

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081122\
 Data File : VW027283.D
 Acq On : 11 Aug 2022 13:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 12 03:42:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 12 03:40:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	277950	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	297609	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	158535	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84197	44.431	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.860%
7) Chloroethane-d5	1.558	69	71535	51.637	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.280%
11) 1,1-Dichloroethene-d2	2.105	63	161373	46.556	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.120%
21) 2-Butanone-d5	3.873	46	179022	106.132	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.130%
24) Chloroform-d	4.342	84	202524	52.174	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.340%
26) 1,2-Dichloroethane-d4	5.027	65	135491	56.219	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.440%
32) Benzene-d6	5.043	84	374542	52.480	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.960%
36) 1,2-Dichloropropane-d6	6.066	67	128341	50.554	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.100%
41) Toluene-d8	7.313	98	337314	55.449	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.900%
43) trans-1,3-Dichloroprop...	7.619	79	58328	52.711	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.420%
47) 2-Hexanone-d5	8.085	63	125030	102.254	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.250%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	209126	50.548	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.100%
66) 1,2-Dichlorobenzene-d4	11.622	152	128952	47.101	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	94466	38.205	ug/L	99
3) Chloromethane	1.236	50	131702	46.625	ug/L	96
5) Vinyl chloride	1.307	62	111588	39.655	ug/L	99
6) Bromomethane	1.507	94	57522	43.362	ug/L	98
8) Chloroethane	1.574	64	74402	47.461	ug/L	100
9) Trichlorofluoromethane	1.744	101	150025	41.551	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	84384	42.148	ug/L	98
12) 1,1-Dichloroethene	2.111	96	80969	42.042	ug/L	90
13) Acetone	2.156	43	151199	116.248	ug/L	90
14) Carbon disulfide	2.288	76	263213	40.156	ug/L	99
15) Methyl Acetate	2.423	43	175222	59.230	ug/L	# 83
16) Methylene chloride	2.500	84	141998	55.197	ug/L	85
17) trans-1,2-Dichloroethene	2.754	96	105439	49.473	ug/L	88
18) Methyl tert-butyl Ether	2.767	73	390950	61.677	ug/L	# 94
19) 1,1-Dichloroethane	3.182	63	231144	54.026	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	123797	55.916	ug/L	87
22) 2-Butanone	3.953	43	234687	131.613	ug/L	94
23) Bromochloromethane	4.240	128	71451	57.792	ug/L	85
25) Chloroform	4.368	83	242764	56.146	ug/L	100

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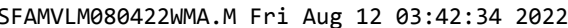
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 MSVOA_V
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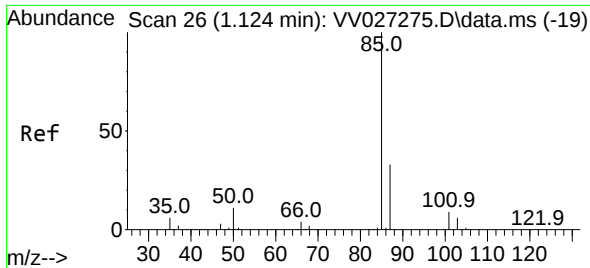
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	194526	57.766	ug/L	95
29) Cyclohexane	4.674	56	131995	38.511	ug/L	89
30) 1,1,1-Trichloroethane	4.603	97	179435	45.488	ug/L	96
31) Carbon tetrachloride	4.822	117	149062	43.525	ug/L	98
33) Benzene	5.095	78	483187	50.523	ug/L	100
34) Trichloroethene	5.908	95	111565	45.559	ug/L	96
35) Methylcyclohexane	6.127	83	142818	39.663	ug/L	91
37) 1,2-Dichloropropane	6.169	63	145311	54.234	ug/L	99
38) Bromodichloromethane	6.506	83	191922	54.669	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	191912	54.074	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	472260	123.555	ug/L #	90
42) Toluene	7.384	91	497617	51.175	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	194016	55.628	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	146727	56.819	ug/L	99
46) Tetrachloroethene	7.973	164	80585	44.961	ug/L	98
48) 2-Hexanone	8.136	43	378005	124.172	ug/L #	90
49) Dibromochloromethane	8.243	129	150811	55.248	ug/L	100
50) 1,2-Dibromoethane	8.349	107	148839	56.015	ug/L	99
51) Chlorobenzene	8.879	112	321097	49.231	ug/L	95
52) Ethylbenzene	9.011	91	476981	47.538	ug/L	100
53) m,p-Xylene	9.136	106	189243	49.905	ug/L	92
54) o-Xylene	9.542	106	190108	51.459	ug/L	94
55) Styrene	9.558	104	364555	56.017	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	252129	58.281	ug/L	100
59) Bromoform	9.728	173	104117	55.277	ug/L	99
60) Isopropylbenzene	9.931	105	461276	46.170	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	197504	54.265	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	386911	46.894	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	396622	49.071	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	239292	49.418	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	251135	49.281	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	258371	50.925	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	55215	54.075	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	155277	47.744	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	131270	48.597	ug/L	98
71) Naphthalene	13.500	128	493856	53.394	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	154670	51.660	ug/L	99

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

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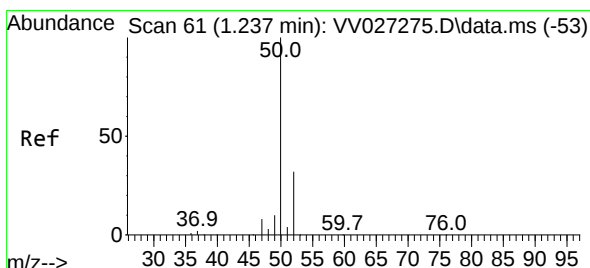
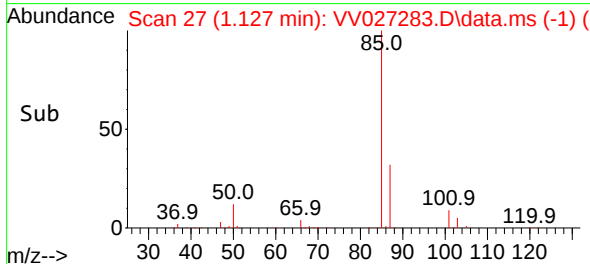
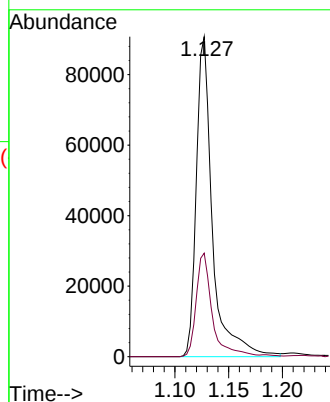
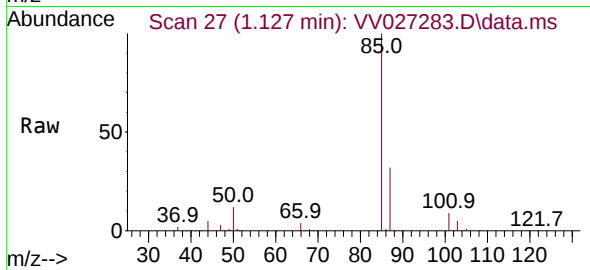




#2
 Dichlorodifluoromethane
 Concen: 38.205 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV027283.D
 Acq: 11 Aug 2022 13:23

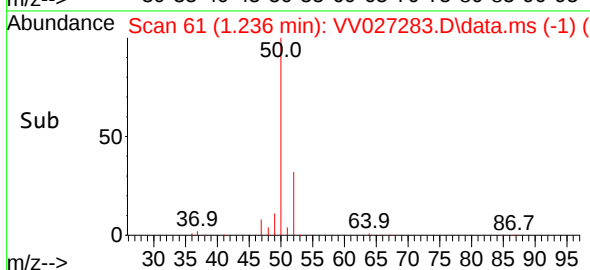
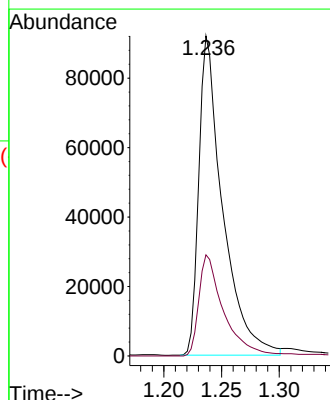
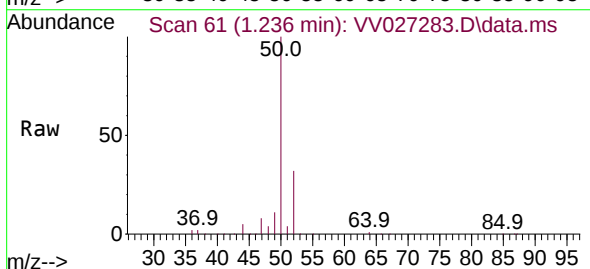
Instrument :
 MSVOA_V
 ClientSampleId :

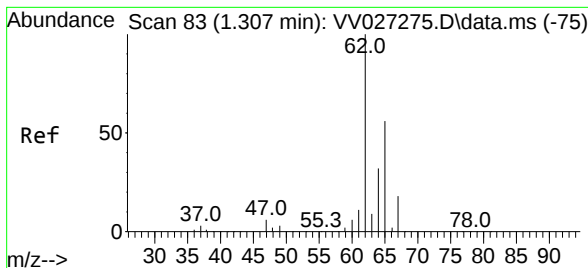
Tgt Ion: 85 Resp: 94466
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.1 39.1



#3
 Chloromethane
 Concen: 46.625 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV027283.D
 Acq: 11 Aug 2022 13:23

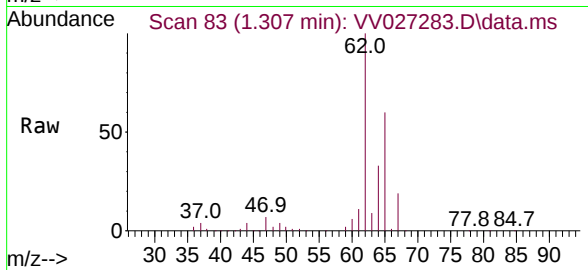
Tgt Ion: 50 Resp: 131702
 Ion Ratio Lower Upper
 50 100
 52 31.6 23.5 43.7



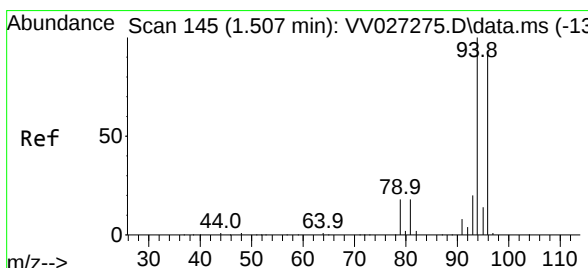
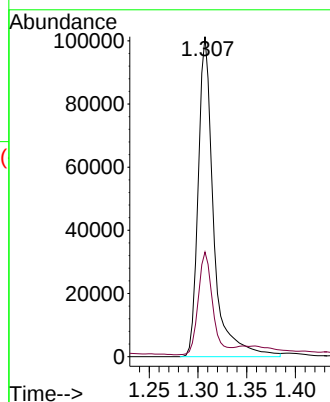
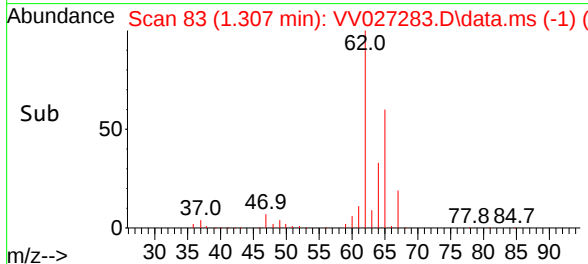


#5
 Vinyl chloride
 Concen: 39.655 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV027283.D
 Acq: 11 Aug 2022 13:23

Instrument :
 MSVOA_V
 ClientSampleId :

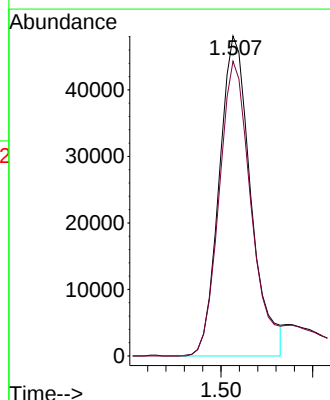
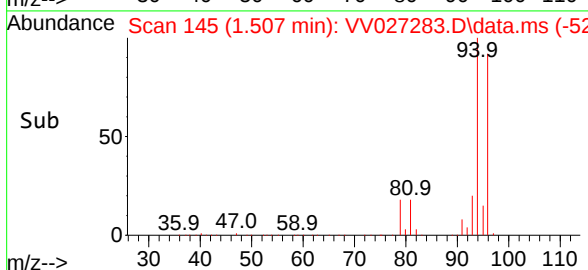
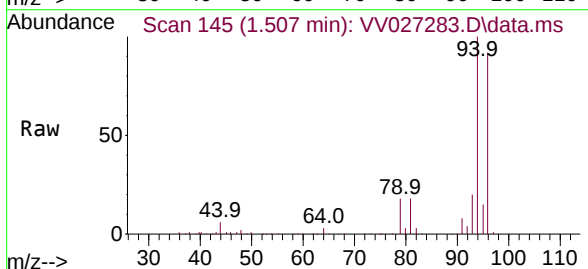


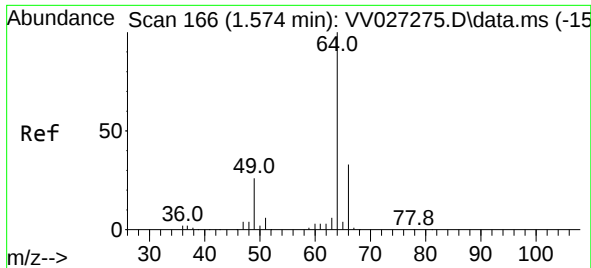
Tgt Ion: 62 Resp: 111588
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.2 43.2



#6
 Bromomethane
 Concen: 43.362 ug/L
 RT: 1.507 min Scan# 145
 Delta R.T. -0.000 min
 Lab File: VV027283.D
 Acq: 11 Aug 2022 13:23

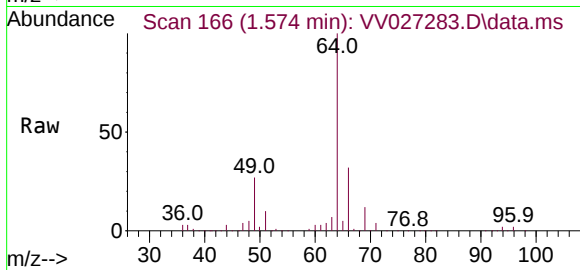
Tgt Ion: 94 Resp: 57522
 Ion Ratio Lower Upper
 94 100
 96 92.1 66.1 122.8



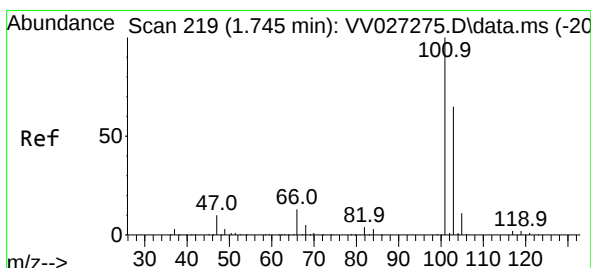
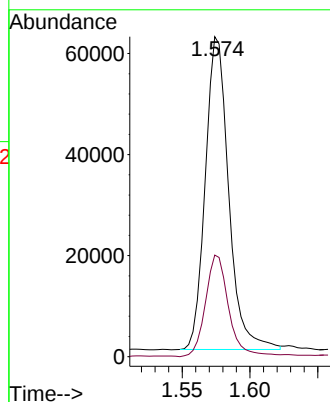
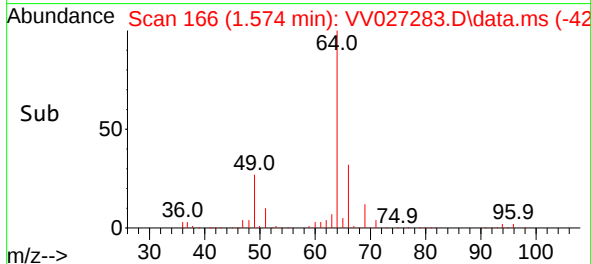


#8
Chloroethane
Concen: 47.461 ug/L
RT: 1.574 min Scan# 166
Delta R.T. -0.000 min
Lab File: VV027283.D
Acq: 11 Aug 2022 13:23

Instrument :
MSVOA_V
ClientSampleId :

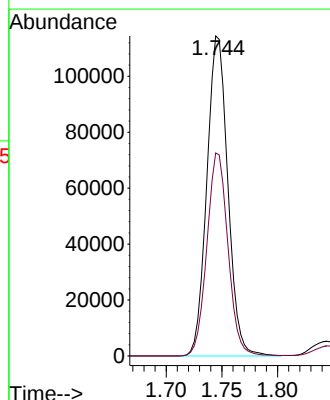
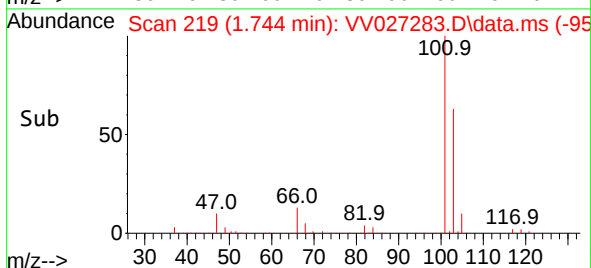
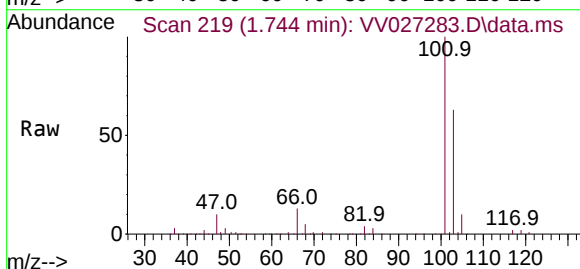


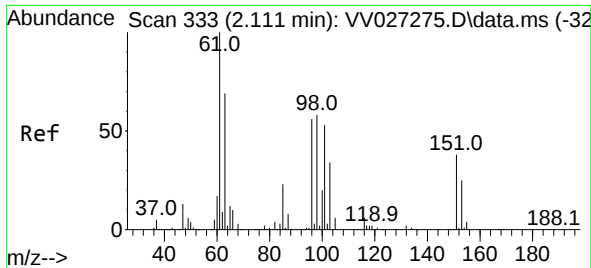
Tgt Ion: 64 Resp: 74402
Ion Ratio Lower Upper
64 100
66 31.8 22.4 41.6



#9
Trichlorofluoromethane
Concen: 41.551 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.000 min
Lab File: VV027283.D
Acq: 11 Aug 2022 13:23

Tgt Ion:101 Resp: 150025
Ion Ratio Lower Upper
101 100
103 63.7 52.4 78.6

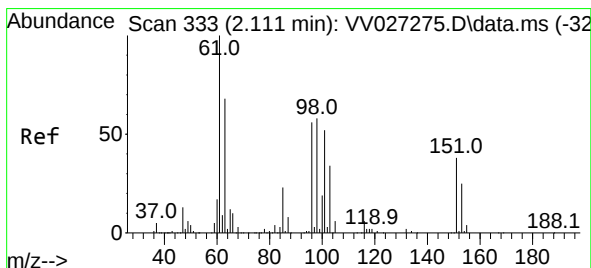
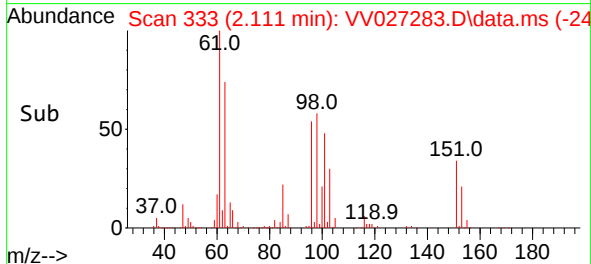
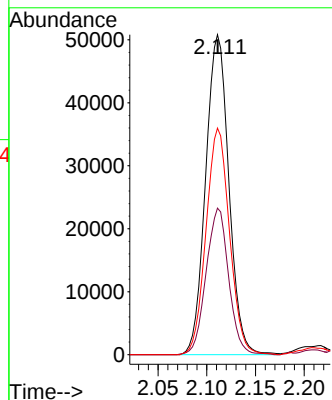
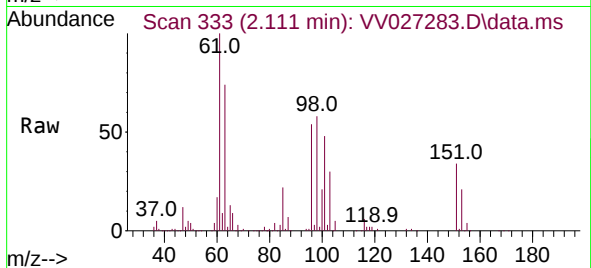




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 42.148 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV027283.D
 Acq: 11 Aug 2022 13:23

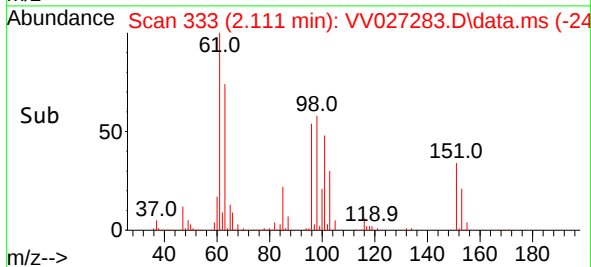
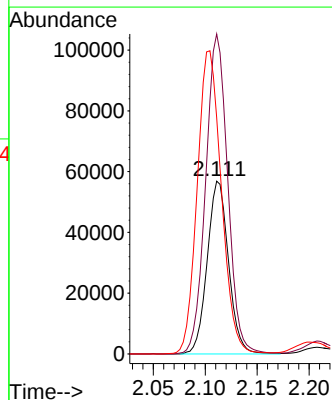
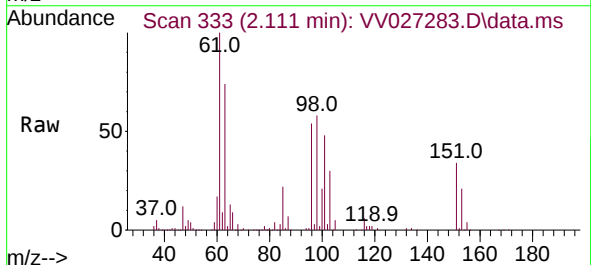
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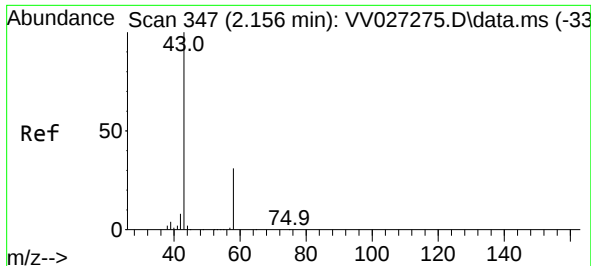
Tgt Ion:101 Resp: 84384
 Ion Ratio Lower Upper
 101 100
 85 44.5 34.1 51.1
 151 71.6 57.8 86.8



#12
 1,1-Dichloroethene
 Concen: 42.042 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV027283.D
 Acq: 11 Aug 2022 13:23

Tgt Ion: 96 Resp: 80969
 Ion Ratio Lower Upper
 96 100
 61 185.1 114.3 212.3
 63 136.7 93.4 173.4





#13

Acetone

Concen: 116.248 ug/L

RT: 2.156 min Scan# 347

Delta R.T. -0.000 min

Lab File: VV027283.D

Acq: 11 Aug 2022 13:23

Instrument :

MSVOA_V

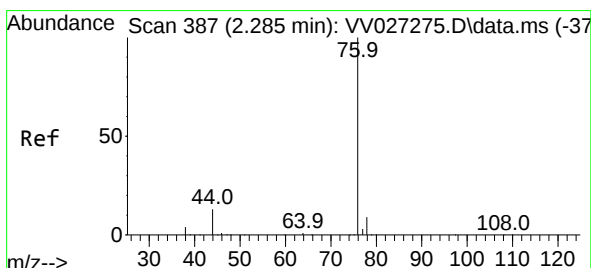
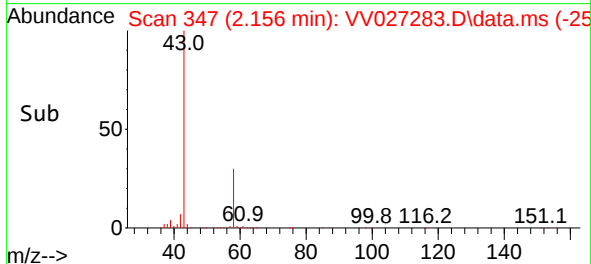
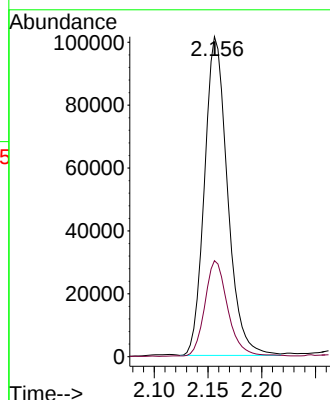
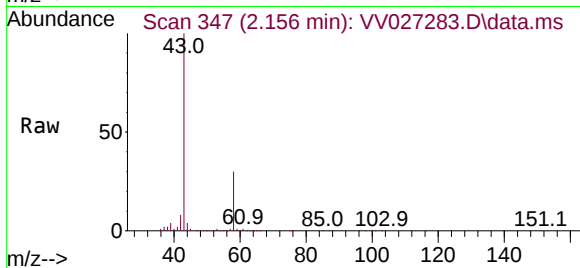
ClientSampleId :

Tgt Ion: 43 Resp: 151199

Ion Ratio Lower Upper

43 100

58 29.8 0.0 49.6



#14

Carbon disulfide

Concen: 40.156 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV027283.D

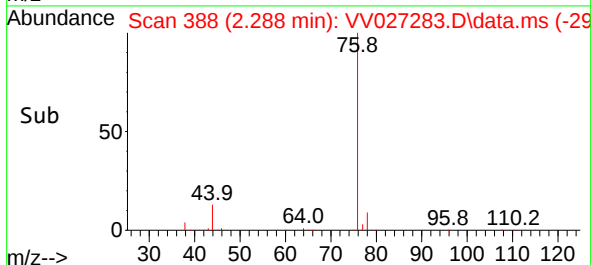
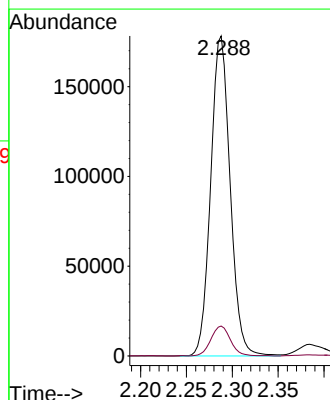
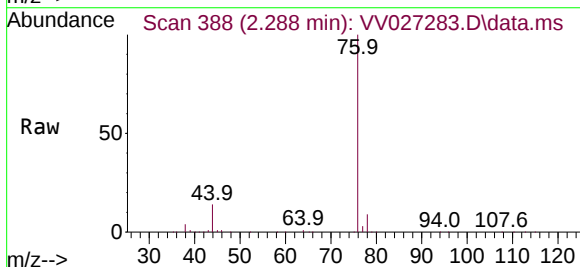
Acq: 11 Aug 2022 13:23

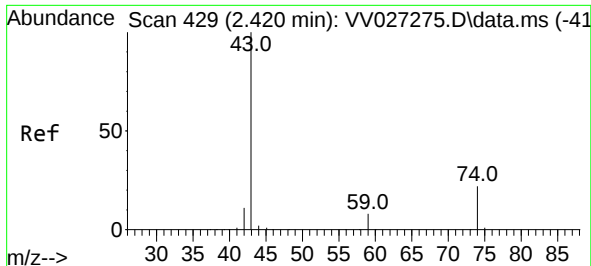
Tgt Ion: 76 Resp: 263213

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

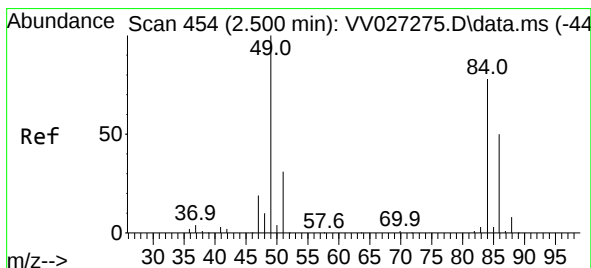
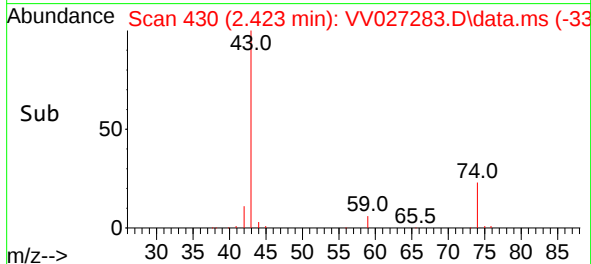
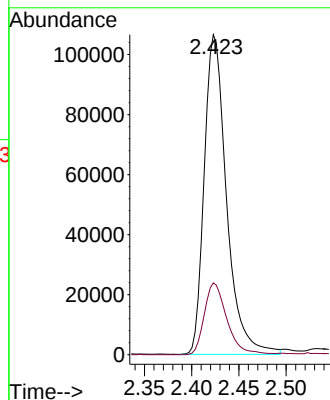
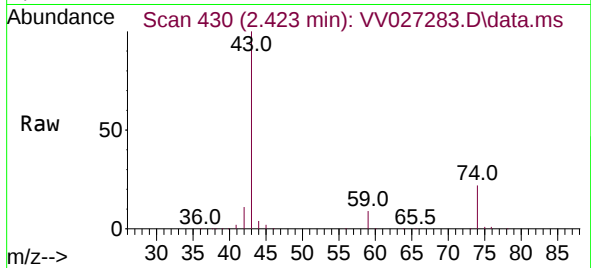




#15
Methyl Acetate
Concen: 59.230 ug/L
RT: 2.423 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV027283.D
Acq: 11 Aug 2022 13:23

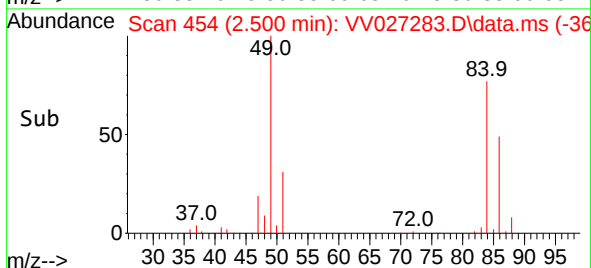
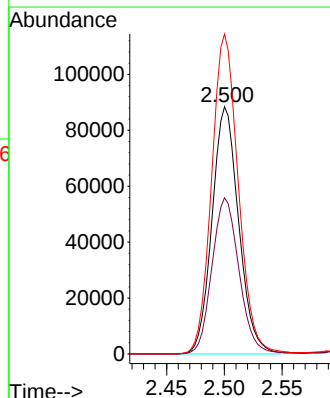
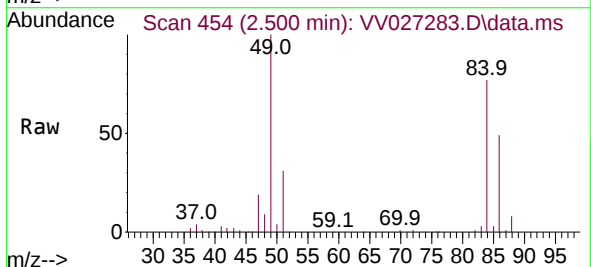
Instrument :
MSVOA_V
ClientSampleId :

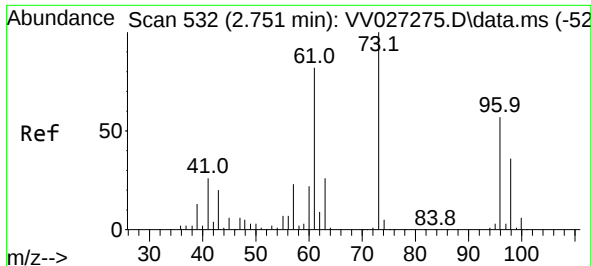
Tgt Ion: 43 Resp: 175222
Ion Ratio Lower Upper
43 100
74 22.7 25.5 38.3#



#16
Methylene chloride
Concen: 55.197 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV027283.D
Acq: 11 Aug 2022 13:23

Tgt Ion: 84 Resp: 141998
Ion Ratio Lower Upper
84 100
86 63.1 45.0 83.6
49 129.4 74.1 137.7

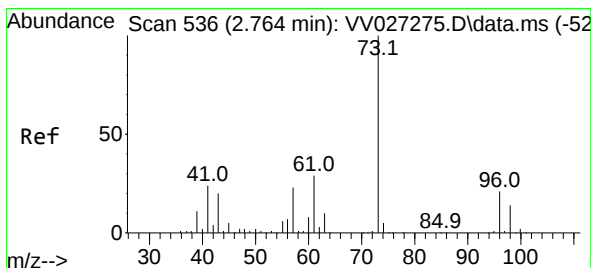
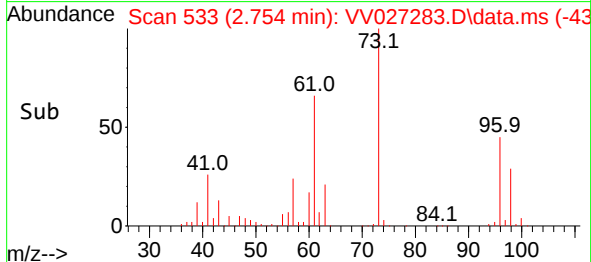
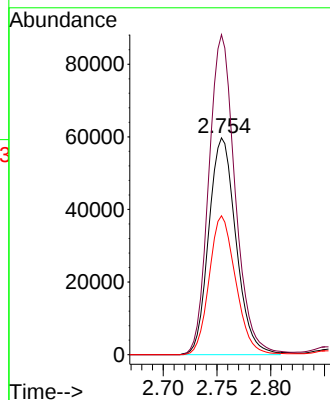
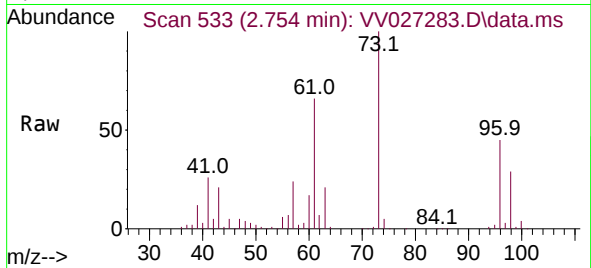




#17
trans-1,2-Dichloroethene
Concen: 49.473 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027283.D
Acq: 11 Aug 2022 13:23

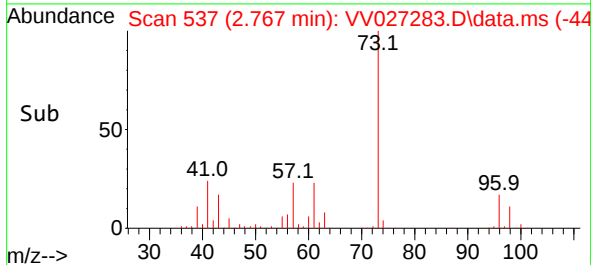
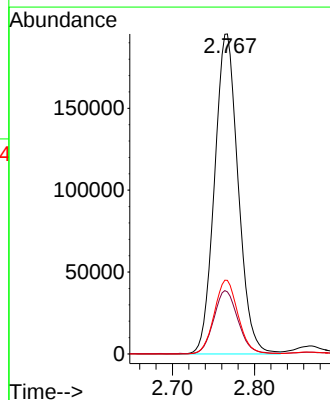
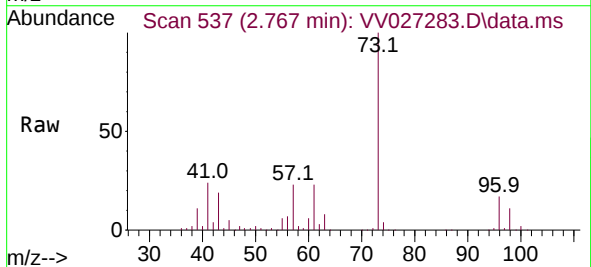
Instrument :
MSVOA_V
ClientSampleId :

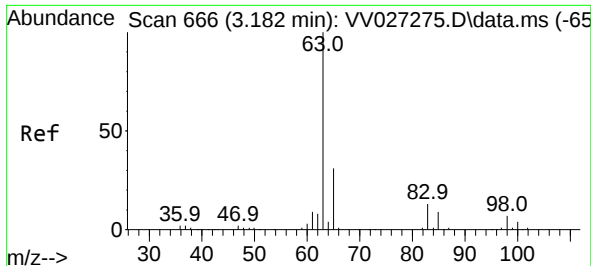
Tgt Ion: 96 Resp: 105439
Ion Ratio Lower Upper
96 100
61 147.6 89.2 165.6
98 64.1 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 61.677 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV027283.D
Acq: 11 Aug 2022 13:23

Tgt Ion: 73 Resp: 390950
Ion Ratio Lower Upper
73 100
43 20.2 12.6 18.8#
57 23.2 17.3 25.9





#19

1,1-Dichloroethane

Concen: 54.026 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.000 min

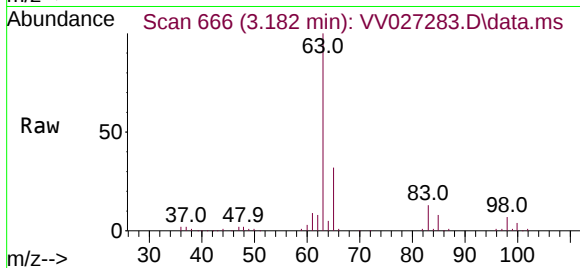
Lab File: VV027283.D

Acq: 11 Aug 2022 13:23

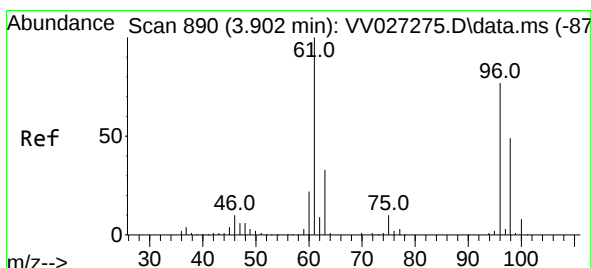
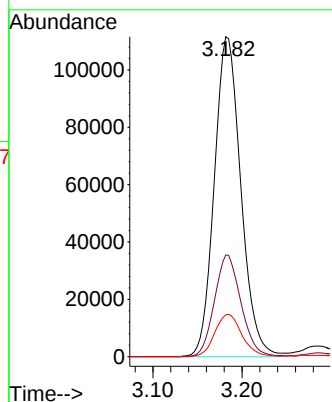
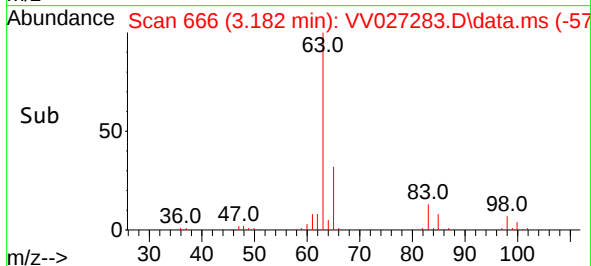
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	63	Resp:	231144
Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.7	42.3
83	13.1	9.5	17.7



#20

cis-1,2-Dichloroethene

Concen: 55.916 ug/L

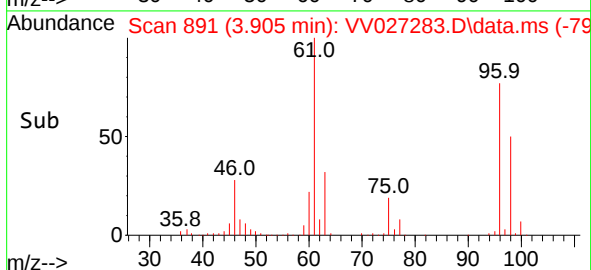
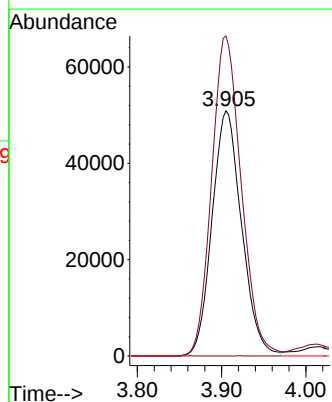
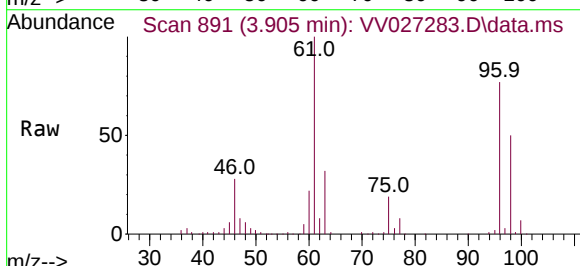
RT: 3.905 min Scan# 891

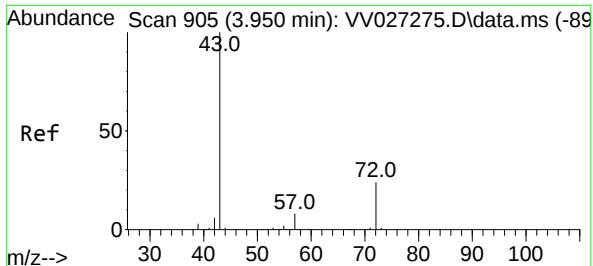
Delta R.T. 0.003 min

Lab File: VV027283.D

Acq: 11 Aug 2022 13:23

Tgt Ion:	96	Resp:	123797
Ion	Ratio	Lower	Upper
96	100		
61	130.6	81.8	151.8
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 131.613 ug/L

RT: 3.953 min Scan# 905

Delta R.T. 0.003 min

Lab File: VV027283.D

Acq: 11 Aug 2022 13:23

Instrument :

MSVOA_V

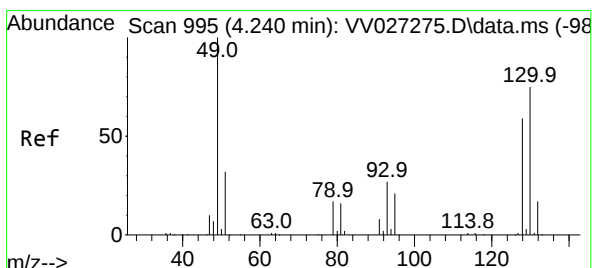
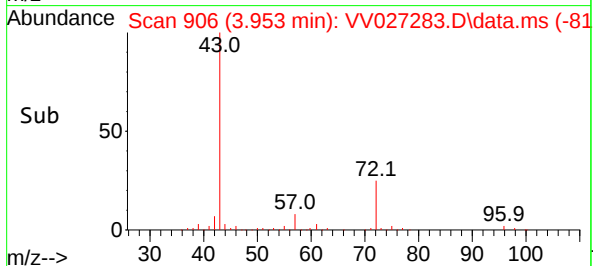
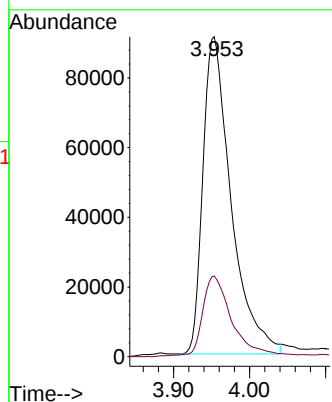
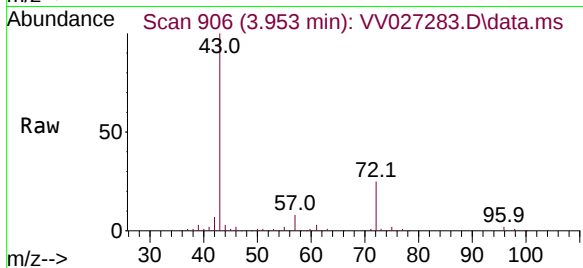
ClientSampleId :

Tgt Ion: 43 Resp: 234687

Ion Ratio Lower Upper

43 100

72 26.7 11.9 35.7



#23

Bromochloromethane

Concen: 57.792 ug/L

RT: 4.240 min Scan# 995

Delta R.T. -0.000 min

Lab File: VV027283.D

Acq: 11 Aug 2022 13:23

Tgt Ion:128 Resp: 71451

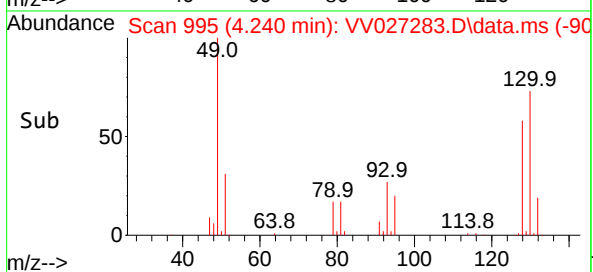
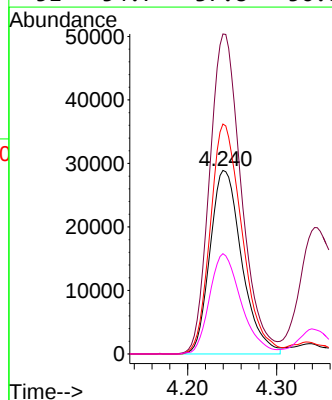
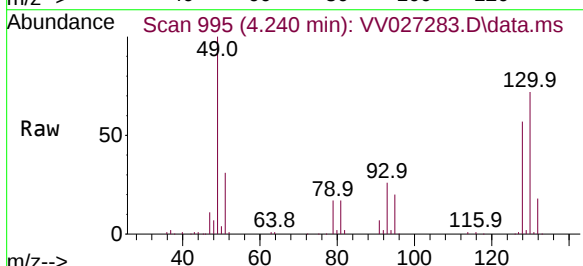
Ion Ratio Lower Upper

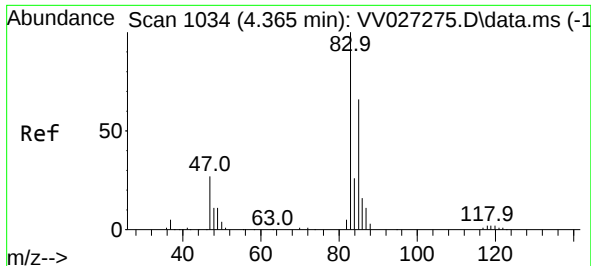
128 100

49 174.4 98.7 183.3

130 125.4 89.5 166.1

51 54.7 37.8 56.8

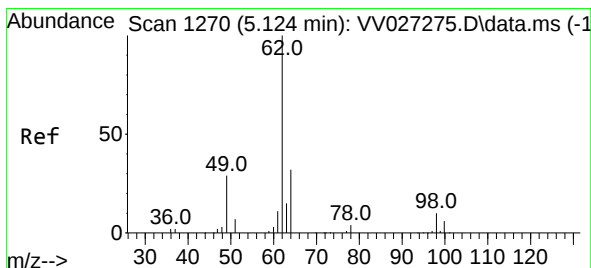
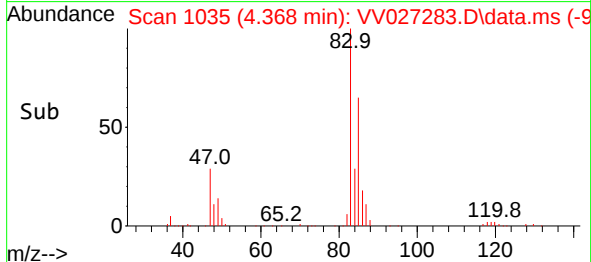
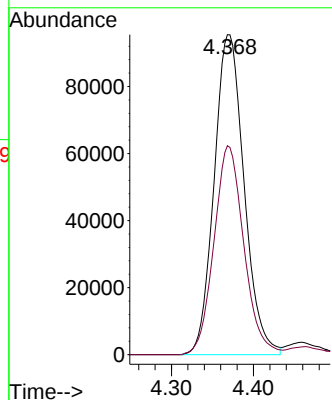
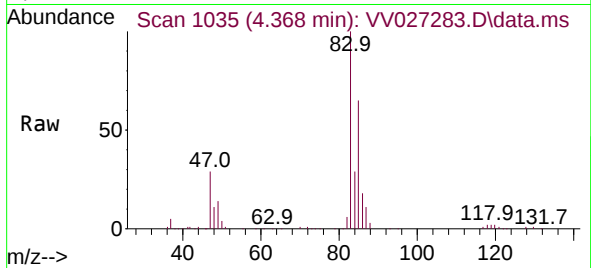




#25
Chloroform
Concen: 56.146 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VV027283.D
Acq: 11 Aug 2022 13:23

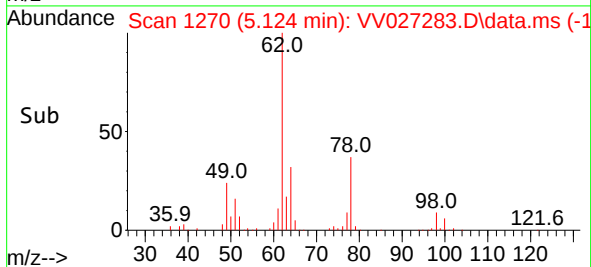
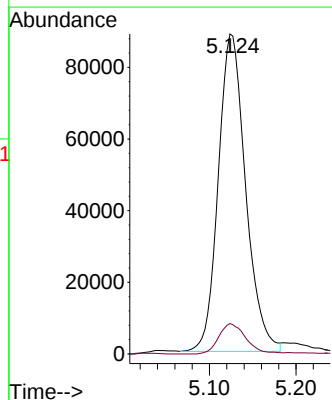
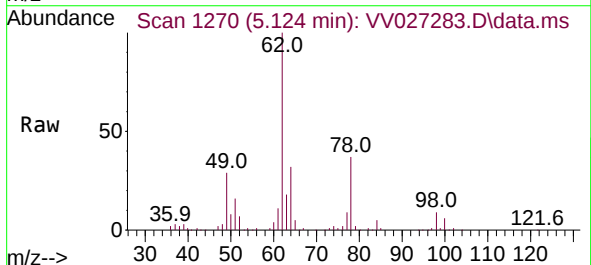
Instrument :
MSVOA_V
ClientSampleId :

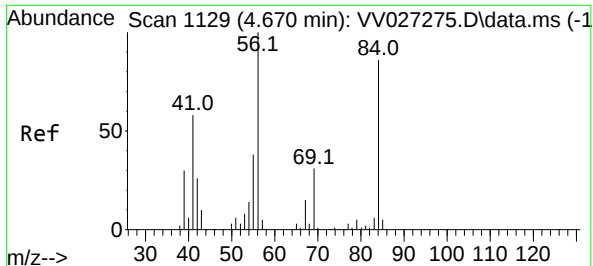
Tgt Ion: 83 Resp: 242764
Ion Ratio Lower Upper
83 100
85 65.3 45.4 84.4



#27
1,2-Dichloroethane
Concen: 57.766 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VV027283.D
Acq: 11 Aug 2022 13:23

Tgt Ion: 62 Resp: 194526
Ion Ratio Lower Upper
62 100
98 9.5 9.0 13.6





#29

Cyclohexane

Concen: 38.511 ug/L

RT: 4.674 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV027283.D

Acq: 11 Aug 2022 13:23

Instrument :

MSVOA_V

ClientSampleId :

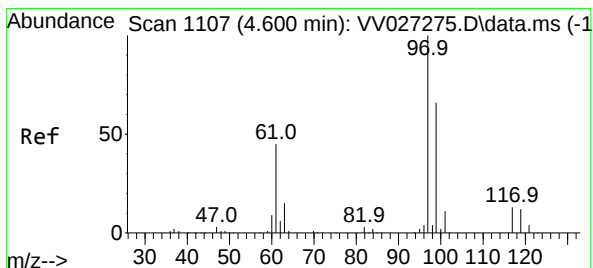
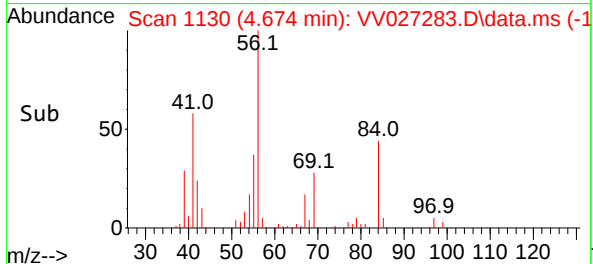
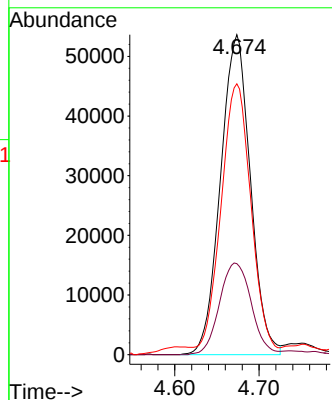
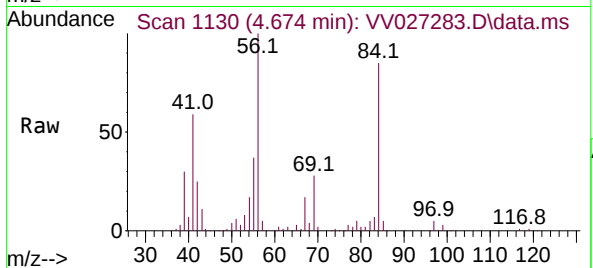
Tgt Ion: 56 Resp: 131995

Ion Ratio Lower Upper

56 100

69 30.4 25.9 38.9

84 81.1 75.3 112.9



#30

1,1,1-Trichloroethane

Concen: 45.488 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV027283.D

Acq: 11 Aug 2022 13:23

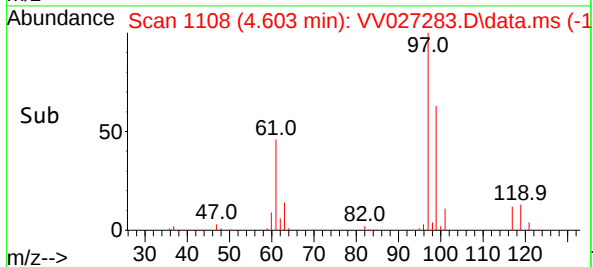
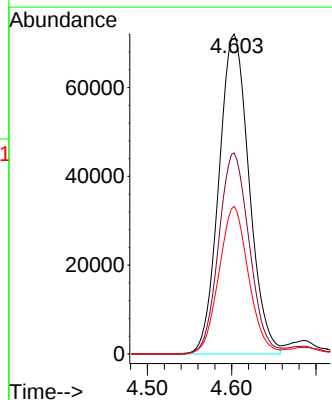
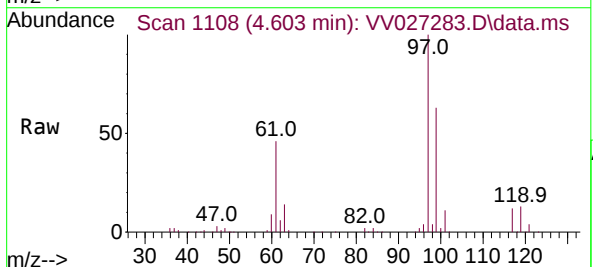
Tgt Ion: 97 Resp: 179435

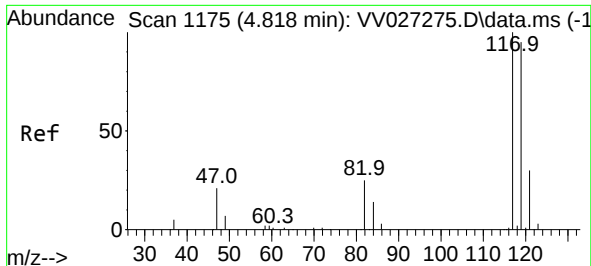
Ion Ratio Lower Upper

97 100

99 63.6 51.4 77.2

61 45.1 32.1 48.1

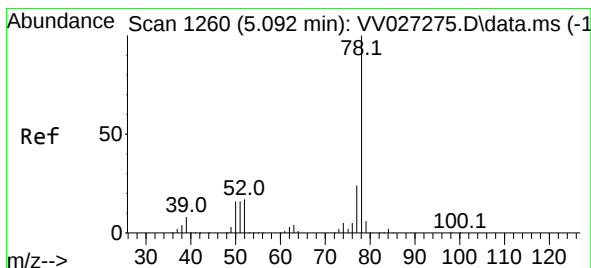
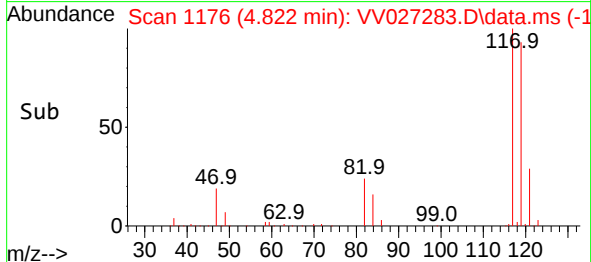
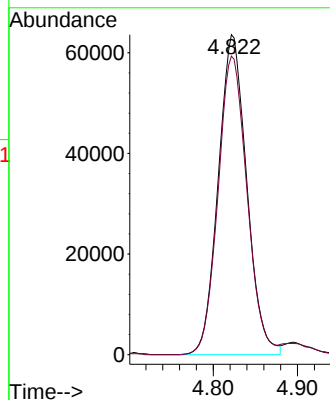
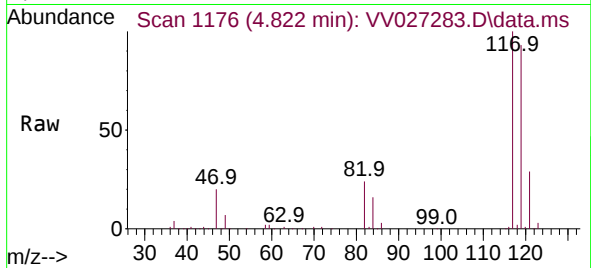




#31
Carbon tetrachloride
Concen: 43.525 ug/L
RT: 4.822 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV027283.D
Acq: 11 Aug 2022 13:23

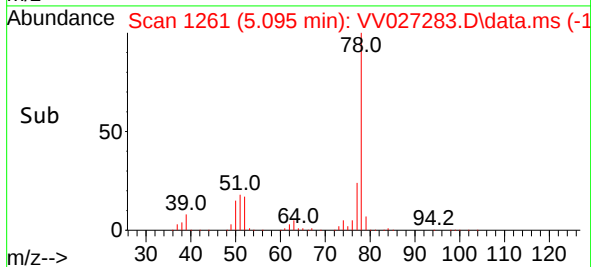
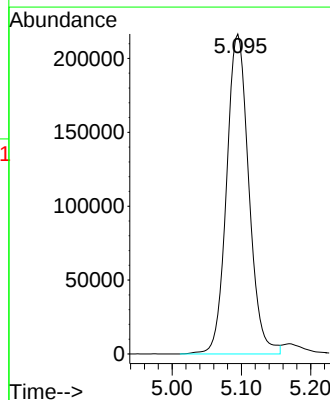
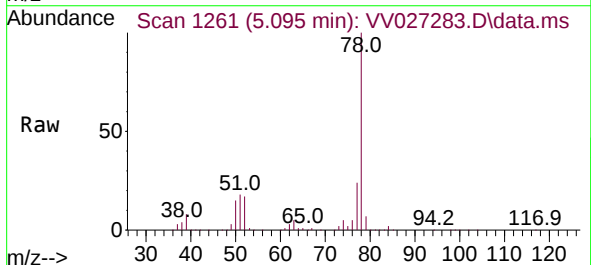
Instrument :
MSVOA_V
ClientSampleId :

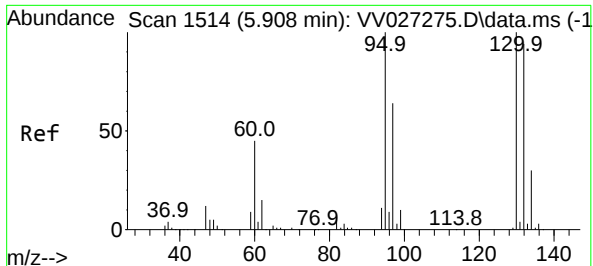
Tgt Ion:117 Resp: 149062
Ion Ratio Lower Upper
117 100
119 94.8 77.0 115.6



#33
Benzene
Concen: 50.523 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV027283.D
Acq: 11 Aug 2022 13:23

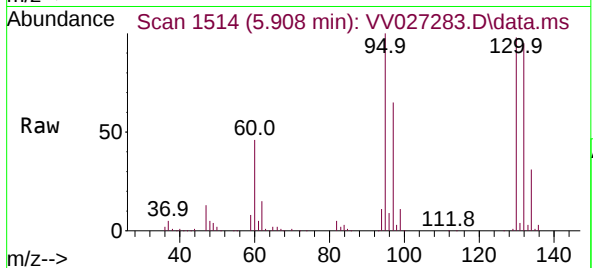
Tgt Ion: 78 Resp: 483187



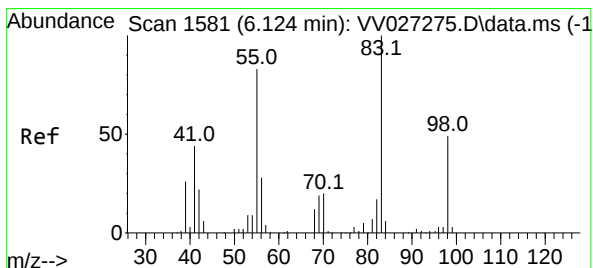
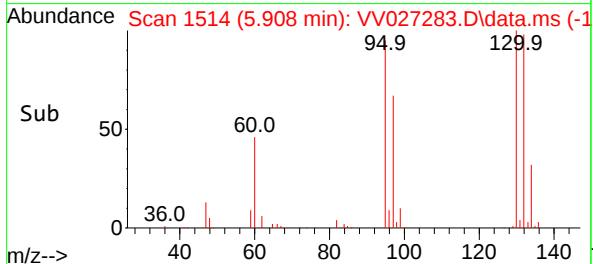
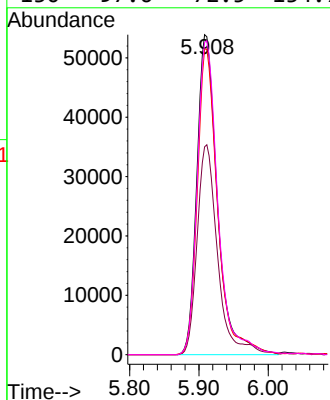


#34
Trichloroethene
Concen: 45.559 ug/L
RT: 5.908 min Scan# 111565
Delta R.T. -0.000 min
Lab File: VV027283.D
Acq: 11 Aug 2022 13:23

Instrument :
MSVOA_V
ClientSampleId :

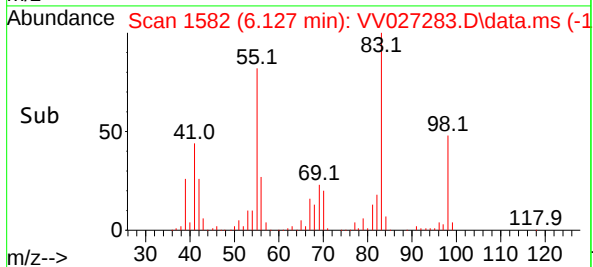
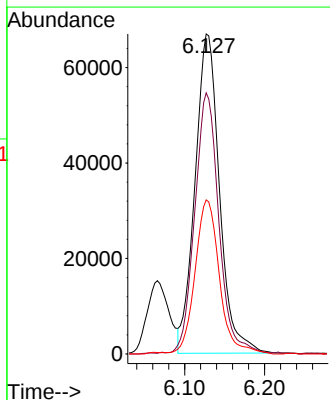
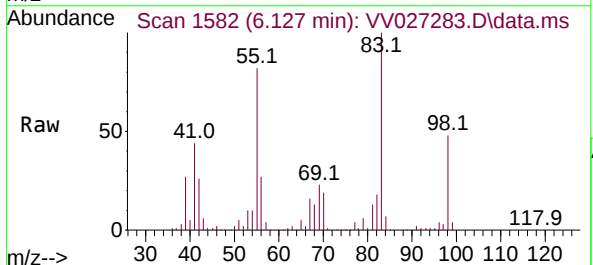


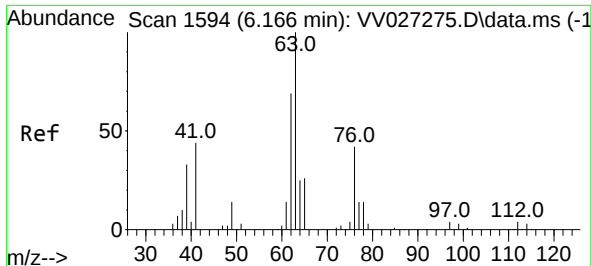
Tgt Ion: 95 Resp: 111565
Ion Ratio Lower Upper
95 100
97 64.9 45.9 85.3
132 95.4 69.8 129.6
130 97.6 72.5 134.7



#35
Methylcyclohexane
Concen: 39.663 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV027283.D
Acq: 11 Aug 2022 13:23

Tgt Ion: 83 Resp: 142818
Ion Ratio Lower Upper
83 100
55 80.7 55.5 83.3
98 48.0 39.0 58.4





#37

1,2-Dichloropropane

Concen: 54.234 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027283.D

Acq: 11 Aug 2022 13:23

Instrument :

MSVOA_V

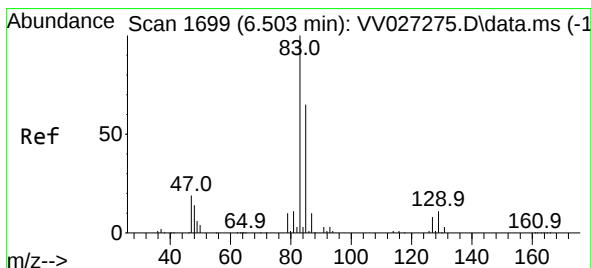
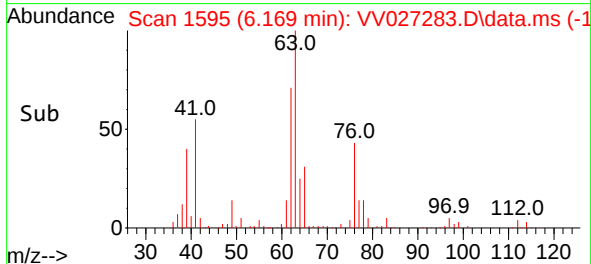
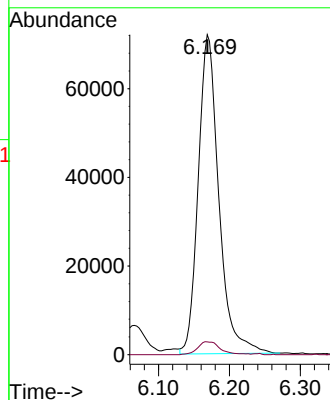
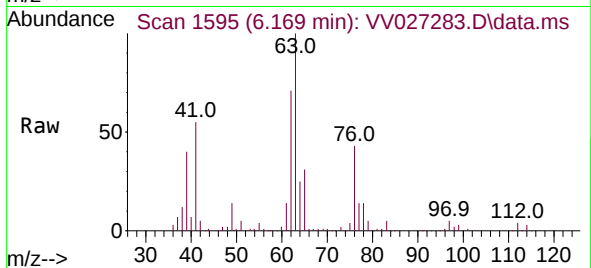
ClientSampleId :

Tgt Ion: 63 Resp: 145311

Ion Ratio Lower Upper

63 100

112 4.3 3.7 5.5



#38

Bromodichloromethane

Concen: 54.669 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV027283.D

Acq: 11 Aug 2022 13:23

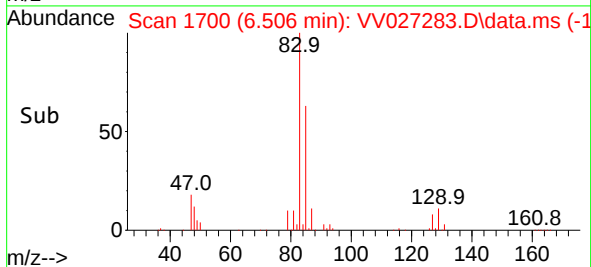
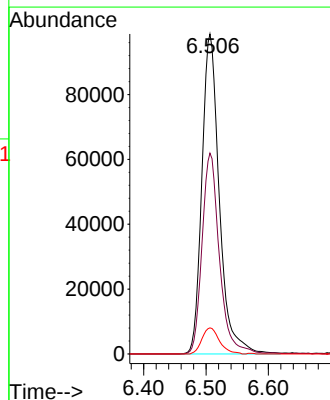
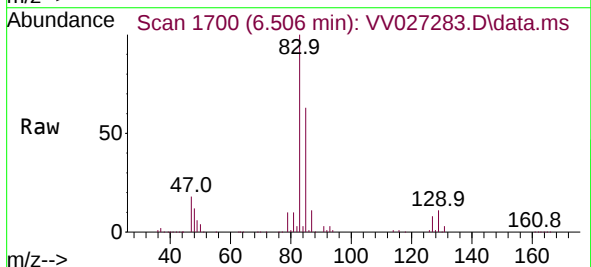
Tgt Ion: 83 Resp: 191922

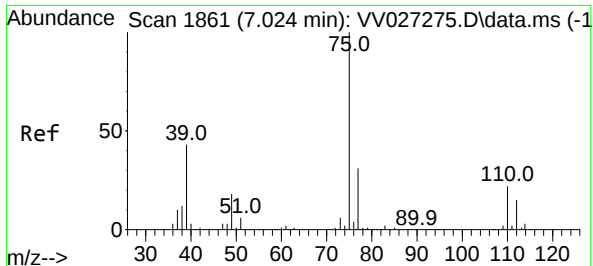
Ion Ratio Lower Upper

83 100

85 62.8 45.5 84.5

127 8.1 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 54.074 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV027283.D

Acq: 11 Aug 2022 13:23

Instrument :

MSVOA_V

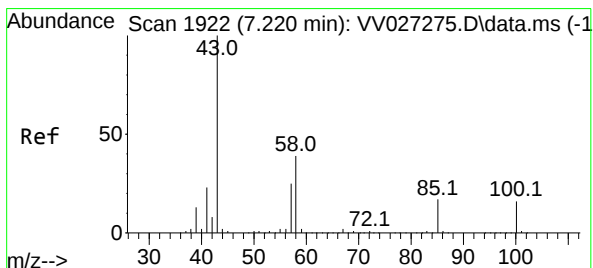
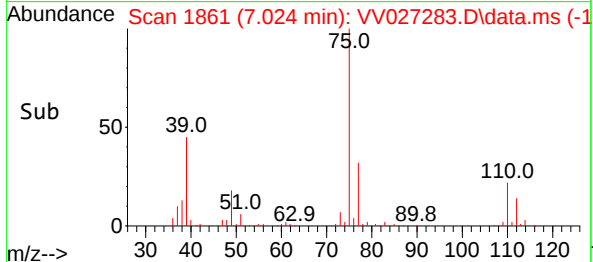
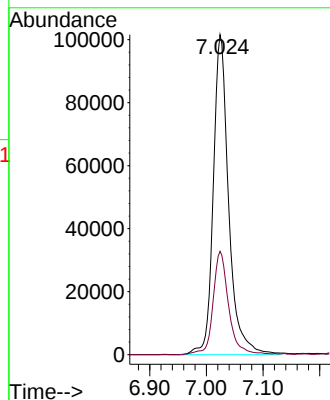
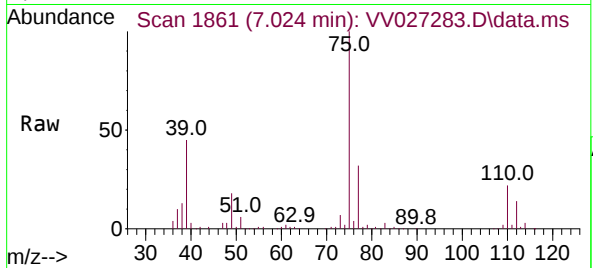
ClientSampleId :

Tgt Ion: 75 Resp: 191912

Ion Ratio Lower Upper

75 100

77 32.3 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 123.555 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV027283.D

Acq: 11 Aug 2022 13:23

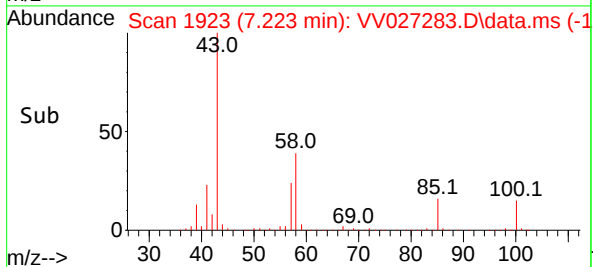
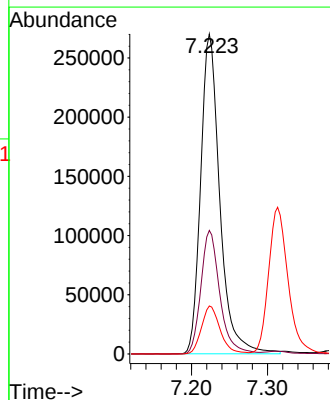
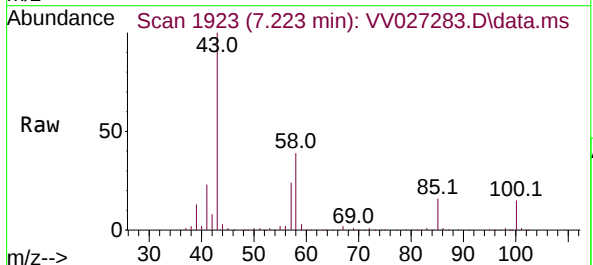
Tgt Ion: 43 Resp: 472260

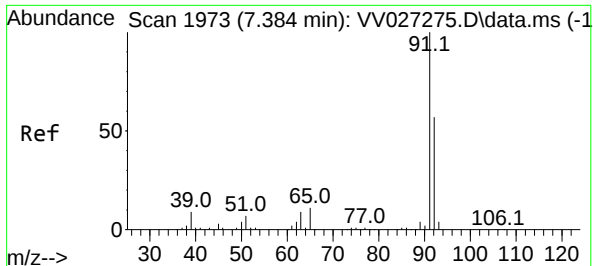
Ion Ratio Lower Upper

43 100

58 38.1 35.3 52.9

100 14.7 15.7 23.5

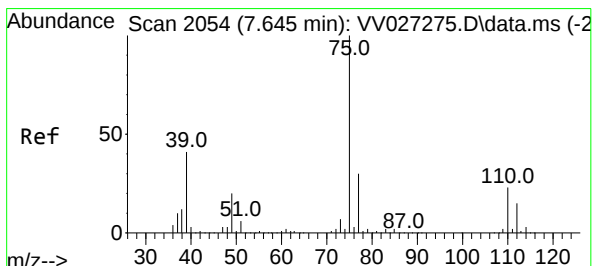
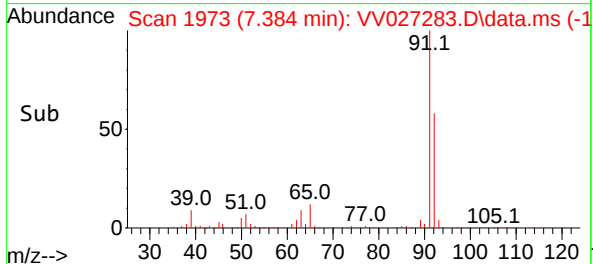
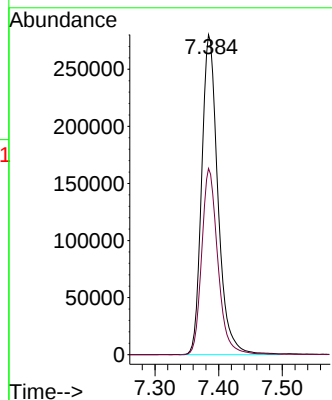
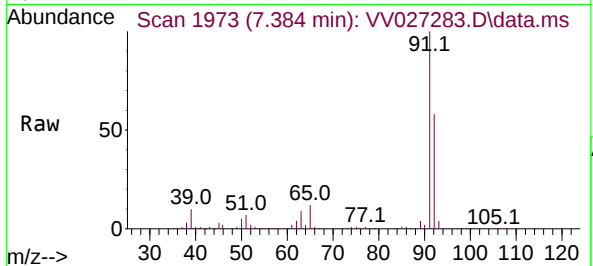




#42
Toluene
Concen: 51.175 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VV027283.D
Acq: 11 Aug 2022 13:23

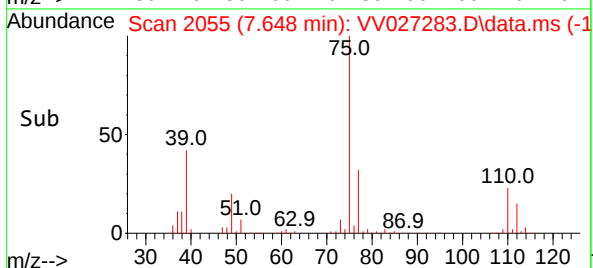
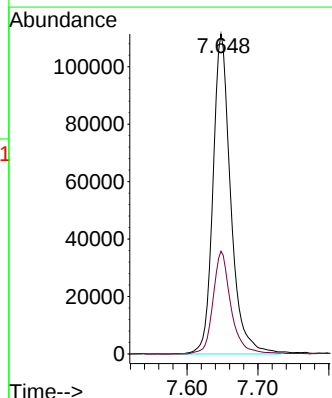
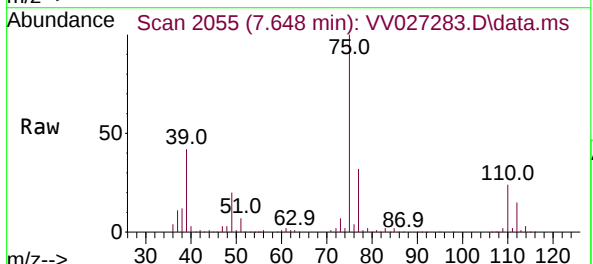
Instrument :
MSVOA_V
ClientSampleId :

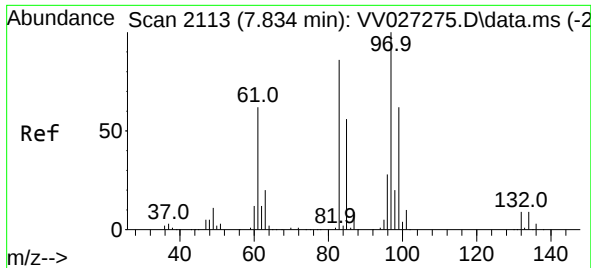
Tgt Ion: 91 Resp: 497617
Ion Ratio Lower Upper
91 100
92 58.2 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 55.628 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.003 min
Lab File: VV027283.D
Acq: 11 Aug 2022 13:23

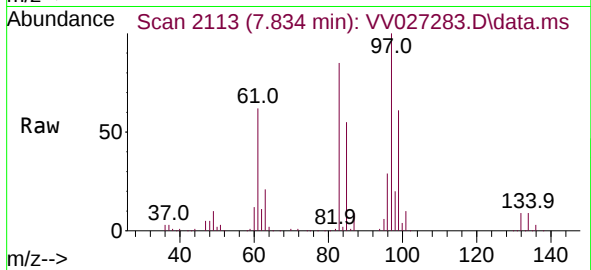
Tgt Ion: 75 Resp: 194016
Ion Ratio Lower Upper
75 100
77 32.1 22.0 41.0



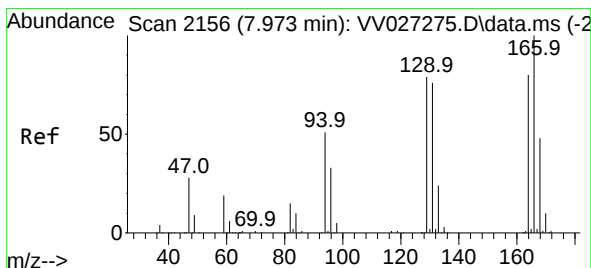
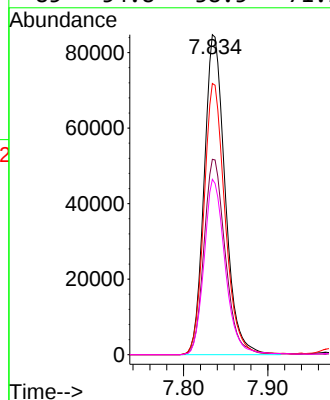
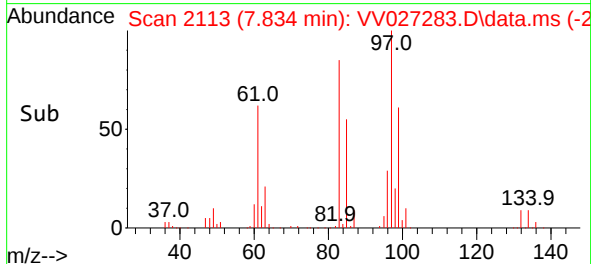


#45
 1,1,2-Trichloroethane
 Concen: 56.819 ug/L
 RT: 7.834 min Scan# 2113
 Delta R.T. -0.000 min
 Lab File: VV027283.D
 Acq: 11 Aug 2022 13:23

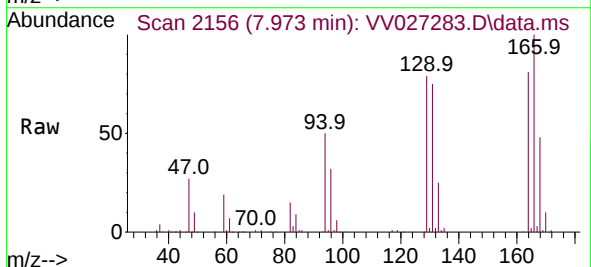
Instrument :
 MSVOA_V
 ClientSampleId :



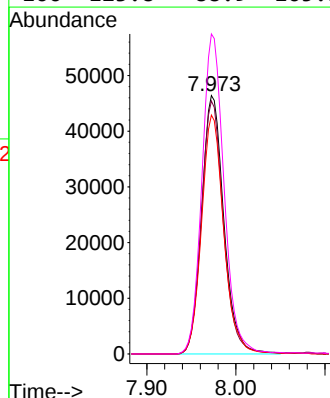
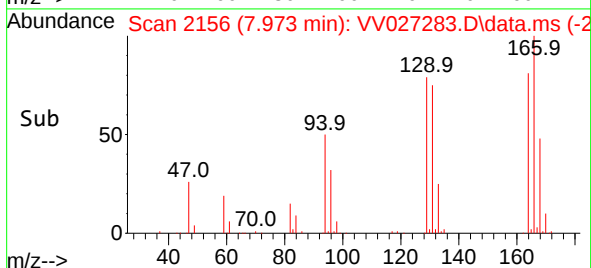
Tgt Ion:	97	Resp:	146727
Ion	Ratio	Lower	Upper
97	100		
99	61.1	43.2	80.2
83	84.7	58.0	107.6
85	54.8	38.5	71.5

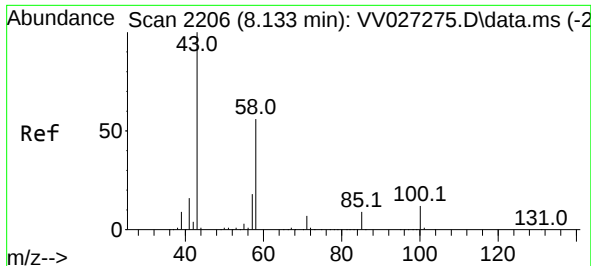


#46
 Tetrachloroethene
 Concen: 44.961 ug/L
 RT: 7.973 min Scan# 2156
 Delta R.T. -0.000 min
 Lab File: VV027283.D
 Acq: 11 Aug 2022 13:23



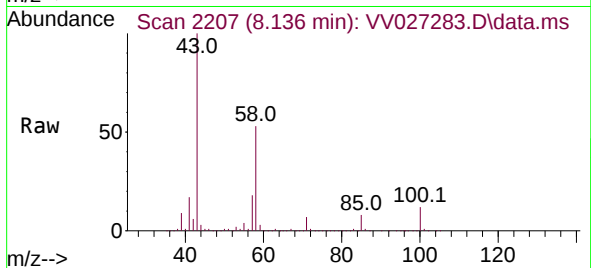
Tgt Ion:	164	Resp:	80585
Ion	Ratio	Lower	Upper
164	100		
129	97.9	67.5	125.4
131	92.4	64.3	119.3
166	123.8	88.9	165.1



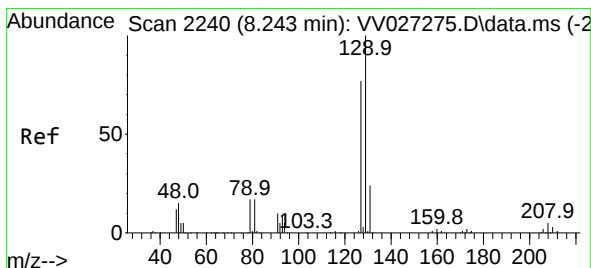
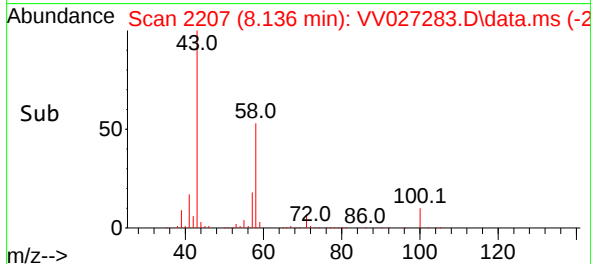
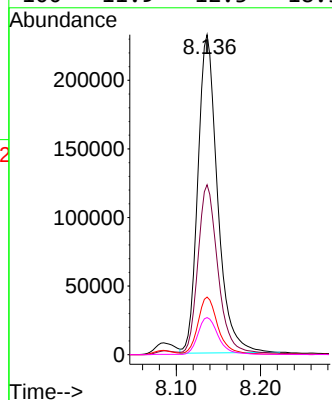


#48
2-Hexanone
Concen: 124.172 ug/L
RT: 8.136 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027283.D
Acq: 11 Aug 2022 13:23

Instrument :
MSVOA_V
ClientSampleId :

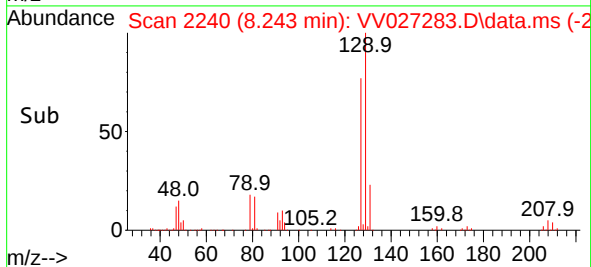
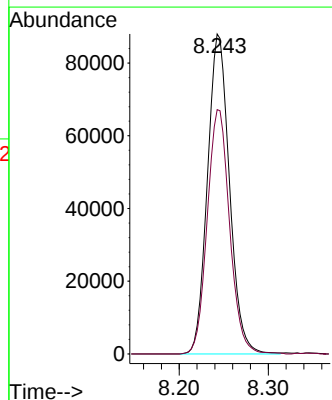
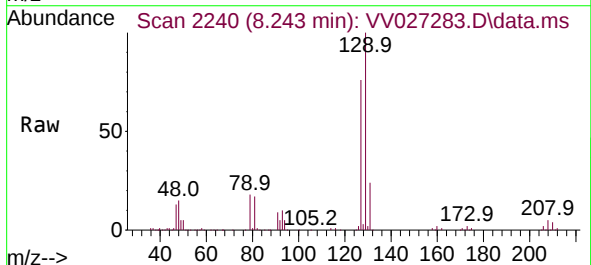


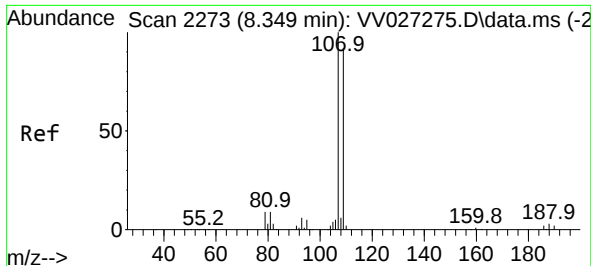
Tgt Ion: 43 Resp: 378005
Ion Ratio Lower Upper
43 100
58 54.8 50.8 76.2
57 18.4 17.1 25.7
100 11.9 12.3 18.5#



#49
Dibromochloromethane
Concen: 55.248 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV027283.D
Acq: 11 Aug 2022 13:23

Tgt Ion: 129 Resp: 150811
Ion Ratio Lower Upper
129 100
127 76.4 53.3 98.9





#50

1,2-Dibromoethane

Concen: 56.015 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV027283.D

Acq: 11 Aug 2022 13:23

Instrument :

MSVOA_V

ClientSampleId :

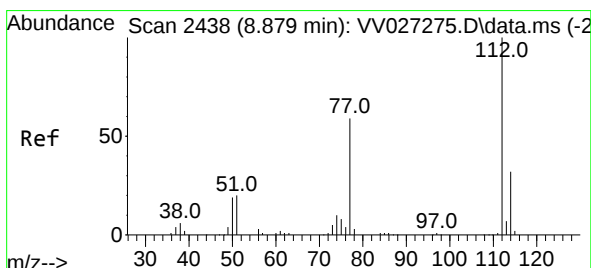
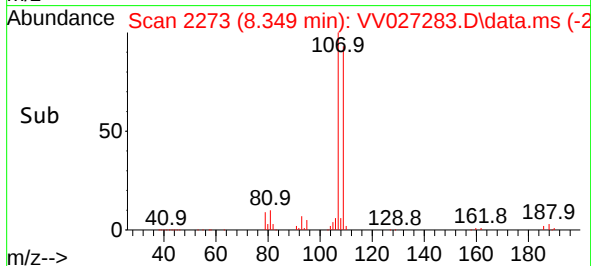
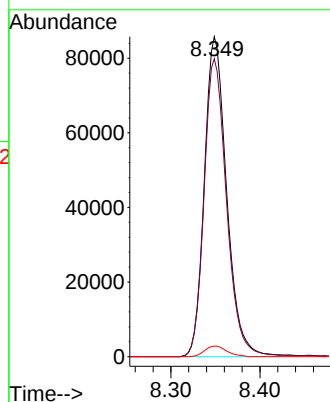
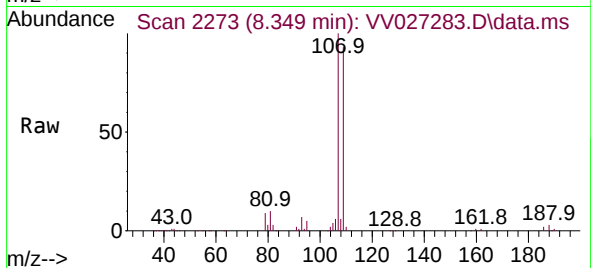
Tgt Ion:107 Resp: 148839

Ion Ratio Lower Upper

107 100

109 93.1 65.7 121.9

188 3.3 2.7 4.1



#51

Chlorobenzene

Concen: 49.231 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV027283.D

Acq: 11 Aug 2022 13:23

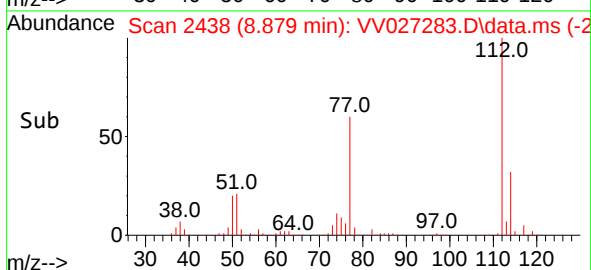
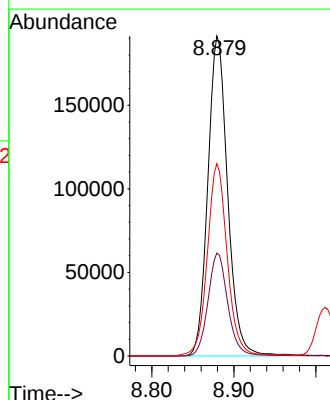
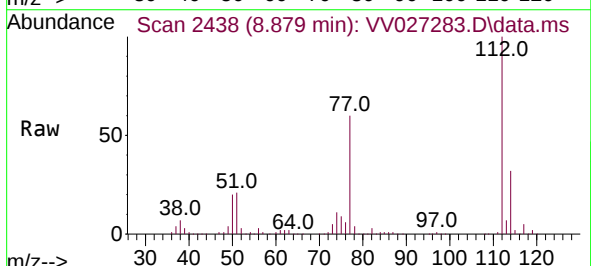
Tgt Ion:112 Resp: 321097

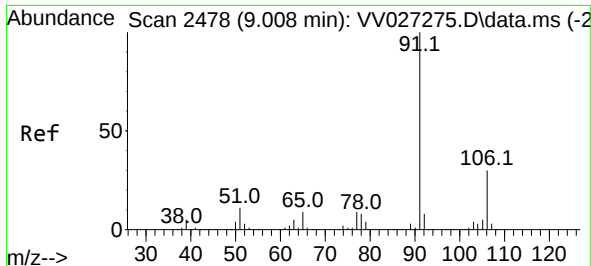
Ion Ratio Lower Upper

112 100

114 32.2 22.8 42.4

77 60.1 44.2 66.2

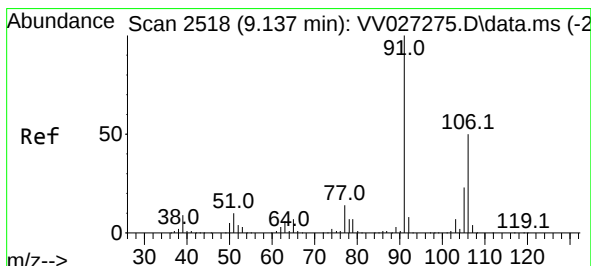
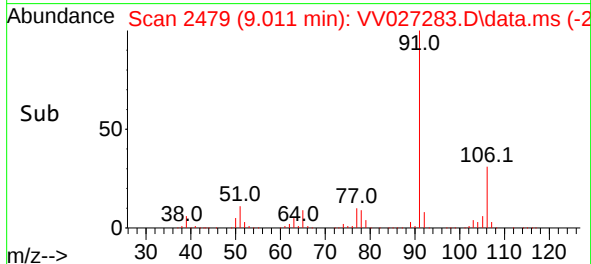
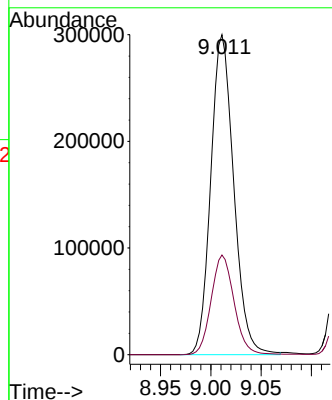
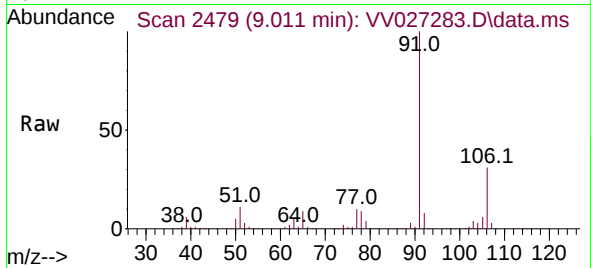




#52
Ethylbenzene
Concen: 47.538 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV027283.D
Acq: 11 Aug 2022 13:23

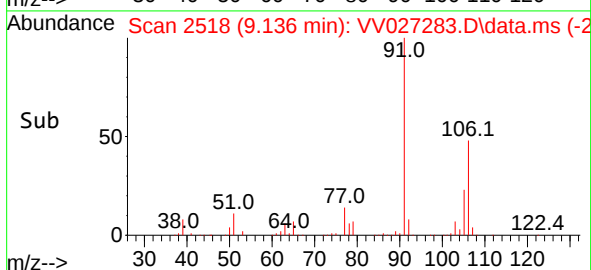
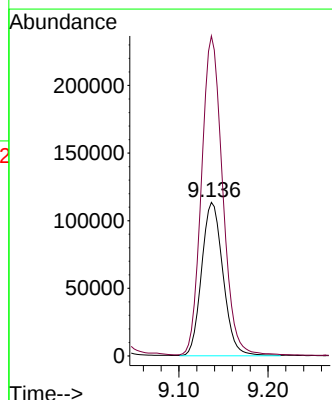
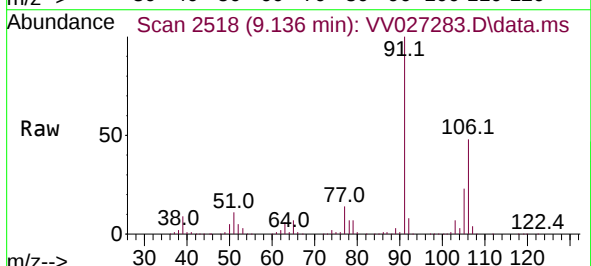
Instrument :
MSVOA_V
ClientSampleId :

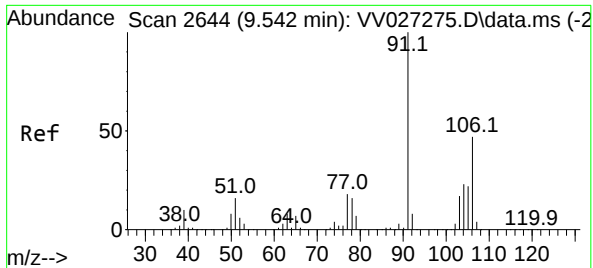
Tgt Ion: 91 Resp: 476981
Ion Ratio Lower Upper
91 100
106 31.2 21.8 40.6



#53
m,p-Xylene
Concen: 49.905 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV027283.D
Acq: 11 Aug 2022 13:23

Tgt Ion: 106 Resp: 189243
Ion Ratio Lower Upper
106 100
91 208.3 137.5 255.3

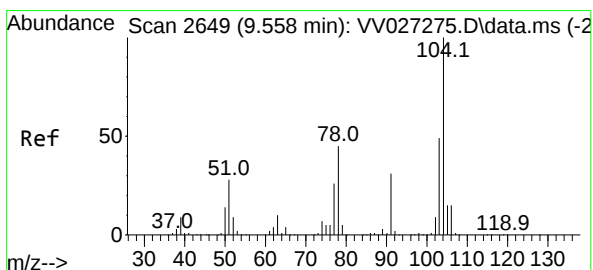
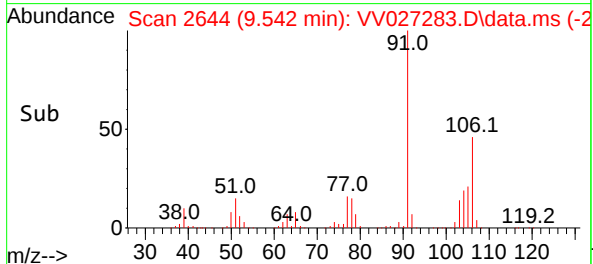
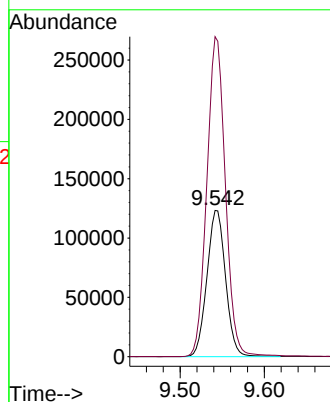
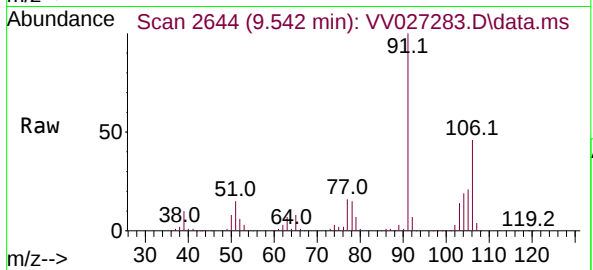




#54
o-Xylene
Concen: 51.459 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027283.D
Acq: 11 Aug 2022 13:23

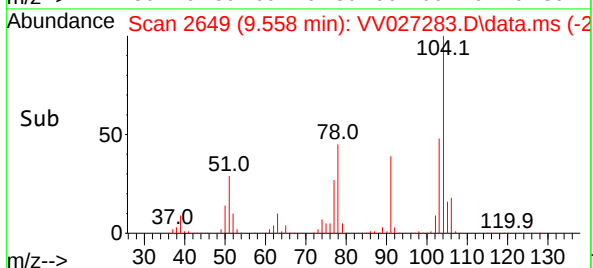
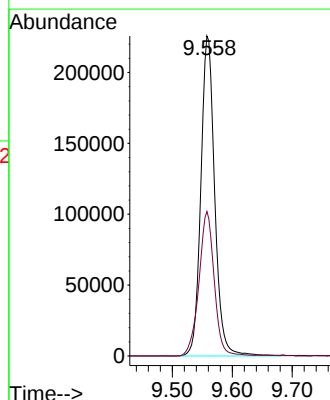
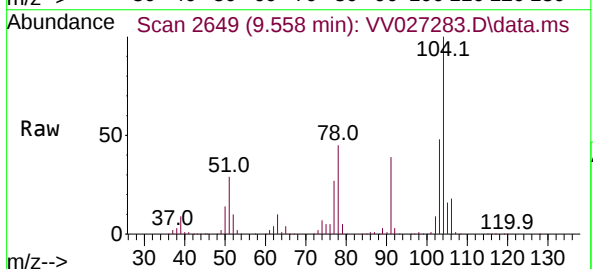
Instrument :
MSVOA_V
ClientSampleId :

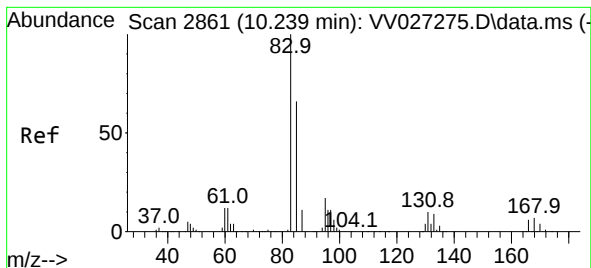
Tgt Ion:106 Resp: 190108
Ion Ratio Lower Upper
106 100
91 218.7 146.6 272.2



#55
Styrene
Concen: 56.017 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV027283.D
Acq: 11 Aug 2022 13:23

Tgt Ion:104 Resp: 364555
Ion Ratio Lower Upper
104 100
78 45.2 29.6 55.0

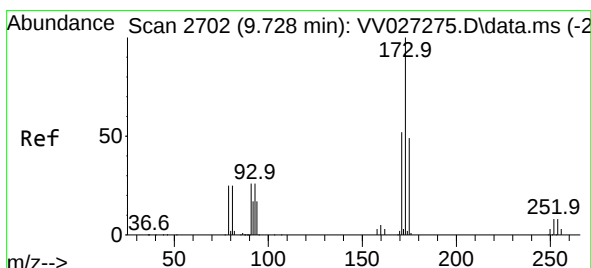
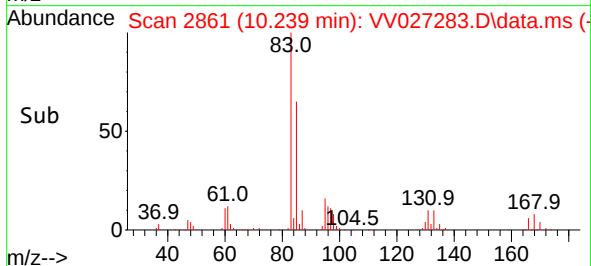
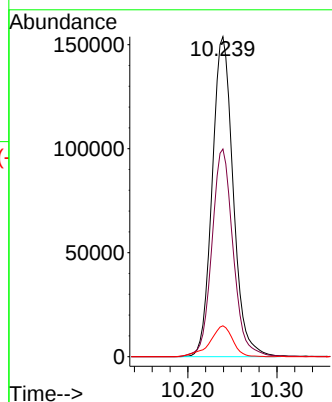
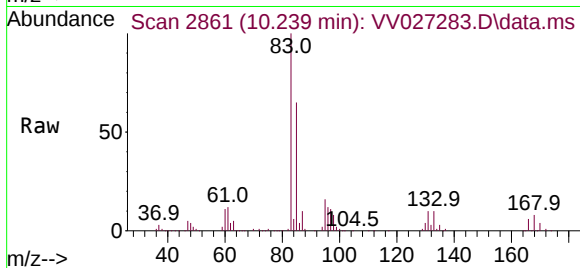




#57
 1,1,2,2-Tetrachloroethane
 Concen: 58.281 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV027283.D
 Acq: 11 Aug 2022 13:23

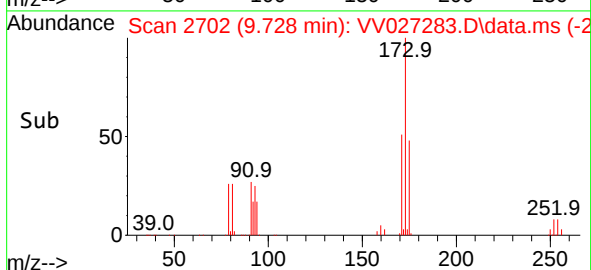
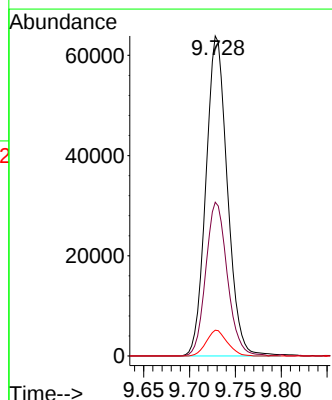
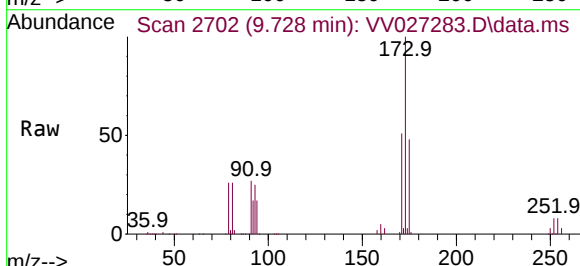
Instrument :
 MSVOA_V
 ClientSampleId :

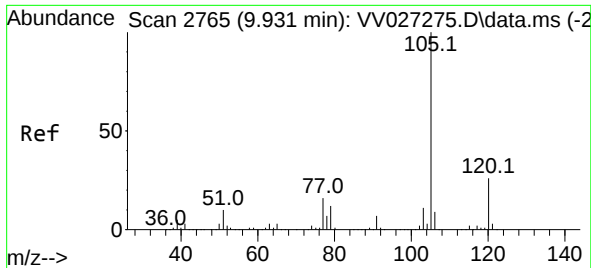
Tgt Ion: 83 Resp: 252129
 Ion Ratio Lower Upper
 83 100
 85 64.9 45.2 84.0
 131 9.7 8.1 12.1



#59
 Bromoform
 Concen: 55.277 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.000 min
 Lab File: VV027283.D
 Acq: 11 Aug 2022 13:23

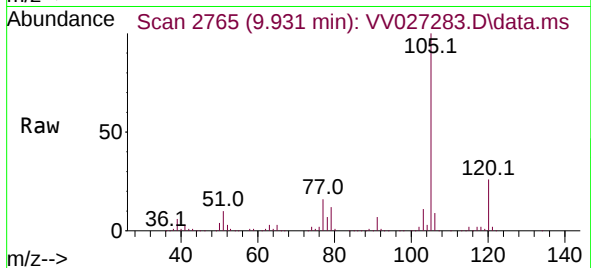
Tgt Ion: 173 Resp: 104117
 Ion Ratio Lower Upper
 173 100
 175 48.2 39.0 58.4
 254 7.9 6.9 10.3



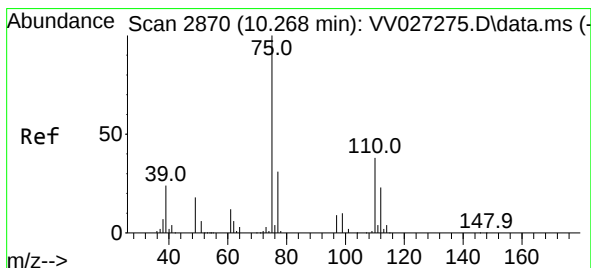
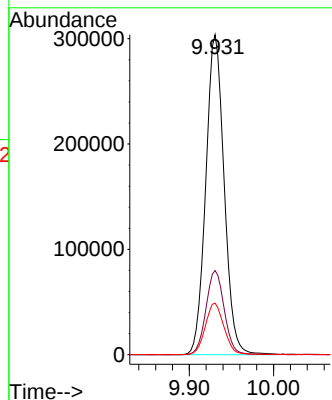
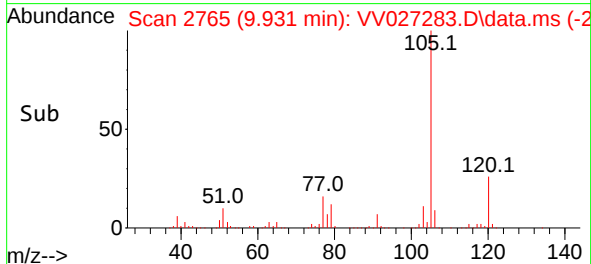


#60
Isopropylbenzene
Concen: 46.170 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027283.D
Acq: 11 Aug 2022 13:23

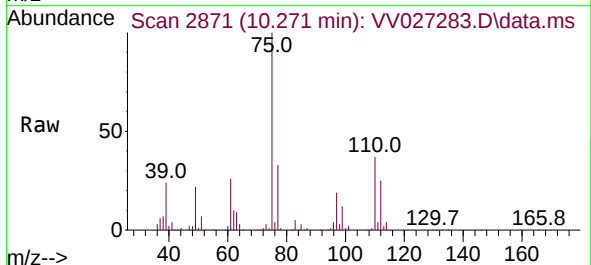
Instrument :
MSVOA_V
ClientSampleId :



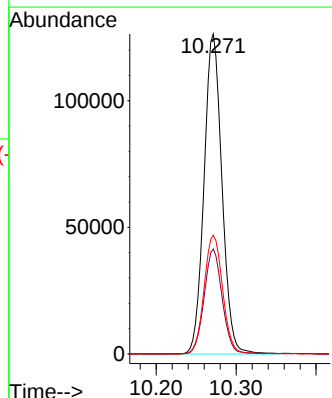
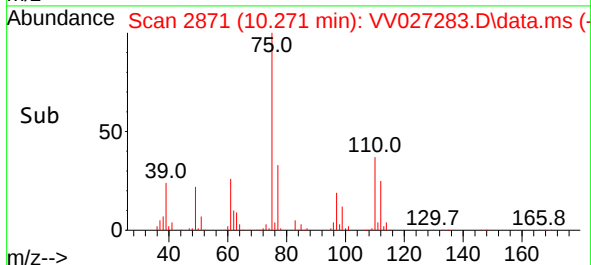
Tgt Ion:105 Resp: 461276
Ion Ratio Lower Upper
105 100
120 26.2 21.4 32.0
77 16.3 11.8 17.6

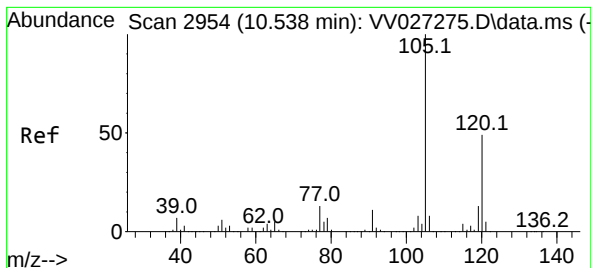


#61
1,2,3-Trichloropropane
Concen: 54.265 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV027283.D
Acq: 11 Aug 2022 13:23



Tgt Ion: 75 Resp: 197504
Ion Ratio Lower Upper
75 100
77 33.0 25.8 38.8
110 38.4 32.7 49.1





#62

1,3,5-Trimethylbenzene

Concen: 46.894 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV027283.D

Acq: 11 Aug 2022 13:23

Instrument :

MSVOA_V

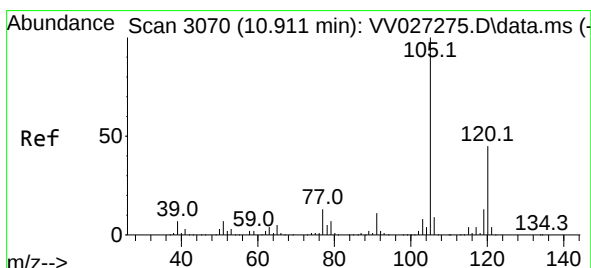
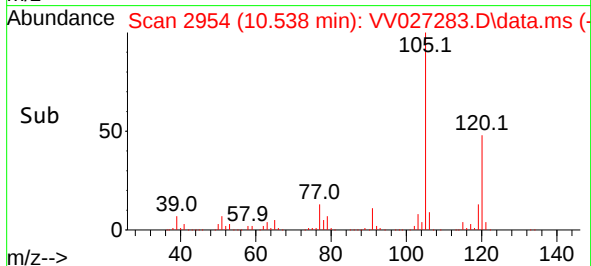
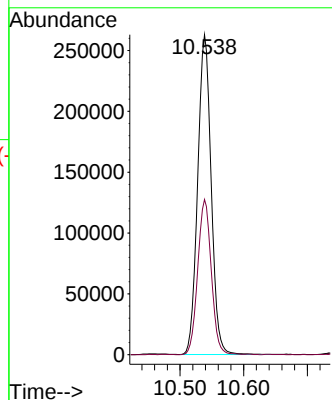
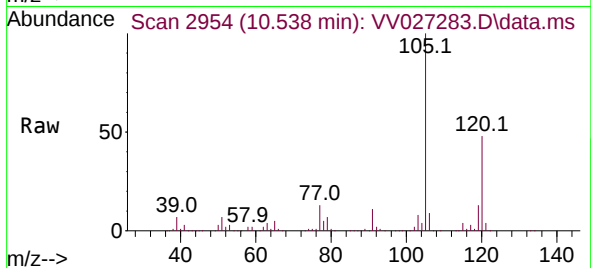
ClientSampleId :

Tgt Ion:105 Resp: 386911

Ion Ratio Lower Upper

105 100

120 48.8 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 49.071 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV027283.D

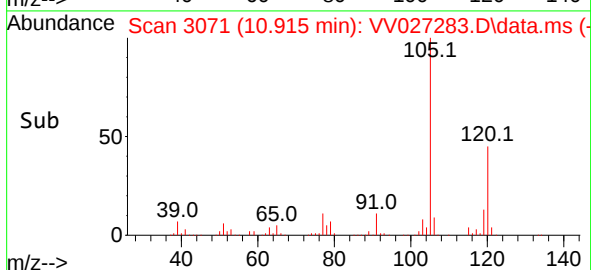
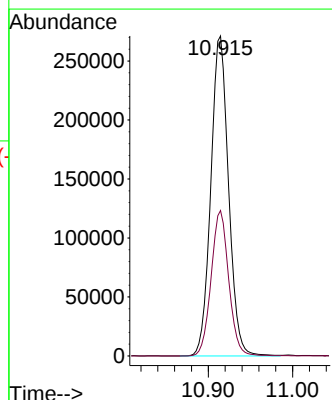
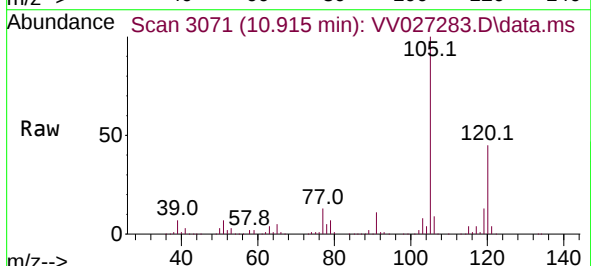
Acq: 11 Aug 2022 13:23

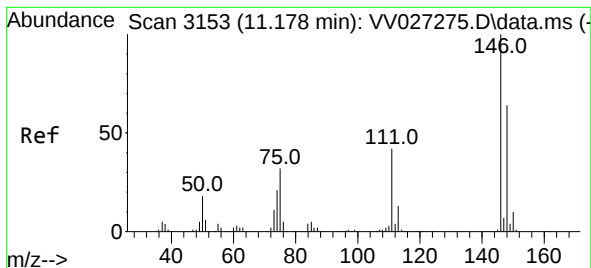
Tgt Ion:105 Resp: 396622

Ion Ratio Lower Upper

105 100

120 45.1 37.0 55.6





#64

1,3-Dichlorobenzene

Concen: 49.418 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. -0.000 min

Lab File: VV027283.D

Acq: 11 Aug 2022 13:23

Instrument :

MSVOA_V

ClientSampleId :

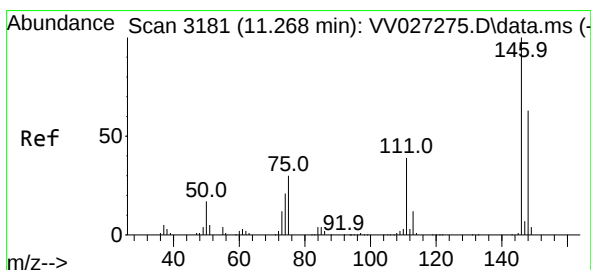
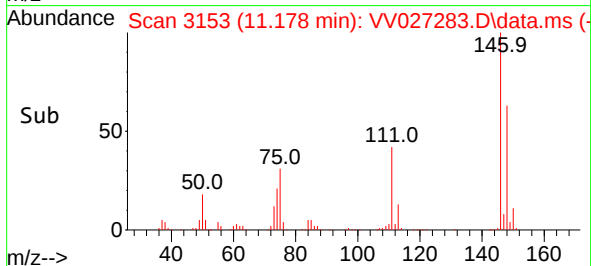
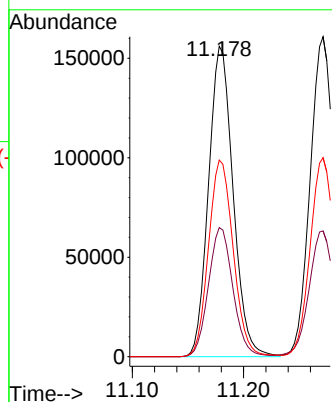
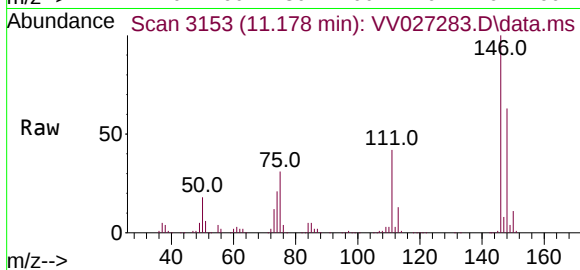
Tgt Ion:146 Resp: 239292

Ion Ratio Lower Upper

146 100

111 41.6 28.4 52.8

148 63.4 44.7 82.9



#65

1,4-Dichlorobenzene

Concen: 49.281 ug/L

RT: 11.271 min Scan# 3182

Delta R.T. 0.003 min

Lab File: VV027283.D

Acq: 11 Aug 2022 13:23

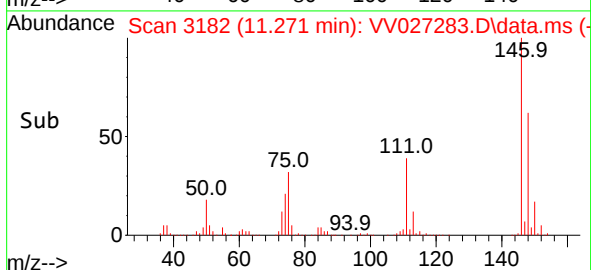
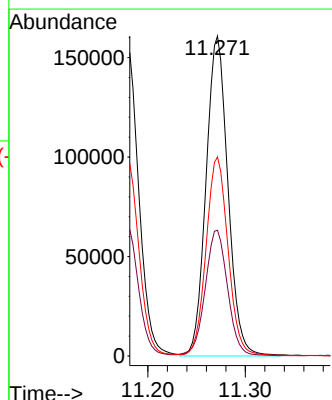
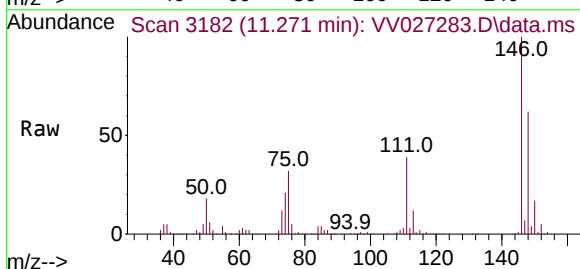
Tgt Ion:146 Resp: 251135

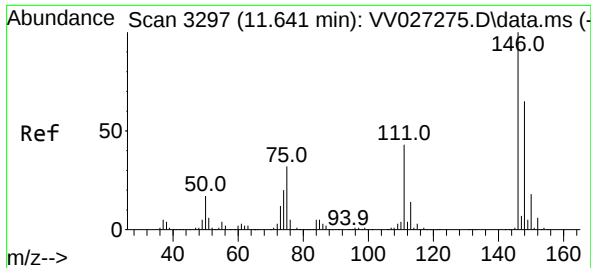
Ion Ratio Lower Upper

146 100

111 39.3 27.4 51.0

148 62.2 44.6 82.8

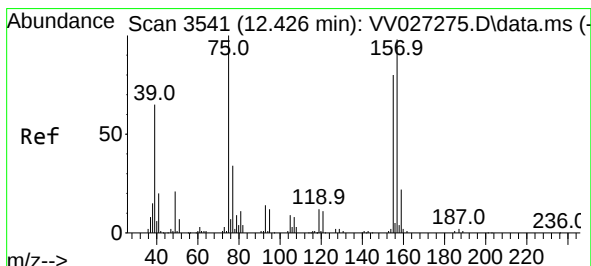
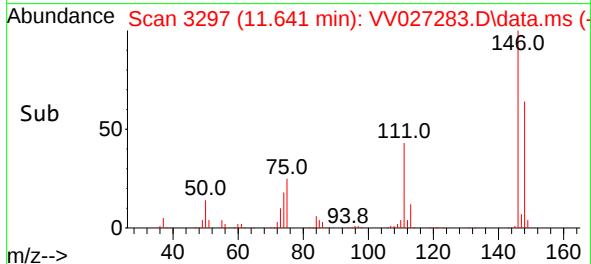
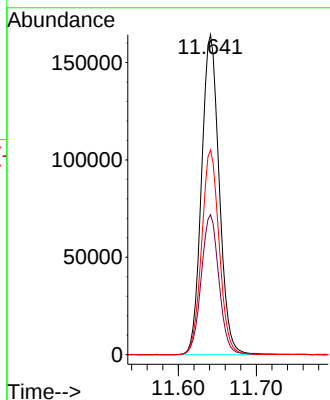
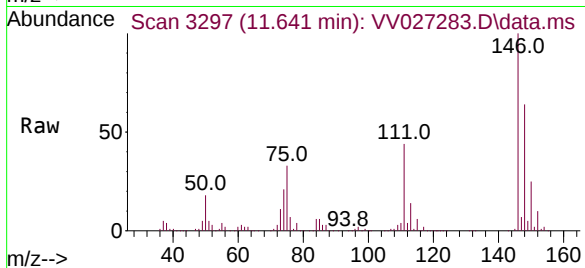




#67
1,2-Dichlorobenzene
Concen: 50.925 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV027283.D
Acq: 11 Aug 2022 13:23

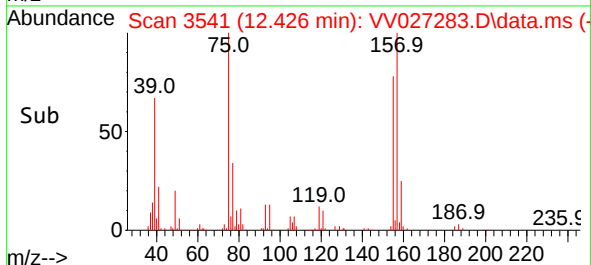
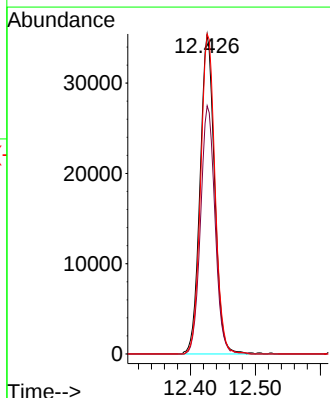
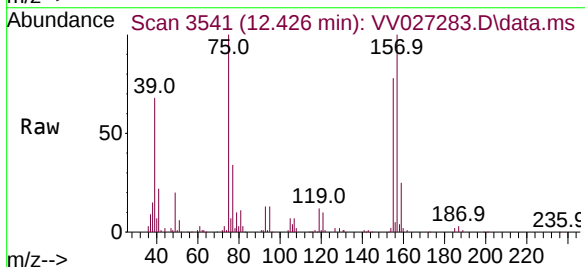
Instrument :
MSVOA_V
ClientSampleId :

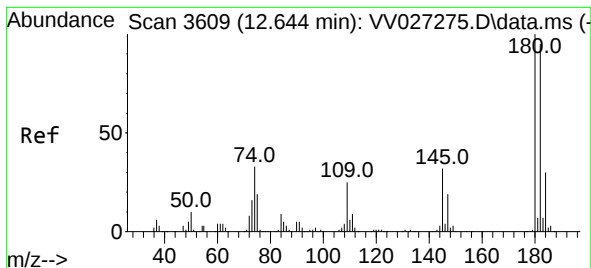
Tgt Ion:146 Resp: 258371
Ion Ratio Lower Upper
146 100
111 43.7 34.0 51.0
148 64.0 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 54.075 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV027283.D
Acq: 11 Aug 2022 13:23

Tgt Ion: 75 Resp: 55215
Ion Ratio Lower Upper
75 100
155 77.7 69.1 103.7
157 100.1 87.8 131.8





#69

1,3,5-Trichlorobenzene

Concen: 47.744 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

Lab File: VV027283.D

Acq: 11 Aug 2022 13:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 155277

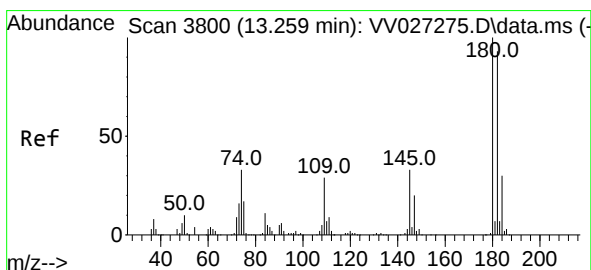
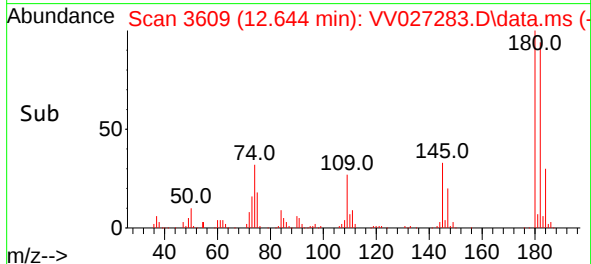
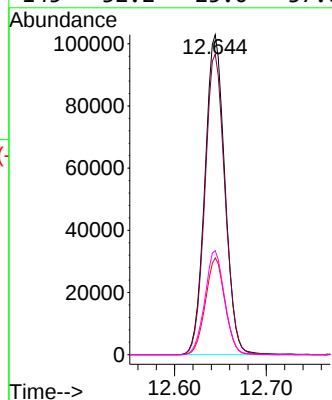
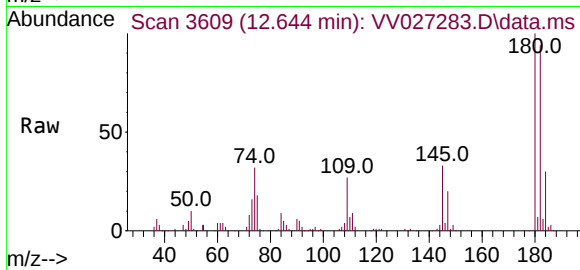
Ion Ratio Lower Upper

180 100

182 94.7 76.2 114.4

184 29.6 24.8 37.2

145 32.2 25.0 37.6



#70

1,2,4-trichlorobenzene

Concen: 48.597 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV027283.D

Acq: 11 Aug 2022 13:23

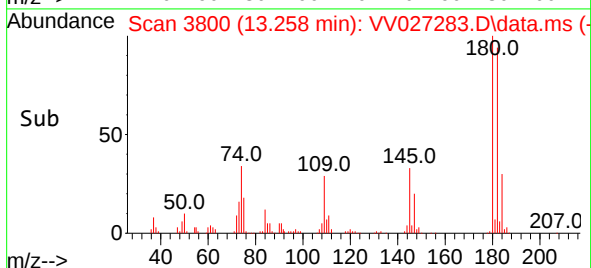
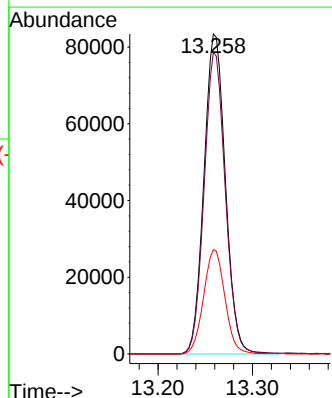
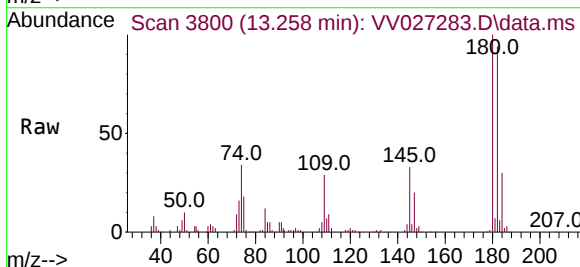
Tgt Ion:180 Resp: 131270

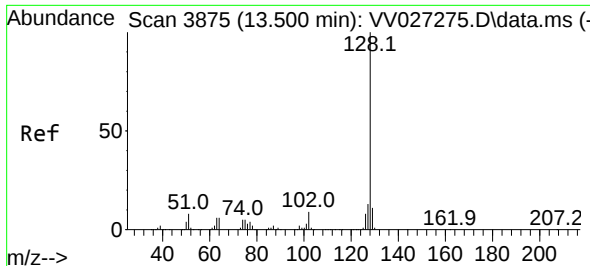
Ion Ratio Lower Upper

180 100

182 93.1 75.9 113.9

145 32.4 24.7 37.1

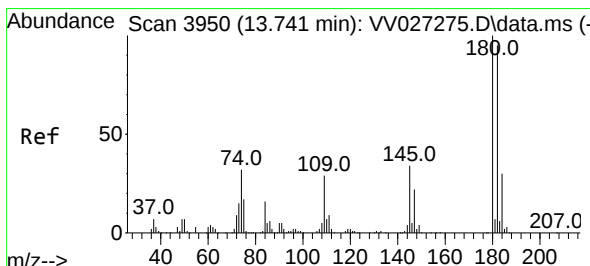
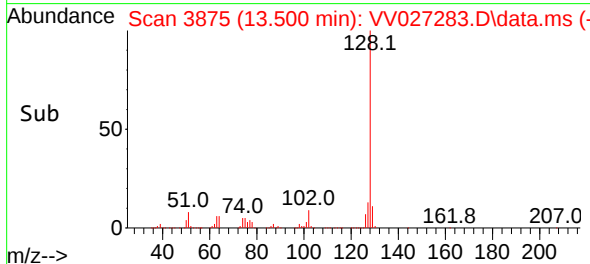
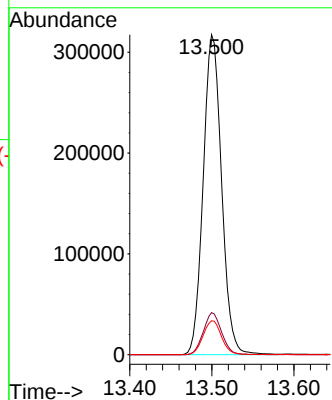
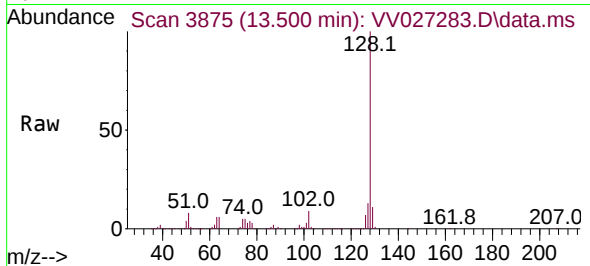




#71
Naphthalene
Concen: 53.394 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV027283.D
Acq: 11 Aug 2022 13:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 493856
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.6 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 51.660 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV027283.D
Acq: 11 Aug 2022 13:23

Tgt Ion:180 Resp: 154670
Ion Ratio Lower Upper
180 100
182 95.6 76.3 114.5
145 35.0 27.4 41.0

