

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100422\
 Data File : VW028316.D
 Acq On : 04 Oct 2022 08:58
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 23:22:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	287851	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	279633	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	152907	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	100051	4.626	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.561	69	86731	4.737	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.101	63	197378	4.842	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.800%
20) 2-Butanone-d5	3.892	46	193615	52.908	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.820%
24) Chloroform-d	4.339	84	202405	5.166	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.024	65	88118	4.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.040	84	411029	5.358	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.200%
36) 1,2-Dichloropropane-d6	6.059	67	118083	5.366	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.400%
41) Toluene-d8	7.307	98	391752	5.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.000%
43) trans-1,3-Dichloroprop...	7.619	79	40499	4.832	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.085	63	171296	49.935	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.860%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	79995	4.796	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	11.619	152	131132	4.983	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	121853	5.263	ug/L	93
3) Chloromethane	1.236	50	108672	4.953	ug/L	99
5) Vinyl chloride	1.307	62	129706	5.250	ug/L	97
6) Bromomethane	1.516	94	56954	4.854	ug/L	96
8) Chloroethane	1.580	64	91927	5.582	ug/L	91
9) Trichlorofluoromethane	1.748	101	184557	4.971	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	108141	5.208	ug/L	98
12) 1,1-Dichloroethene	2.111	96	105276	5.099	ug/L	77
13) Acetone	2.188	43	127588	53.095	ug/L	95
14) Carbon disulfide	2.288	76	334994	5.208	ug/L	99
15) Methyl Acetate	2.436	43	29973	4.583	ug/L #	88
16) Methylene chloride	2.500	84	115558	4.972	ug/L	92
17) Methyl tert-butyl Ether	2.764	73	203977	4.811	ug/L	96
18) trans-1,2-Dichloroethene	2.751	96	112742	5.242	ug/L	97
19) 1,1-Dichloroethane	3.178	63	201563	5.503	ug/L	97
21) 2-Butanone	3.976	43	189987	52.080	ug/L	93
22) cis-1,2-Dichloroethene	3.902	96	124241	5.737	ug/L	92
23) Bromochloromethane	4.236	128	50665	5.282	ug/L	85
25) Chloroform	4.362	83	215437	5.363	ug/L	98

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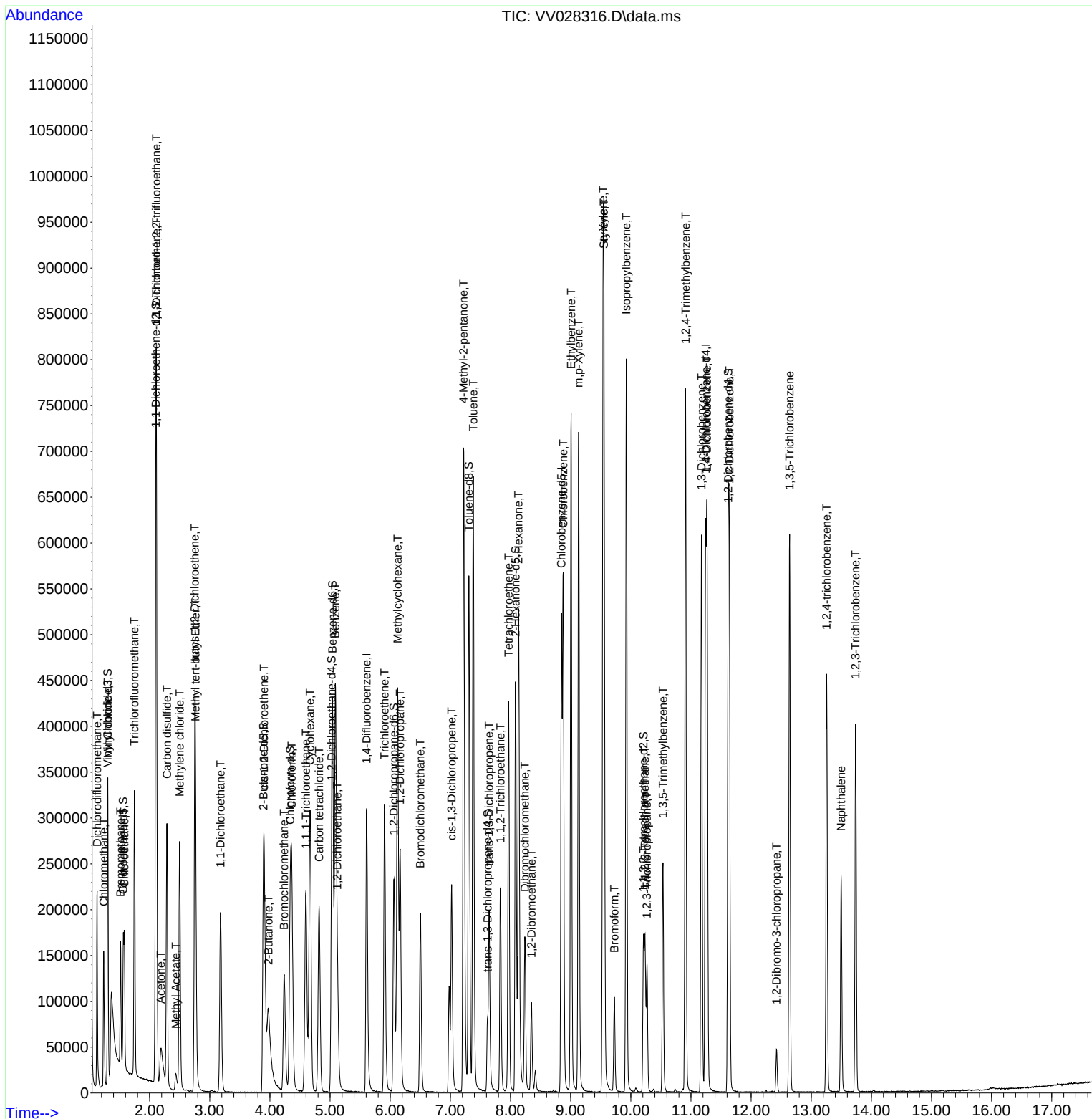
Instrument :
 MSVOA_V
 ClientSampleId :

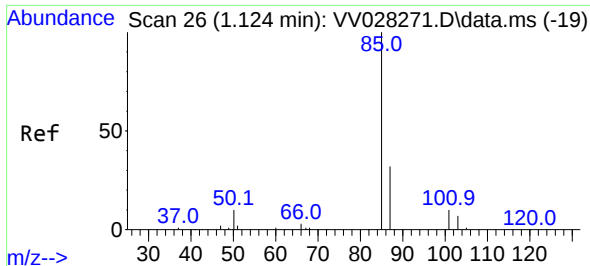
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	107641	5.002	ug/L	# 93
29) 1,1,1-Trichloroethane	4.600	97	179546	5.205	ug/L	99
30) Cyclohexane	4.667	56	164596	5.539	ug/L	90
31) Carbon tetrachloride	4.818	117	160373	5.183	ug/L	99
33) Benzene	5.088	78	464405	5.579	ug/L	100
34) Trichloroethene	5.905	95	115471	5.540	ug/L	96
35) Methylcyclohexane	6.124	83	187122	5.499	ug/L	93
37) 1,2-Dichloropropane	6.165	63	109431	5.676	ug/L	98
38) Bromodichloromethane	6.503	83	137188	5.160	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	144360	5.246	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	456216	51.505	ug/L	93
42) Toluene	7.381	91	500484	5.714	ug/L	99
44) trans-1,3-Dichloropropene	7.644	75	118199	5.056	ug/L	94
45) 1,1,2-Trichloroethane	7.834	97	72724	5.086	ug/L	97
47) Tetrachloroethene	7.969	164	100769	5.532	ug/L	96
48) 2-Hexanone	8.133	43	336566	54.252	ug/L	95
49) Dibromochloromethane	8.239	129	89764	4.960	ug/L	98
50) 1,2-Dibromoethane	8.349	107	66818	5.193	ug/L	96
51) Chlorobenzene	8.876	112	309781	5.318	ug/L	98
52) Ethylbenzene	9.008	91	512067	5.563	ug/L	99
53) m,p-Xylene	9.133	106	208274	5.676	ug/L	96
54) o-Xylene	9.538	106	196086	5.650	ug/L	94
55) Styrene	9.554	104	343855	5.765	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.236	83	84057	5.181	ug/L	99
59) Bromoform	9.725	173	47424	4.709	ug/L	98
60) Isopropylbenzene	9.927	105	515316	5.508	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	57692	4.890	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	137396	5.168	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	411437	5.460	ug/L	99
64) 1,3-Dichlorobenzene	11.175	146	255188	5.552	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	254550	5.531	ug/L	97
67) 1,2-Dichlorobenzene	11.638	146	224296	5.380	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.422	75	11127	4.140	ug/L	89
69) 1,3,5-Trichlorobenzene	12.641	180	193462	5.322	ug/L	98
70) 1,2,4-trichlorobenzene	13.255	180	146478	5.287	ug/L	100
71) Naphthalene	13.496	128	193094	4.462	ug/L	99
72) 1,2,3-Trichlorobenzene	13.738	180	129445	5.183	ug/L	98

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

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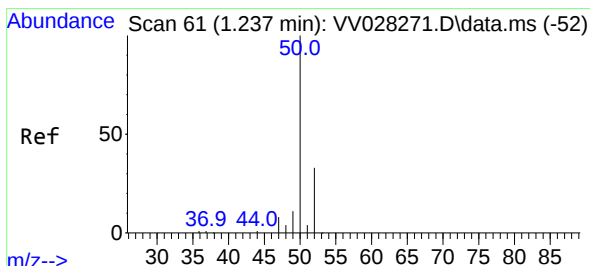
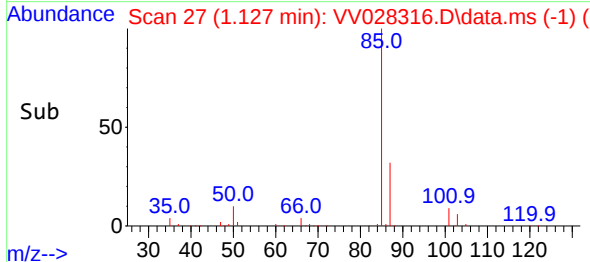
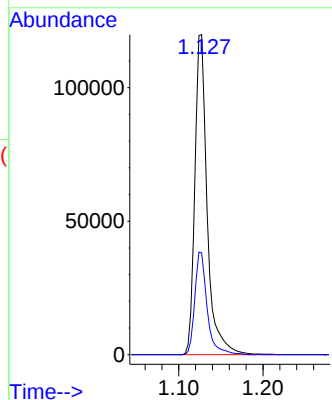
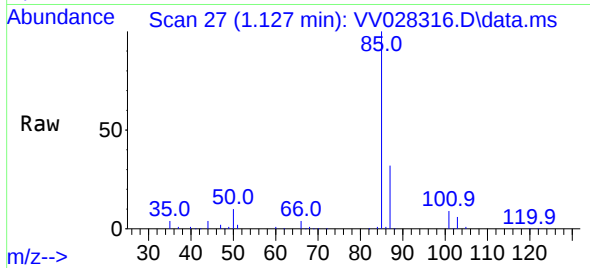




#2
 Dichlorodifluoromethane
 Concen: 5.263 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV028316.D
 Acq: 04 Oct 2022 08:58

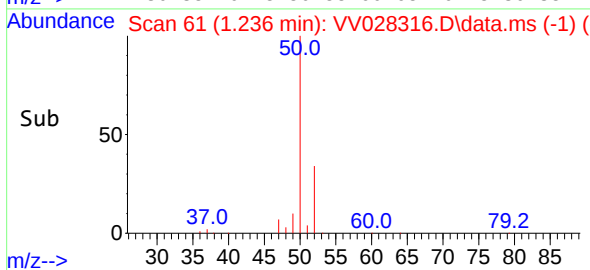
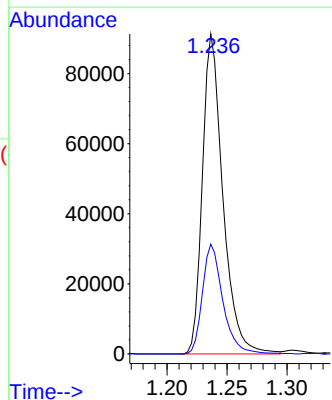
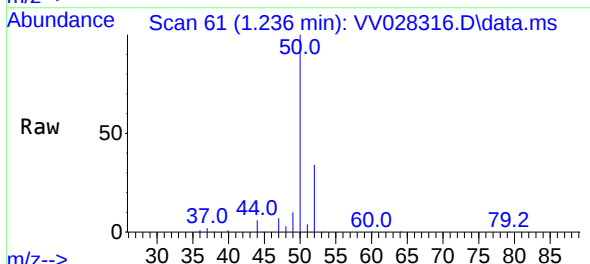
Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 85 Resp: 121853
 Ion Ratio Lower Upper
 85 100
 87 32.0 22.8 34.2

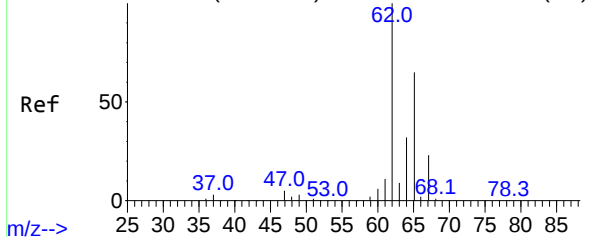


#3
 Chloromethane
 Concen: 4.953 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV028316.D
 Acq: 04 Oct 2022 08:58

Tgt Ion: 50 Resp: 108672
 Ion Ratio Lower Upper
 50 100
 52 34.3 24.4 45.2



Abundance Scan 82 (1.304 min): VV028271.D\data.ms (-74)



#5

Vinyl chloride

Concen: 5.250 ug/L

RT: 1.307 min Scan# 81

Delta R.T. 0.003 min

Lab File: VV028316.D

Acq: 04 Oct 2022 08:58

Instrument :

MSVOA_V

ClientSampleId :

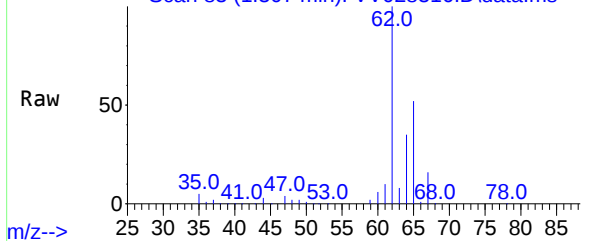
Tgt Ion: 62 Resp: 129706

Ion Ratio Lower Upper

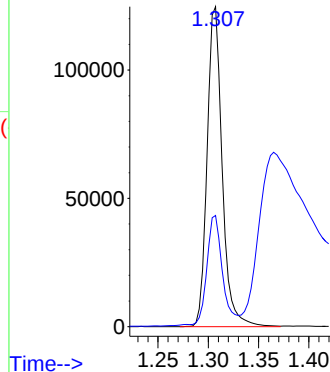
62 100

64 34.7 23.0 42.8

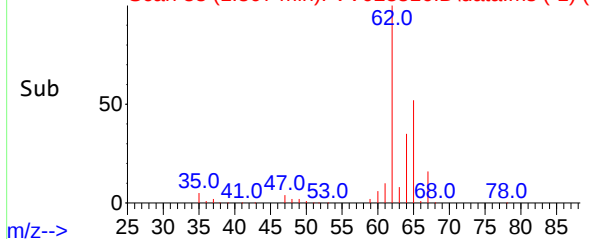
Abundance Scan 83 (1.307 min): VV028316.D\data.ms



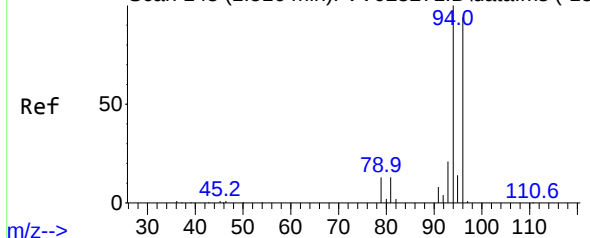
Abundance



Abundance Scan 83 (1.307 min): VV028316.D\data.ms (-1)



Abundance Scan 148 (1.516 min): VV028271.D\data.ms (-13)



#6

Bromomethane

Concen: 4.854 ug/L

RT: 1.516 min Scan# 148

Delta R.T. 0.000 min

Lab File: VV028316.D

Acq: 04 Oct 2022 08:58

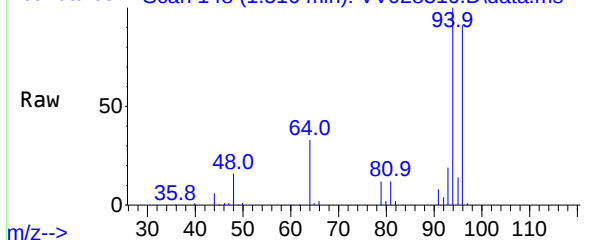
Tgt Ion: 94 Resp: 56954

Ion Ratio Lower Upper

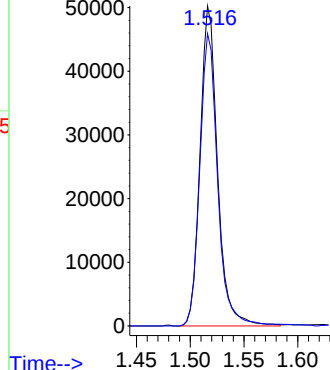
94 100

96 91.4 66.7 123.9

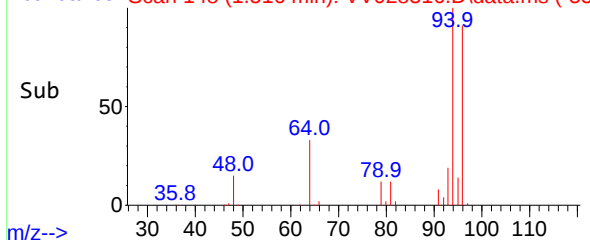
Abundance Scan 148 (1.516 min): VV028316.D\data.ms

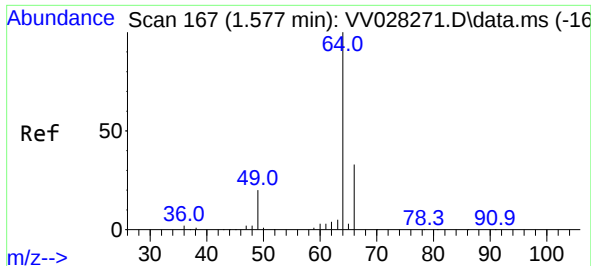


Abundance



Abundance Scan 148 (1.516 min): VV028316.D\data.ms (-55)

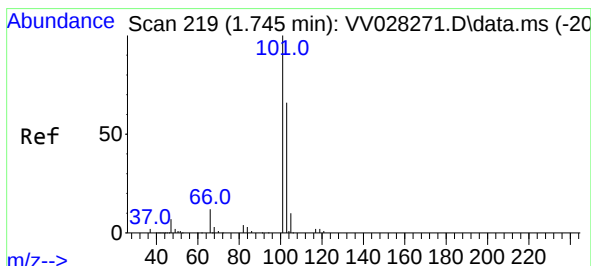
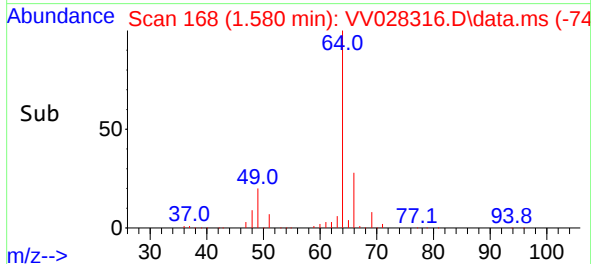
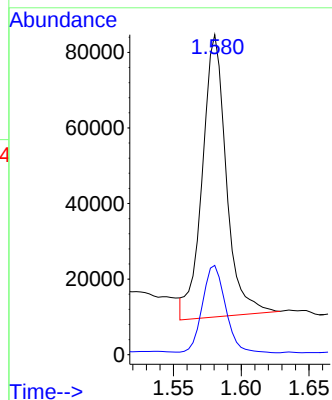
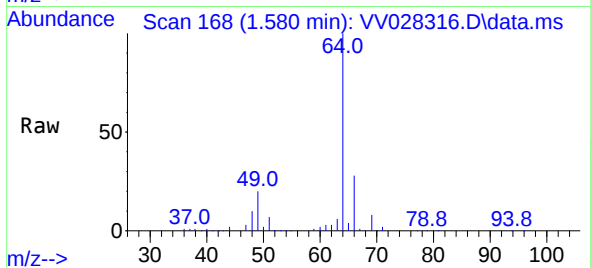




#8
Chloroethane
Concen: 5.582 ug/L
RT: 1.580 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

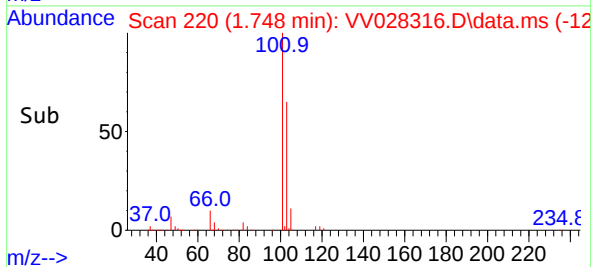
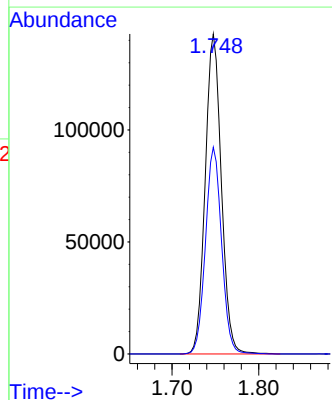
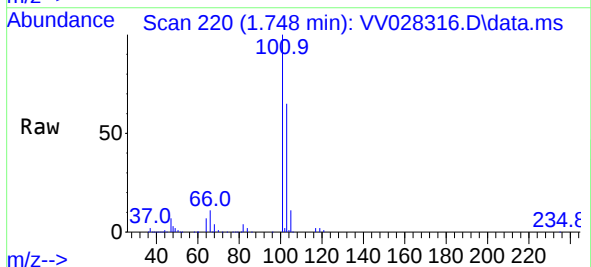
Instrument :
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ClientSampleId :

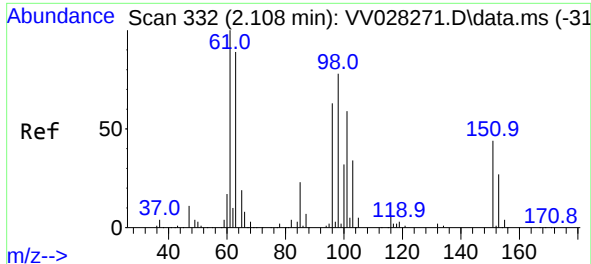
Tgt Ion: 64 Resp: 91927
Ion Ratio Lower Upper
64 100
66 27.9 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.971 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

Tgt Ion:101 Resp: 184557
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.0

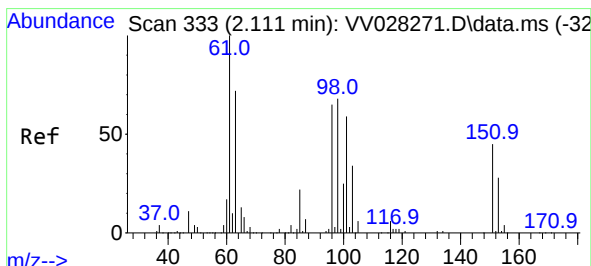
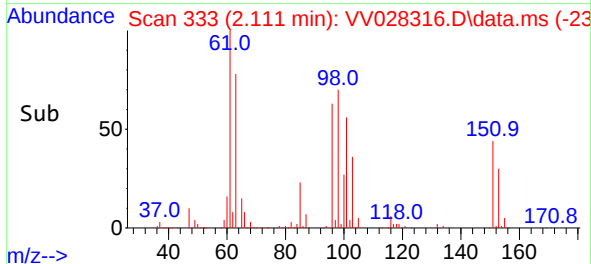
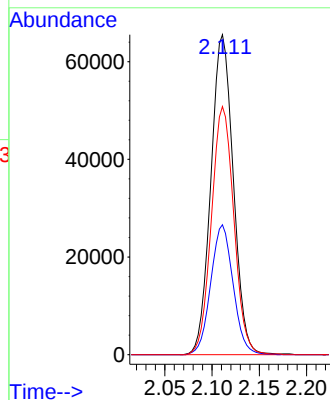
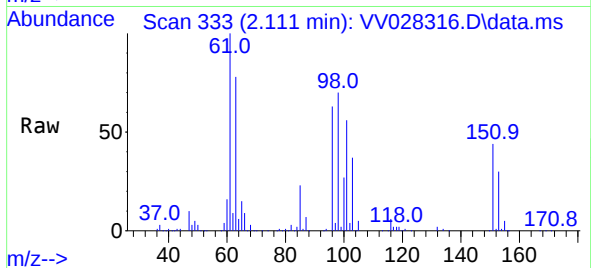




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.208 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.003 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

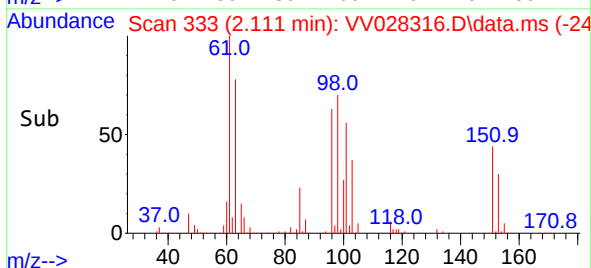
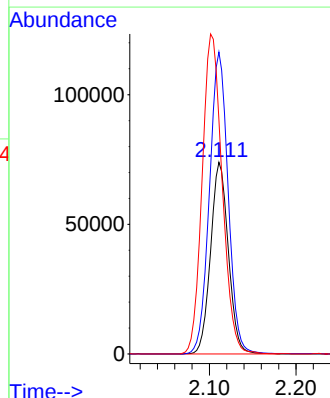
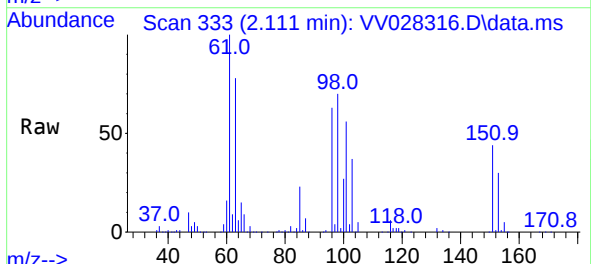
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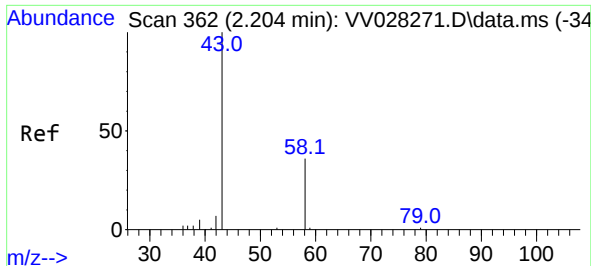
Tgt Ion:101 Resp: 108141
Ion Ratio Lower Upper
101 100
85 40.5 34.4 51.6
151 77.6 61.1 91.7



#12
1,1-Dichloroethene
Concen: 5.099 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.000 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

Tgt Ion: 96 Resp: 105276
Ion Ratio Lower Upper
96 100
61 157.6 128.3 238.3
63 122.2 112.7 209.3





#13

Acetone

Concen: 53.095 ug/L

RT: 2.188 min Scan# 31

Delta R.T. 0.013 min

Lab File: VV028316.D

Acq: 04 Oct 2022 08:58

Instrument :

MSVOA_V

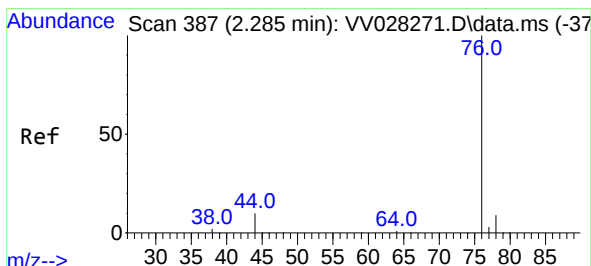
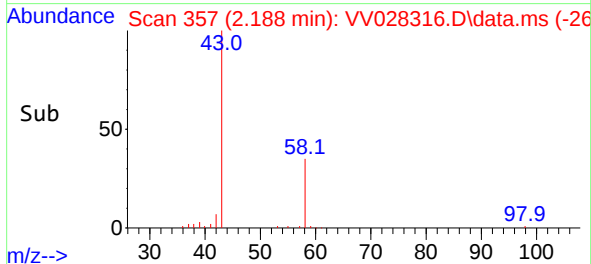
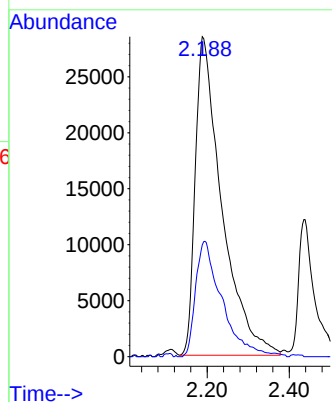
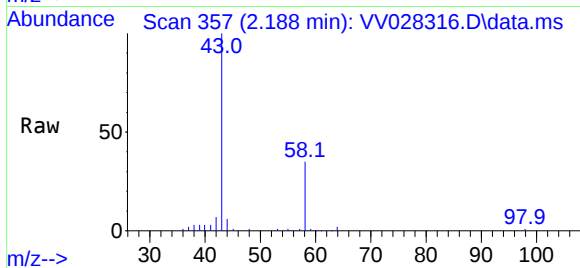
ClientSampleId :

Tgt Ion: 43 Resp: 127588

Ion Ratio Lower Upper

43 100

58 35.8 0.0 65.6



#14

Carbon disulfide

Concen: 5.208 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV028316.D

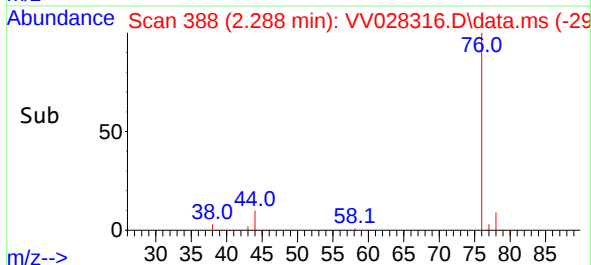
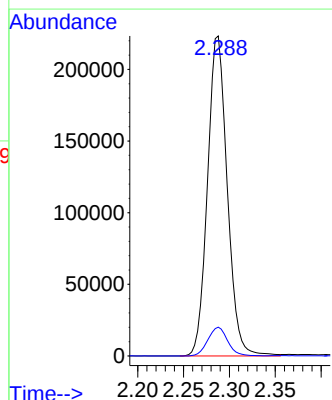
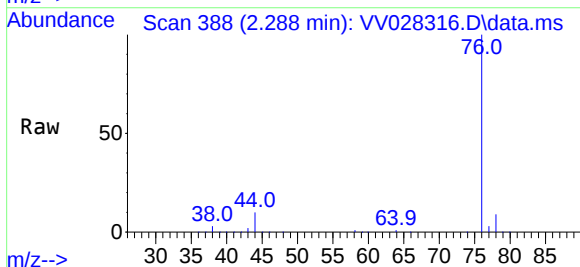
Acq: 04 Oct 2022 08:58

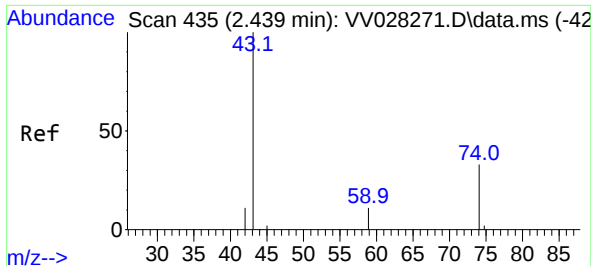
Tgt Ion: 76 Resp: 334994

Ion Ratio Lower Upper

76 100

78 9.0 7.6 11.4

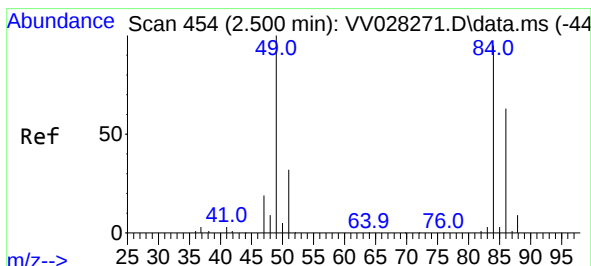
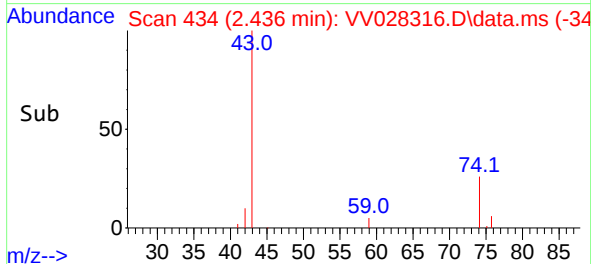
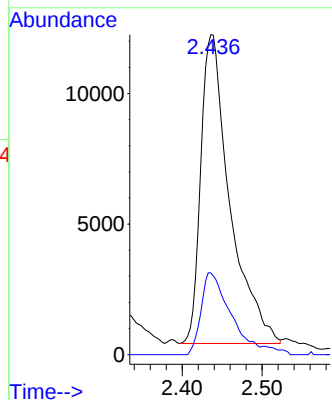
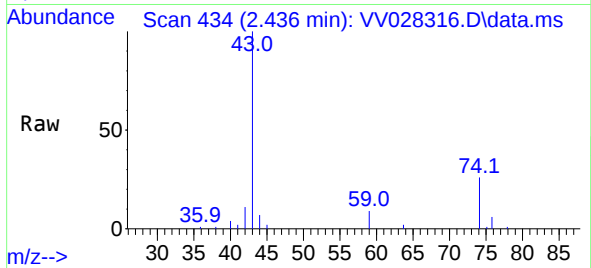




#15
Methyl Acetate
Concen: 4.583 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

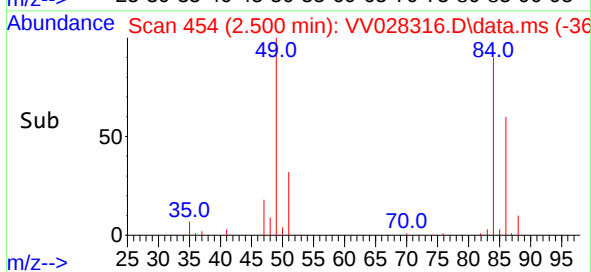
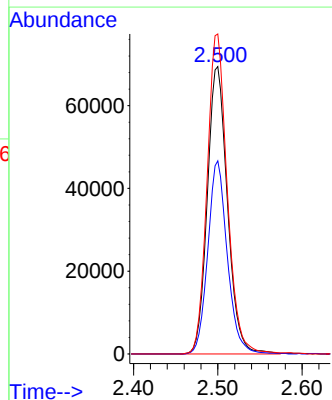
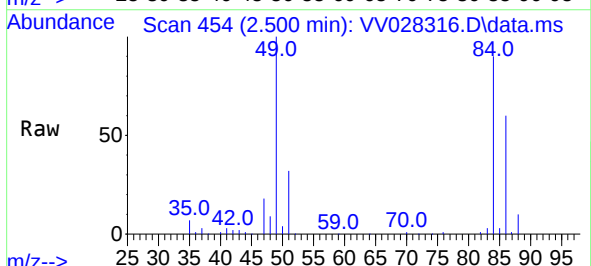
Instrument :
MSVOA_V
ClientSampleId :

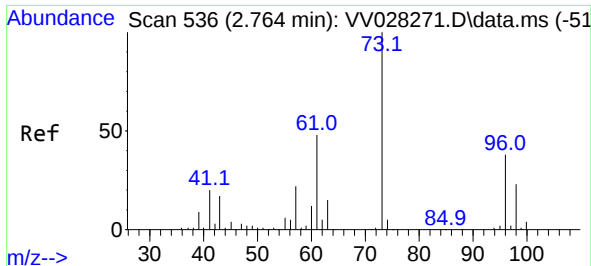
Tgt Ion: 43 Resp: 29973
Ion Ratio Lower Upper
43 100
74 26.5 16.9 25.3#



#16
Methylene chloride
Concen: 4.972 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

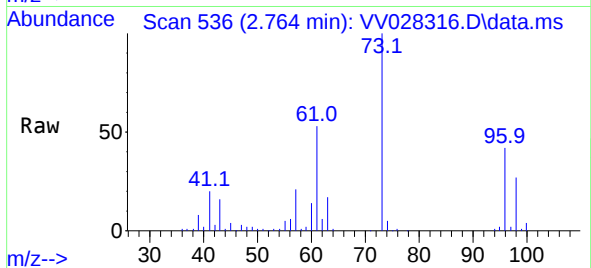
Tgt Ion: 84 Resp: 115558
Ion Ratio Lower Upper
84 100
86 67.2 46.8 86.8
49 111.4 87.5 162.5



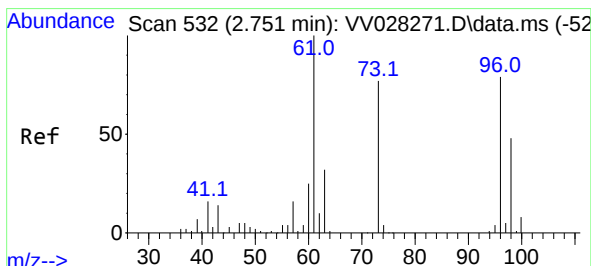
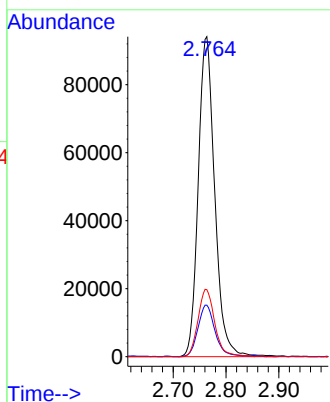
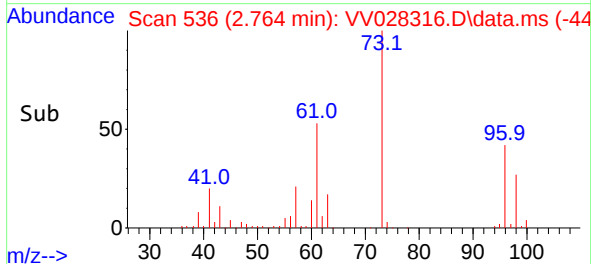


#17
Methyl tert-butyl Ether
Concen: 4.811 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

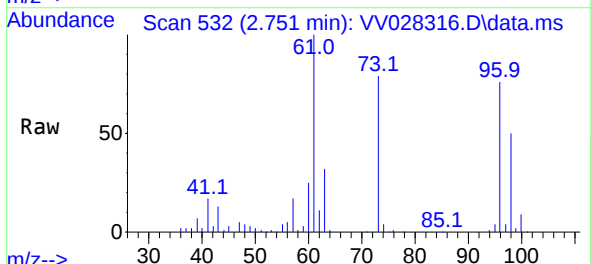
Instrument :
MSVOA_V
ClientSampleId :



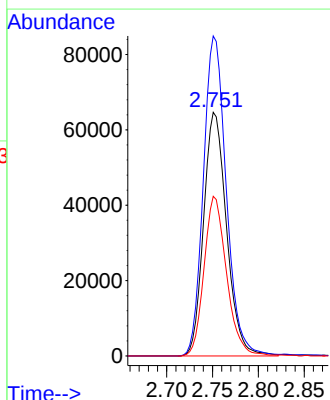
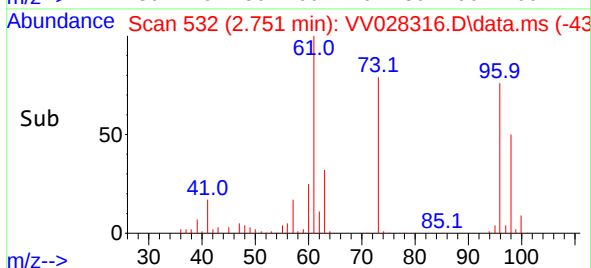
Tgt Ion: 73 Resp: 203977
Ion Ratio Lower Upper
73 100
43 16.7 15.7 23.5
57 21.4 17.8 26.8

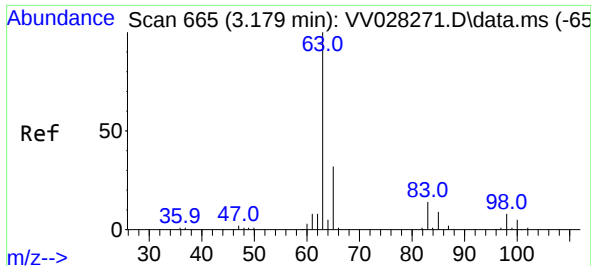


#18
trans-1,2-Dichloroethene
Concen: 5.242 ug/L
RT: 2.751 min Scan# 532
Delta R.T. 0.000 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58



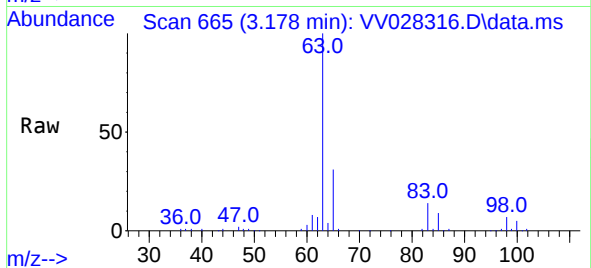
Tgt Ion: 96 Resp: 112742
Ion Ratio Lower Upper
96 100
61 131.4 96.2 178.6
98 65.5 45.7 84.9



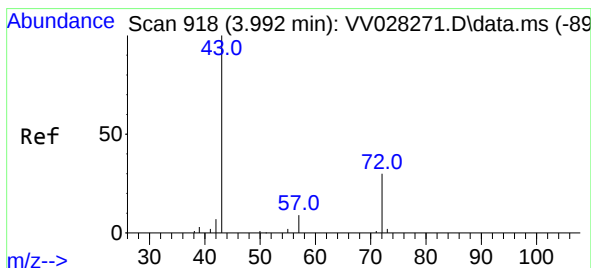
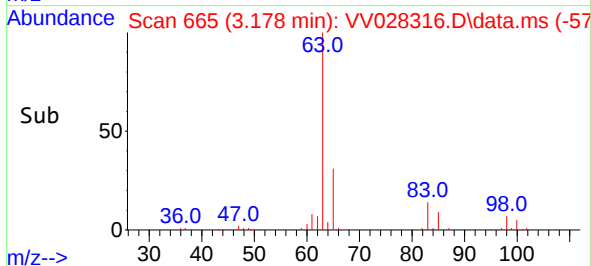
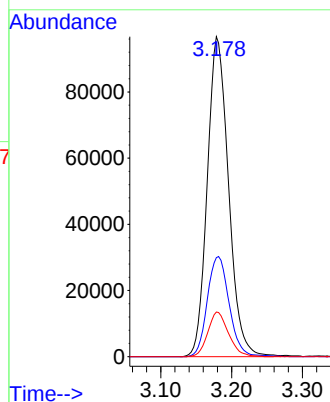


#19
1,1-Dichloroethane
Concen: 5.503 ug/L
RT: 3.178 min Scan# 60
Delta R.T. -0.003 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

Instrument :
MSVOA_V
ClientSampleId :

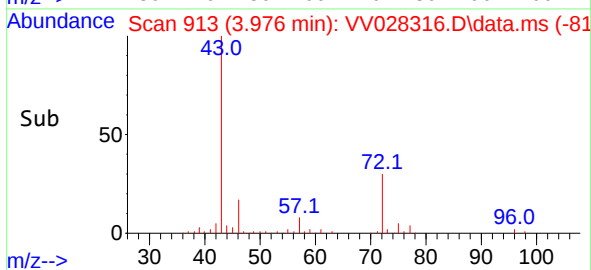
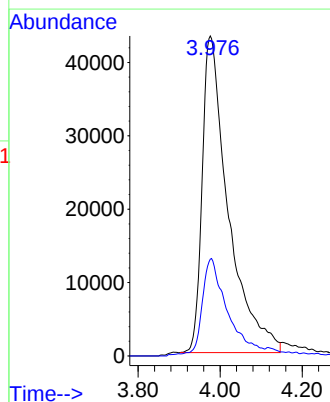
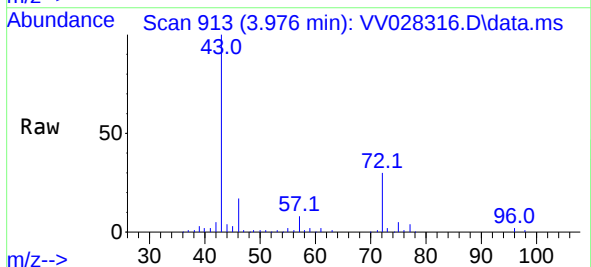


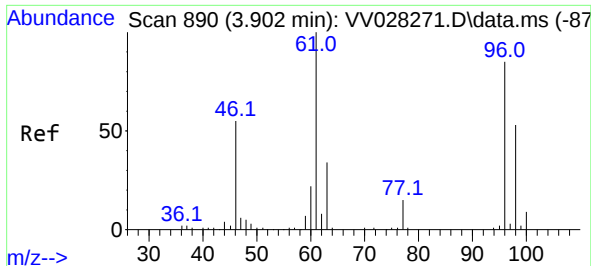
Tgt Ion: 63 Resp: 201563
Ion Ratio Lower Upper
63 100
65 31.0 23.0 42.8
83 14.0 9.2 17.2



#21
2-Butanone
Concen: 52.080 ug/L
RT: 3.976 min Scan# 913
Delta R.T. 0.006 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

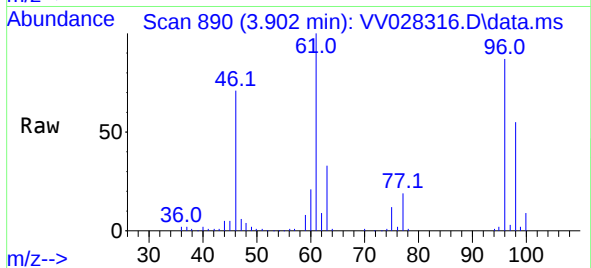
Tgt Ion: 43 Resp: 189987
Ion Ratio Lower Upper
43 100
72 28.7 12.7 38.1



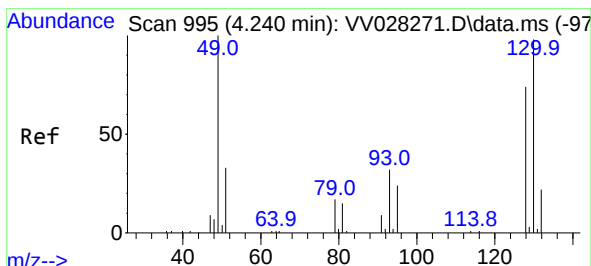
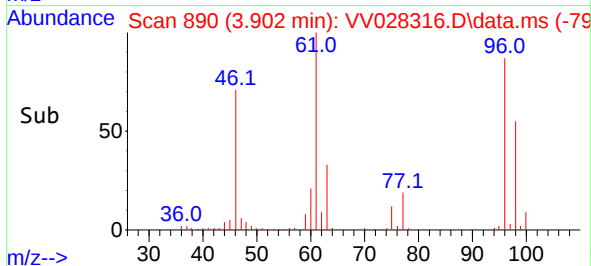
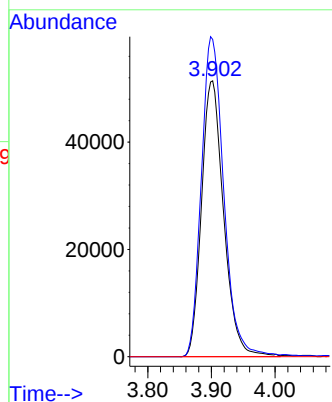


#22
 cis-1,2-Dichloroethene
 Concen: 5.737 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. -0.003 min
 Lab File: VV028316.D
 Acq: 04 Oct 2022 08:58

Instrument :
 MSVOA_V
 ClientSampleId :

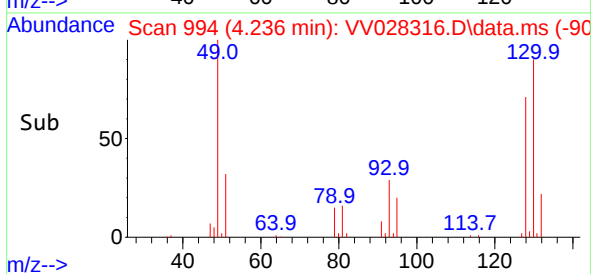
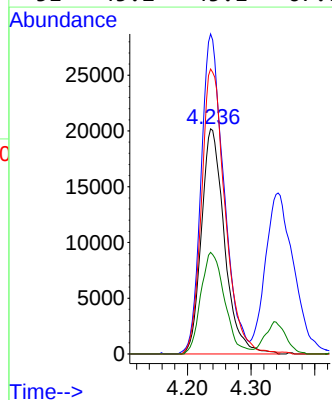
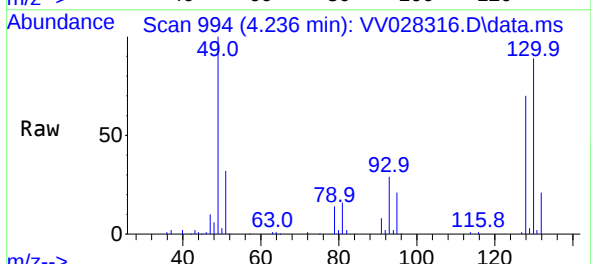


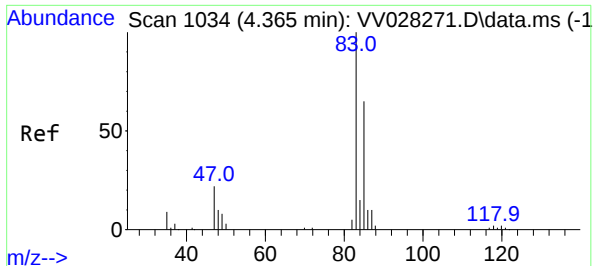
Tgt Ion: 96 Resp: 124241
 Ion Ratio Lower Upper
 96 100
 61 115.0 87.2 161.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.282 ug/L
 RT: 4.236 min Scan# 994
 Delta R.T. -0.003 min
 Lab File: VV028316.D
 Acq: 04 Oct 2022 08:58

Tgt Ion: 128 Resp: 50665
 Ion Ratio Lower Upper
 128 100
 49 142.2 119.9 222.7
 130 126.6 94.6 175.8
 51 45.2 45.1 67.7





#25

Chloroform

Concen: 5.363 ug/L

RT: 4.362 min Scan# 1034

Delta R.T. -0.006 min

Lab File: VV028316.D

Acq: 04 Oct 2022 08:58

Instrument :

MSVOA_V

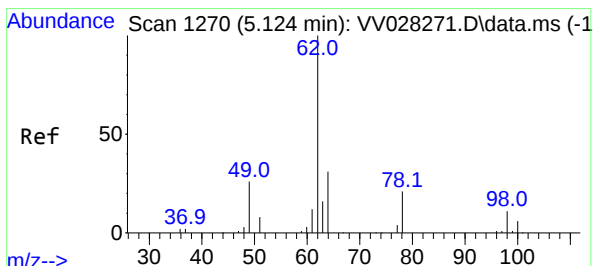
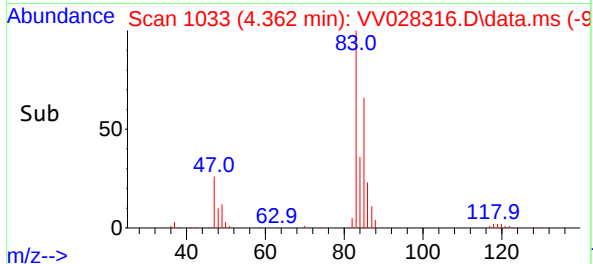
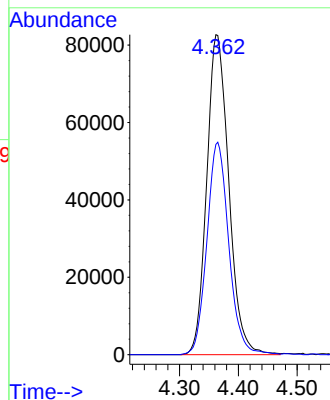
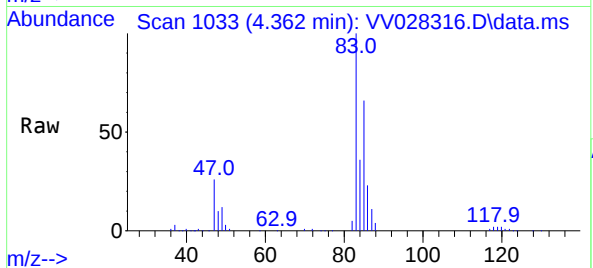
ClientSampleId :

Tgt Ion: 83 Resp: 215437

Ion Ratio Lower Upper

83 100

85 65.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 5.002 ug/L

RT: 5.120 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VV028316.D

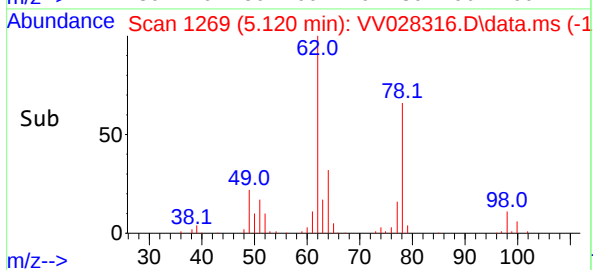
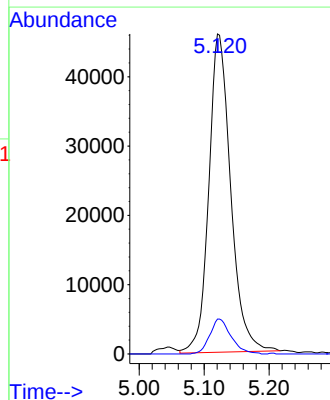
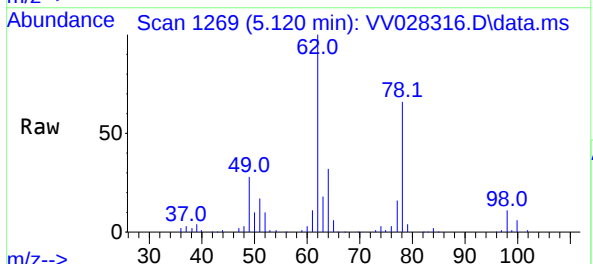
Acq: 04 Oct 2022 08:58

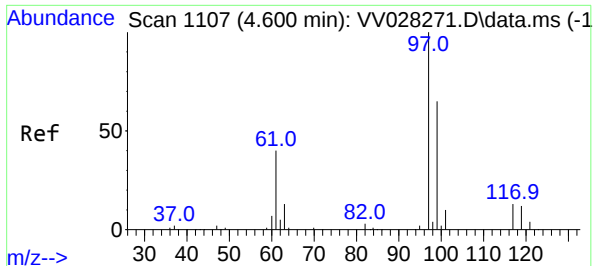
Tgt Ion: 62 Resp: 107641

Ion Ratio Lower Upper

62 100

98 10.9 6.7 10.1#

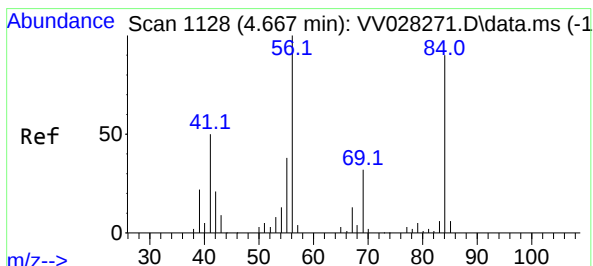
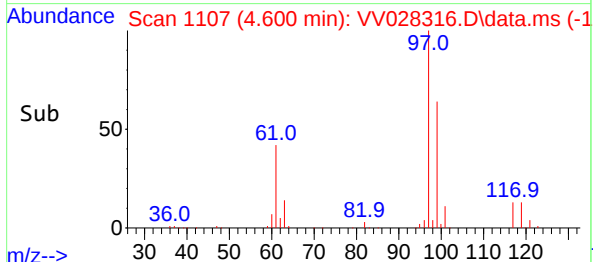
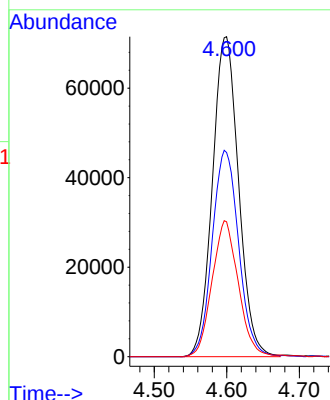
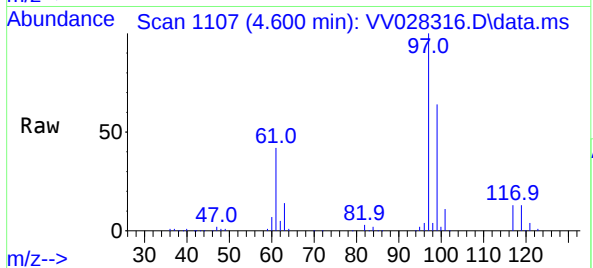




#29
1,1,1-Trichloroethane
Concen: 5.205 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

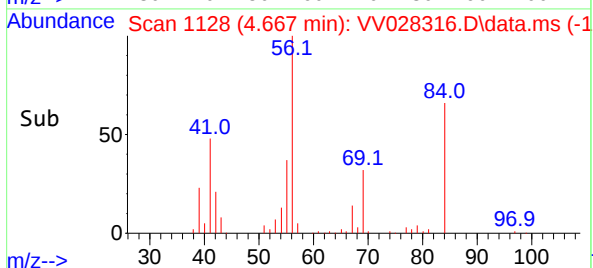
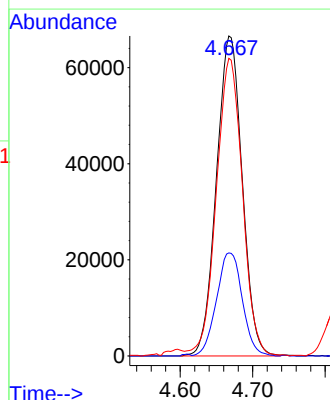
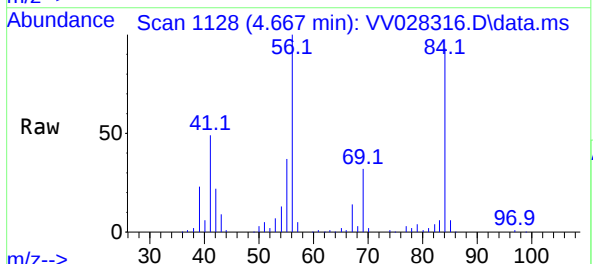
Instrument :
MSVOA_V
ClientSampleId :

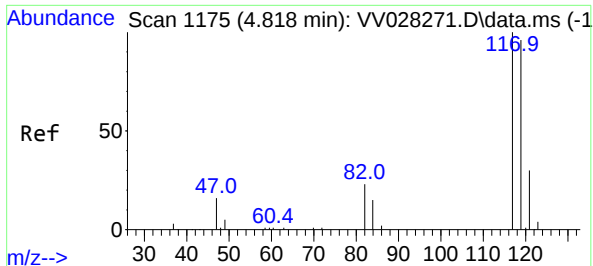
Tgt Ion: 97 Resp: 179546
Ion Ratio Lower Upper
97 100
99 65.0 51.9 77.9
61 42.5 34.8 52.2



#30
Cyclohexane
Concen: 5.539 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

Tgt Ion: 56 Resp: 164596
Ion Ratio Lower Upper
56 100
69 32.2 23.7 35.5
84 94.3 67.3 100.9

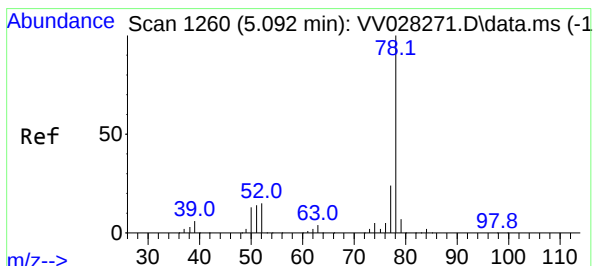
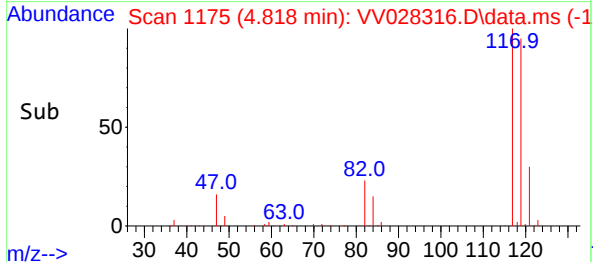
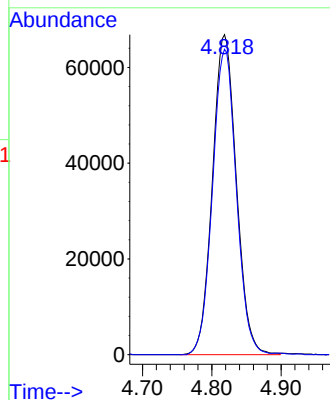
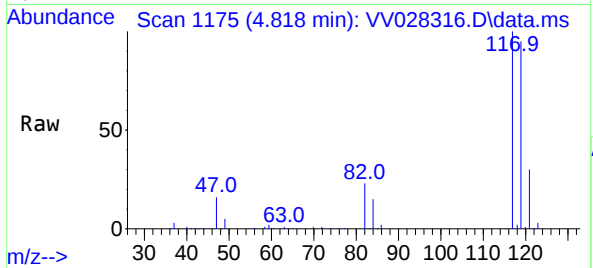




#31
Carbon tetrachloride
Concen: 5.183 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

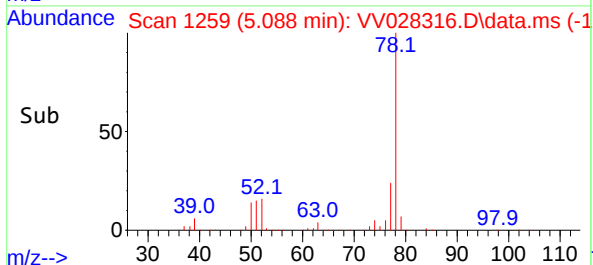
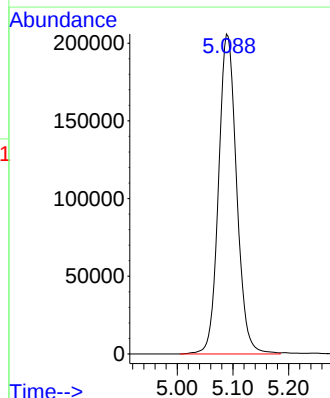
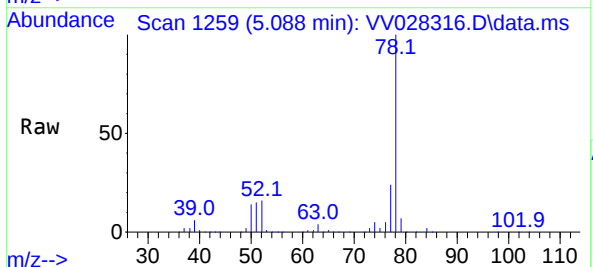
Instrument :
MSVOA_V
ClientSampleId :

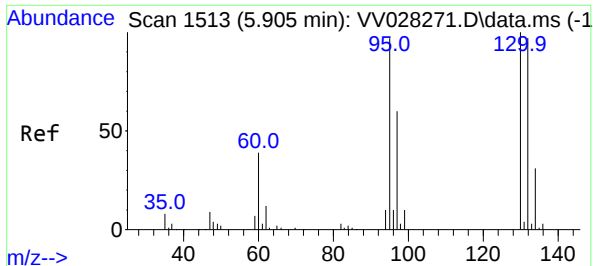
Tgt Ion:117 Resp: 160373
Ion Ratio Lower Upper
117 100
119 95.0 76.9 115.3



#33
Benzene
Concen: 5.579 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

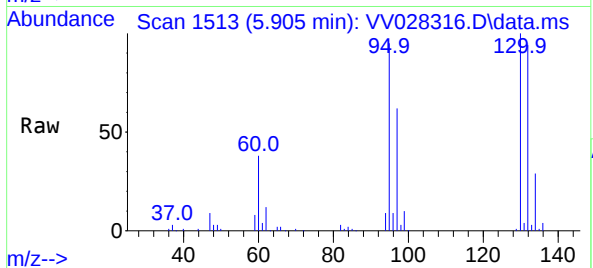
Tgt Ion: 78 Resp: 464405



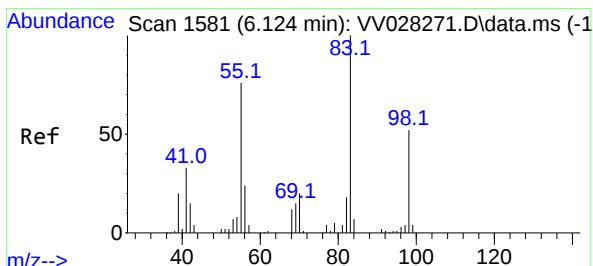
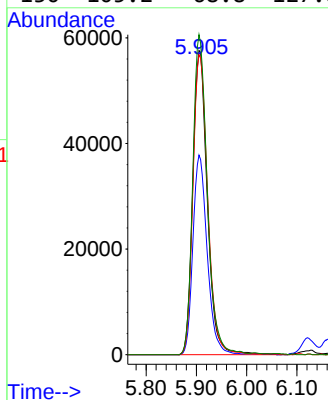
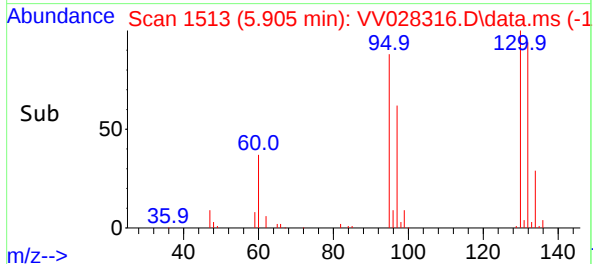


#34
Trichloroethene
Concen: 5.540 ug/L
RT: 5.905 min Scan# 115471
Delta R.T. -0.003 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

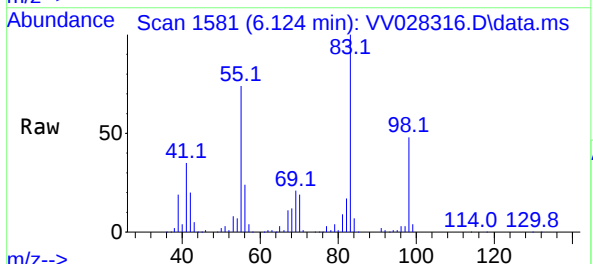
Instrument :
MSVOA_V
ClientSampleId :



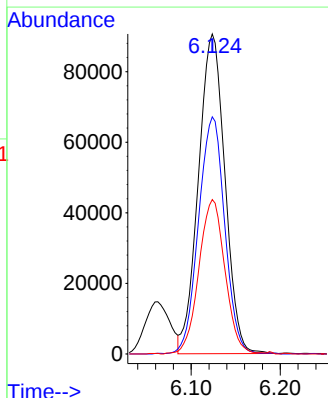
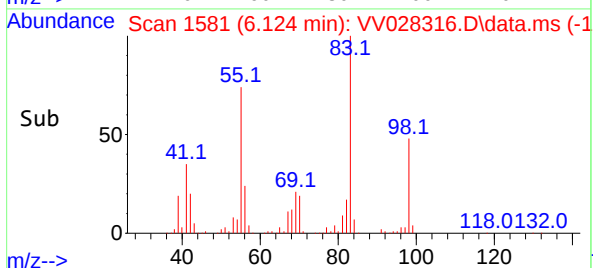
Tgt Ion: 95 Resp: 115471
Ion Ratio Lower Upper
95 100
97 65.6 44.2 82.0
132 98.6 67.8 126.0
130 105.2 68.8 127.8

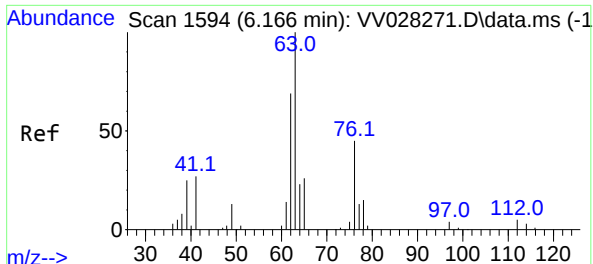


#35
Methylcyclohexane
Concen: 5.499 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58



Tgt Ion: 83 Resp: 187122
Ion Ratio Lower Upper
83 100
55 72.9 64.7 97.1
98 47.6 39.5 59.3

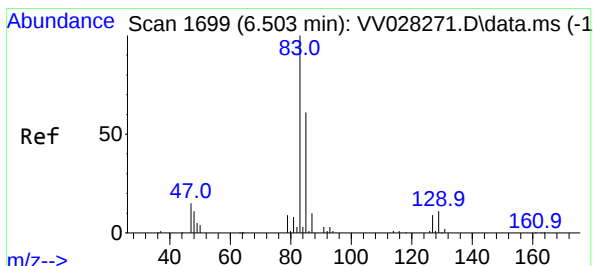
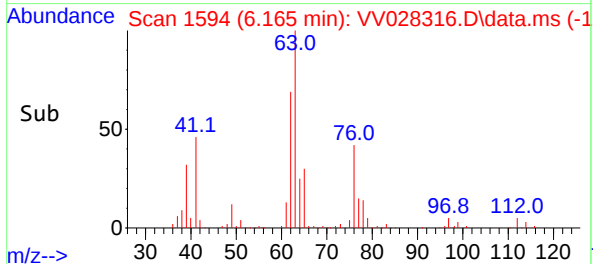
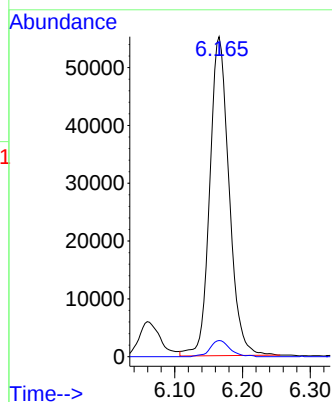
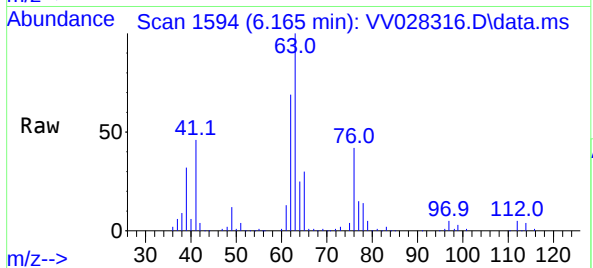




#37
1,2-Dichloropropane
Concen: 5.676 ug/L
RT: 6.165 min Scan# 11
Delta R.T. -0.004 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

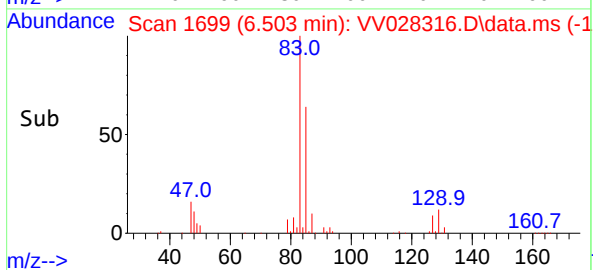
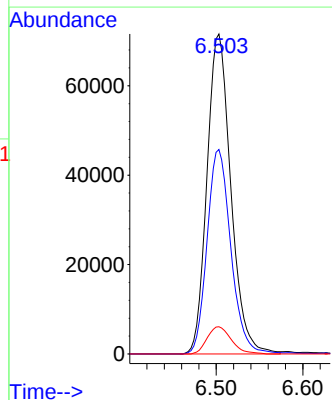
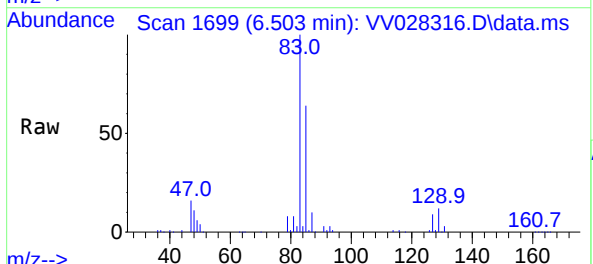
Instrument :
MSVOA_V
ClientSampleId :

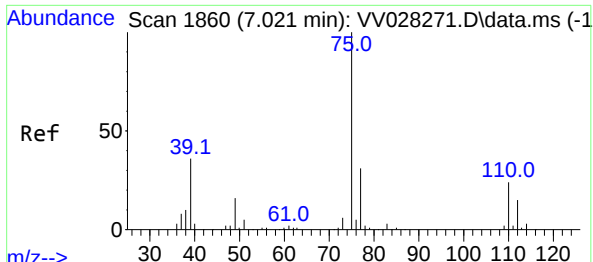
Tgt Ion: 63 Resp: 109431
Ion Ratio Lower Upper
63 100
112 5.1 3.5 5.3



#38
Bromodichloromethane
Concen: 5.160 ug/L
RT: 6.503 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

Tgt Ion: 83 Resp: 137188
Ion Ratio Lower Upper
83 100
85 63.9 43.8 81.4
127 8.5 6.3 9.5

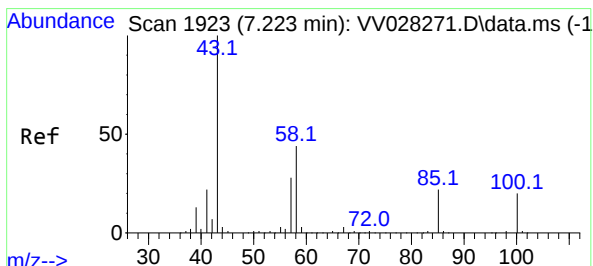
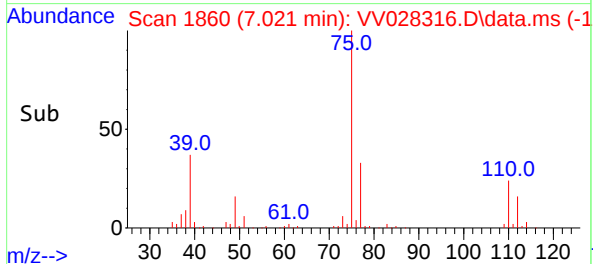
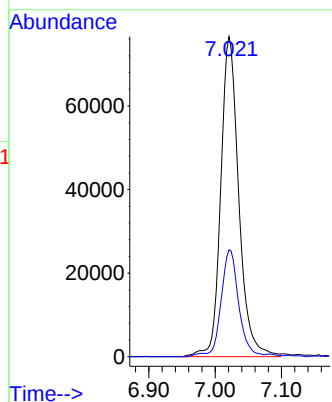
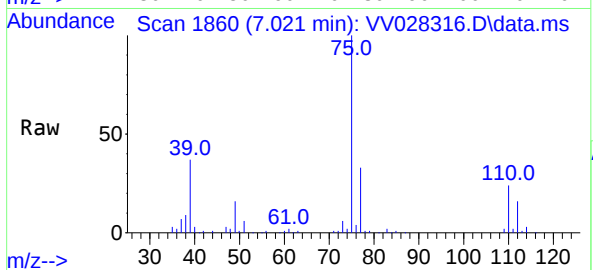




#39
 cis-1,3-Dichloropropene
 Concen: 5.246 ug/L
 RT: 7.021 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VV028316.D
 Acq: 04 Oct 2022 08:58

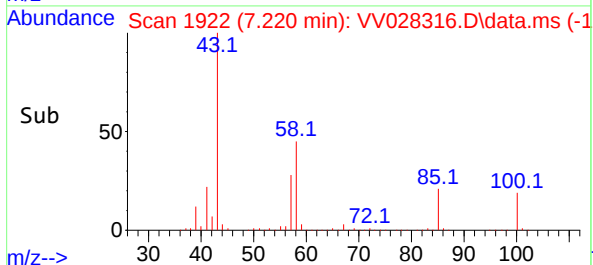
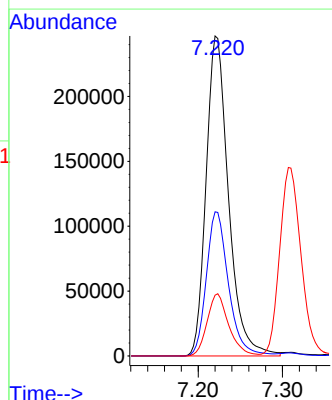
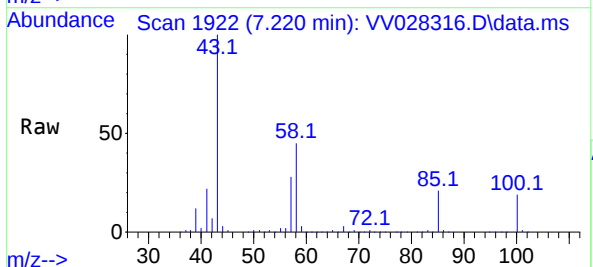
Instrument :
 MSVOA_V
 ClientSampleId :

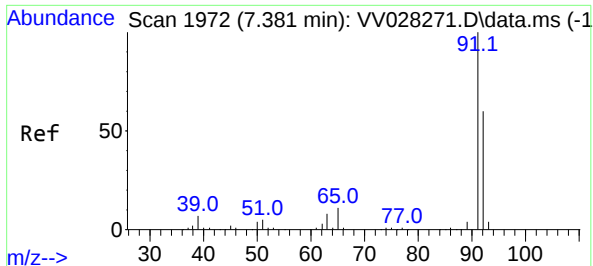
Tgt Ion: 75 Resp: 144360
 Ion Ratio Lower Upper
 75 100
 77 33.4 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 51.505 ug/L
 RT: 7.220 min Scan# 1922
 Delta R.T. -0.003 min
 Lab File: VV028316.D
 Acq: 04 Oct 2022 08:58

Tgt Ion: 43 Resp: 456216
 Ion Ratio Lower Upper
 43 100
 58 44.5 32.2 48.4
 100 18.8 12.7 19.1





#42

Toluene

Concen: 5.714 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. -0.003 min

Lab File: VV028316.D

Acq: 04 Oct 2022 08:58

Instrument :

MSVOA_V

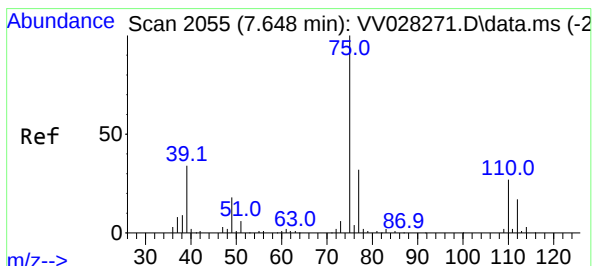
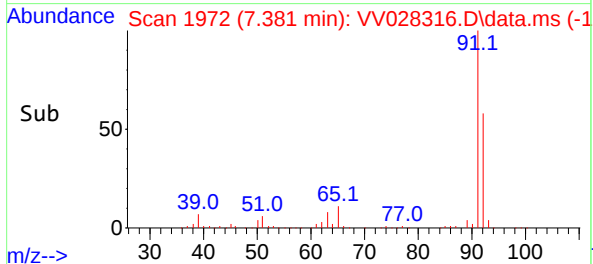
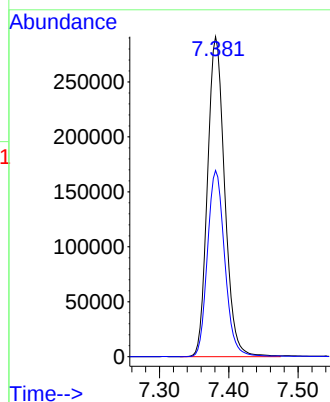
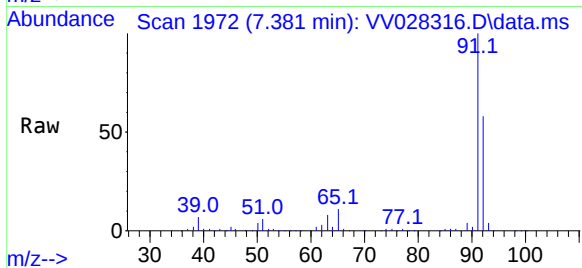
ClientSampleId :

Tgt Ion: 91 Resp: 500484

Ion Ratio Lower Upper

91 100

92 58.2 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.056 ug/L

RT: 7.644 min Scan# 2054

Delta R.T. -0.003 min

Lab File: VV028316.D

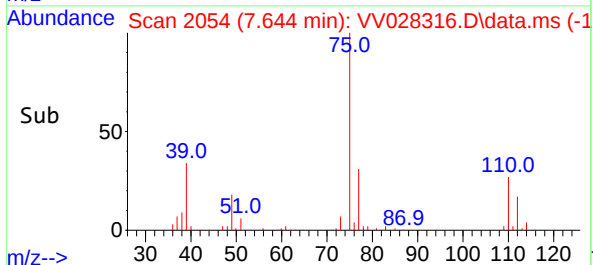
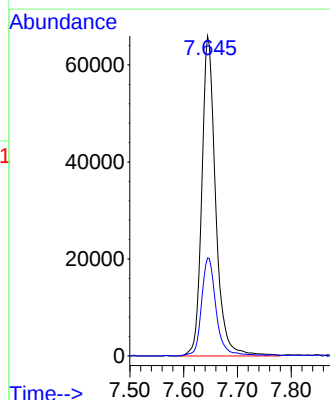
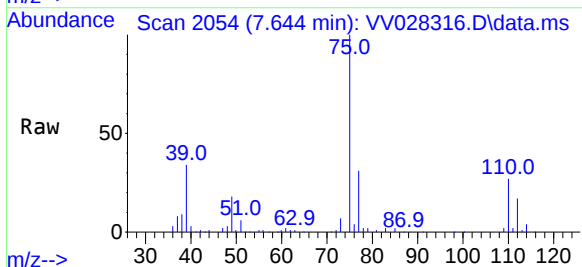
Acq: 04 Oct 2022 08:58

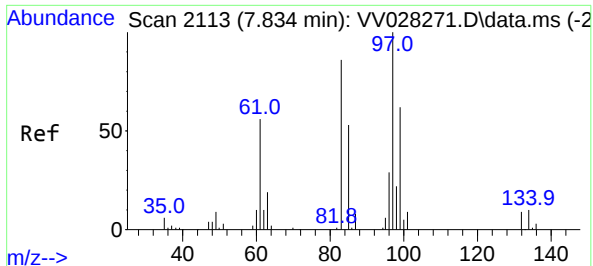
Tgt Ion: 75 Resp: 118199

Ion Ratio Lower Upper

75 100

77 30.6 23.9 44.3





#45

1,1,2-Trichloroethane

Concen: 5.086 ug/L

RT: 7.834 min Scan# 2113

Delta R.T. -0.003 min

Lab File: VV028316.D

Acq: 04 Oct 2022 08:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 72724

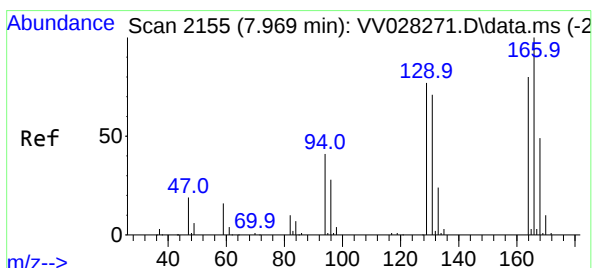
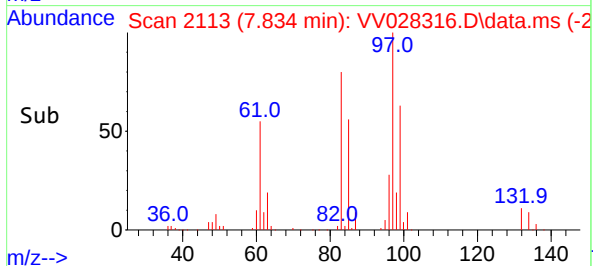
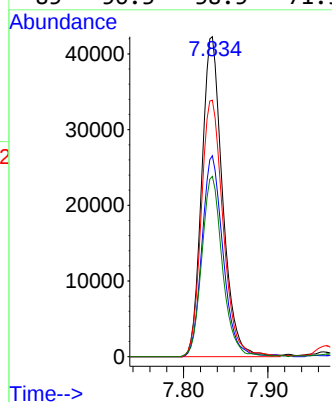
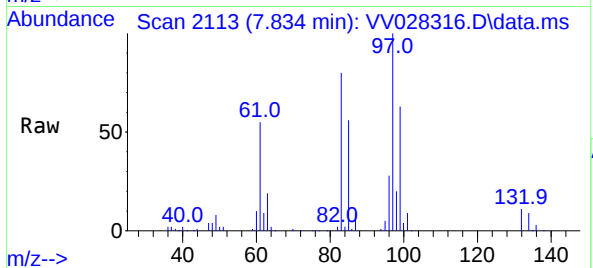
Ion Ratio Lower Upper

97 100

99 62.8 43.2 80.2

83 80.2 59.1 109.9

85 56.3 38.5 71.5



#47

Tetrachloroethene

Concen: 5.532 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.000 min

Lab File: VV028316.D

Acq: 04 Oct 2022 08:58

Tgt Ion:164 Resp: 100769

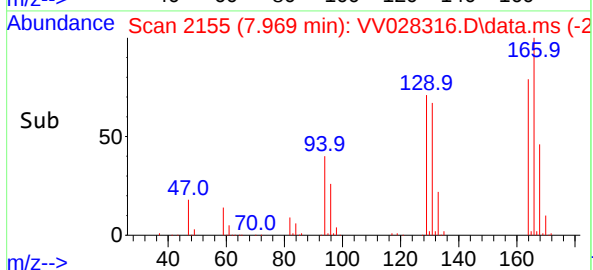
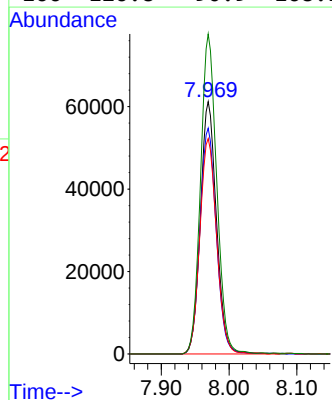
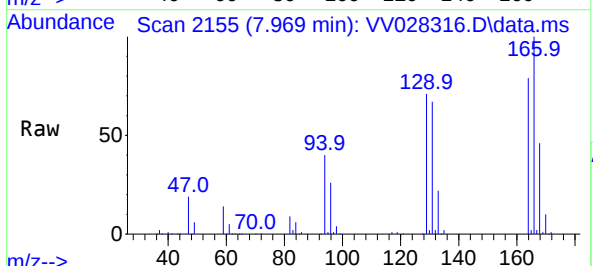
Ion Ratio Lower Upper

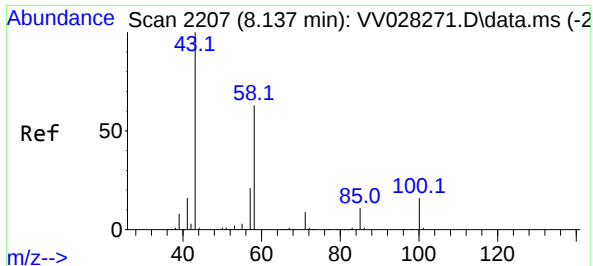
164 100

129 89.5 66.7 123.9

131 85.3 61.7 114.5

166 126.8 90.9 168.9

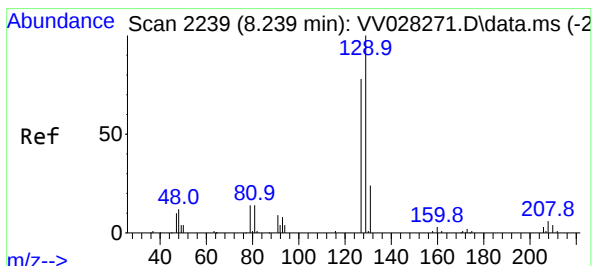
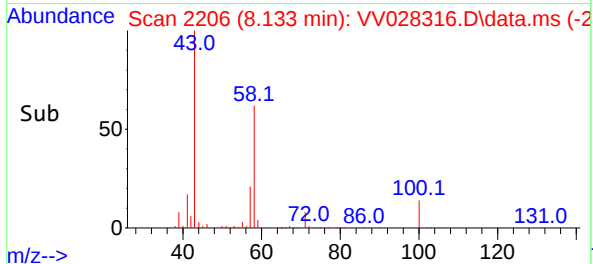
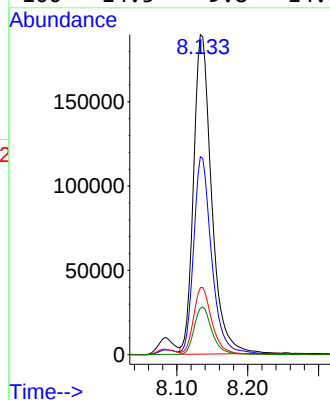
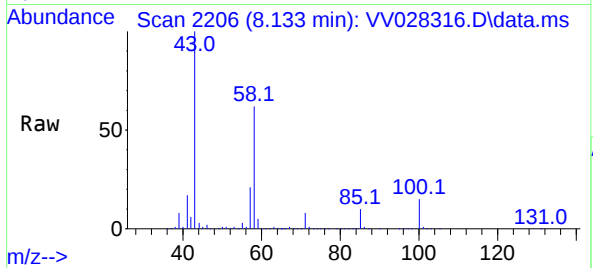




#48
2-Hexanone
Concen: 54.252 ug/L
RT: 8.133 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

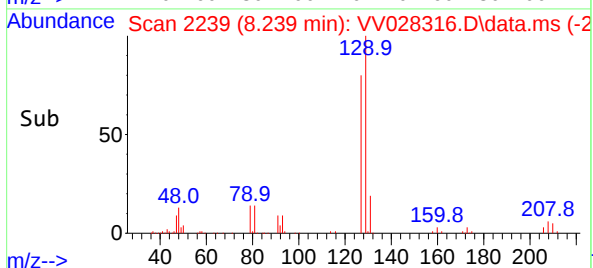
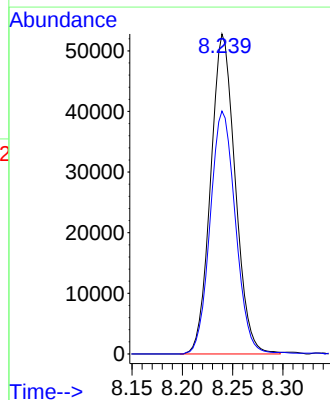
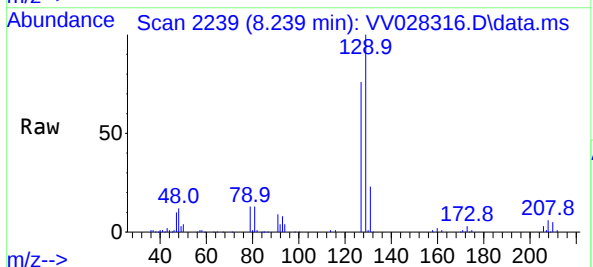
Instrument :
MSVOA_V
ClientSampleId :

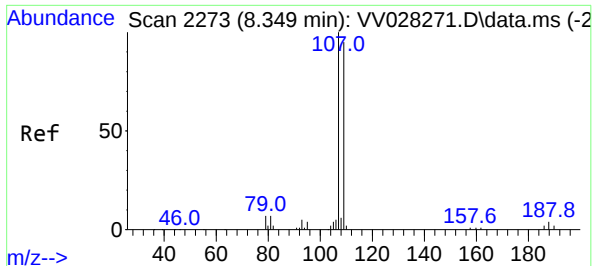
Tgt Ion: 43 Resp: 336566
Ion Ratio Lower Upper
43 100
58 61.3 45.7 68.5
57 21.1 15.5 23.3
100 14.5 9.8 14.6



#49
Dibromochloromethane
Concen: 4.960 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.003 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

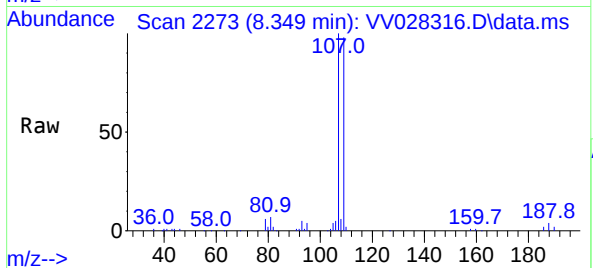
Tgt Ion: 129 Resp: 89764
Ion Ratio Lower Upper
129 100
127 75.9 54.3 100.9



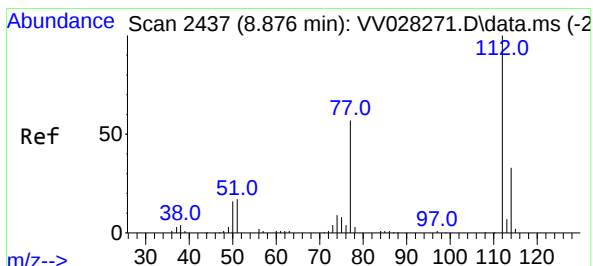
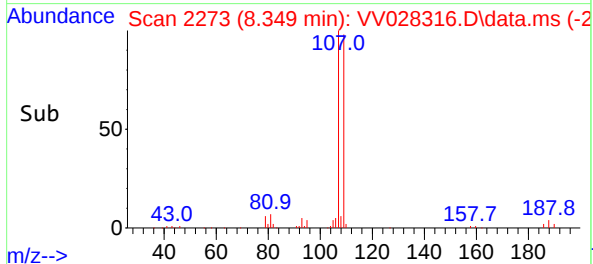
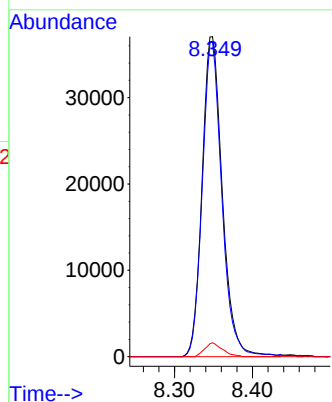


#50
1,2-Dibromoethane
Concen: 5.193 ug/L
RT: 8.349 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

Instrument :
MSVOA_V
ClientSampleId :

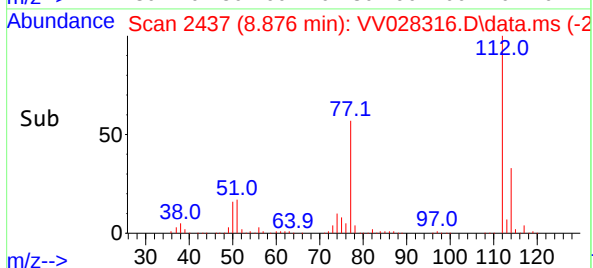
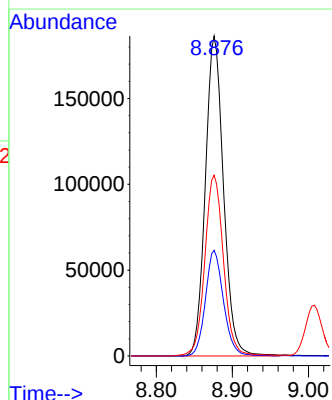
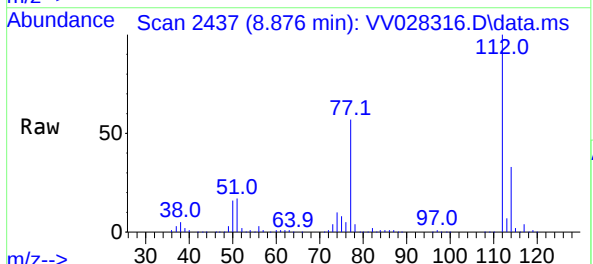


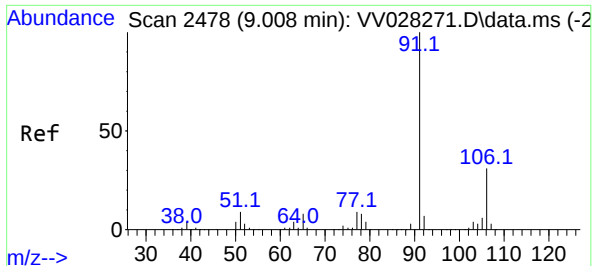
Tgt Ion:107 Resp: 66818
Ion Ratio Lower Upper
107 100
109 98.4 65.9 122.5
188 4.3 3.4 5.0



#51
Chlorobenzene
Concen: 5.318 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. -0.003 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

Tgt Ion:112 Resp: 309781
Ion Ratio Lower Upper
112 100
114 33.0 22.5 41.7
77 56.5 46.1 69.1

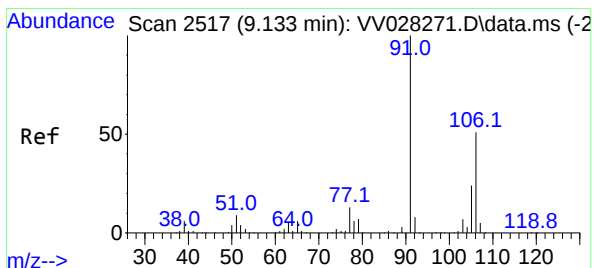
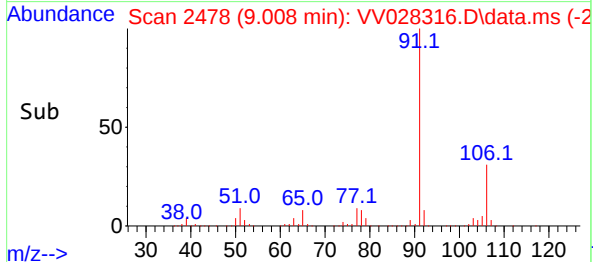
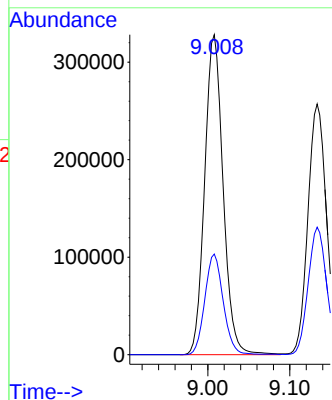
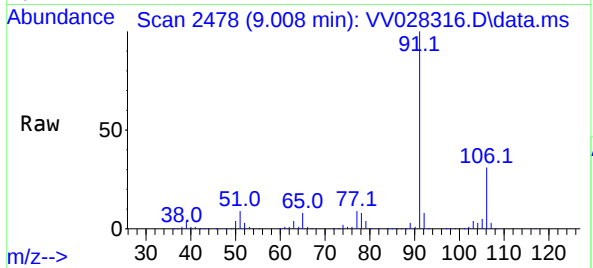




#52
Ethylbenzene
Concen: 5.563 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

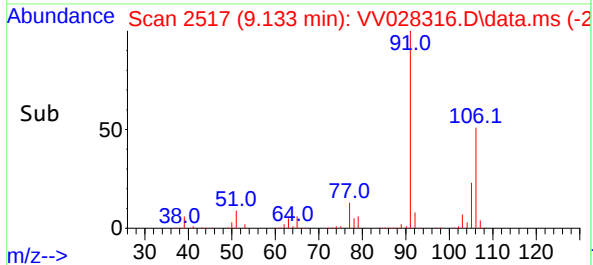
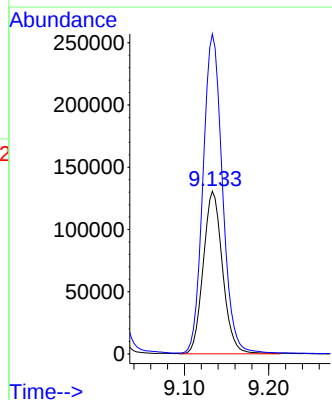
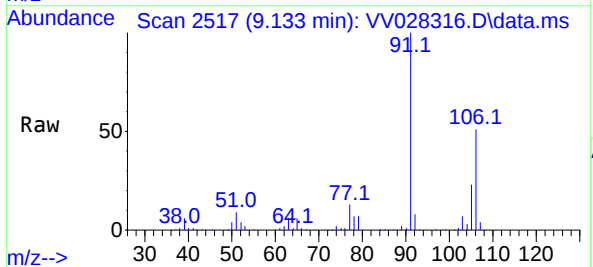
Instrument :
MSVOA_V
ClientSampleId :

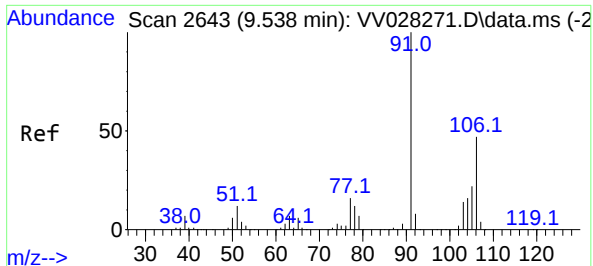
Tgt Ion: 91 Resp: 512067
Ion Ratio Lower Upper
91 100
106 31.4 21.5 39.9



#53
m,p-Xylene
Concen: 5.676 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.000 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

Tgt Ion: 106 Resp: 208274
Ion Ratio Lower Upper
106 100
91 196.6 141.9 263.5

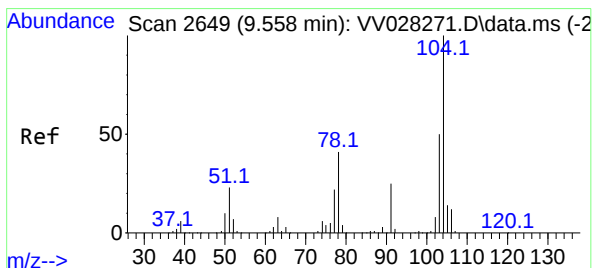
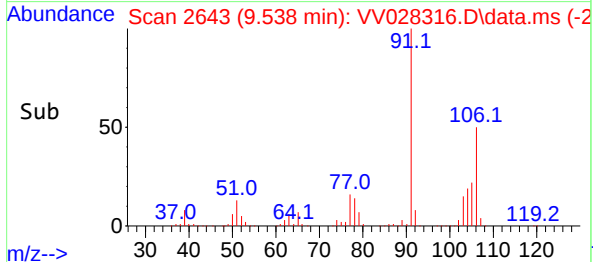
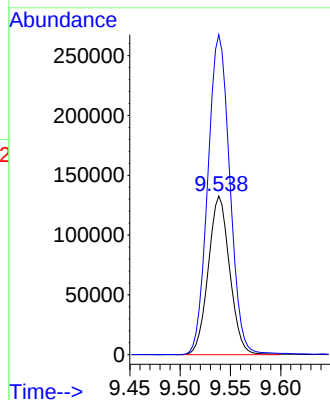
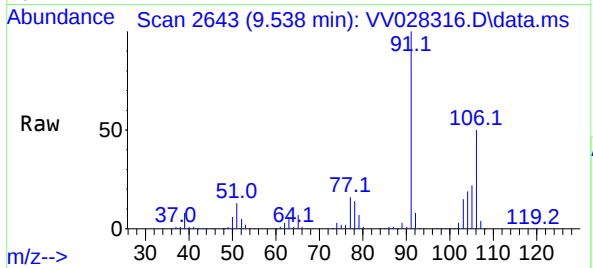




#54
o-Xylene
Concen: 5.650 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

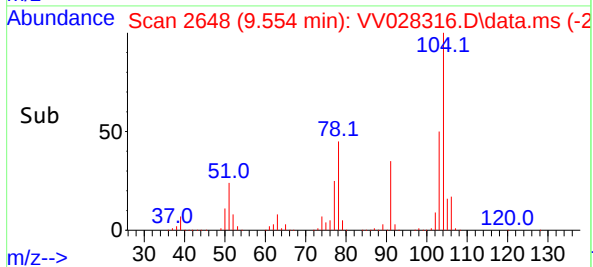
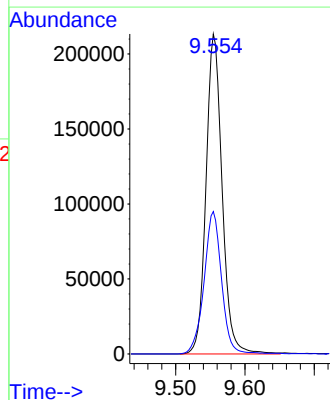
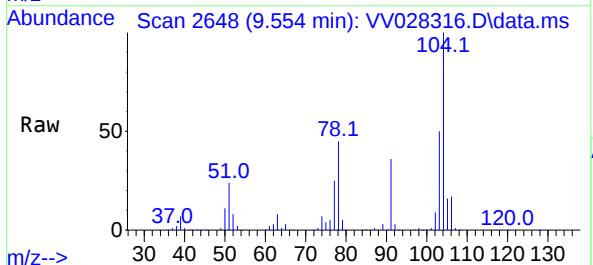
Instrument : MSVOA_V
ClientSampleId :

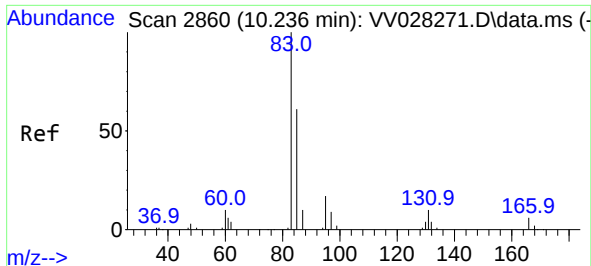
Tgt Ion:106 Resp: 196086
Ion Ratio Lower Upper
106 100
91 201.6 148.1 275.0



#55
Styrene
Concen: 5.765 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. -0.003 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

Tgt Ion:104 Resp: 343855
Ion Ratio Lower Upper
104 100
78 44.5 31.0 57.6

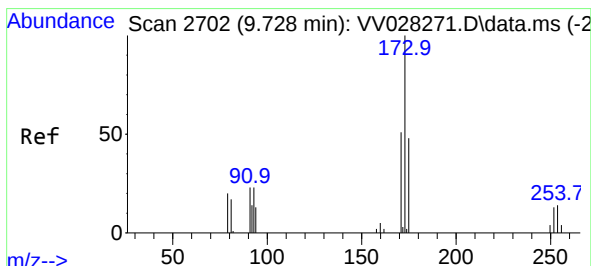
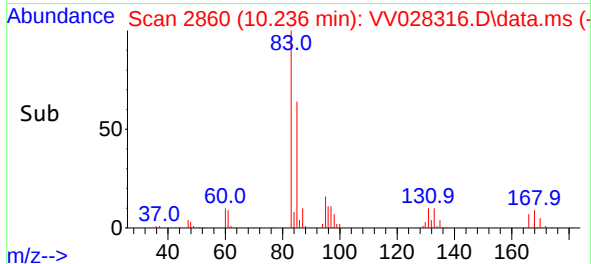
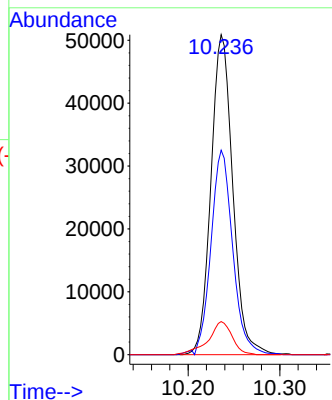
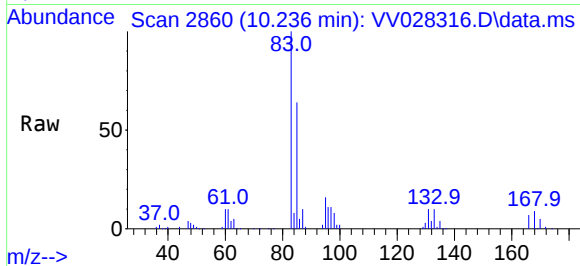




#57
1,1,2,2-Tetrachloroethane
Concen: 5.181 ug/L
RT: 10.236 min Scan# 2860
Delta R.T. -0.003 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

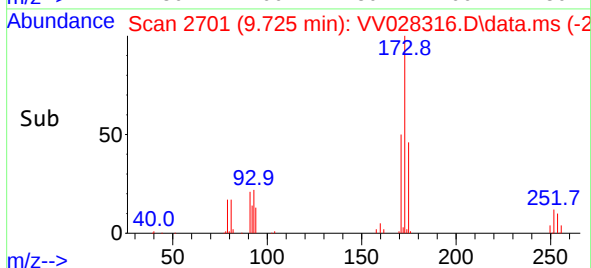
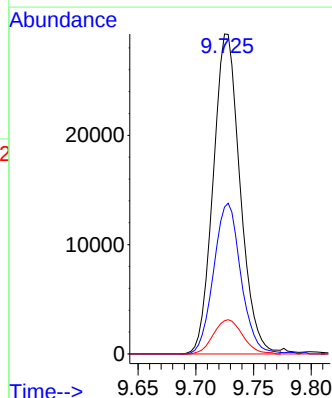
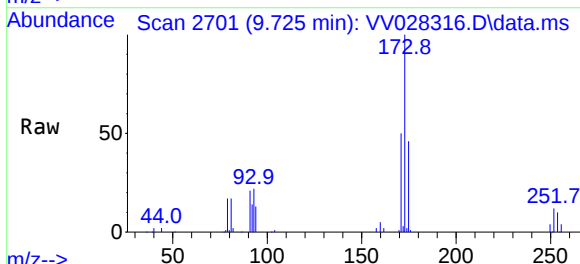
Instrument :
MSVOA_V
ClientSampleId :

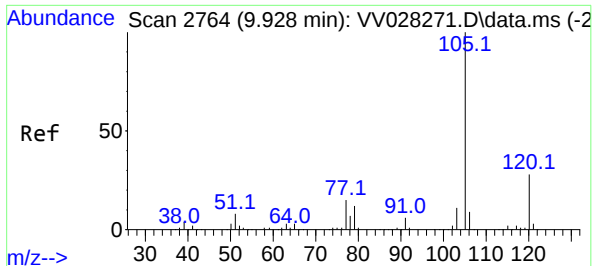
Tgt Ion:	83	Resp:	84057
Ion	Ratio	Lower	Upper
83	100		
85	63.9	45.2	84.0
131	10.3	7.8	11.8



#59
Bromoform
Concen: 4.709 ug/L
RT: 9.725 min Scan# 2701
Delta R.T. -0.003 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

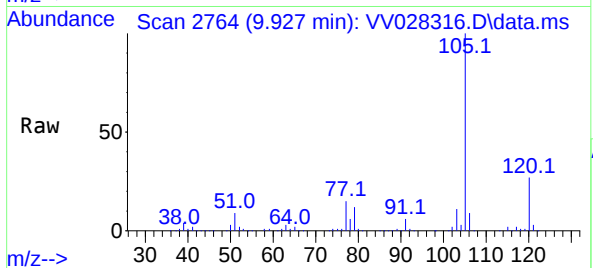
Tgt Ion:	173	Resp:	47424
Ion	Ratio	Lower	Upper
173	100		
175	47.7	39.0	58.4
254	11.6	8.7	13.1



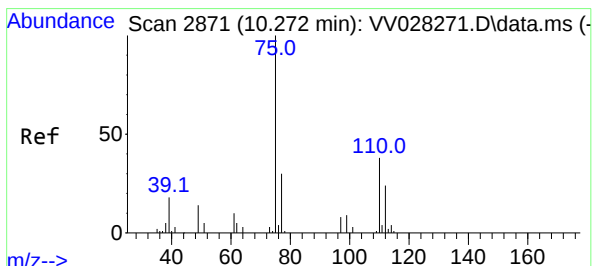
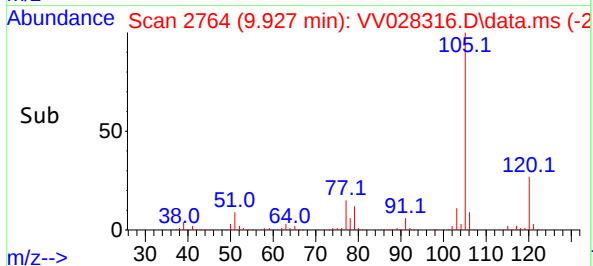
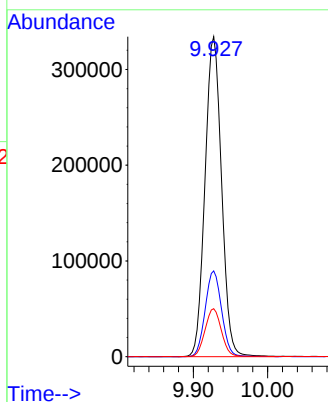


#60
Isopropylbenzene
Concen: 5.508 ug/L
RT: 9.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

Instrument :
MSVOA_V
ClientSampleId :

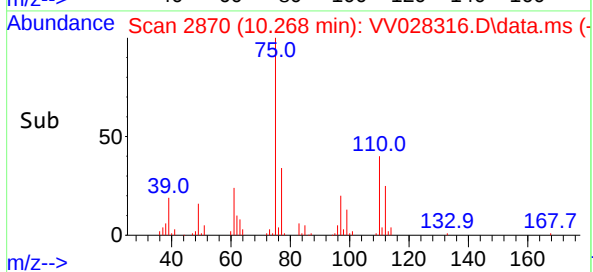
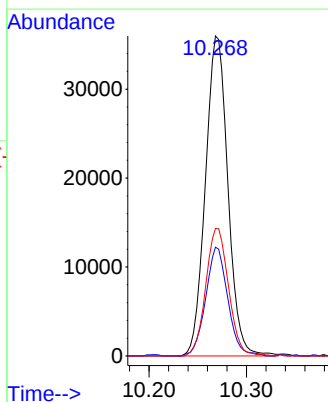
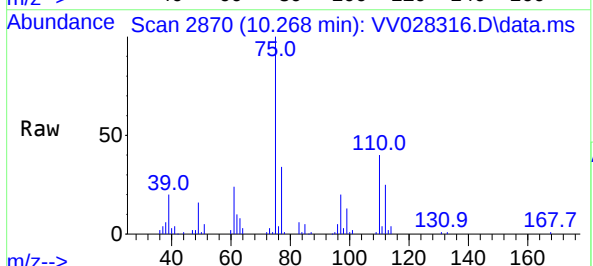


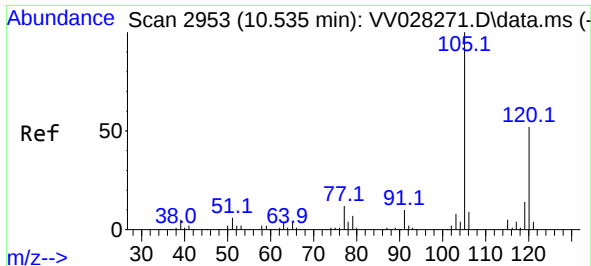
Tgt Ion:105 Resp: 515316
Ion Ratio Lower Upper
105 100
120 26.6 21.4 32.0
77 15.0 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.890 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

Tgt Ion: 75 Resp: 57692
Ion Ratio Lower Upper
75 100
77 33.4 26.7 40.1
110 40.2 30.1 45.1

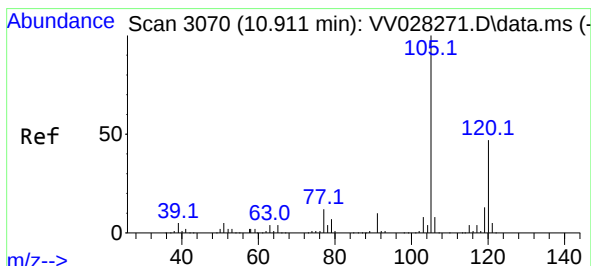
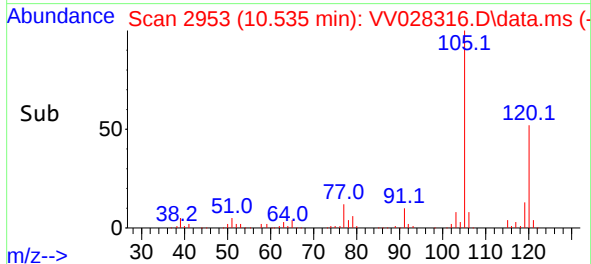
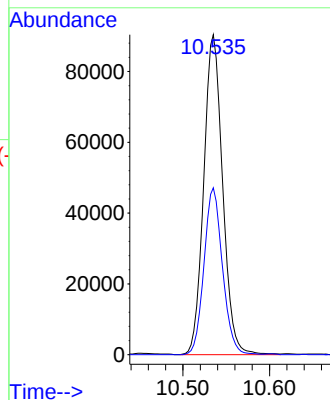
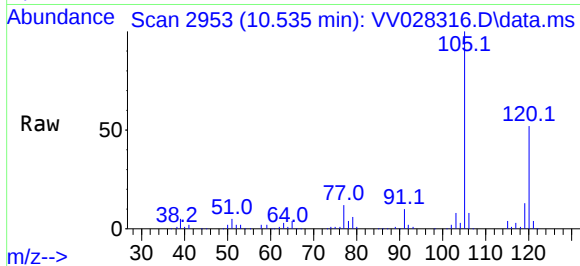




#62
1,3,5-Trimethylbenzene
Concen: 5.168 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. 0.000 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

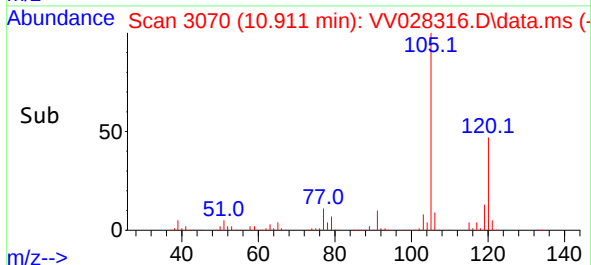
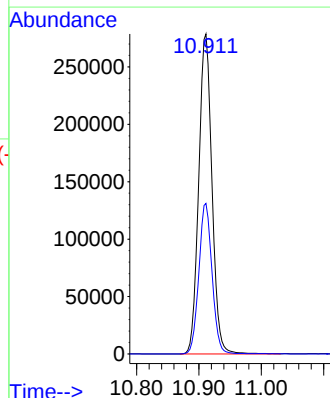
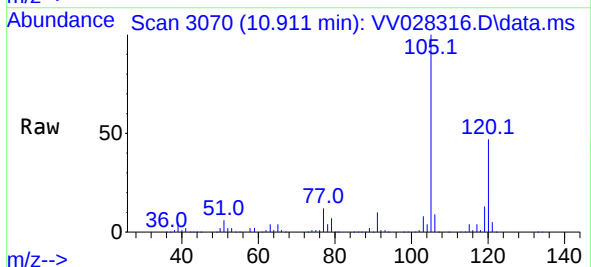
Instrument :
MSVOA_V
ClientSampleId :

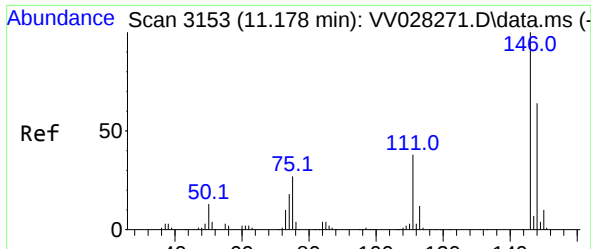
Tgt Ion:105 Resp: 137396
Ion Ratio Lower Upper
105 100
120 50.8 40.6 61.0



#63
1,2,4-Trimethylbenzene
Concen: 5.460 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.000 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

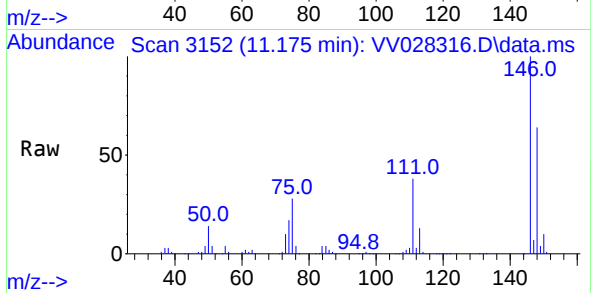
Tgt Ion:105 Resp: 411437
Ion Ratio Lower Upper
105 100
120 46.9 37.8 56.8



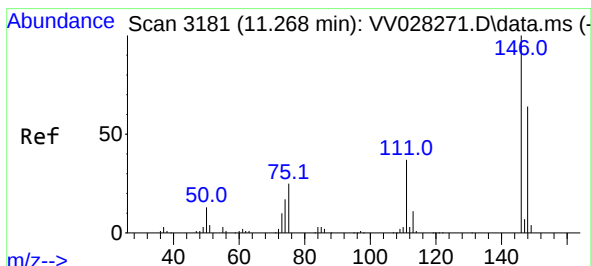
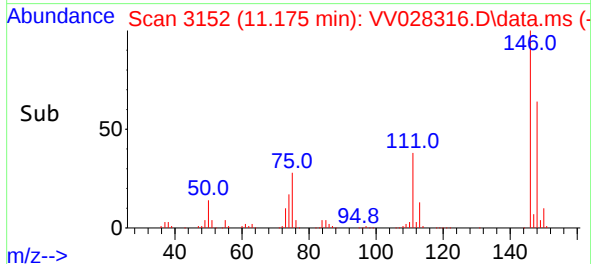
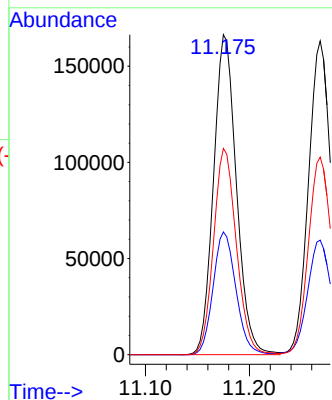


#64
1,3-Dichlorobenzene
Concen: 5.552 ug/L
RT: 11.175 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

Instrument :
MSVOA_V
ClientSampleId :

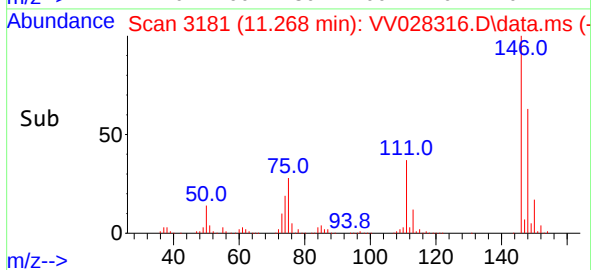
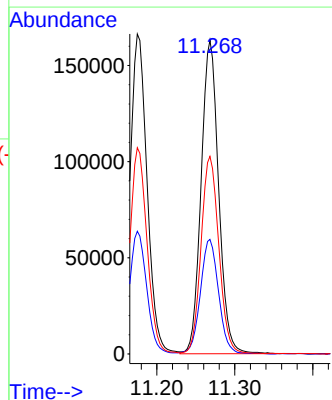
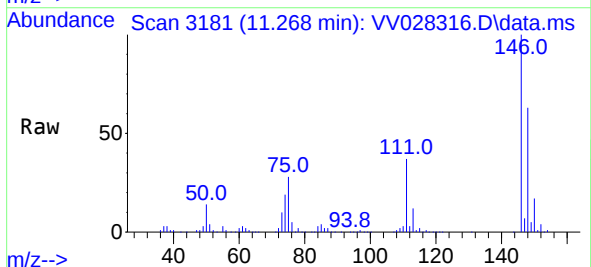


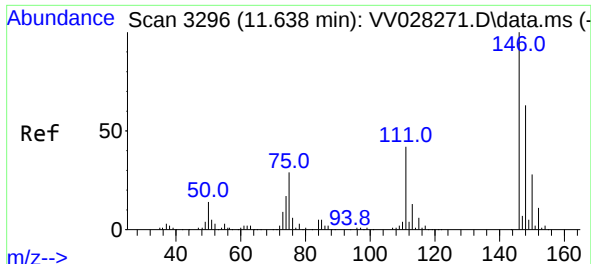
Tgt Ion:146 Resp: 255188
Ion Ratio Lower Upper
146 100
111 38.3 27.1 50.3
148 64.4 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.531 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

Tgt Ion:146 Resp: 254550
Ion Ratio Lower Upper
146 100
111 36.5 26.2 48.8
148 63.0 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 5.380 ug/L

RT: 11.638 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV028316.D

Acq: 04 Oct 2022 08:58

Instrument :

MSVOA_V

ClientSampleId :

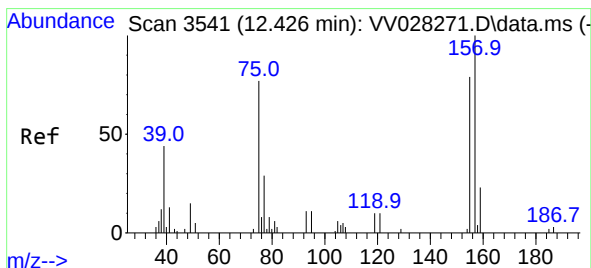
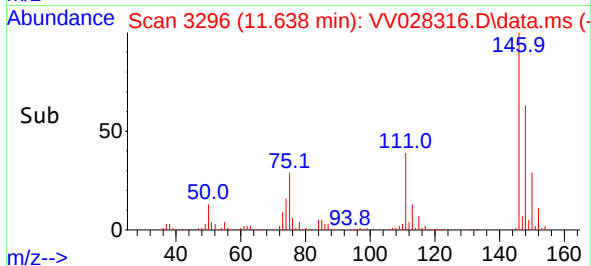
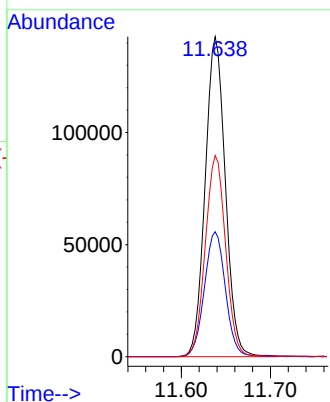
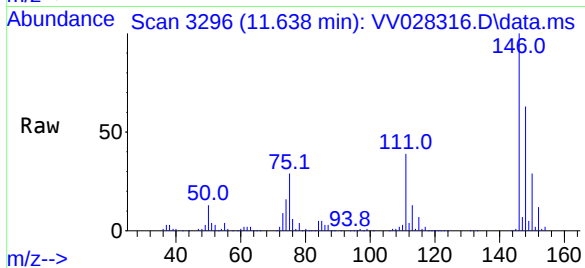
Tgt Ion:146 Resp: 224296

Ion Ratio Lower Upper

146 100

111 39.1 32.6 49.0

148 62.9 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 4.140 ug/L

RT: 12.422 min Scan# 3540

Delta R.T. -0.003 min

Lab File: VV028316.D

Acq: 04 Oct 2022 08:58

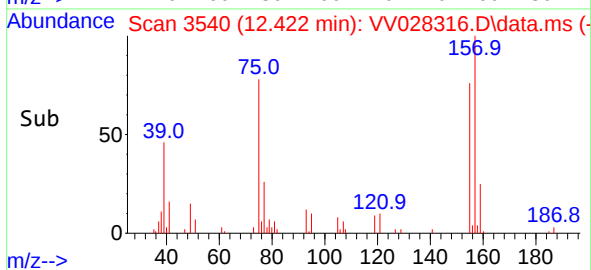
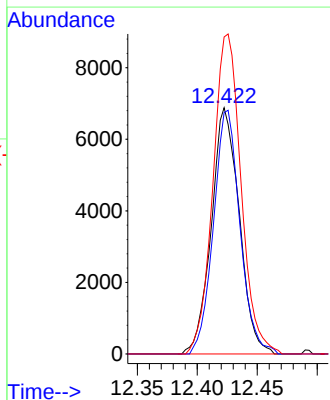
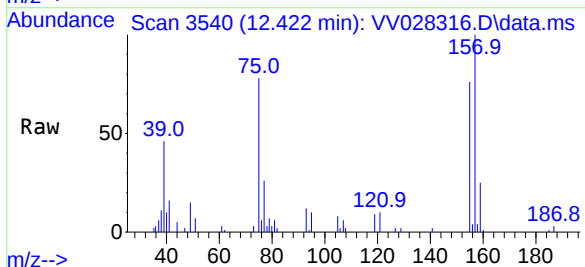
Tgt Ion: 75 Resp: 11127

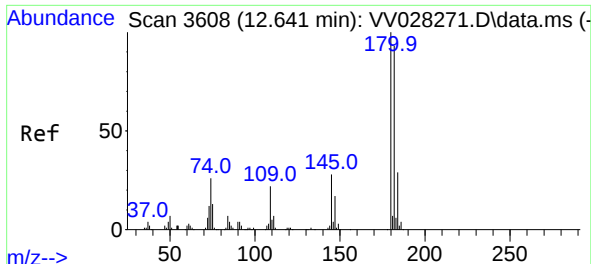
Ion Ratio Lower Upper

75 100

155 98.1 73.6 110.4

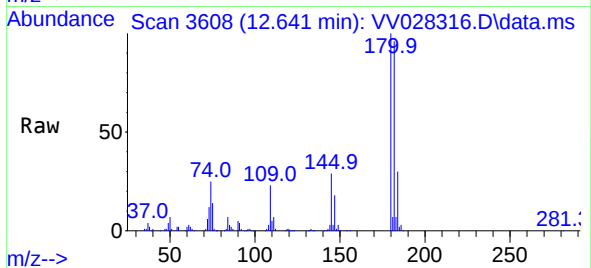
157 128.7 90.7 136.1



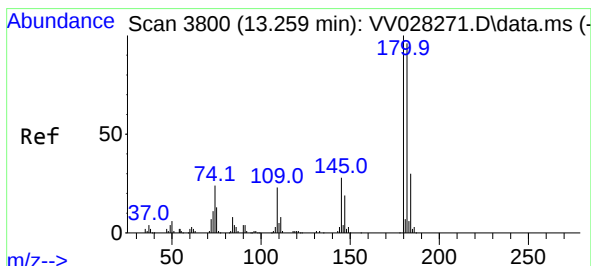
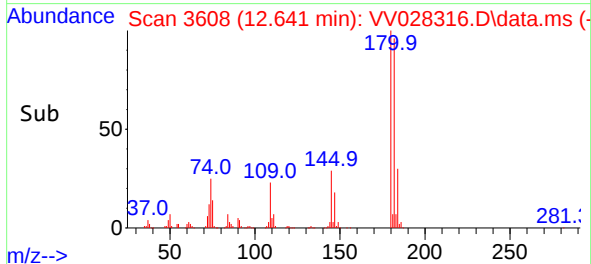
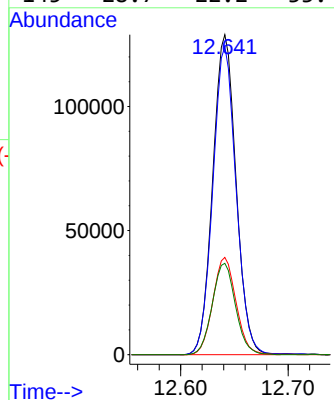


#69
1,3,5-Trichlorobenzene
Concen: 5.322 ug/L
RT: 12.641 min Scan# 3799
Delta R.T. 0.000 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

Instrument :
MSVOA_V
ClientSampleId :

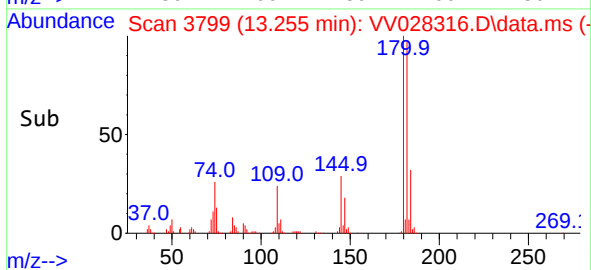
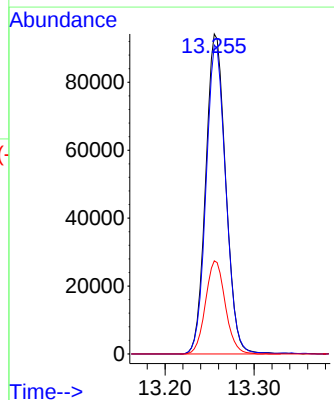
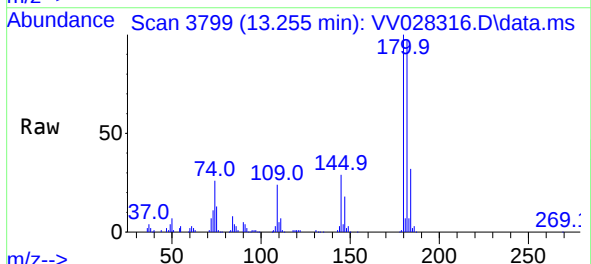


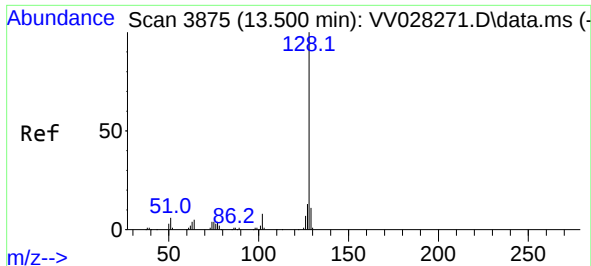
Tgt Ion:180 Resp: 193462
Ion Ratio Lower Upper
180 100
182 96.4 75.5 113.3
184 30.4 23.7 35.5
145 28.7 22.2 33.4



#70
1,2,4-trichlorobenzene
Concen: 5.287 ug/L
RT: 13.255 min Scan# 3799
Delta R.T. -0.003 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

Tgt Ion:180 Resp: 146478
Ion Ratio Lower Upper
180 100
182 95.5 76.3 114.5
145 28.8 22.9 34.3

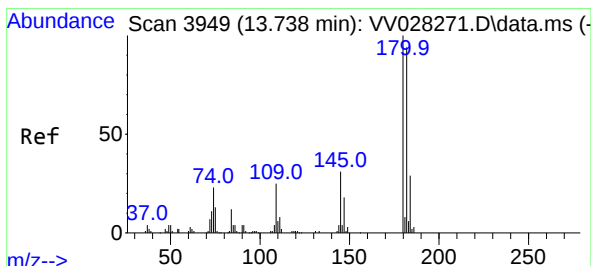
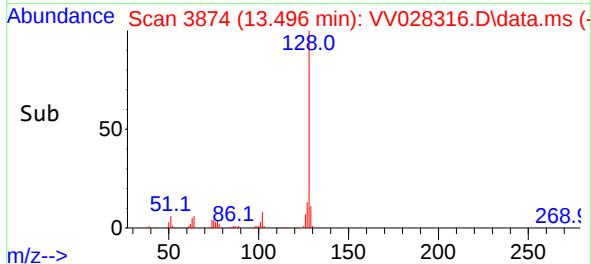
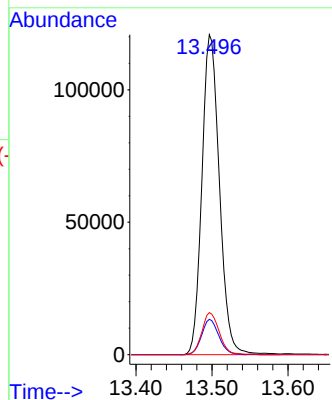
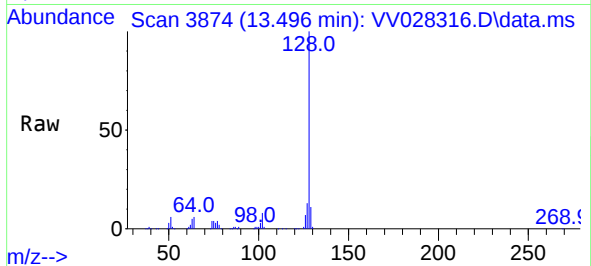




#71
Naphthalene
Concen: 4.462 ug/L
RT: 13.496 min Scan# 3875
Delta R.T. -0.003 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 193094
Ion Ratio Lower Upper
128 100
129 10.8 8.2 12.2
127 13.1 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.183 ug/L
RT: 13.738 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VV028316.D
Acq: 04 Oct 2022 08:58

Tgt Ion:180 Resp: 129445
Ion Ratio Lower Upper
180 100
182 94.8 77.4 116.0
145 29.7 24.6 36.8

