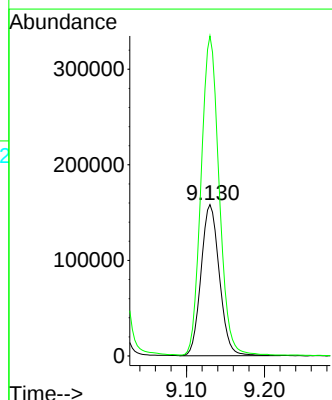
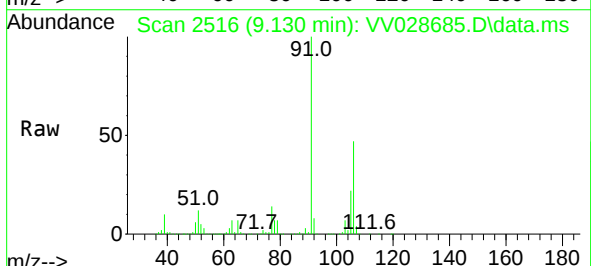
Acq: 25 Oct 2022 13:50

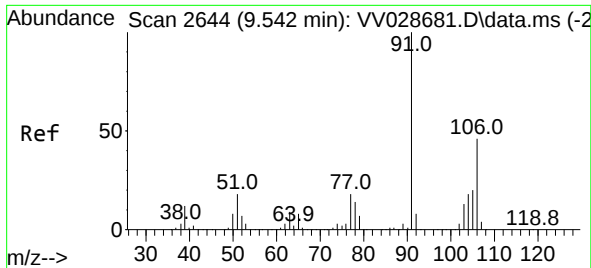
Tgt Ion:106 Resp: 257930

Ion Ratio Lower Upper

106 100

91 211.5 145.5 270.1

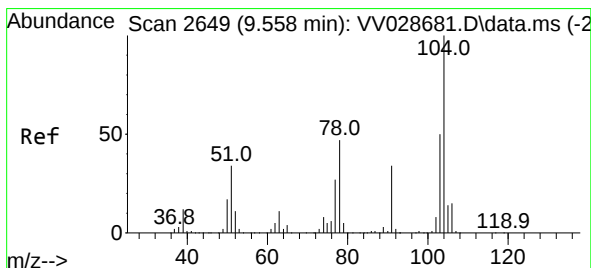
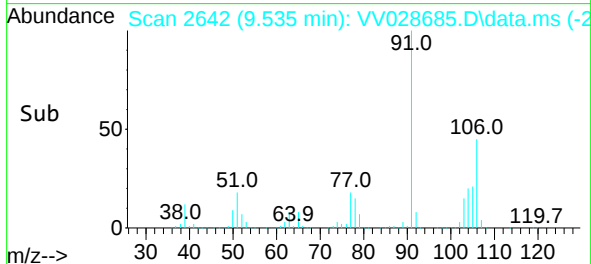
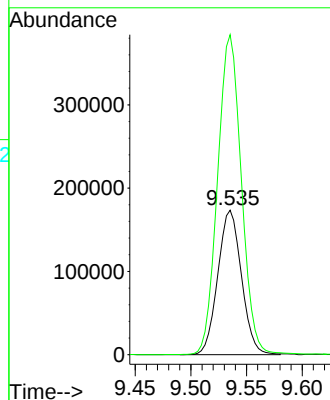
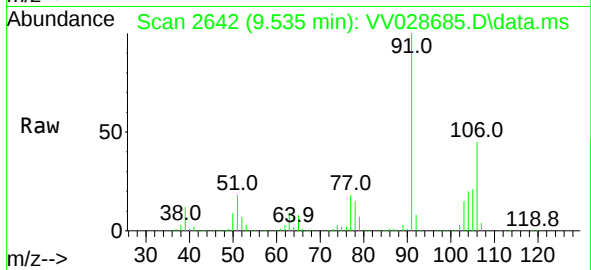




#54
o-Xylene
Concen: 9.641 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.007 min
Lab File: VV028685.D
Acq: 25 Oct 2022 13:50

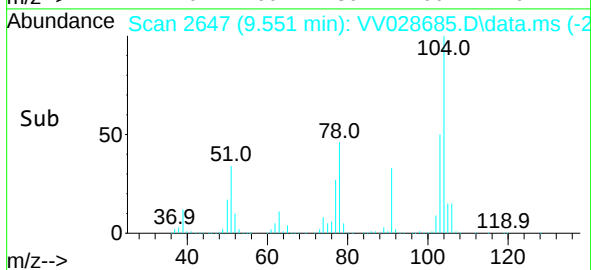
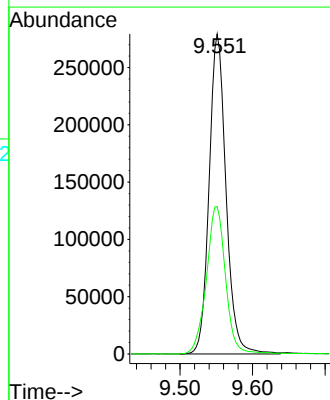
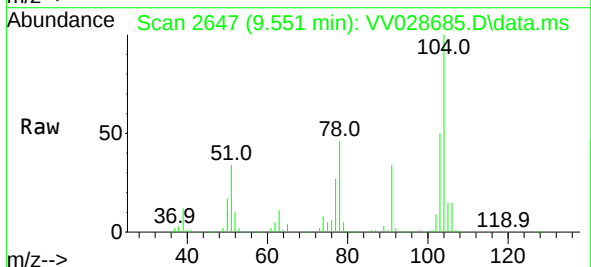
Instrument :
MSVOA_V
ClientSampleId :

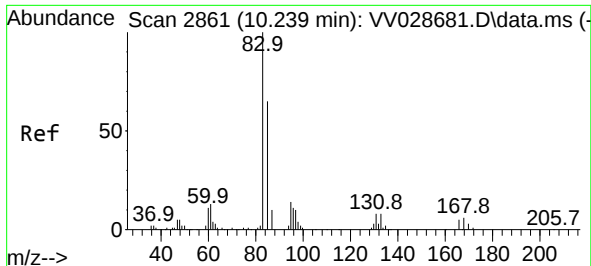
Tgt Ion:106 Resp: 256199
Ion Ratio Lower Upper
106 100
91 221.4 159.0 295.4



#55
Styrene
Concen: 10.005 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.007 min
Lab File: VV028685.D
Acq: 25 Oct 2022 13:50

Tgt Ion:104 Resp: 451951
Ion Ratio Lower Upper
104 100
78 46.1 32.8 61.0





#57

1,1,2,2-Tetrachloroethane

Concen: 10.463 ug/L

RT: 10.233 min Scan# 21

Delta R.T. -0.007 min

Lab File: VV028685.D

Acq: 25 Oct 2022 13:50

Instrument :

MSVOA_V

ClientSampleId :

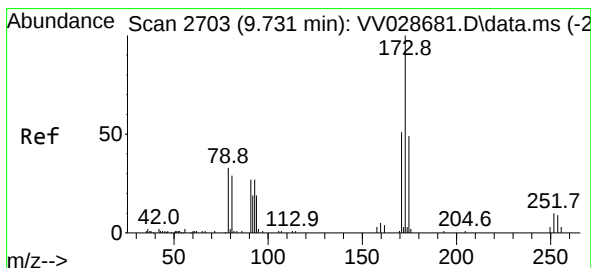
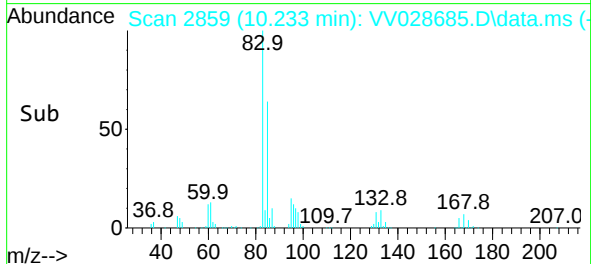
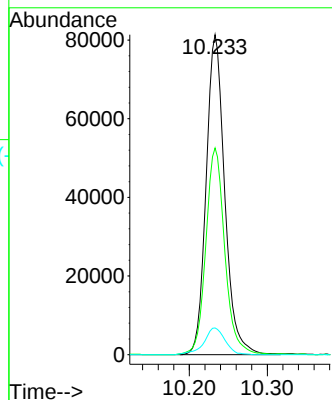
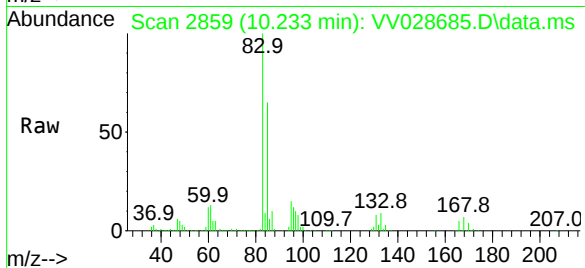
Tgt Ion: 83 Resp: 134600

Ion Ratio Lower Upper

83 100

85 64.6 43.0 80.0

131 8.3 6.5 9.7



#59

Bromoform

Concen: 11.416 ug/L

RT: 9.725 min Scan# 2701

Delta R.T. -0.007 min

Lab File: VV028685.D

Acq: 25 Oct 2022 13:50

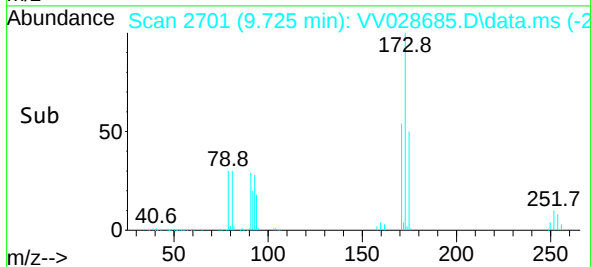
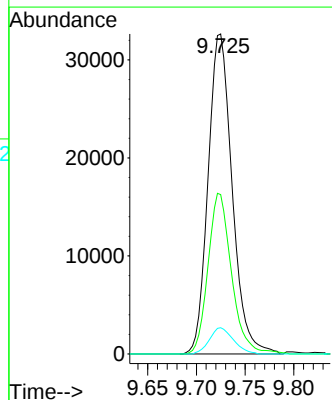
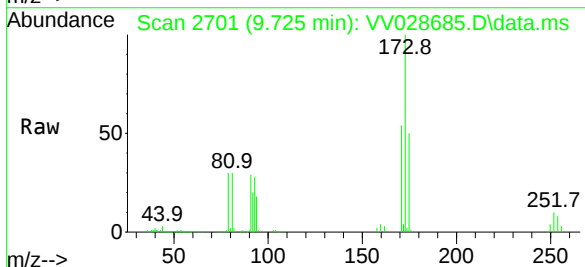
Tgt Ion: 173 Resp: 56099

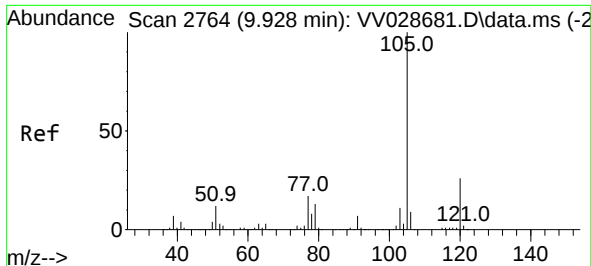
Ion Ratio Lower Upper

173 100

175 49.0 39.8 59.8

254 8.1 7.3 10.9

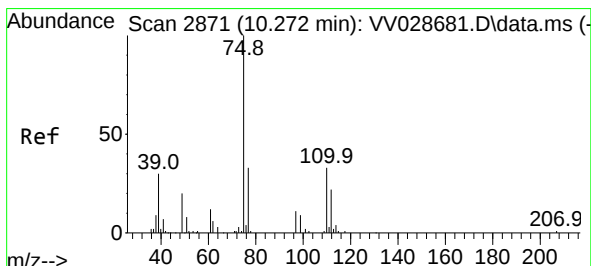
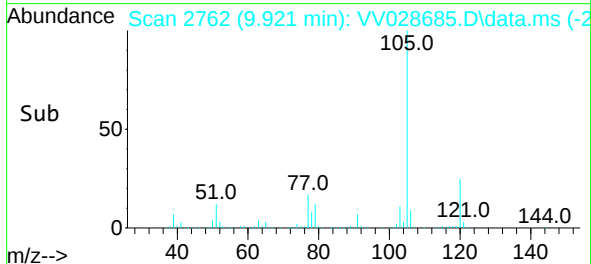
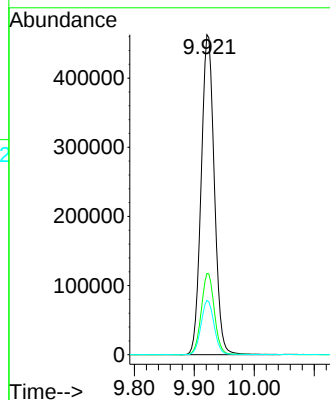
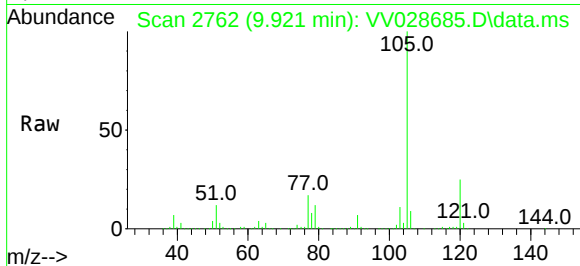




#60
Isopropylbenzene
Concen: 8.774 ug/L
RT: 9.921 min Scan# 21
Delta R.T. -0.007 min
Lab File: VV028685.D
Acq: 25 Oct 2022 13:50

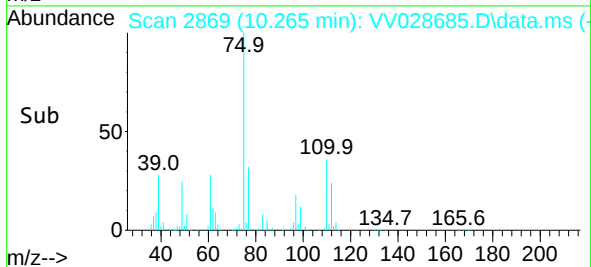
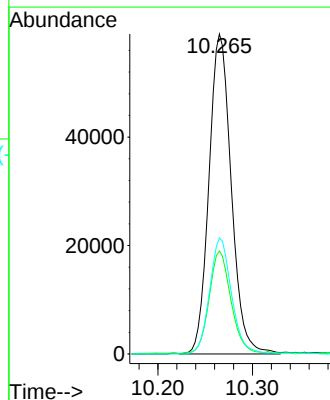
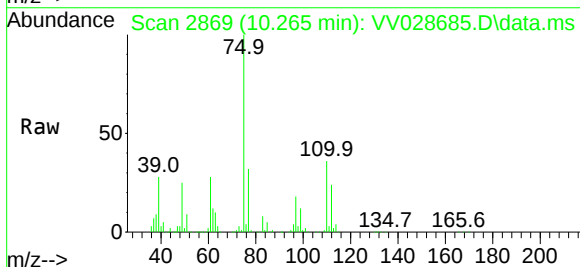
Instrument :
MSVOA_V
ClientSampleId :

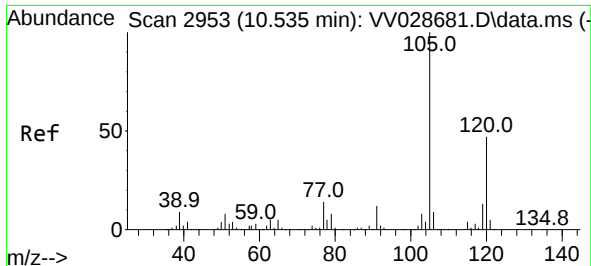
Tgt Ion:105 Resp: 707730
Ion Ratio Lower Upper
105 100
120 25.3 20.1 30.1
77 16.9 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 9.197 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. -0.007 min
Lab File: VV028685.D
Acq: 25 Oct 2022 13:50

Tgt Ion: 75 Resp: 96788
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8
110 35.6 27.9 41.9





#62

1,3,5-Trimethylbenzene

Concen: 8.657 ug/L

RT: 10.529 min Scan# 2953

Delta R.T. -0.007 min

Lab File: VV028685.D

Acq: 25 Oct 2022 13:50

Instrument :

MSVOA_V

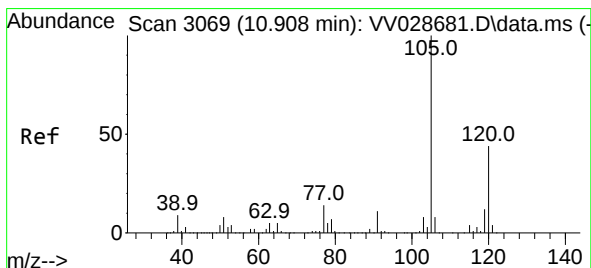
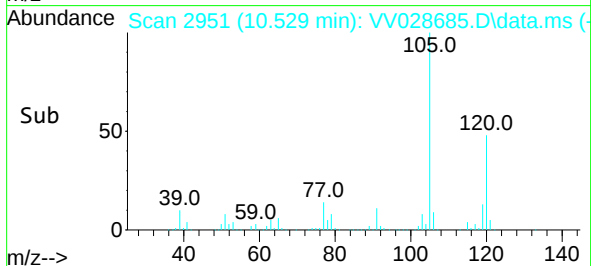
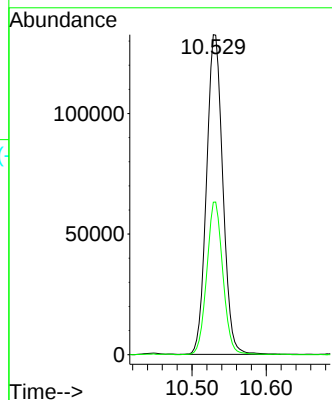
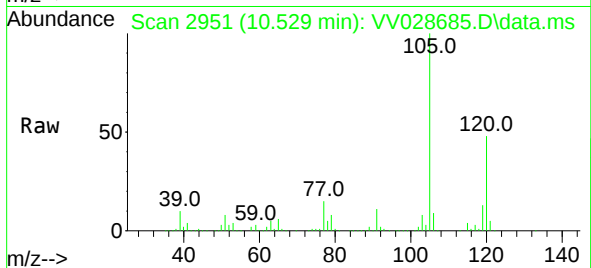
ClientSampleId :

Tgt Ion:105 Resp: 201309

Ion Ratio Lower Upper

105 100

120 47.3 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 9.369 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. -0.003 min

Lab File: VV028685.D

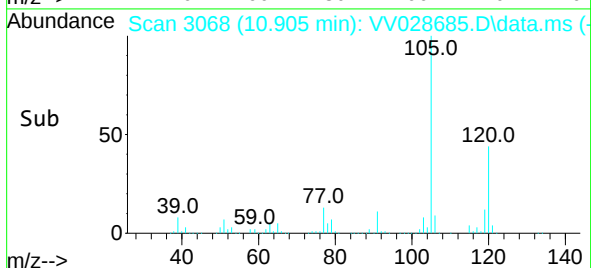
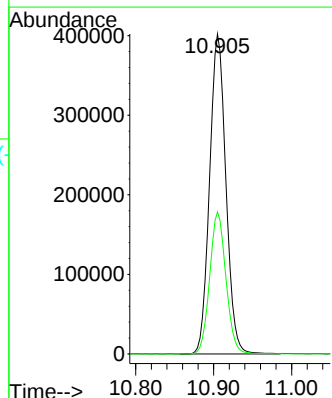
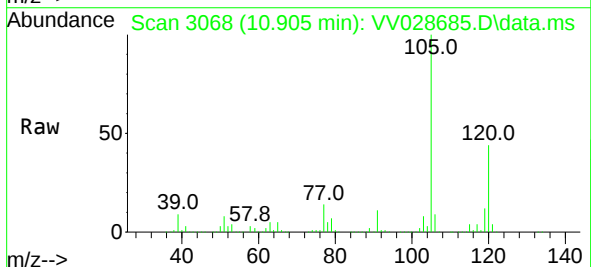
Acq: 25 Oct 2022 13:50

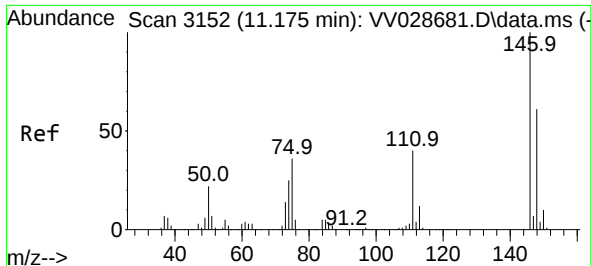
Tgt Ion:105 Resp: 584561

Ion Ratio Lower Upper

105 100

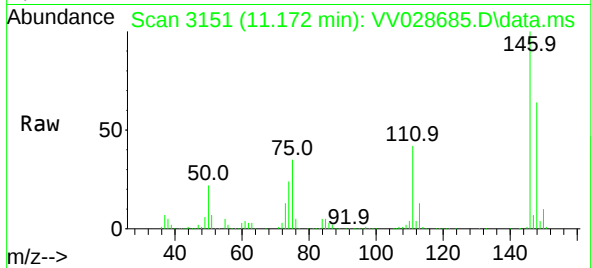
120 44.2 36.2 54.2



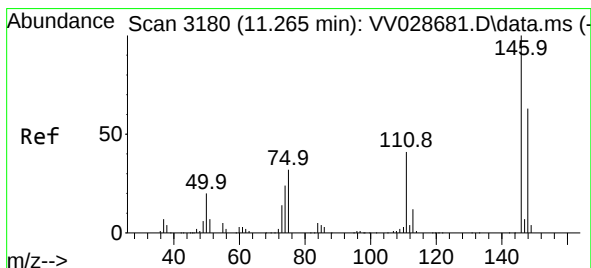
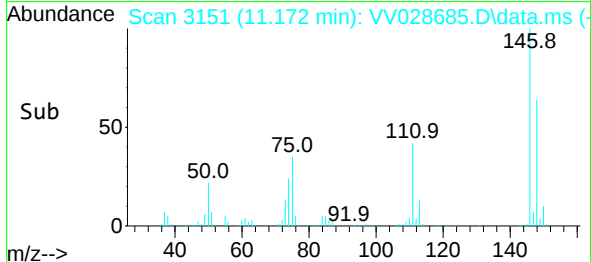
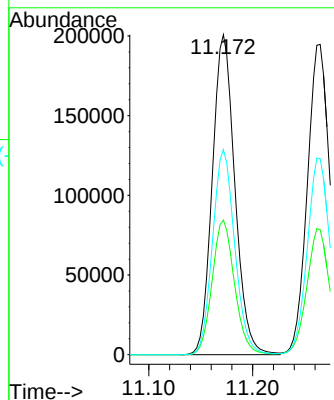


#64
1,3-Dichlorobenzene
Concen: 9.444 ug/L
RT: 11.172 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VV028685.D
Acq: 25 Oct 2022 13:50

Instrument :
MSVOA_V
ClientSampleId :

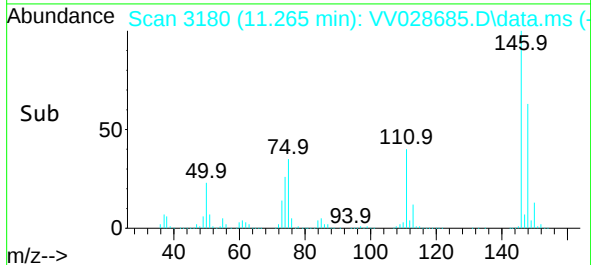
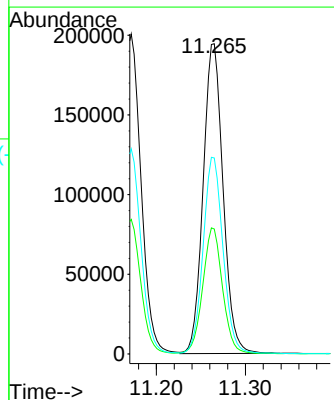
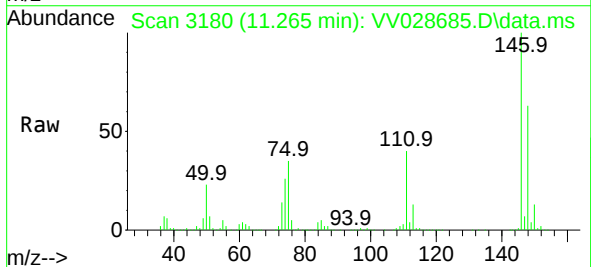


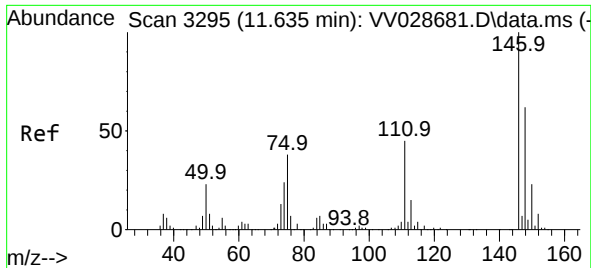
Tgt Ion:146 Resp: 303047
Ion Ratio Lower Upper
146 100
111 42.1 29.0 53.9
148 64.1 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 9.354 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. -0.000 min
Lab File: VV028685.D
Acq: 25 Oct 2022 13:50

Tgt Ion:146 Resp: 301636
Ion Ratio Lower Upper
146 100
111 40.3 28.6 53.2
148 63.2 44.3 82.3

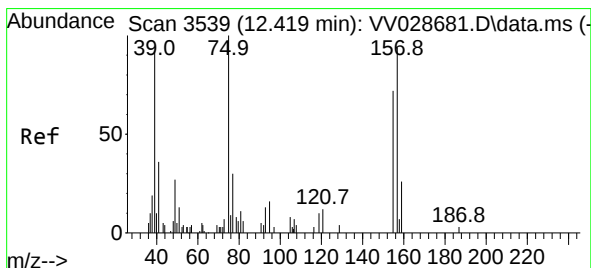
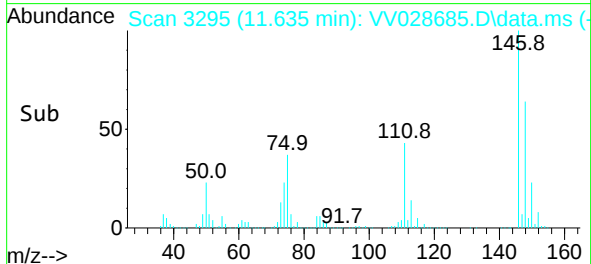
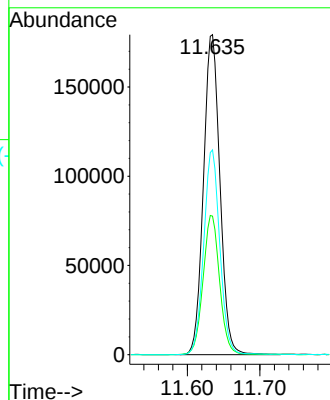
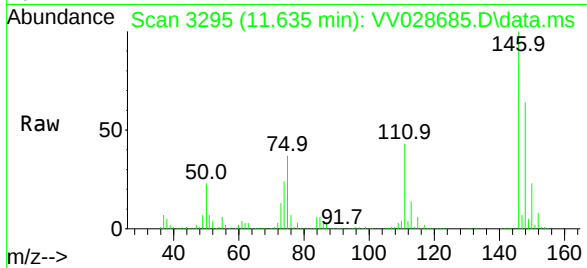




#67
1,2-Dichlorobenzene
Concen: 9.537 ug/L
RT: 11.635 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV028685.D
Acq: 25 Oct 2022 13:50

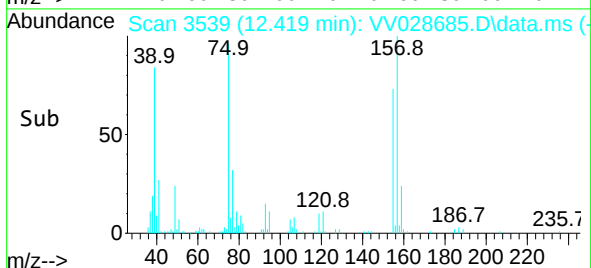
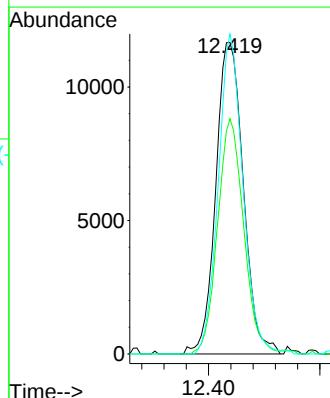
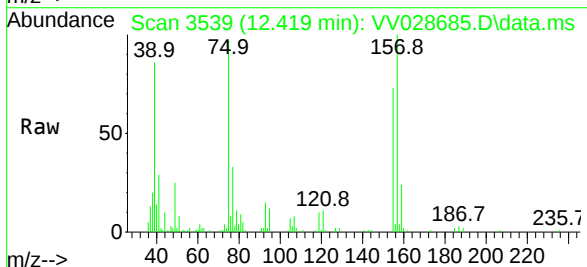
Instrument :
MSVOA_V
ClientSampleId :

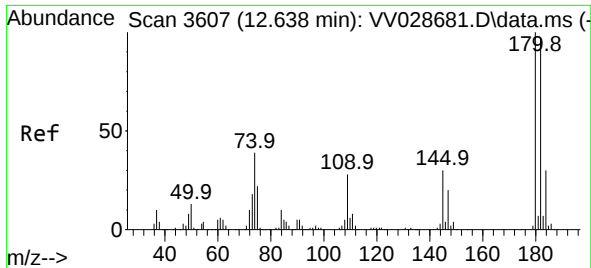
Tgt Ion:146 Resp: 283372
Ion Ratio Lower Upper
146 100
111 43.3 36.2 54.4
148 64.0 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 10.610 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. -0.000 min
Lab File: VV028685.D
Acq: 25 Oct 2022 13:50

Tgt Ion: 75 Resp: 20007
Ion Ratio Lower Upper
75 100
155 75.5 58.2 87.2
157 102.7 71.5 107.3





#69

1,3,5-Trichlorobenzene

Concen: 10.032 ug/L

RT: 12.635 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV028685.D

Acq: 25 Oct 2022 13:50

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 229877

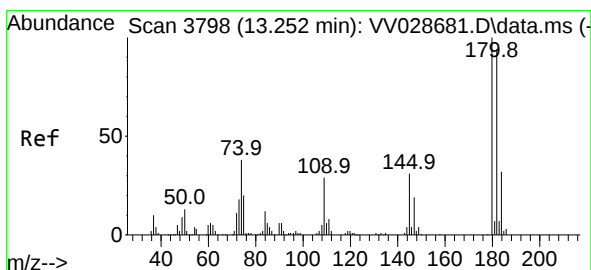
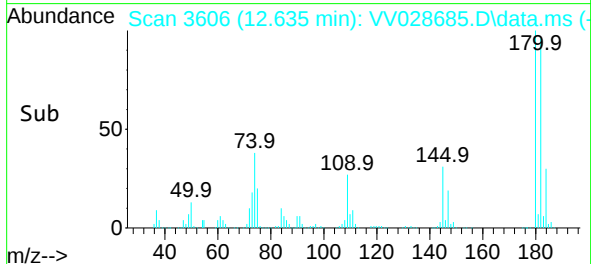
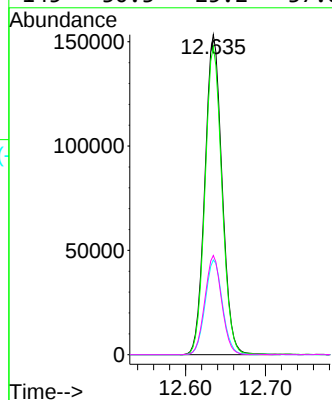
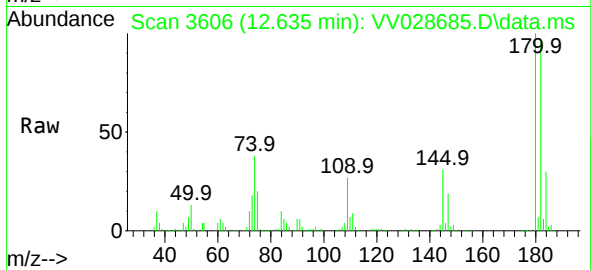
Ion Ratio Lower Upper

180 100

182 94.6 76.6 114.8

184 29.7 24.3 36.5

145 30.3 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 10.294 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. -0.003 min

Lab File: VV028685.D

Acq: 25 Oct 2022 13:50

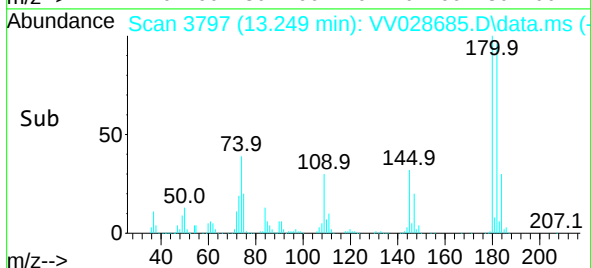
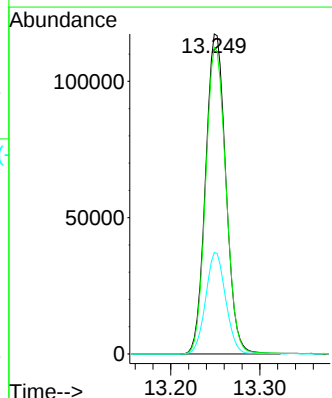
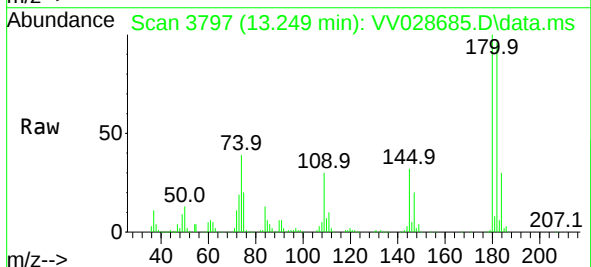
Tgt Ion:180 Resp: 185305

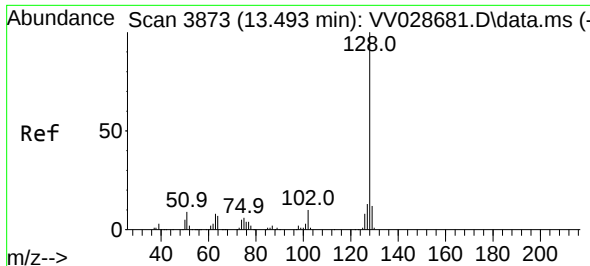
Ion Ratio Lower Upper

180 100

182 95.9 74.7 112.1

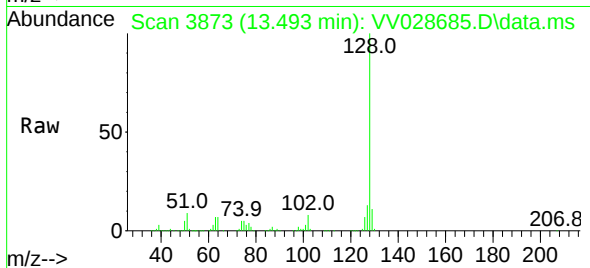
145 31.4 25.5 38.3



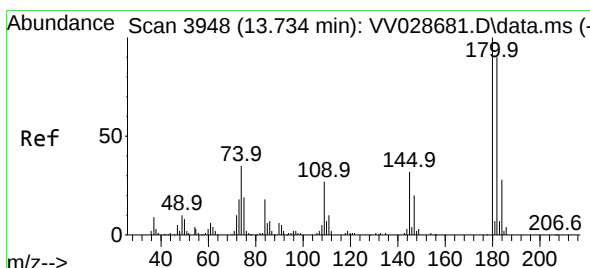
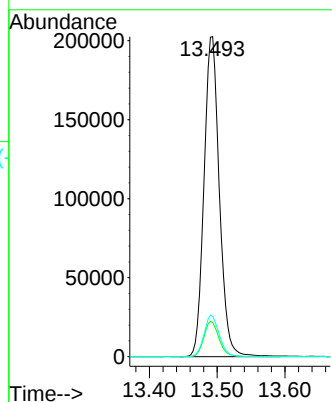
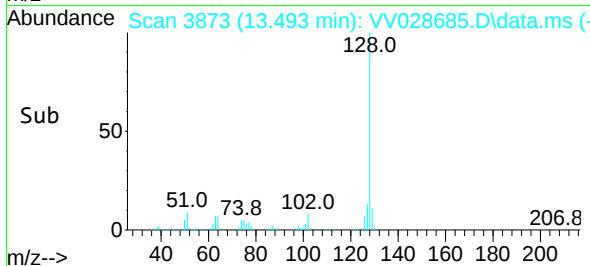


#71
Naphthalene
Concen: 10.402 ug/L
RT: 13.493 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV028685.D
Acq: 25 Oct 2022 13:50

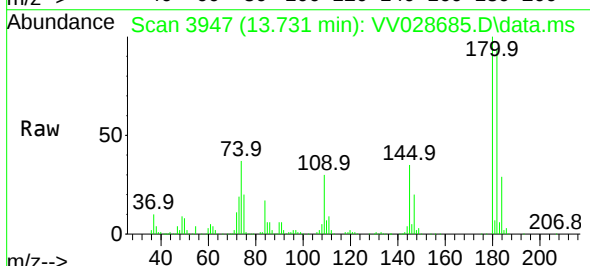
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 318755
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.9 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 10.450 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. -0.003 min
Lab File: VV028685.D
Acq: 25 Oct 2022 13:50



Tgt Ion:180 Resp: 164658
Ion Ratio Lower Upper
180 100
182 93.8 73.4 110.0
145 33.8 26.3 39.5

