

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW093022\
 Data File : VW028239.D
 Acq On : 30 Sep 2022 20:18
 Operator : SY/MD
 Sample : N4873-07MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ54MS

Quant Time: Sep 30 23:03:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	160971	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	152369	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	89981	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	64645	3.874	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.561	69	58371	4.399	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.101	63	128270	4.432	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	3.896	46	143396	50.897	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.800%
24) Chloroform-d	4.339	84	133322	5.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.027	65	57879	4.568	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.043	84	256916	5.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	6.063	67	69602	4.469	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.310	98	224349	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	7.619	79	25179	4.475	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.085	63	113170	48.195	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.400%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	52065	4.890	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	86646	4.909	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	53114	4.418	ug/L	90
3) Chloromethane	1.237	50	46547	2.924	ug/L	100
5) Vinyl chloride	1.304	62	56602	4.534	ug/L	97
6) Bromomethane	1.516	94	32888	4.046	ug/L	97
8) Chloroethane	1.581	64	46618	5.569	ug/L	91
9) Trichlorofluoromethane	1.748	101	102673	5.181	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	60027	5.256	ug/L	96
12) 1,1-Dichloroethene	2.111	96	58340	5.244	ug/L	80
13) Acetone	2.188	43	94493	43.542	ug/L	99
14) Carbon disulfide	2.285	76	99515	4.662	ug/L	99
15) Methyl Acetate	2.439	43	19671	4.669	ug/L #	87
16) Methylene chloride	2.500	84	62260	5.014	ug/L	89
17) Methyl tert-butyl Ether	2.764	73	129630	5.417	ug/L	96
18) trans-1,2-Dichloroethene	2.754	96	53577	5.502	ug/L	94
19) 1,1-Dichloroethane	3.179	63	171903	8.092	ug/L	99
21) 2-Butanone	3.979	43	118071	43.946	ug/L	93
22) cis-1,2-Dichloroethene	3.902	96	70401	5.510	ug/L	88
23) Bromochloromethane	4.240	128	29507	5.767	ug/L #	75
25) Chloroform	4.365	83	124212	5.449	ug/L	99

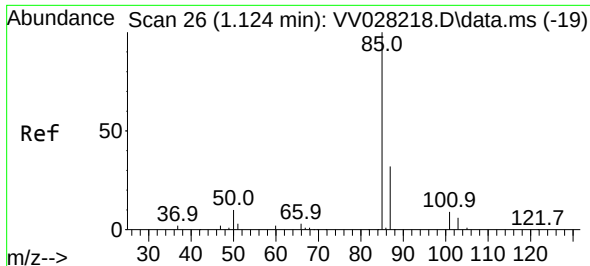
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	60670	4.991	ug/L #	89
29) 1,1,1-Trichloroethane	4.597	97	169290	9.043	ug/L	97
30) Cyclohexane	4.667	56	62632	4.626	ug/L	89
31) Carbon tetrachloride	4.818	117	84126	5.461	ug/L	99
33) Benzene	5.092	78	228361	5.397	ug/L	100
34) Trichloroethene	5.908	95	68054	6.462	ug/L	90
35) Methylcyclohexane	6.124	83	66253	4.587	ug/L	94
37) 1,2-Dichloropropane	6.166	63	53028	4.471	ug/L #	95
38) Bromodichloromethane	6.503	83	73862	5.044	ug/L #	94
39) cis-1,3-Dichloropropene	7.024	75	64536	4.380	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	272028	47.226	ug/L #	93
42) Toluene	7.384	91	226608	5.134	ug/L	97
44) trans-1,3-Dichloropropene	7.648	75	58583	4.623	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	41675	5.242	ug/L	98
47) Tetrachloroethene	7.973	164	48257	5.740	ug/L	95
48) 2-Hexanone	8.137	43	198781	45.459	ug/L #	93
49) Dibromochloromethane	8.243	129	50877	5.322	ug/L	98
50) 1,2-Dibromoethane	8.349	107	37715	5.458	ug/L	98
51) Chlorobenzene	8.879	112	154842	5.231	ug/L	97
52) Ethylbenzene	9.008	91	237228	5.081	ug/L	100
53) m,p-Xylene	9.137	106	93575	5.229	ug/L	95
54) o-Xylene	9.538	106	93149	5.271	ug/L	94
55) Styrene	9.558	104	168045	5.488	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.236	83	50945	5.499	ug/L	97
59) Bromoform	9.728	173	26572	4.651	ug/L	97
60) Isopropylbenzene	9.927	105	252594	4.783	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	34144	4.524	ug/L	93
62) 1,3,5-Trimethylbenzene	10.535	105	69375	4.663	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	190088	4.571	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	142289	5.414	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	133479	5.076	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	131175	5.284	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	7942	4.801	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	107401	5.163	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	81374	4.891	ug/L	98
71) Naphthalene	13.500	128	126622	4.648	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	75698	5.030	ug/L	98

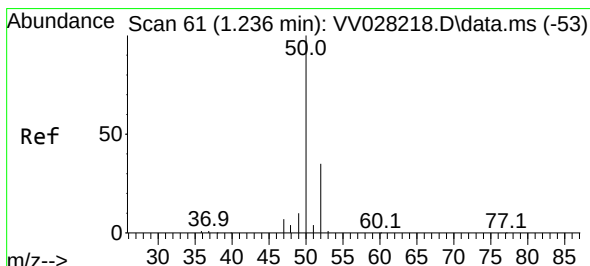
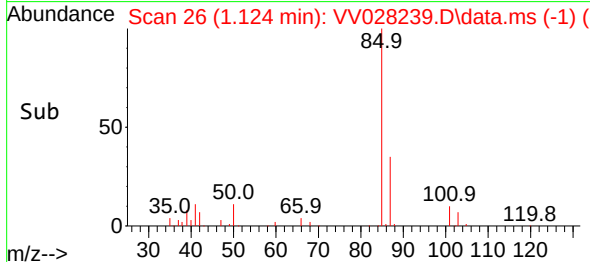
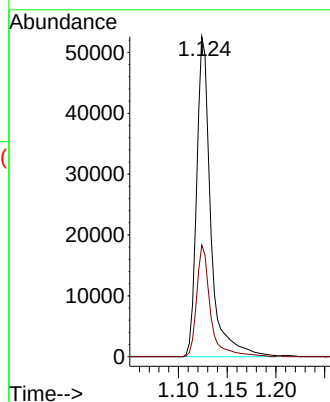
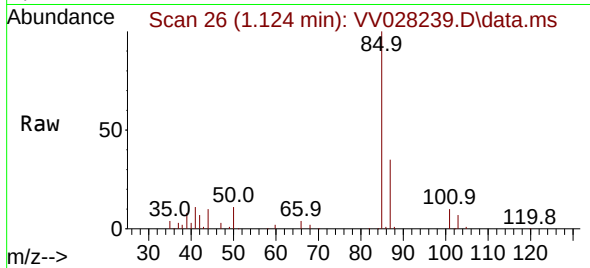
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#2
 Dichlorodifluoromethane
 Concen: 4.418 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV028239.D
 Acq: 30 Sep 2022 20:18

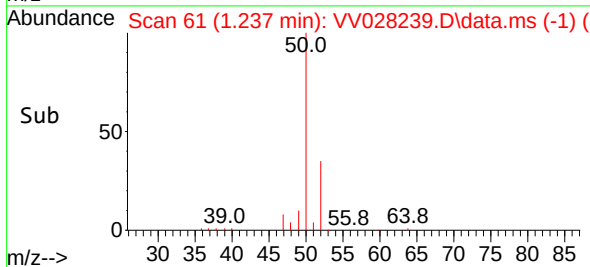
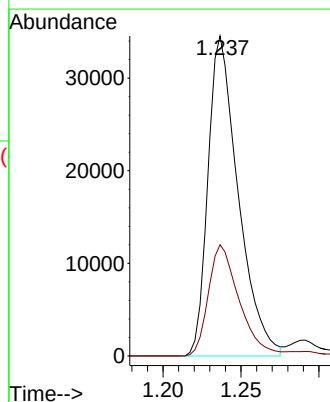
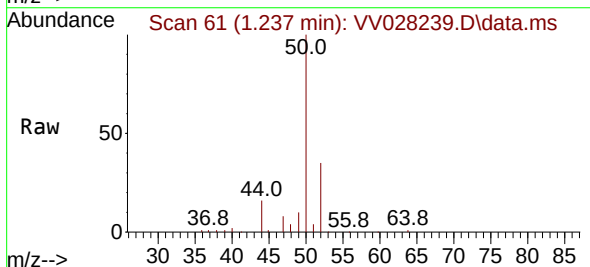
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ54MS

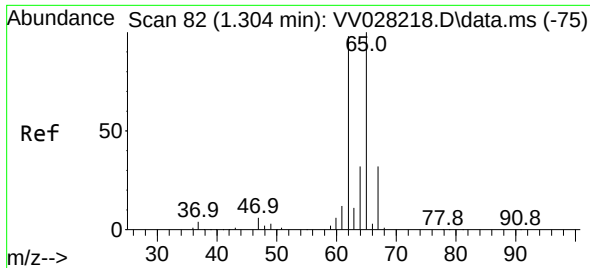
Tgt Ion: 85 Resp: 53114
 Ion Ratio Lower Upper
 85 100
 87 34.0 22.8 34.2



#3
 Chloromethane
 Concen: 2.924 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV028239.D
 Acq: 30 Sep 2022 20:18

Tgt Ion: 50 Resp: 46547
 Ion Ratio Lower Upper
 50 100
 52 34.8 24.4 45.2

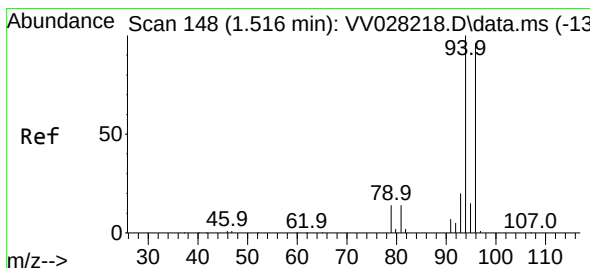
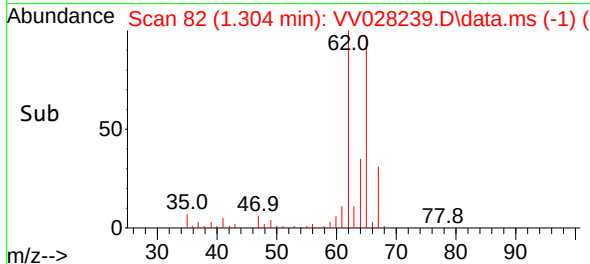
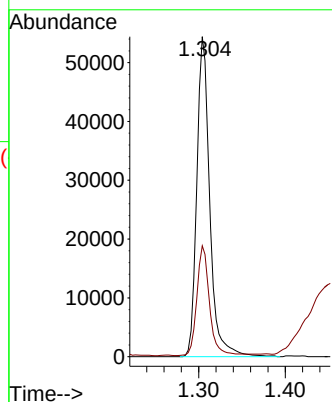
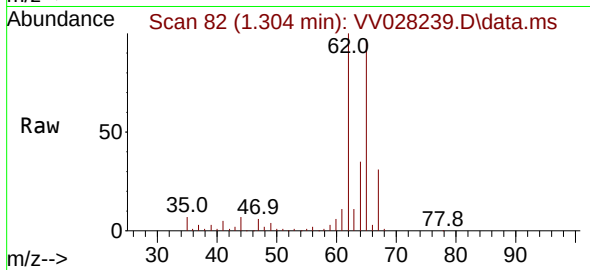




#5
 Vinyl chloride
 Concen: 4.534 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028239.D
 Acq: 30 Sep 2022 20:18

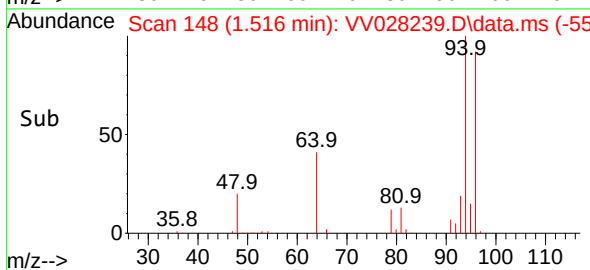
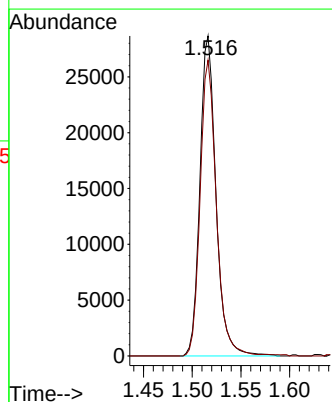
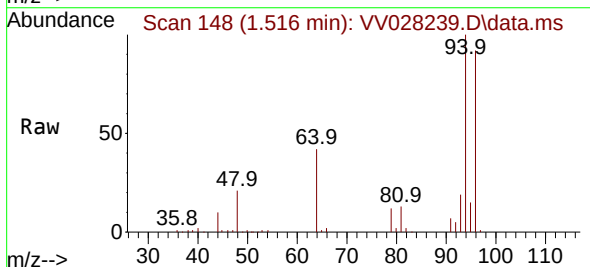
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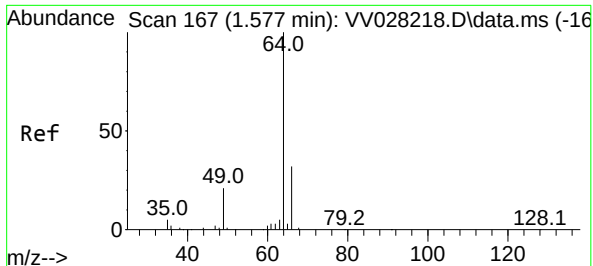
Tgt Ion: 62 Resp: 56602
 Ion Ratio Lower Upper
 62 100
 64 34.7 23.0 42.8



#6
 Bromomethane
 Concen: 4.046 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV028239.D
 Acq: 30 Sep 2022 20:18

Tgt Ion: 94 Resp: 32888
 Ion Ratio Lower Upper
 94 100
 96 92.5 66.7 123.9

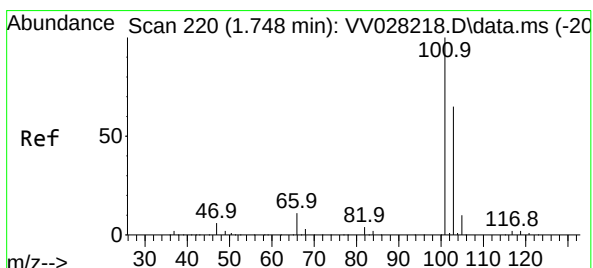
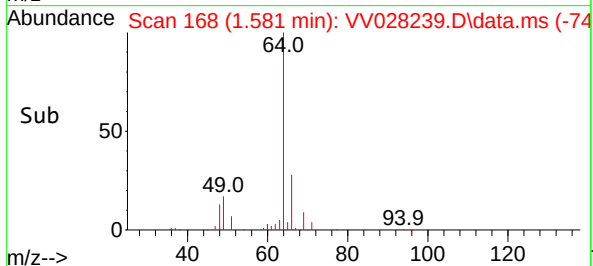
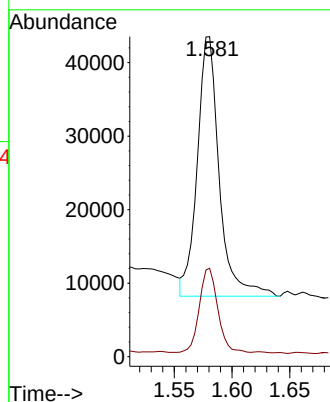
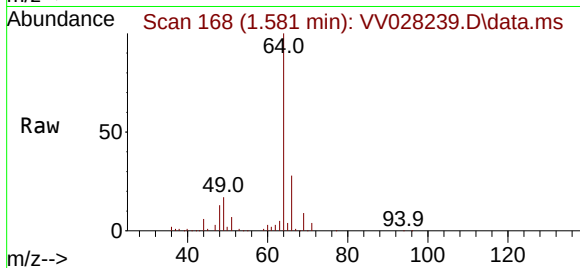




#8
Chloroethane
Concen: 5.569 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV028239.D
Acq: 30 Sep 2022 20:18

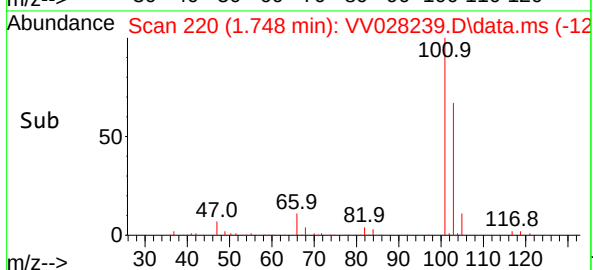
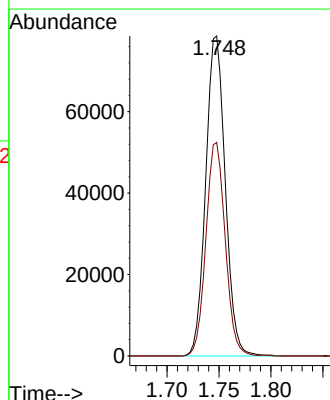
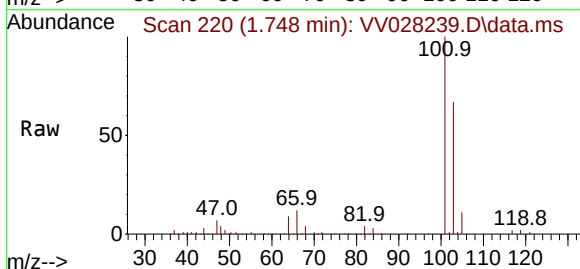
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ClientSampleId :
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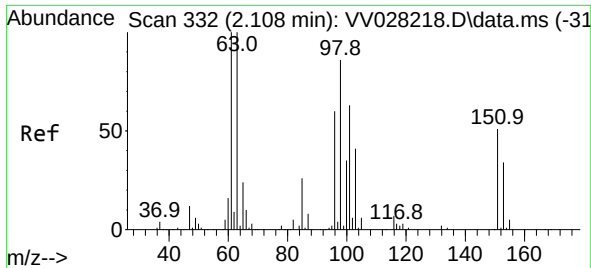
Tgt Ion: 64 Resp: 46618
Ion Ratio Lower Upper
64 100
66 27.6 23.0 42.8



#9
Trichlorofluoromethane
Concen: 5.181 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV028239.D
Acq: 30 Sep 2022 20:18

Tgt Ion: 101 Resp: 102673
Ion Ratio Lower Upper
101 100
103 66.0 51.4 77.0

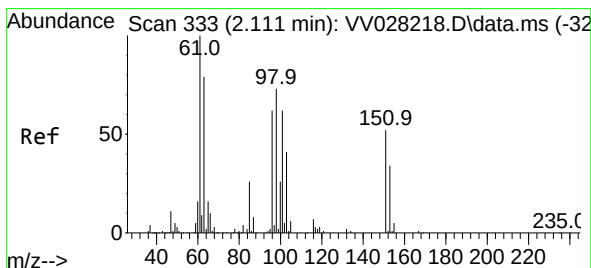
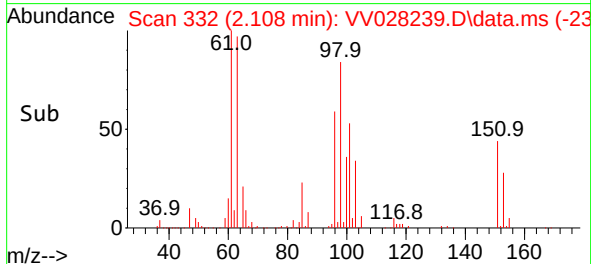
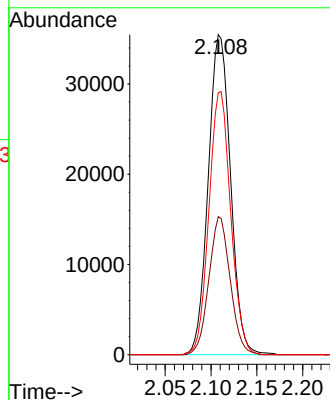
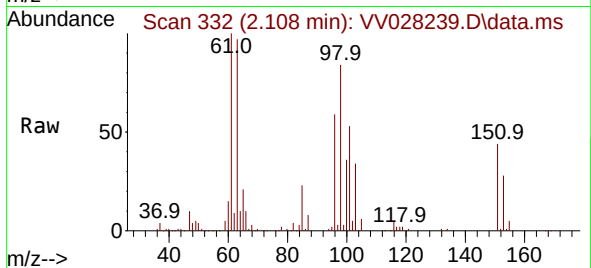




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.256 ug/L
 RT: 2.108 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV028239.D
 Acq: 30 Sep 2022 20:18

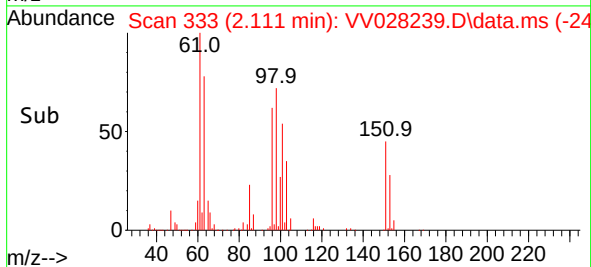
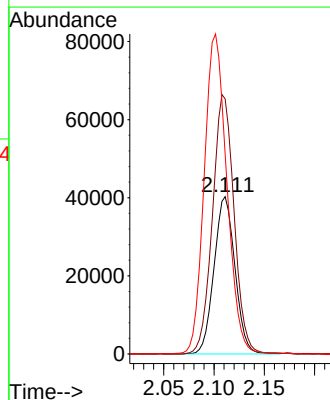
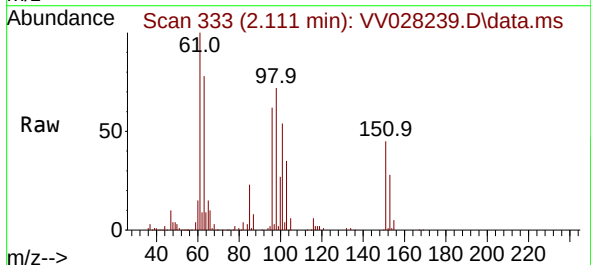
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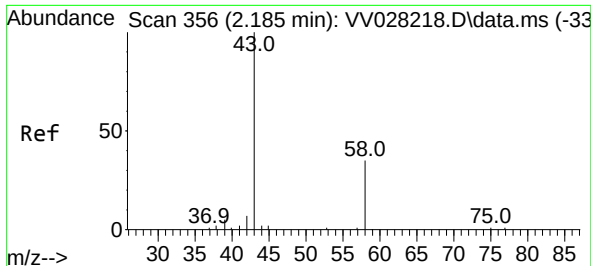
Tgt Ion:101 Resp: 60027
 Ion Ratio Lower Upper
 101 100
 85 41.1 34.4 51.6
 151 80.3 61.1 91.7



#12
 1,1-Dichloroethene
 Concen: 5.244 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV028239.D
 Acq: 30 Sep 2022 20:18

Tgt Ion: 96 Resp: 58340
 Ion Ratio Lower Upper
 96 100
 61 162.2 128.3 238.3
 63 127.0 112.7 209.3





#13

Acetone

Concen: 43.542 ug/L

RT: 2.188 min Scan# 356

Delta R.T. 0.000 min

Lab File: VV028239.D

Acq: 30 Sep 2022 20:18

Instrument :

MSVOA_V

ClientSampleId :

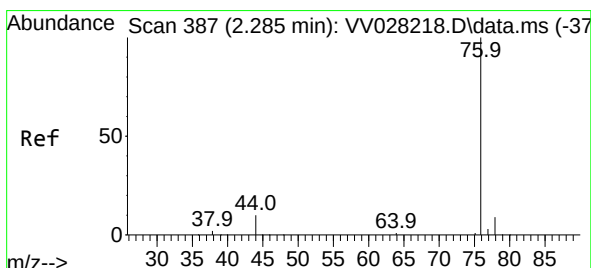
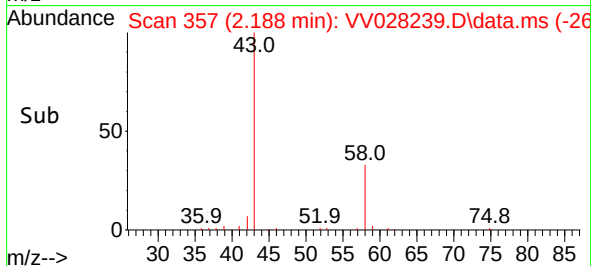
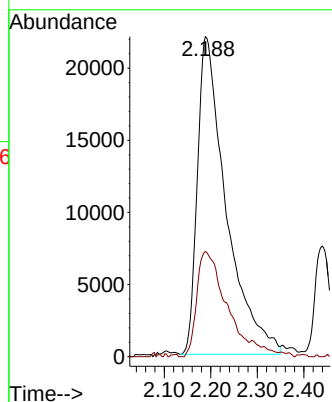
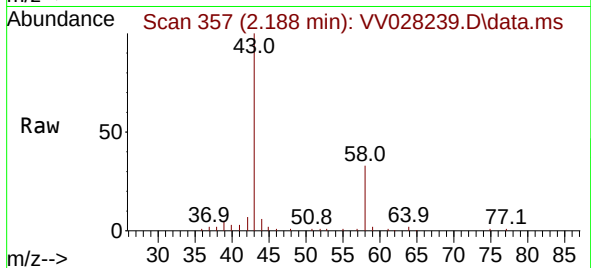
EXZ54MS

Tgt Ion: 43 Resp: 94493

Ion Ratio Lower Upper

43 100

58 32.5 0.0 65.6



#14

Carbon disulfide

Concen: 4.662 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.000 min

Lab File: VV028239.D

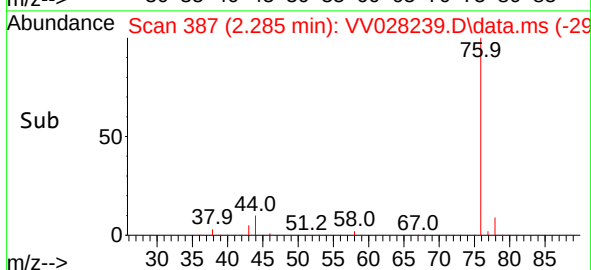
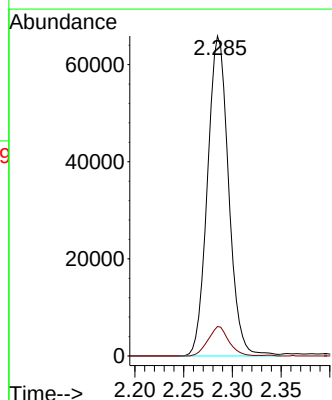
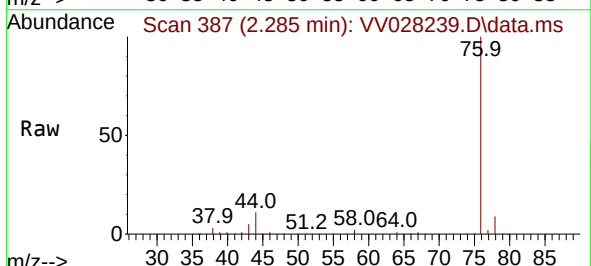
Acq: 30 Sep 2022 20:18

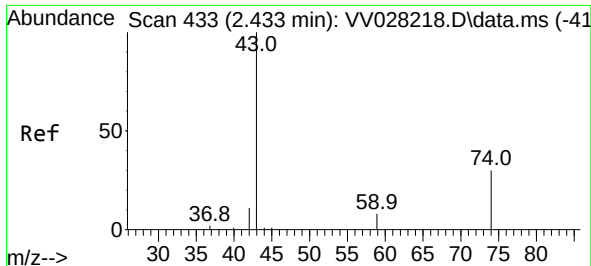
Tgt Ion: 76 Resp: 99515

Ion Ratio Lower Upper

76 100

78 9.2 7.6 11.4

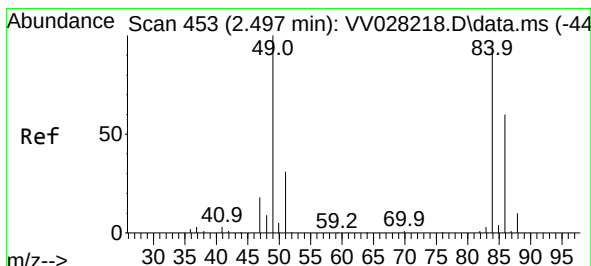
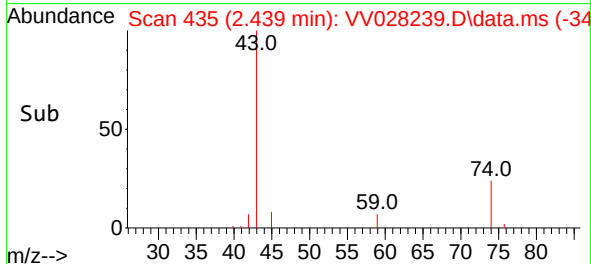
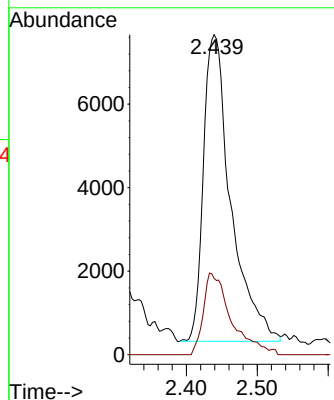
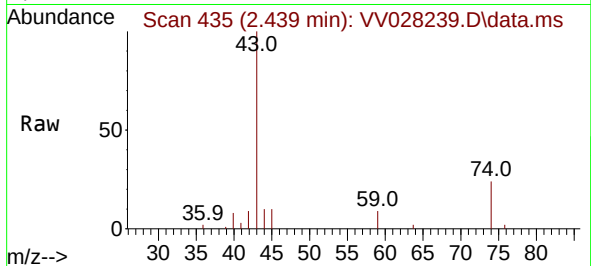




#15
Methyl Acetate
Concen: 4.669 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028239.D
Acq: 30 Sep 2022 20:18

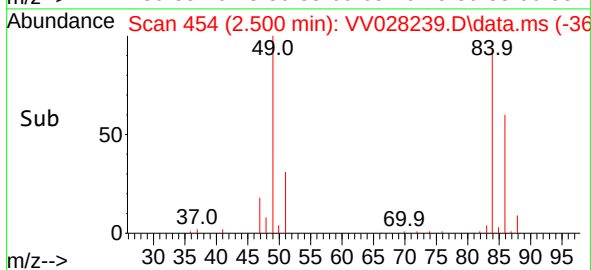
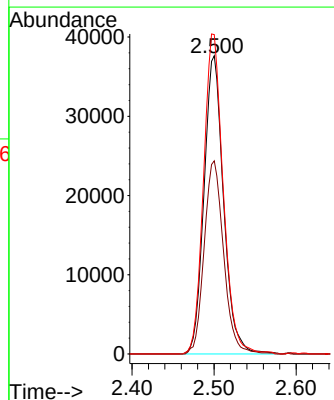
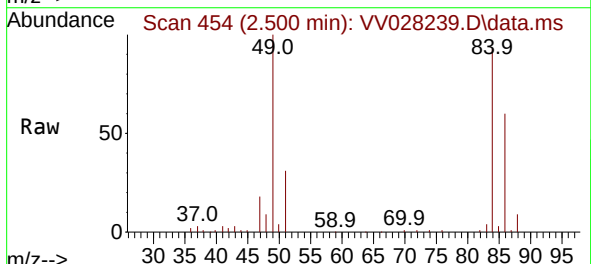
Instrument :
MSVOA_V
ClientSampleId :
EXZ54MS

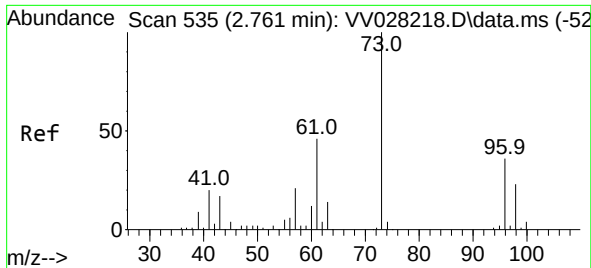
Tgt Ion: 43 Resp: 19671
Ion Ratio Lower Upper
43 100
74 27.1 16.9 25.3#



#16
Methylene chloride
Concen: 5.014 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV028239.D
Acq: 30 Sep 2022 20:18

Tgt Ion: 84 Resp: 62260
Ion Ratio Lower Upper
84 100
86 64.7 46.8 86.8
49 107.1 87.5 162.5

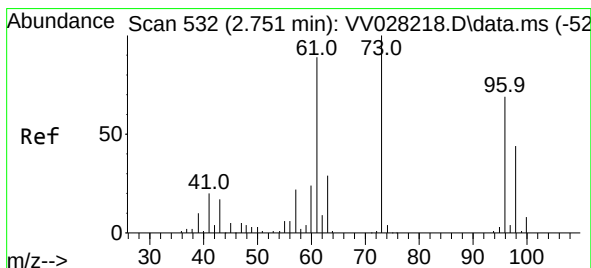
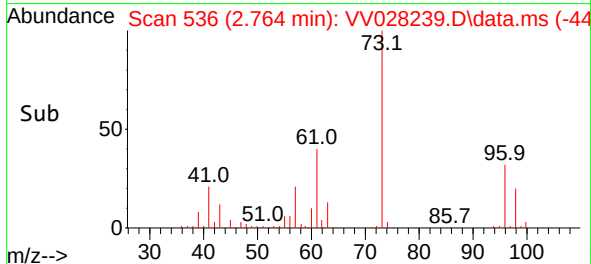
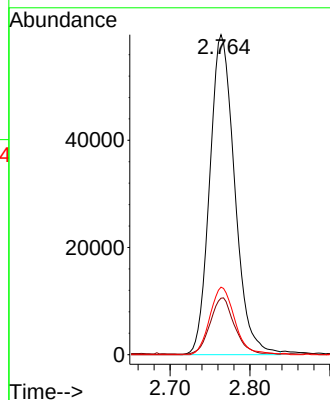
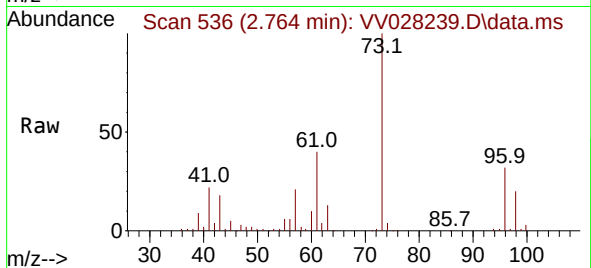




#17
Methyl tert-butyl Ether
Concen: 5.417 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV028239.D
Acq: 30 Sep 2022 20:18

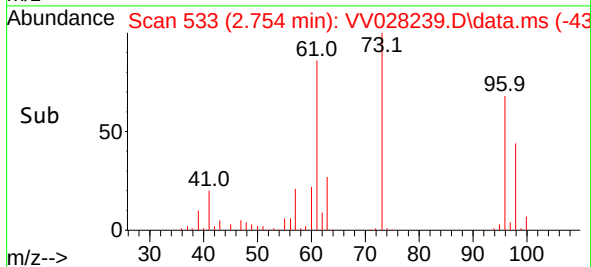
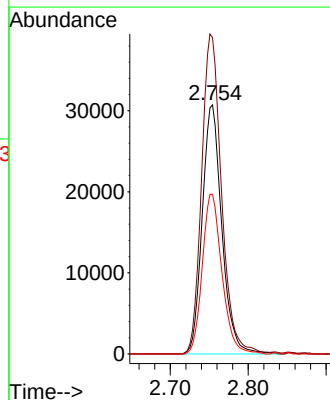
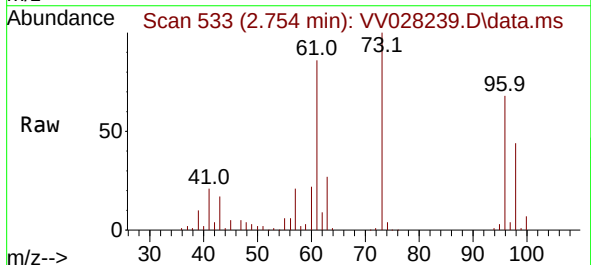
Instrument :
MSVOA_V
ClientSampleId :
EXZ54MS

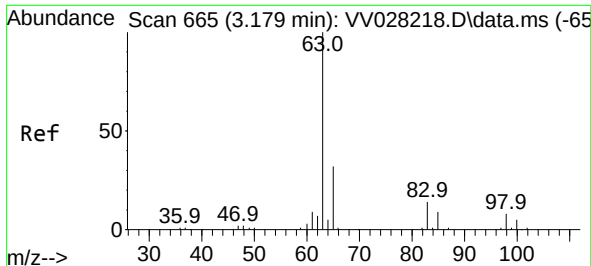
Tgt Ion: 73 Resp: 129630
Ion Ratio Lower Upper
73 100
43 17.1 15.7 23.5
57 21.0 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.502 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV028239.D
Acq: 30 Sep 2022 20:18

Tgt Ion: 96 Resp: 53577
Ion Ratio Lower Upper
96 100
61 127.0 96.2 178.6
98 64.1 45.7 84.9





#19

1,1-Dichloroethane

Concen: 8.092 ug/L

RT: 3.179 min Scan# 61

Delta R.T. -0.003 min

Lab File: VV028239.D

Acq: 30 Sep 2022 20:18

Instrument :

MSVOA_V

ClientSampleId :

EXZ54MS

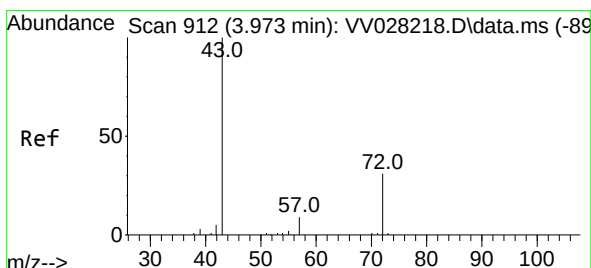
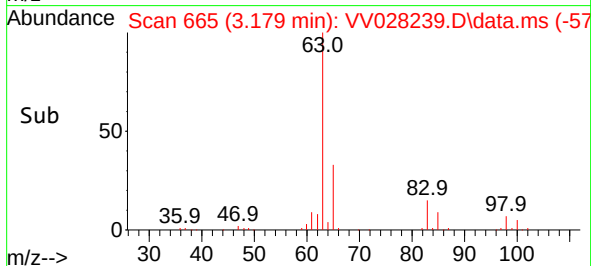
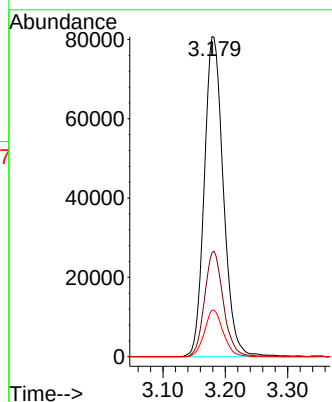
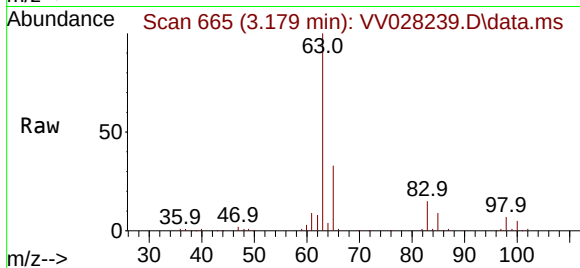
Tgt Ion: 63 Resp: 171903

Ion Ratio Lower Upper

63 100

65 32.5 23.0 42.8

83 14.6 9.2 17.2



#21

2-Butanone

Concen: 43.946 ug/L

RT: 3.979 min Scan# 914

Delta R.T. 0.003 min

Lab File: VV028239.D

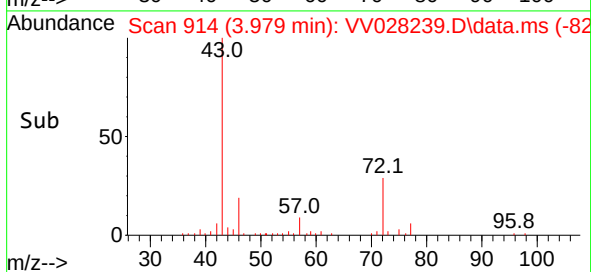
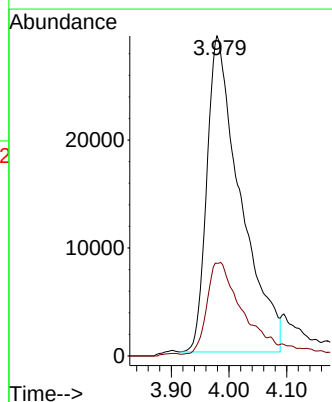
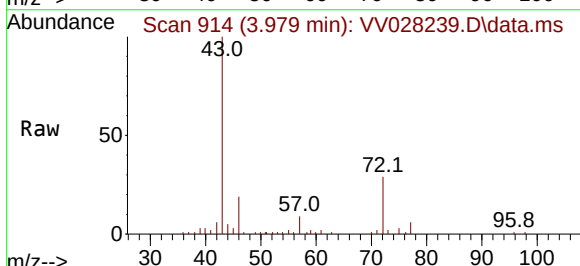
Acq: 30 Sep 2022 20:18

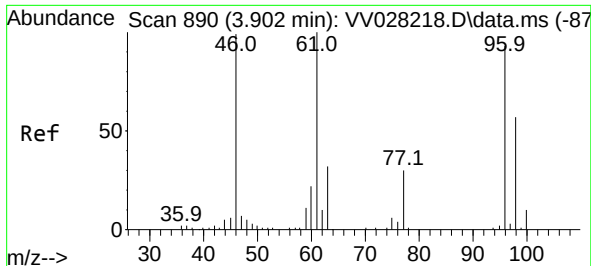
Tgt Ion: 43 Resp: 118071

Ion Ratio Lower Upper

43 100

72 29.0 12.7 38.1

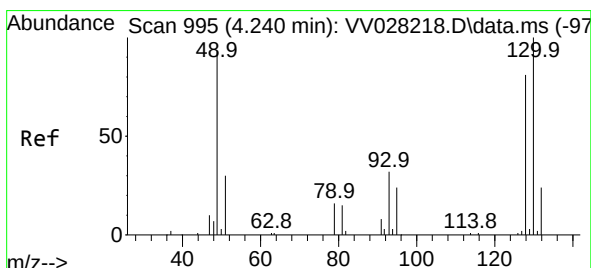
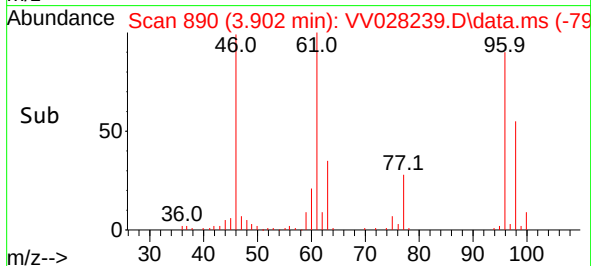
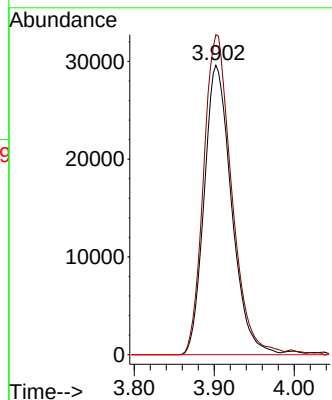
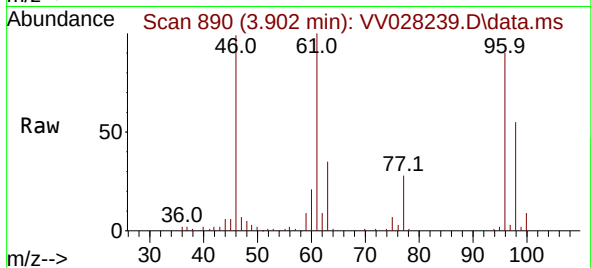




#22
 cis-1,2-Dichloroethene
 Concen: 5.510 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.003 min
 Lab File: VV028239.D
 Acq: 30 Sep 2022 20:18

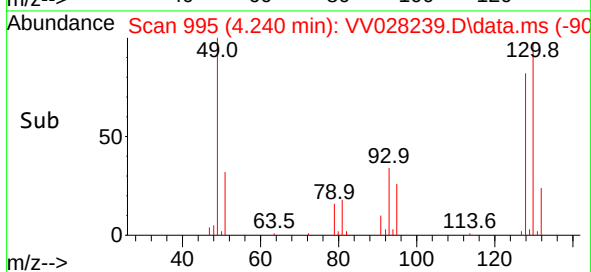
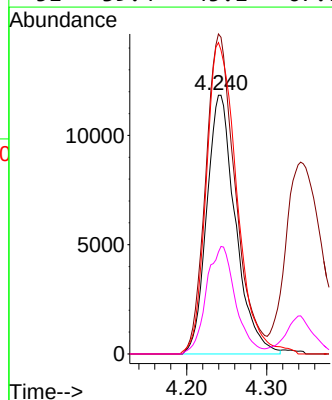
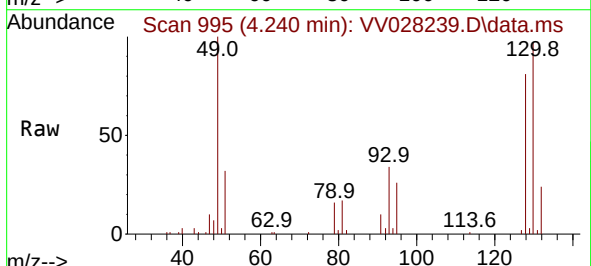
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ54MS

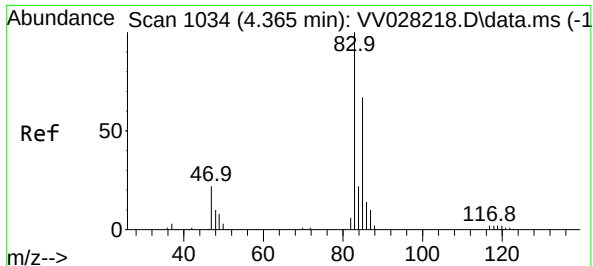
Tgt Ion: 96 Resp: 70401
 Ion Ratio Lower Upper
 96 100
 61 110.5 87.2 161.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.767 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VV028239.D
 Acq: 30 Sep 2022 20:18

Tgt Ion: 128 Resp: 29507
 Ion Ratio Lower Upper
 128 100
 49 123.7 119.9 222.7
 130 120.3 94.6 175.8
 51 39.4 45.1 67.7#





#25

Chloroform

Concen: 5.449 ug/L

RT: 4.365 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV028239.D

Acq: 30 Sep 2022 20:18

Instrument :

MSVOA_V

ClientSampleId :

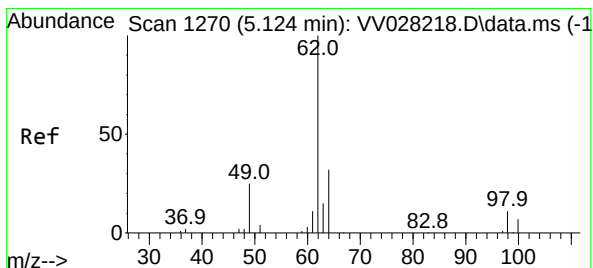
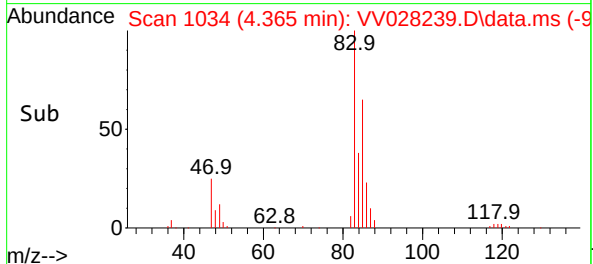
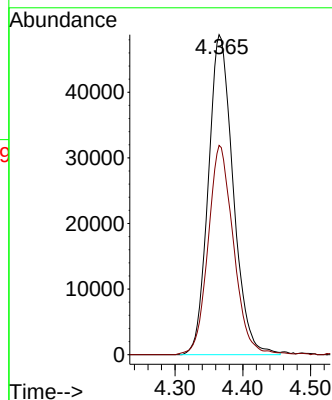
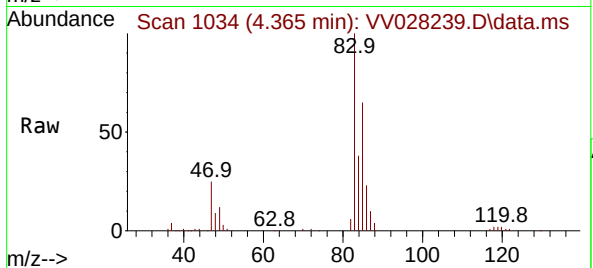
EXZ54MS

Tgt Ion: 83 Resp: 124212

Ion Ratio Lower Upper

83 100

85 65.4 45.1 83.7



#27

1,2-Dichloroethane

Concen: 4.991 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VV028239.D

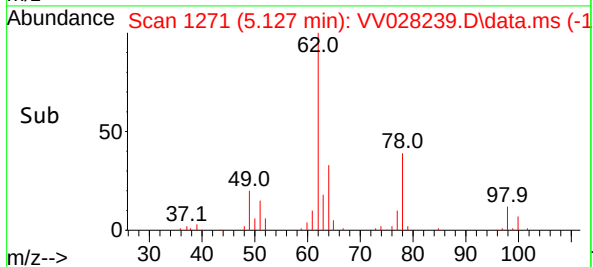
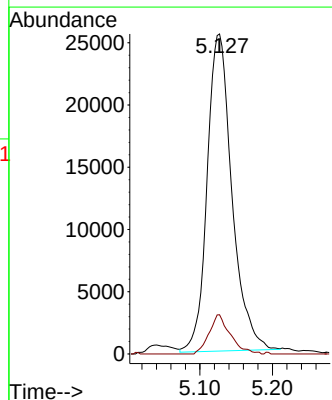
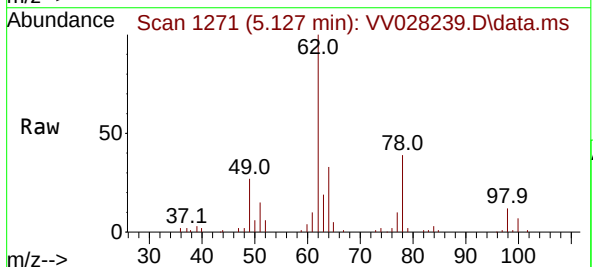
Acq: 30 Sep 2022 20:18

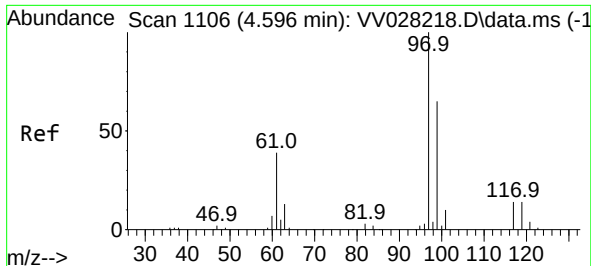
Tgt Ion: 62 Resp: 60670

Ion Ratio Lower Upper

62 100

98 12.3 6.7 10.1#

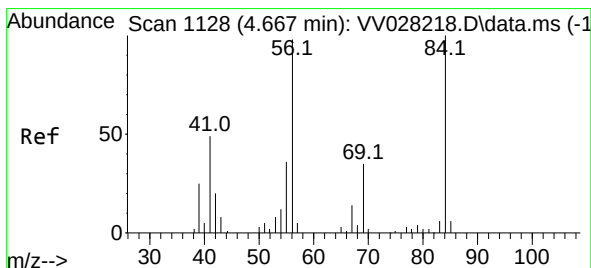
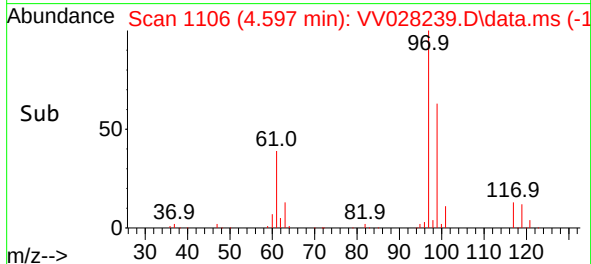
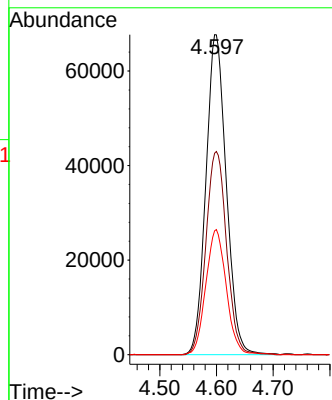
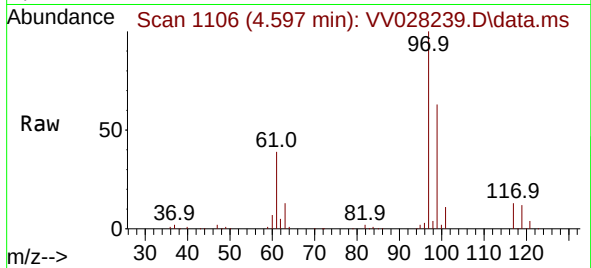




#29
1,1,1-Trichloroethane
Concen: 9.043 ug/L
RT: 4.597 min Scan# 1106
Delta R.T. -0.003 min
Lab File: VV028239.D
Acq: 30 Sep 2022 20:18

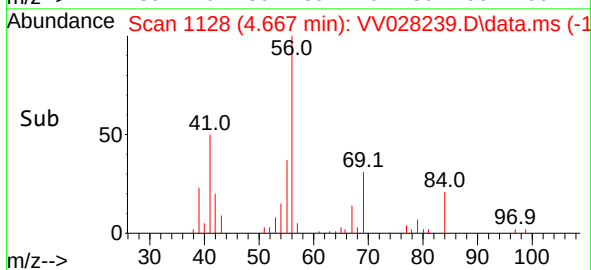
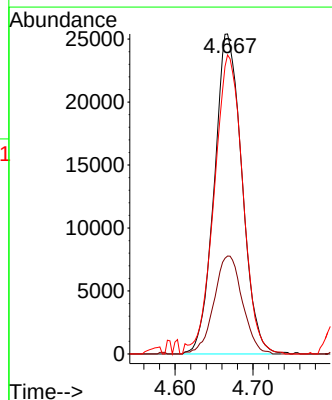
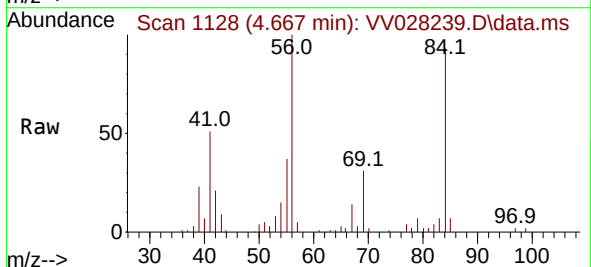
Instrument :
MSVOA_V
ClientSampleId :
EXZ54MS

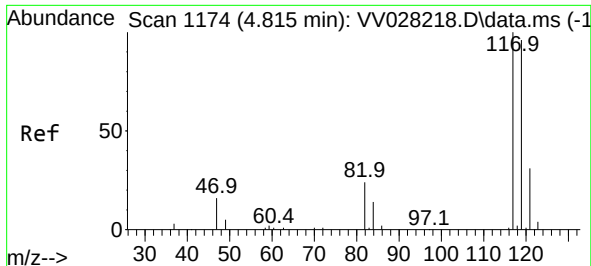
Tgt Ion: 97 Resp: 169290
Ion Ratio Lower Upper
97 100
99 64.7 51.9 77.9
61 39.3 34.8 52.2



#30
Cyclohexane
Concen: 4.626 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. 0.003 min
Lab File: VV028239.D
Acq: 30 Sep 2022 20:18

Tgt Ion: 56 Resp: 62632
Ion Ratio Lower Upper
56 100
69 31.4 23.7 35.5
84 96.7 67.3 100.9

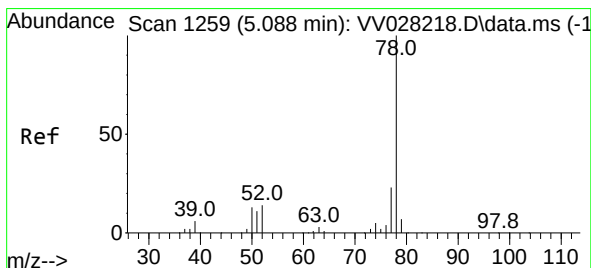
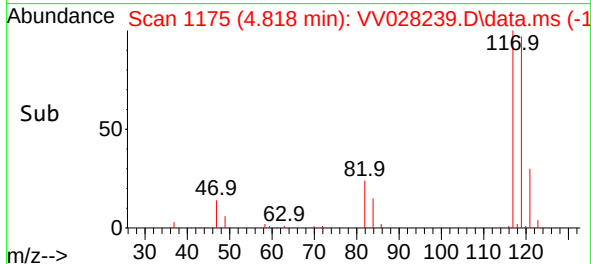
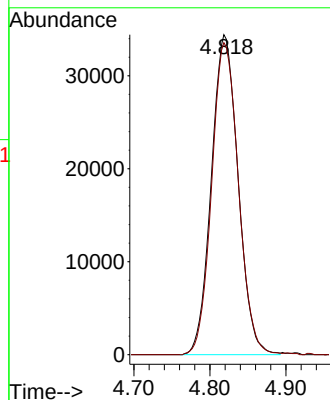
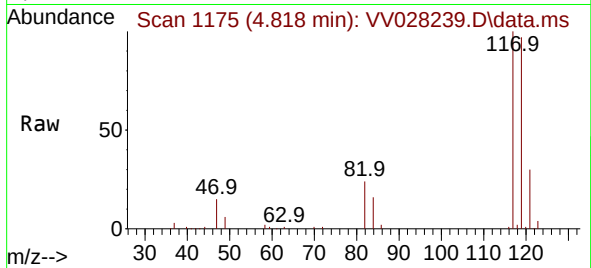




#31
Carbon tetrachloride
Concen: 5.461 ug/L
RT: 4.818 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VV028239.D
Acq: 30 Sep 2022 20:18

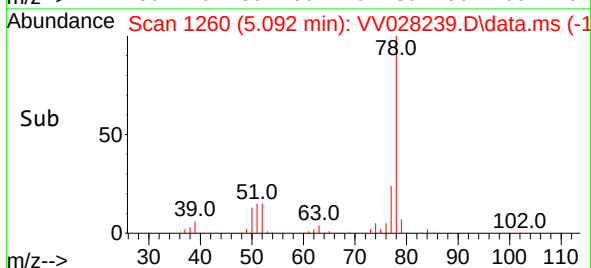
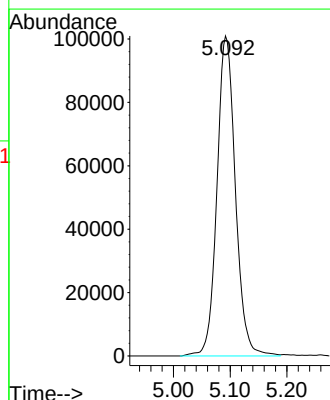
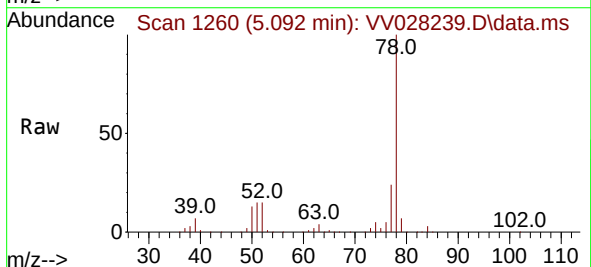
Instrument :
MSVOA_V
ClientSampleId :
EXZ54MS

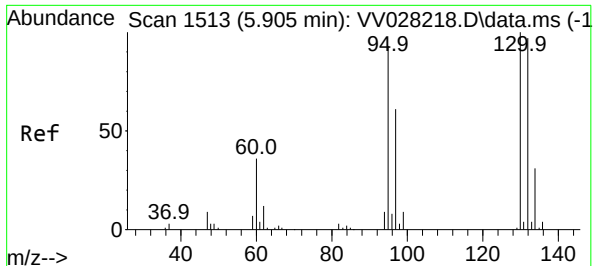
Tgt Ion:117 Resp: 84126
Ion Ratio Lower Upper
117 100
119 97.4 76.9 115.3



#33
Benzene
Concen: 5.397 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VV028239.D
Acq: 30 Sep 2022 20:18

Tgt Ion: 78 Resp: 228361

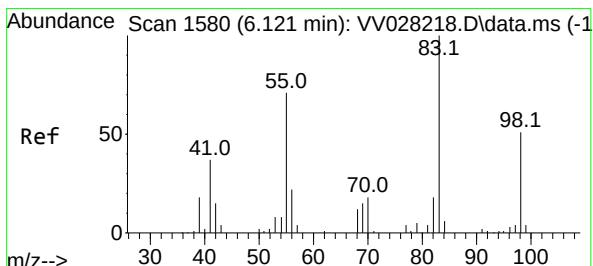
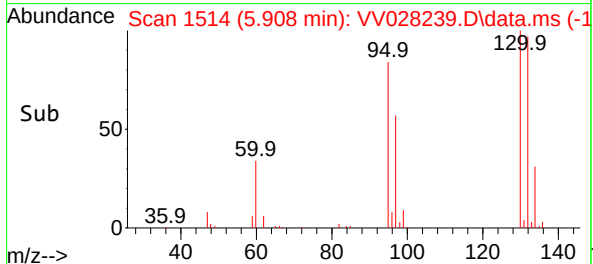
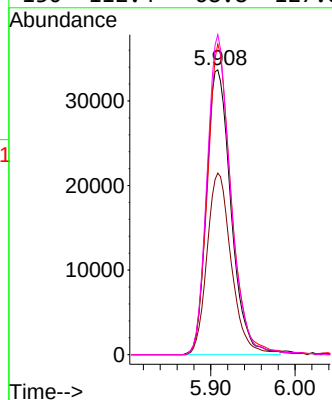
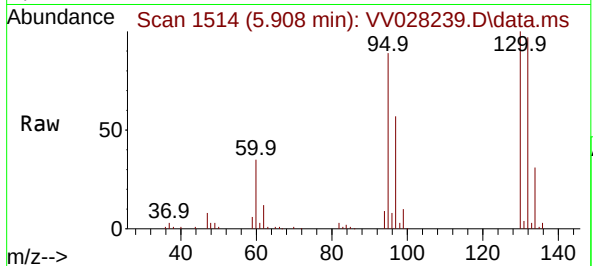




#34
Trichloroethene
Concen: 6.462 ug/L
RT: 5.908 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028239.D
Acq: 30 Sep 2022 20:18

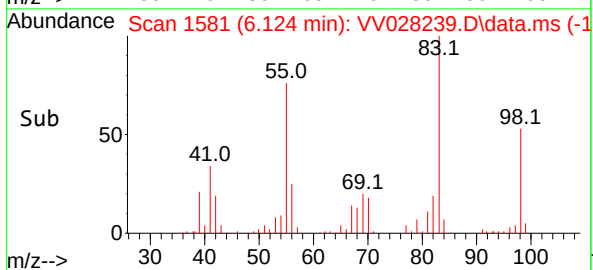
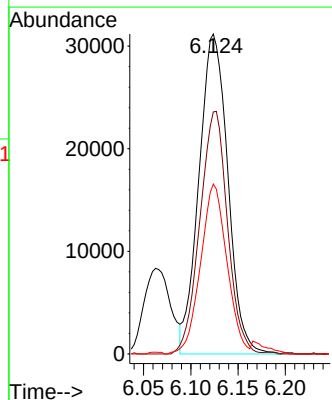
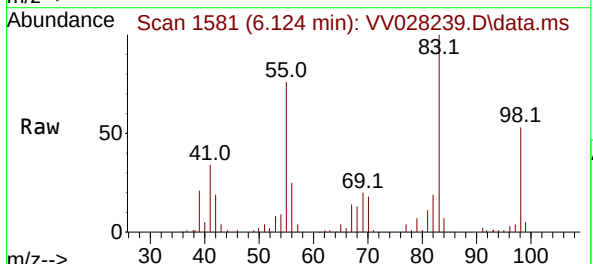
Instrument :
MSVOA_V
ClientSampleId :
EXZ54MS

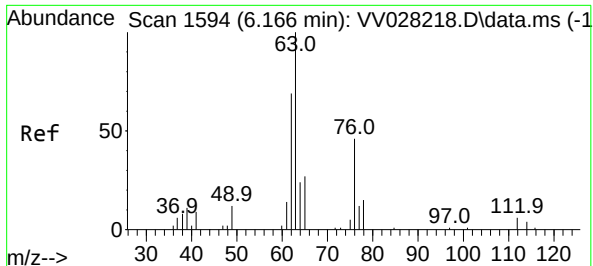
Tgt Ion: 95 Resp: 68054
Ion Ratio Lower Upper
95 100
97 63.8 44.2 82.0
132 109.1 67.8 126.0
130 112.4 68.8 127.8



#35
Methylcyclohexane
Concen: 4.587 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.003 min
Lab File: VV028239.D
Acq: 30 Sep 2022 20:18

Tgt Ion: 83 Resp: 66253
Ion Ratio Lower Upper
83 100
55 72.6 64.7 97.1
98 48.4 39.5 59.3





#37

1,2-Dichloropropane

Concen: 4.471 ug/L

RT: 6.166 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV028239.D

Acq: 30 Sep 2022 20:18

Instrument :

MSVOA_V

ClientSampleId :

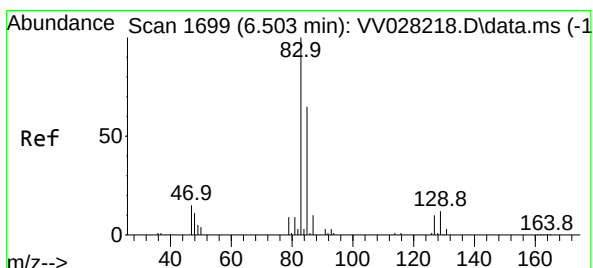
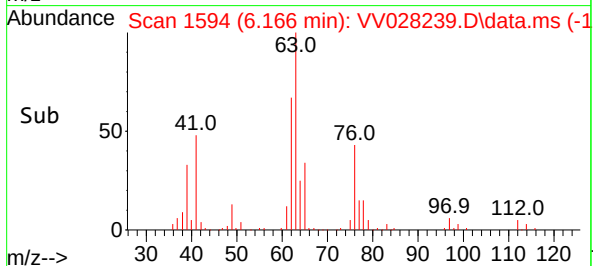
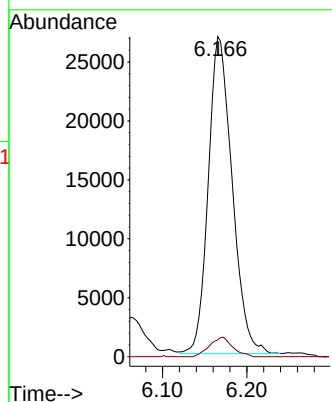
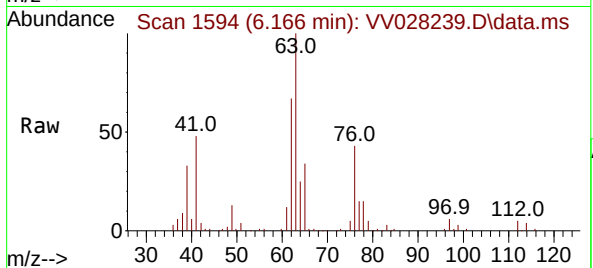
EXZ54MS

Tgt Ion: 63 Resp: 53028

Ion Ratio Lower Upper

63 100

112 5.9 3.5 5.3#



#38

Bromodichloromethane

Concen: 5.044 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VV028239.D

Acq: 30 Sep 2022 20:18

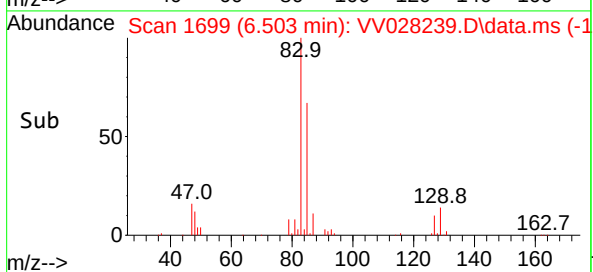
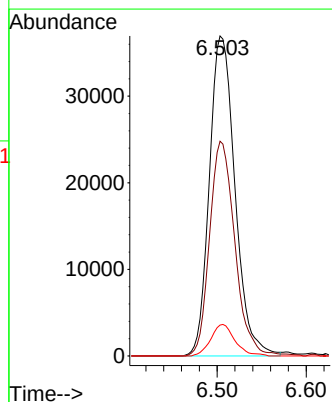
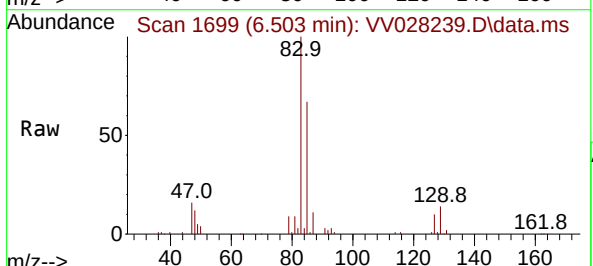
Tgt Ion: 83 Resp: 73862

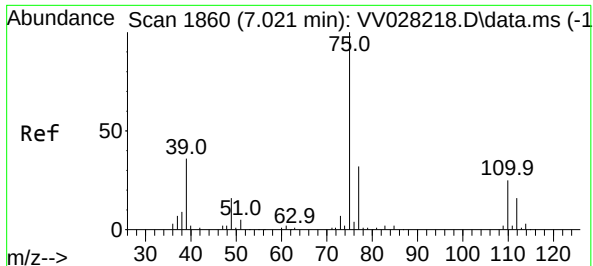
Ion Ratio Lower Upper

83 100

85 67.1 43.8 81.4

127 9.6 6.3 9.5#





#39

cis-1,3-Dichloropropene

Concen: 4.380 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV028239.D

Acq: 30 Sep 2022 20:18

Instrument :

MSVOA_V

ClientSampleId :

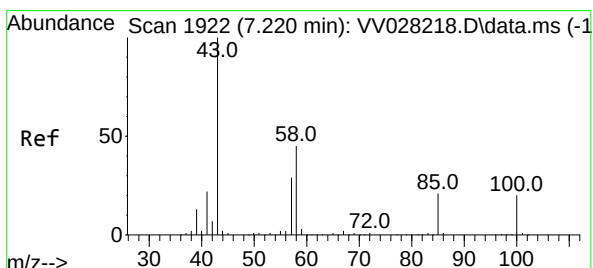
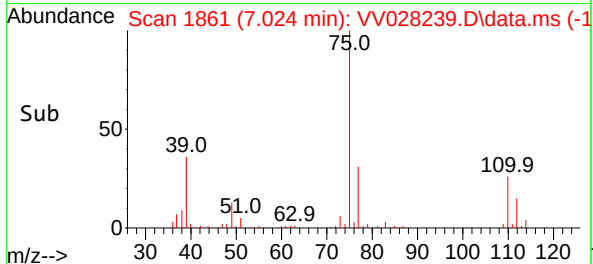
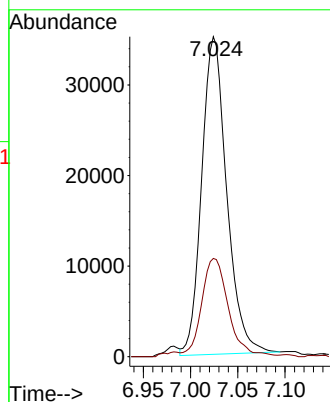
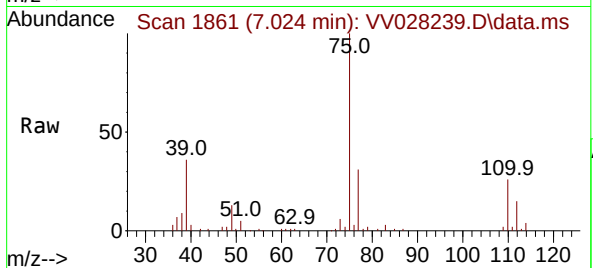
EXZ54MS

Tgt Ion: 75 Resp: 64536

Ion Ratio Lower Upper

75 100

77 30.7 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 47.226 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV028239.D

Acq: 30 Sep 2022 20:18

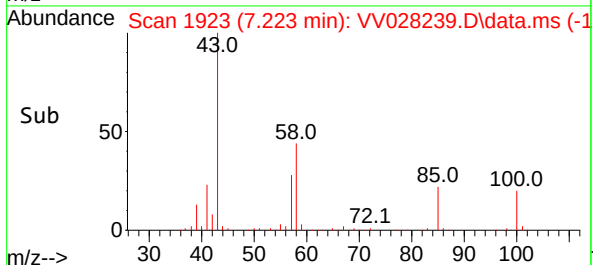
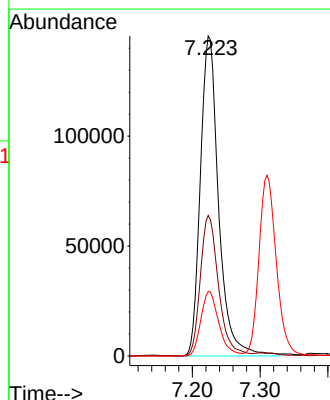
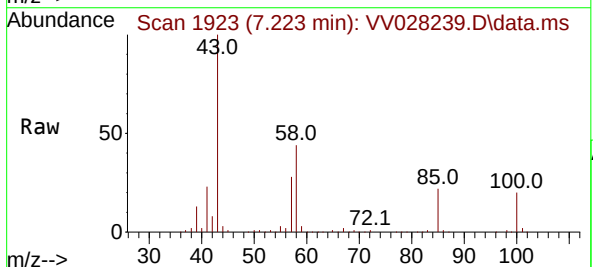
Tgt Ion: 43 Resp: 272028

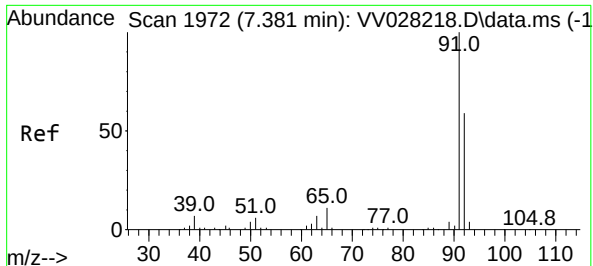
Ion Ratio Lower Upper

43 100

58 43.8 32.2 48.4

100 19.9 12.7 19.1#





#42

Toluene

Concen: 5.134 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV028239.D

Acq: 30 Sep 2022 20:18

Instrument :

MSVOA_V

ClientSampleId :

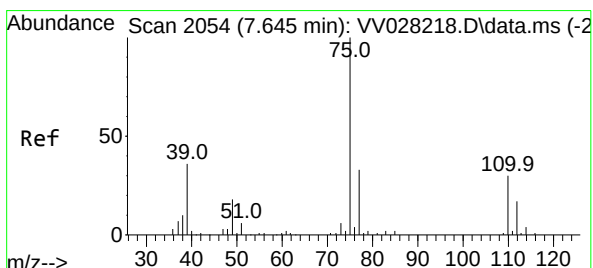
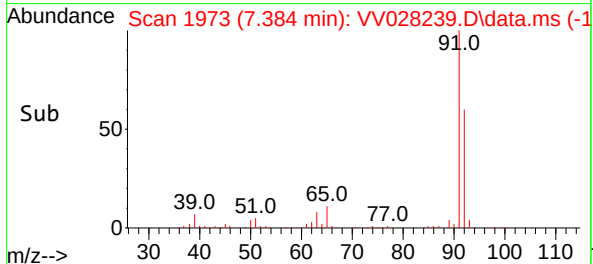
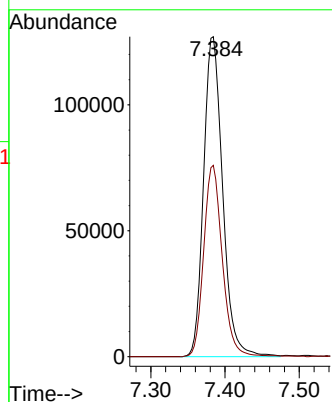
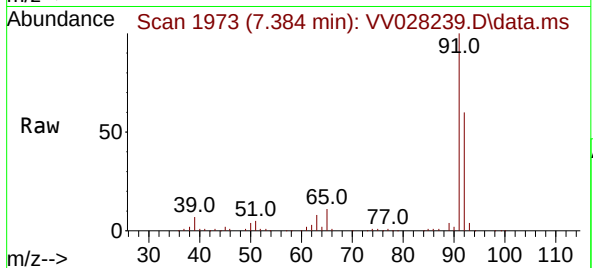
EXZ54MS

Tgt Ion: 91 Resp: 226608

Ion Ratio Lower Upper

91 100

92 59.8 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 4.623 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.003 min

Lab File: VV028239.D

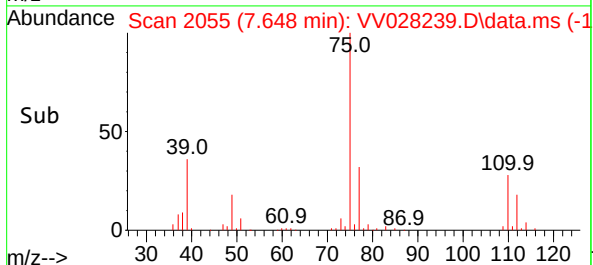
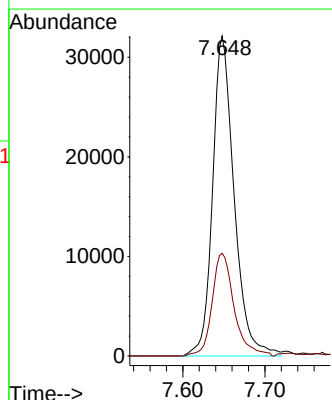
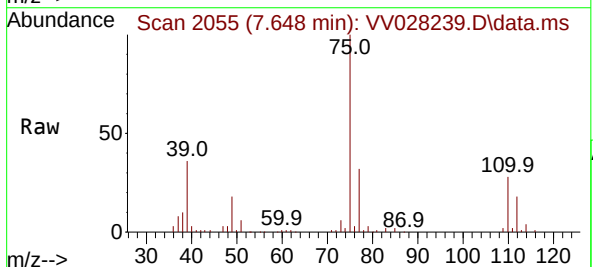
Acq: 30 Sep 2022 20:18

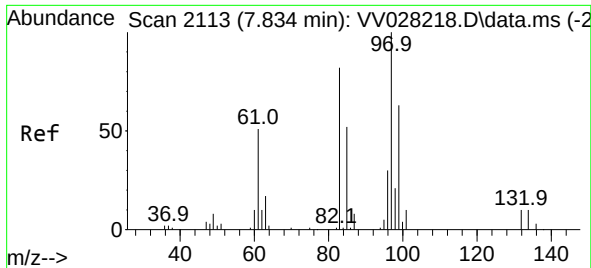
Tgt Ion: 75 Resp: 58583

Ion Ratio Lower Upper

75 100

77 32.1 23.9 44.3

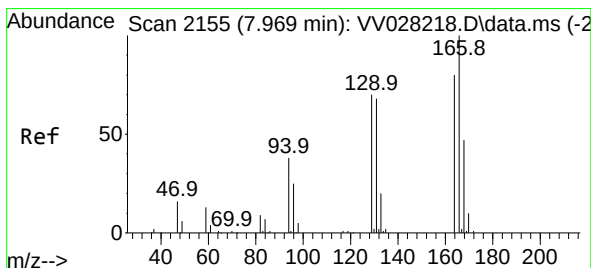
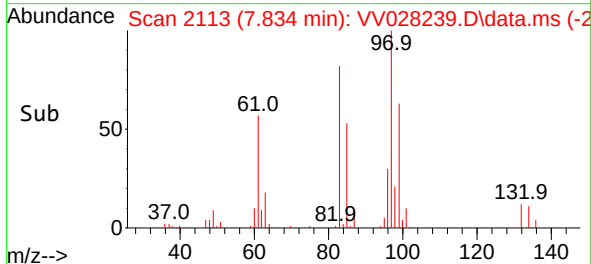
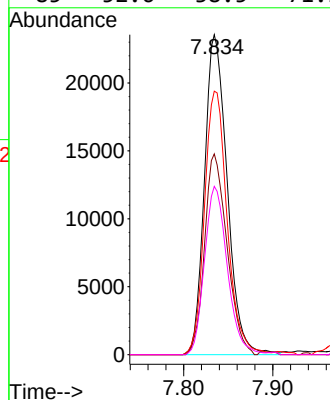
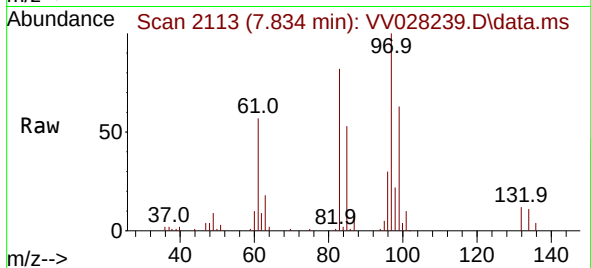




#45
1,1,2-Trichloroethane
Concen: 5.242 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VV028239.D
Acq: 30 Sep 2022 20:18

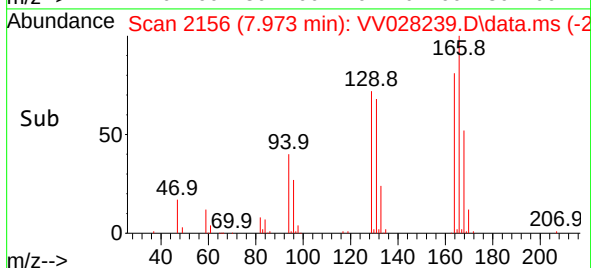
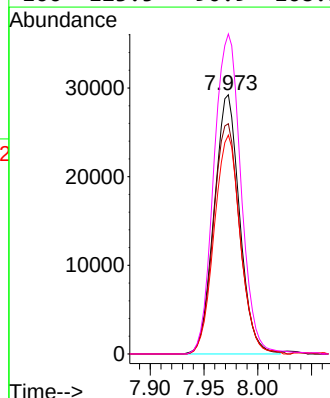
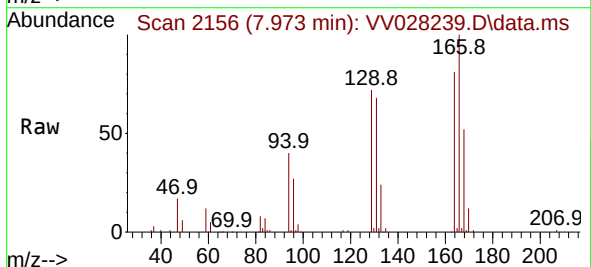
Instrument :
MSVOA_V
ClientSampleId :
EXZ54MS

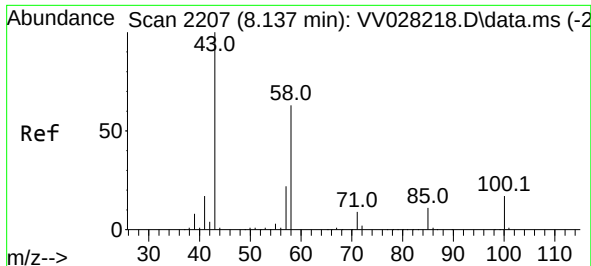
Tgt Ion:	97	Resp:	41675
Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.2	80.2
83	82.3	59.1	109.9
85	52.6	38.5	71.5



#47
Tetrachloroethene
Concen: 5.740 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028239.D
Acq: 30 Sep 2022 20:18

Tgt Ion:	164	Resp:	48257
Ion	Ratio	Lower	Upper
164	100		
129	88.8	66.7	123.9
131	84.5	61.7	114.5
166	123.5	90.9	168.9

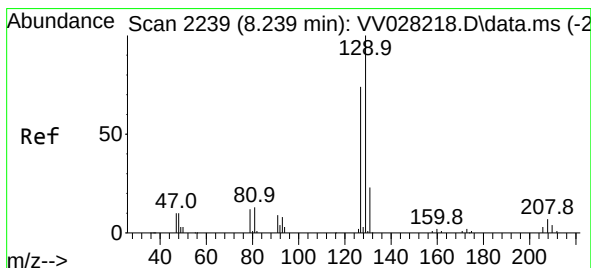
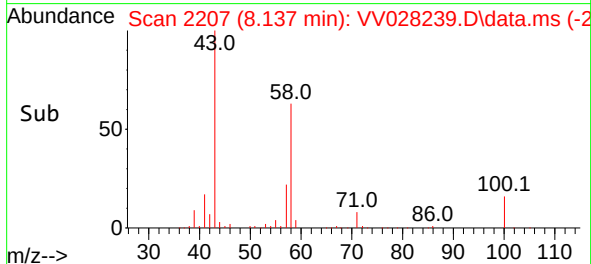
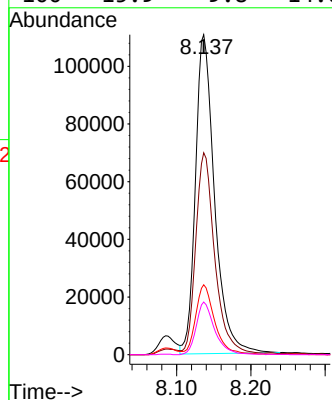
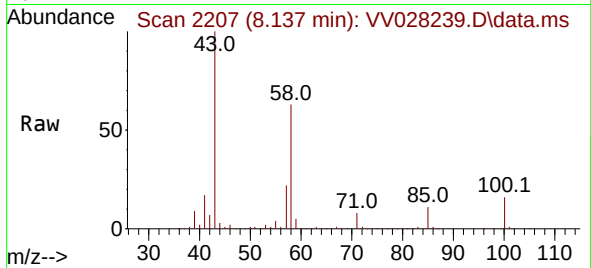




#48
2-Hexanone
Concen: 45.459 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028239.D
Acq: 30 Sep 2022 20:18

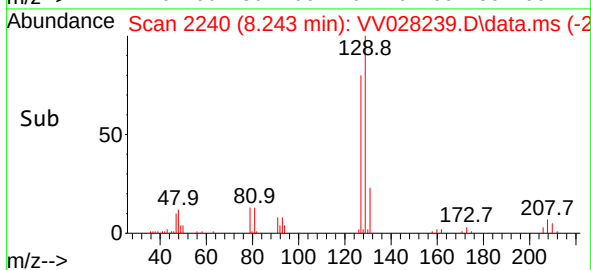
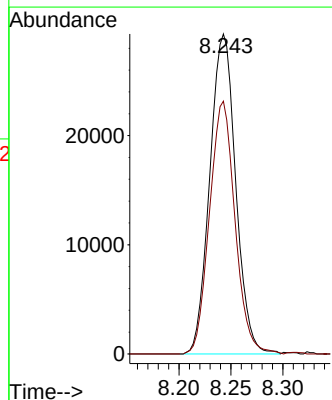
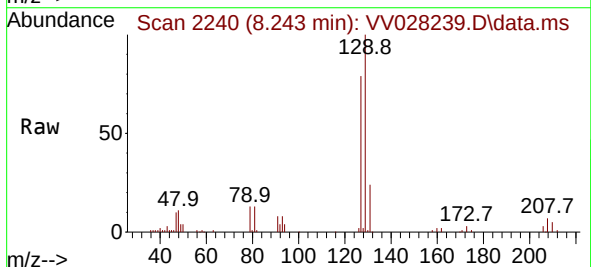
Instrument :
MSVOA_V
ClientSampleId :
EXZ54MS

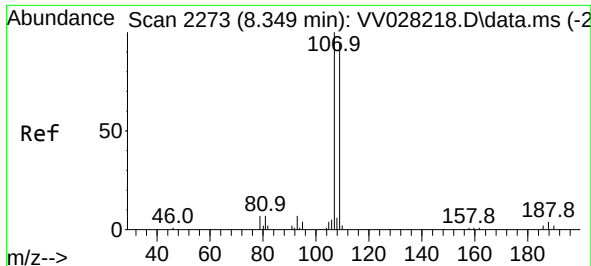
Tgt Ion: 43 Resp: 198781
Ion Ratio Lower Upper
43 100
58 62.1 45.7 68.5
57 21.5 15.5 23.3
100 15.9 9.8 14.6#



#49
Dibromochloromethane
Concen: 5.322 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.003 min
Lab File: VV028239.D
Acq: 30 Sep 2022 20:18

Tgt Ion: 129 Resp: 50877
Ion Ratio Lower Upper
129 100
127 79.0 54.3 100.9





#50

1,2-Dibromoethane

Concen: 5.458 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV028239.D

Acq: 30 Sep 2022 20:18

Instrument :

MSVOA_V

ClientSampleId :

EXZ54MS

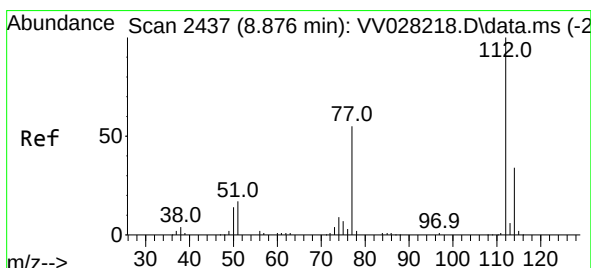
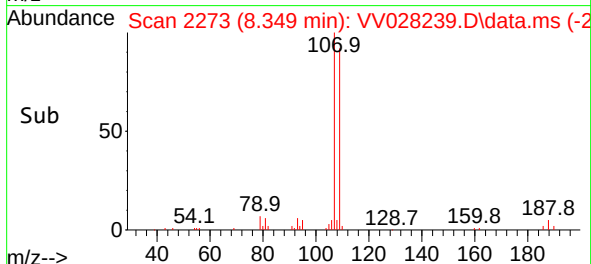
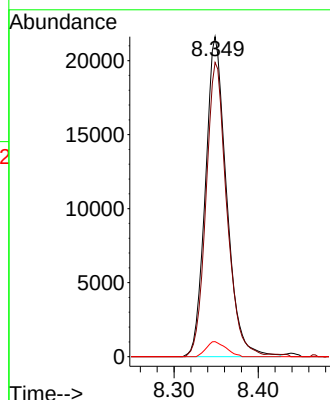
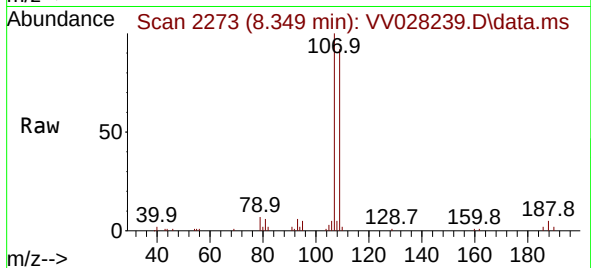
Tgt Ion:107 Resp: 37715

Ion Ratio Lower Upper

107 100

109 92.0 65.9 122.5

188 4.7 3.4 5.0



#51

Chlorobenzene

Concen: 5.231 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV028239.D

Acq: 30 Sep 2022 20:18

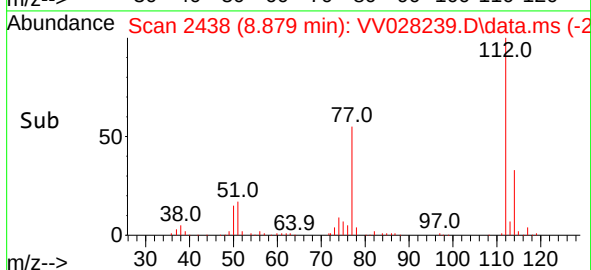
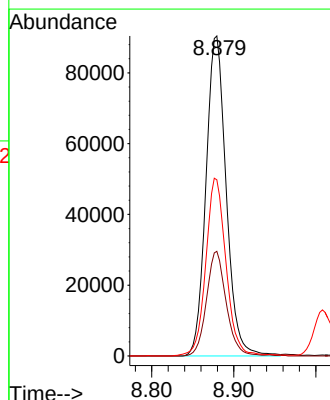
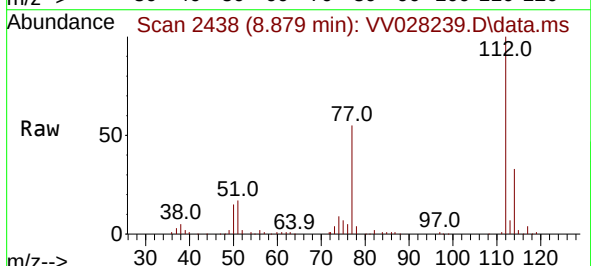
Tgt Ion:112 Resp: 154842

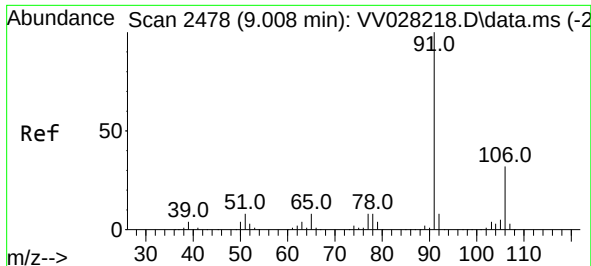
Ion Ratio Lower Upper

112 100

114 32.7 22.5 41.7

77 55.1 46.1 69.1





#52

Ethylbenzene

Concen: 5.081 ug/L

RT: 9.008 min Scan# 2478

Delta R.T. 0.000 min

Lab File: VV028239.D

Acq: 30 Sep 2022 20:18

Instrument :

MSVOA_V

ClientSampleId :

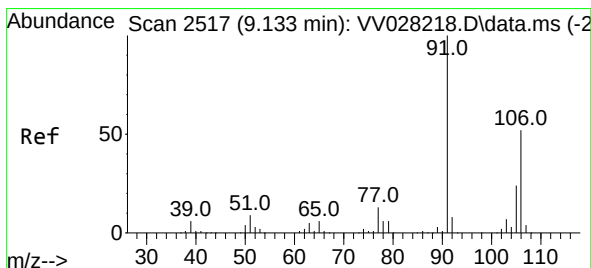
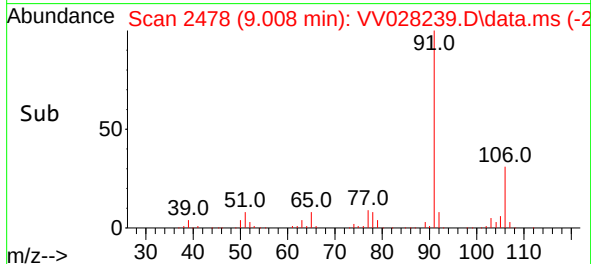
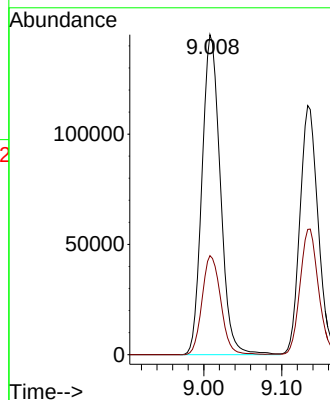
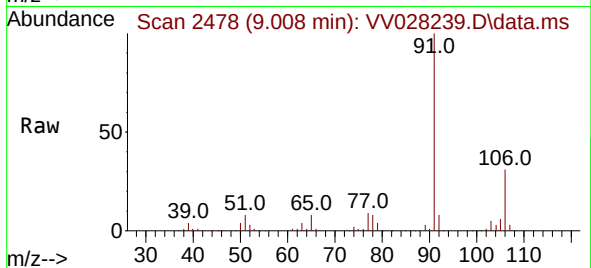
EXZ54MS

Tgt Ion: 91 Resp: 237228

Ion Ratio Lower Upper

91 100

106 30.9 21.5 39.9



#53

m,p-Xylene

Concen: 5.229 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.003 min

Lab File: VV028239.D

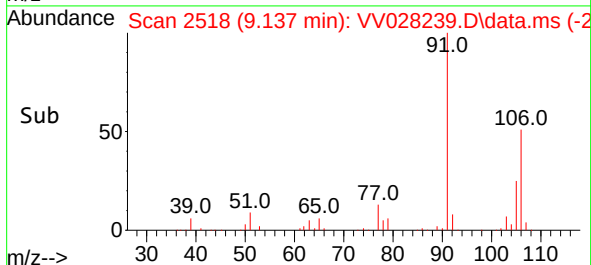
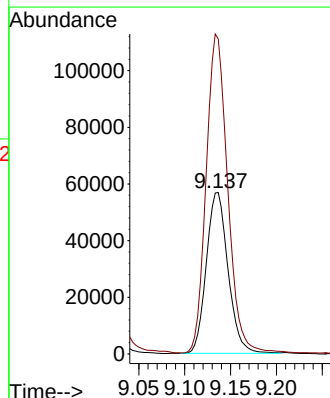
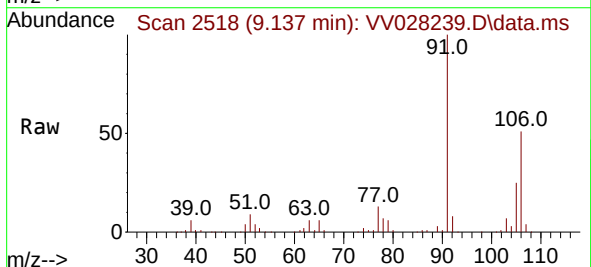
Acq: 30 Sep 2022 20:18

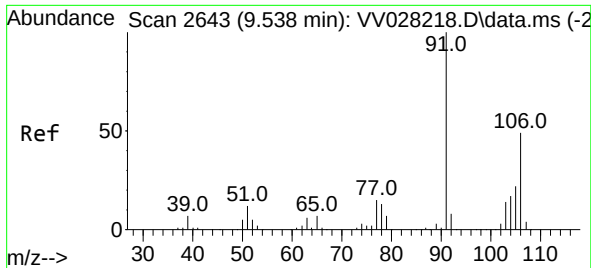
Tgt Ion: 106 Resp: 93575

Ion Ratio Lower Upper

106 100

91 195.0 141.9 263.5

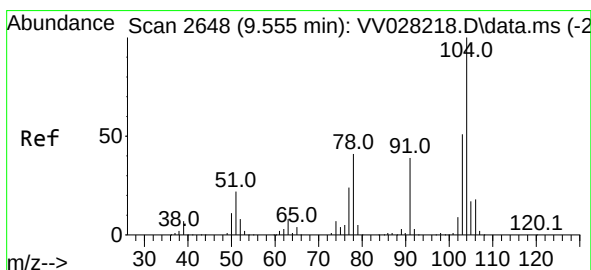
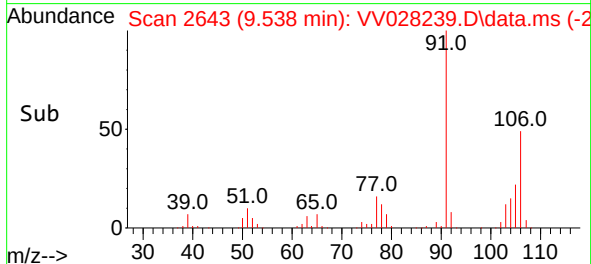
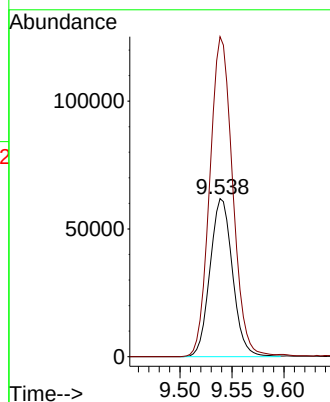
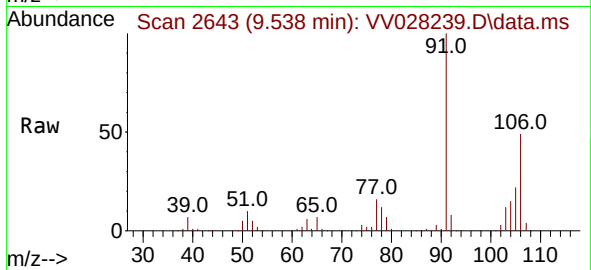




#54
o-Xylene
Concen: 5.271 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.000 min
Lab File: VV028239.D
Acq: 30 Sep 2022 20:18

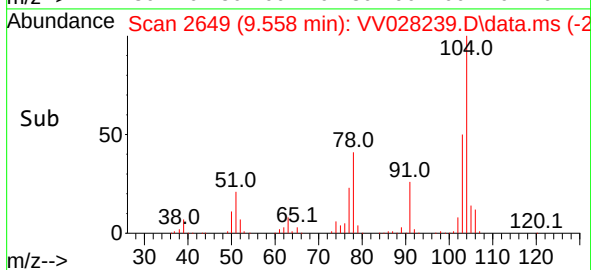
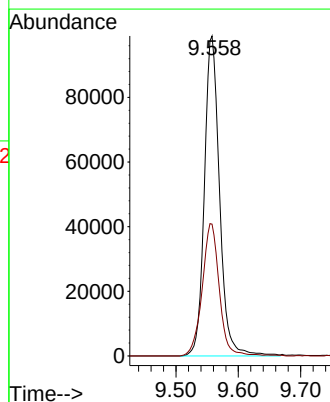
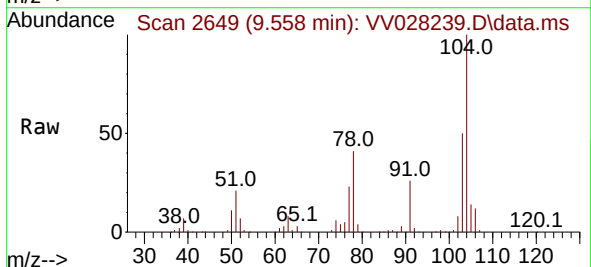
Instrument :
MSVOA_V
ClientSampleId :
EXZ54MS

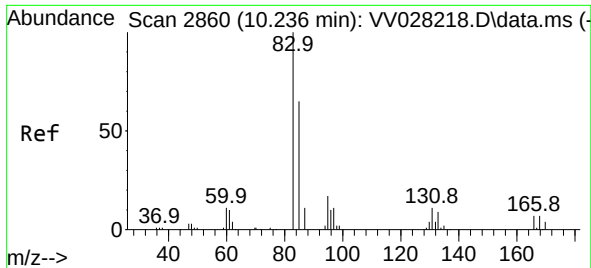
Tgt Ion:106 Resp: 93149
Ion Ratio Lower Upper
106 100
91 202.4 148.1 275.0



#55
Styrene
Concen: 5.488 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.003 min
Lab File: VV028239.D
Acq: 30 Sep 2022 20:18

Tgt Ion:104 Resp: 168045
Ion Ratio Lower Upper
104 100
78 41.2 31.0 57.6

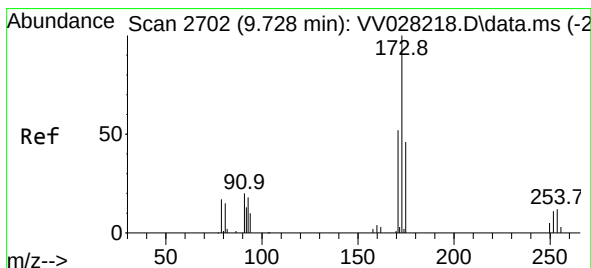
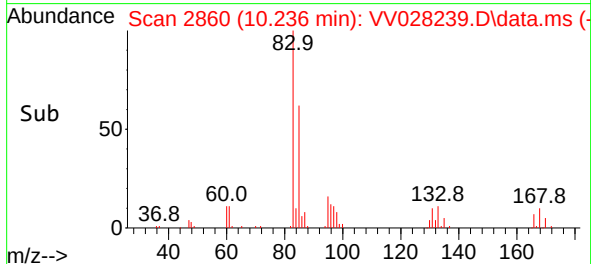
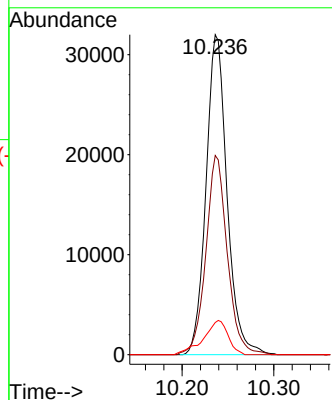
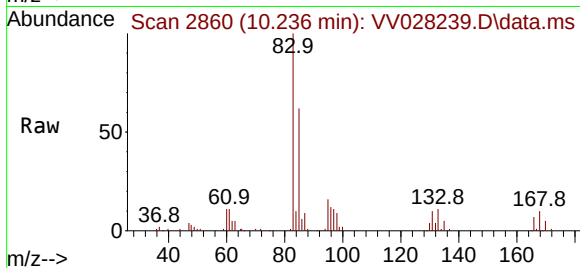




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.499 ug/L
 RT: 10.236 min Scan# 2860
 Delta R.T. -0.000 min
 Lab File: VV028239.D
 Acq: 30 Sep 2022 20:18

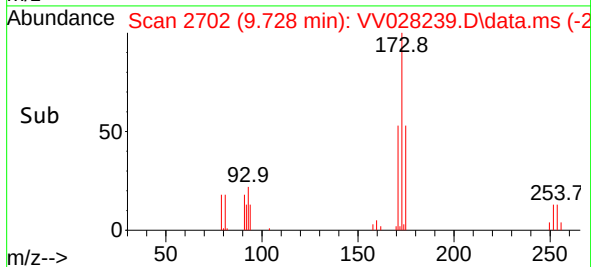
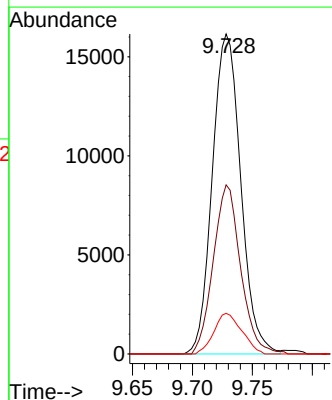
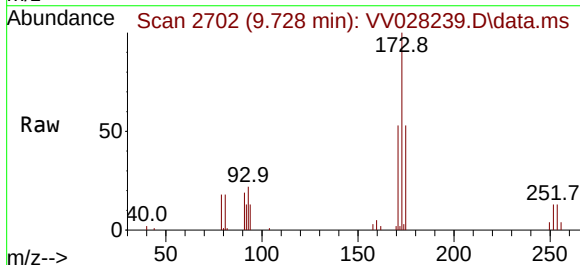
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ54MS

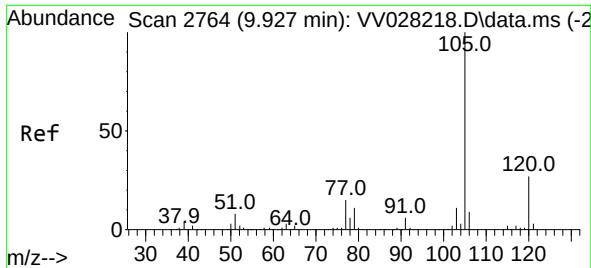
Tgt Ion:	83	Resp:	50945
Ion Ratio	Lower	Upper	
83	100		
85	62.3	45.2	84.0
131	10.0	7.8	11.8



#59
 Bromoform
 Concen: 4.651 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.000 min
 Lab File: VV028239.D
 Acq: 30 Sep 2022 20:18

Tgt Ion:	173	Resp:	26572
Ion Ratio	Lower	Upper	
173	100		
175	50.8	39.0	58.4
254	12.5	8.7	13.1

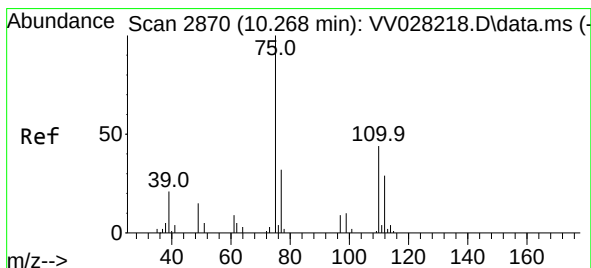
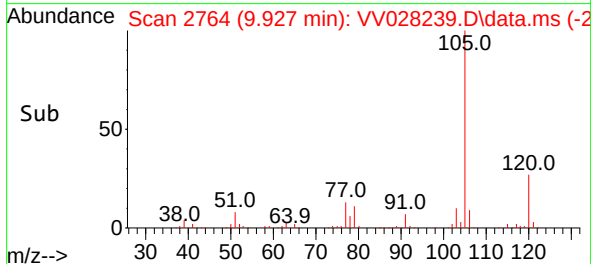
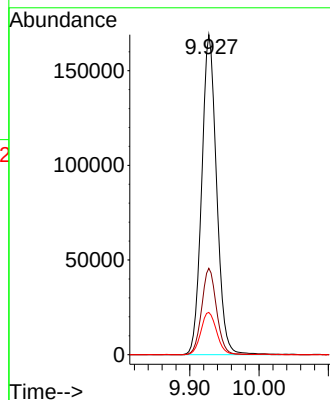
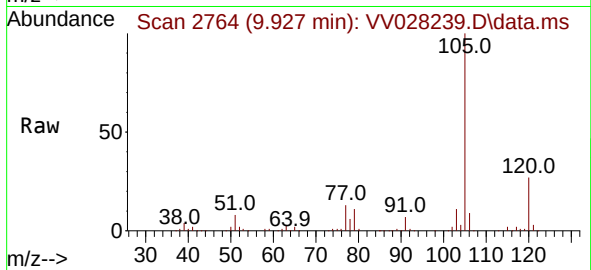




#60
Isopropylbenzene
Concen: 4.783 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028239.D
Acq: 30 Sep 2022 20:18

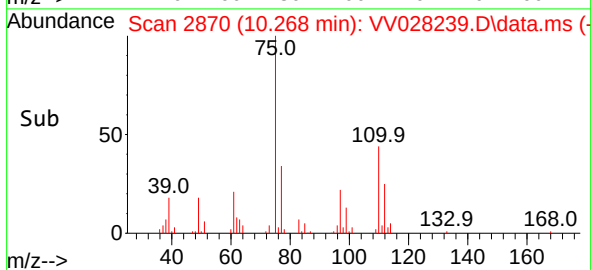
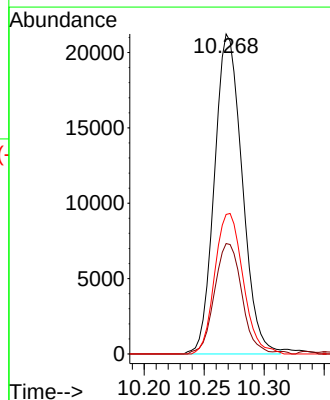
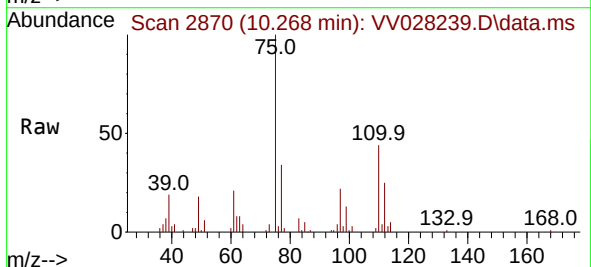
Instrument :
MSVOA_V
ClientSampleId :
EXZ54MS

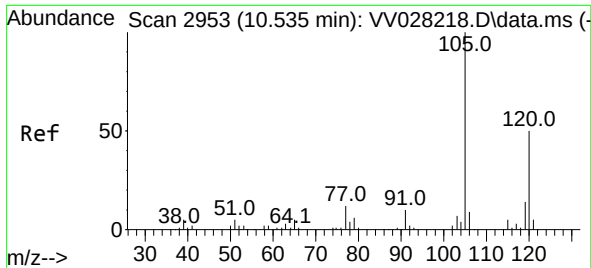
Tgt Ion:105 Resp: 252594
Ion Ratio Lower Upper
105 100
120 26.9 21.4 32.0
77 14.1 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.524 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.000 min
Lab File: VV028239.D
Acq: 30 Sep 2022 20:18

Tgt Ion: 75 Resp: 34144
Ion Ratio Lower Upper
75 100
77 34.0 26.7 40.1
110 44.7 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 4.663 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV028239.D

Acq: 30 Sep 2022 20:18

Instrument :

MSVOA_V

ClientSampleId :

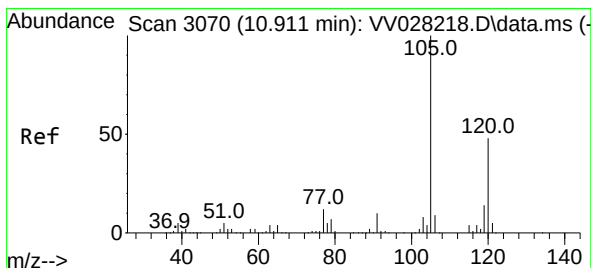
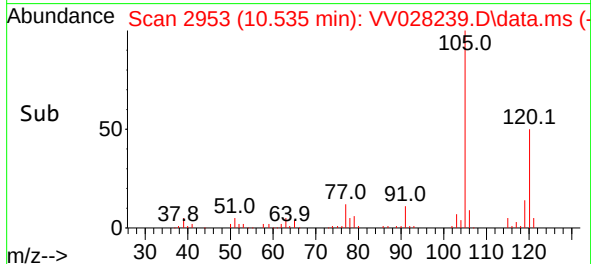
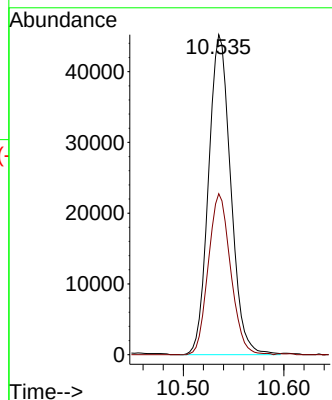
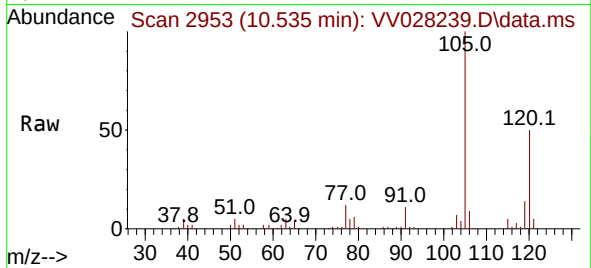
EXZ54MS

Tgt Ion:105 Resp: 69375

Ion Ratio Lower Upper

105 100

120 50.5 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 4.571 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV028239.D

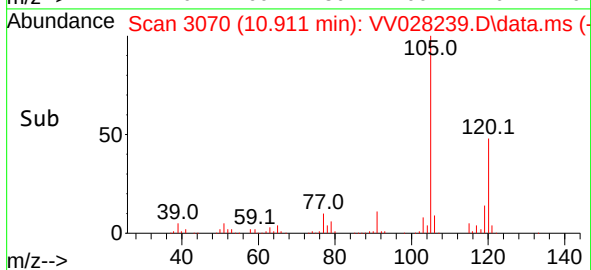
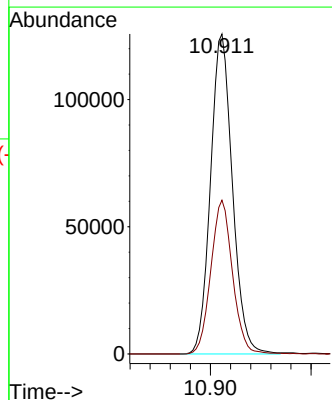
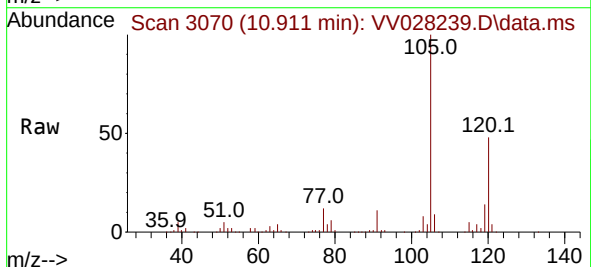
Acq: 30 Sep 2022 20:18

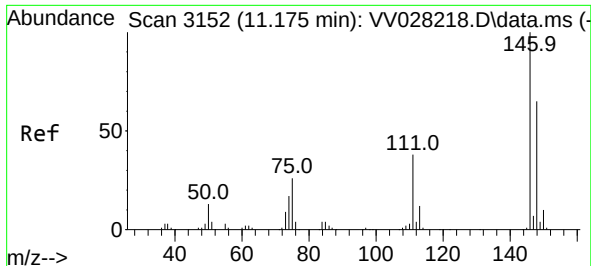
Tgt Ion:105 Resp: 190088

Ion Ratio Lower Upper

105 100

120 47.6 37.8 56.8

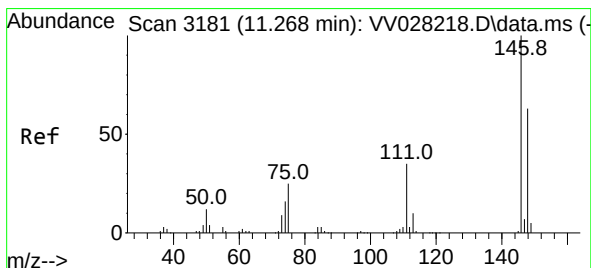
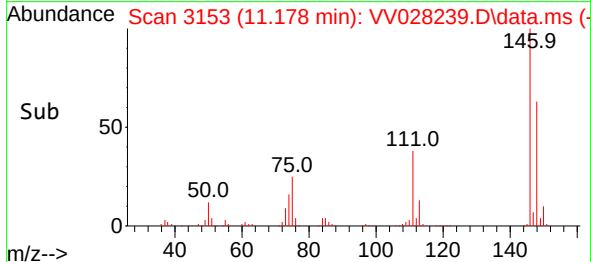
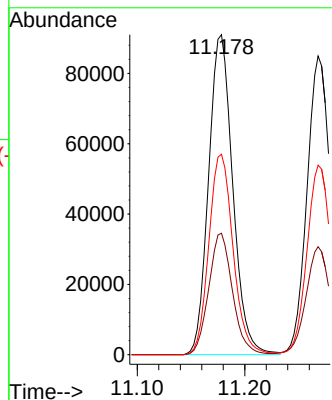
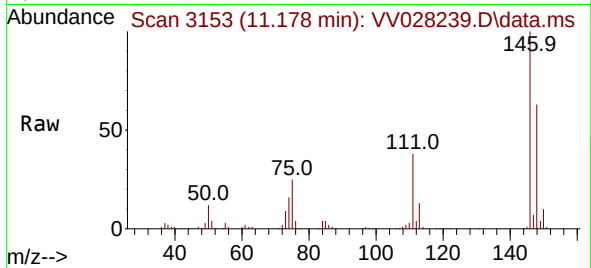




#64
1,3-Dichlorobenzene
Concen: 5.414 ug/L
RT: 11.178 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV028239.D
Acq: 30 Sep 2022 20:18

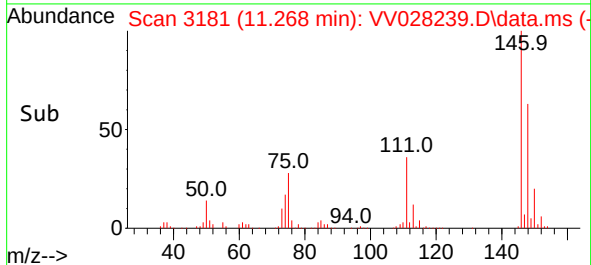
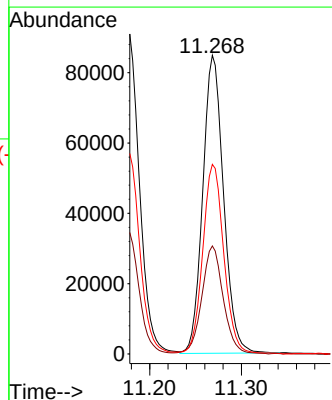
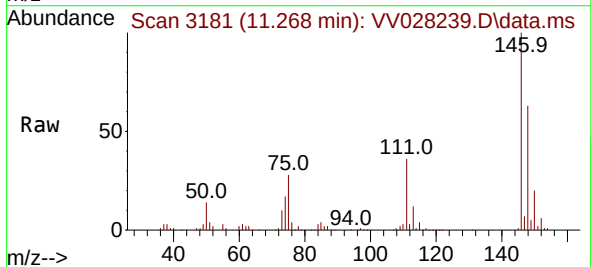
Instrument :
MSVOA_V
ClientSampleId :
EXZ54MS

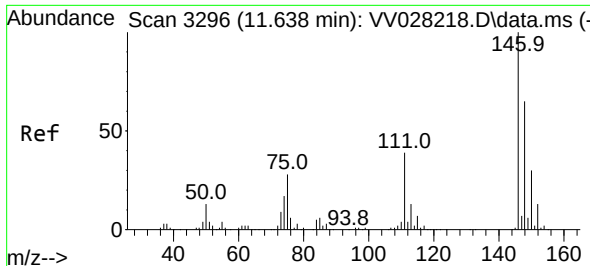
Tgt Ion:146 Resp: 142289
Ion Ratio Lower Upper
146 100
111 37.9 27.1 50.3
148 62.7 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.076 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028239.D
Acq: 30 Sep 2022 20:18

Tgt Ion:146 Resp: 133479
Ion Ratio Lower Upper
146 100
111 36.1 26.2 48.8
148 63.5 45.8 85.2

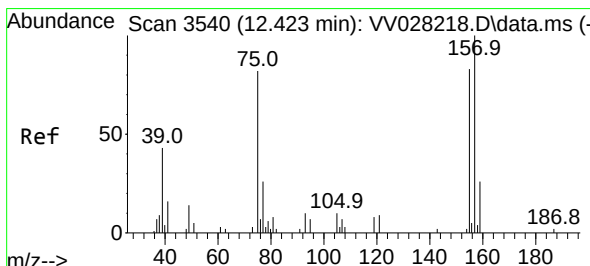
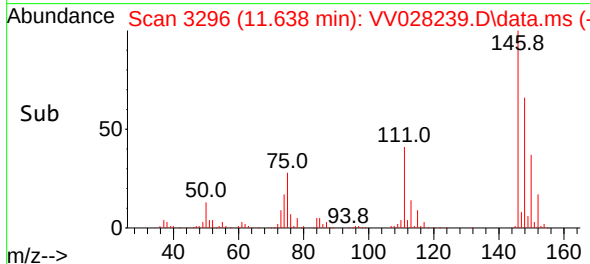
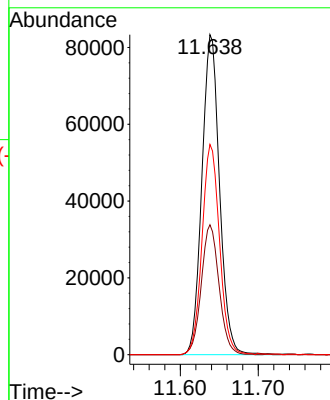
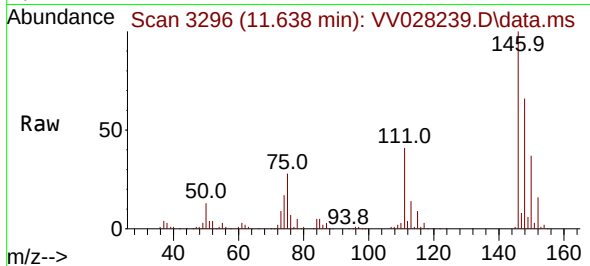




#67
 1,2-Dichlorobenzene
 Concen: 5.284 ug/L
 RT: 11.638 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV028239.D
 Acq: 30 Sep 2022 20:18

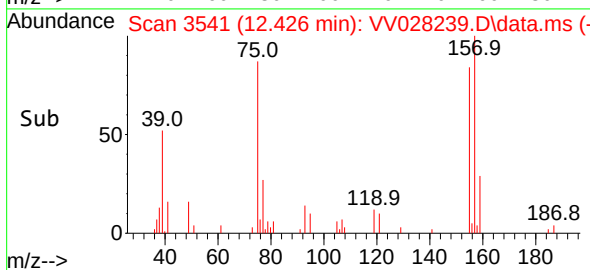
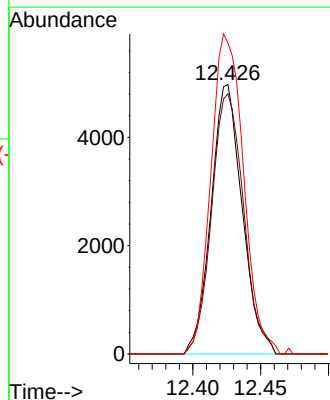
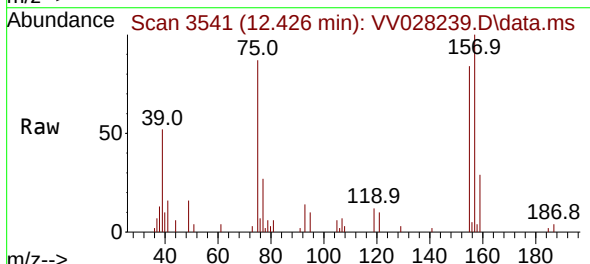
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ54MS

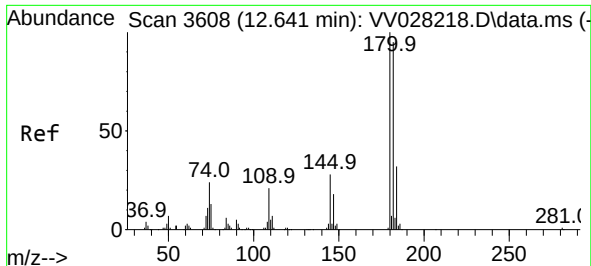
Tgt Ion:146 Resp: 131175
 Ion Ratio Lower Upper
 146 100
 111 40.6 32.6 49.0
 148 65.7 50.1 75.1



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.801 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. 0.003 min
 Lab File: VV028239.D
 Acq: 30 Sep 2022 20:18

Tgt Ion: 75 Resp: 7942
 Ion Ratio Lower Upper
 75 100
 155 96.6 73.6 110.4
 157 115.5 90.7 136.1



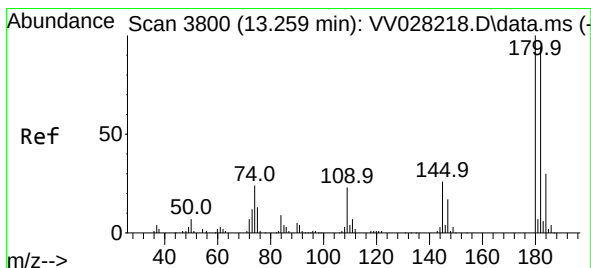
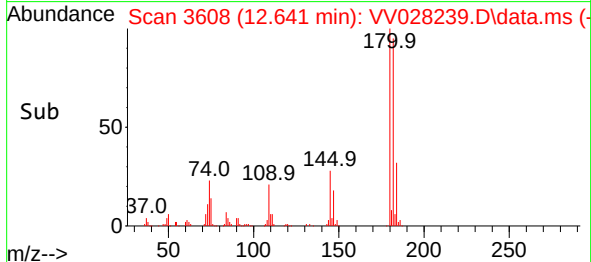
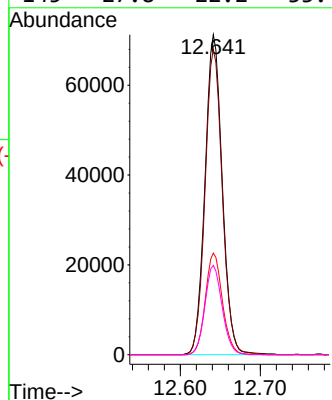
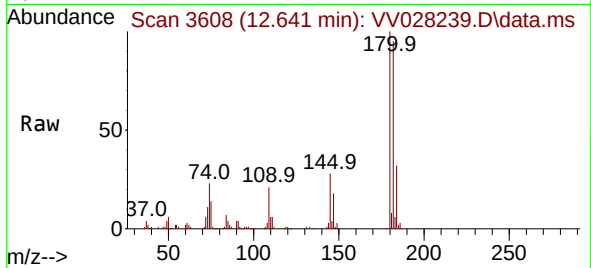


#69
 1,3,5-Trichlorobenzene
 Concen: 5.163 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. -0.000 min
 Lab File: VV028239.D
 Acq: 30 Sep 2022 20:18

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ54MS

Tgt Ion:180 Resp: 107401

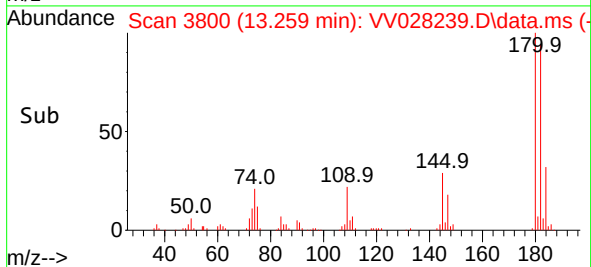
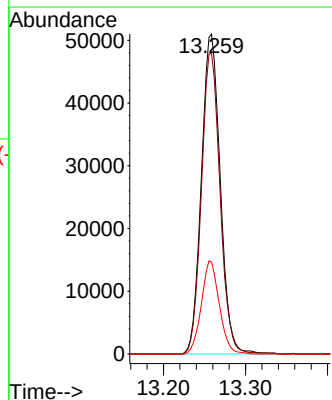
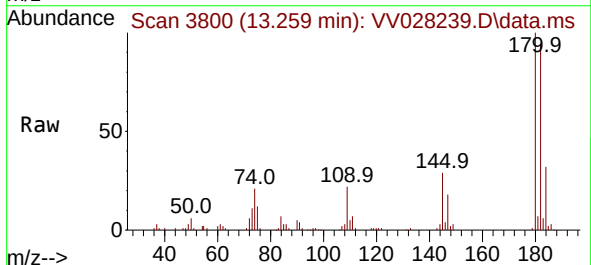
Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.5	113.3
184	31.3	23.7	35.5
145	27.8	22.2	33.4

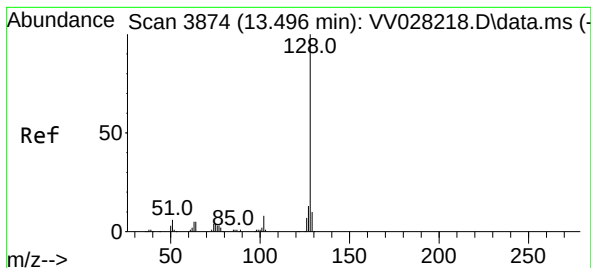


#70
 1,2,4-trichlorobenzene
 Concen: 4.891 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.003 min
 Lab File: VV028239.D
 Acq: 30 Sep 2022 20:18

Tgt Ion:180 Resp: 81374

Ion	Ratio	Lower	Upper
180	100		
182	92.9	76.3	114.5
145	27.7	22.9	34.3





#71

Naphthalene

Concen: 4.648 ug/L

RT: 13.500 min Scan# 3950

Delta R.T. 0.003 min

Lab File: VV028239.D

Acq: 30 Sep 2022 20:18

Instrument :

MSVOA_V

ClientSampleId :

EXZ54MS

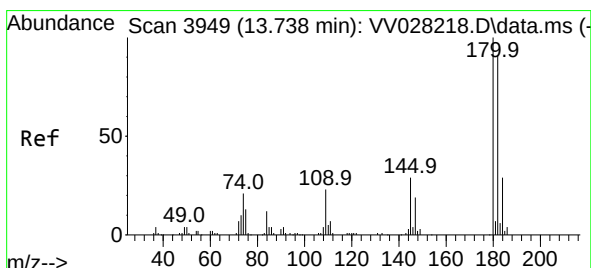
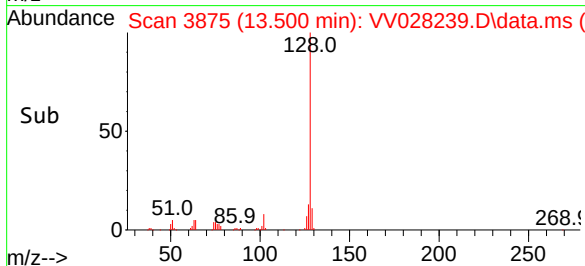
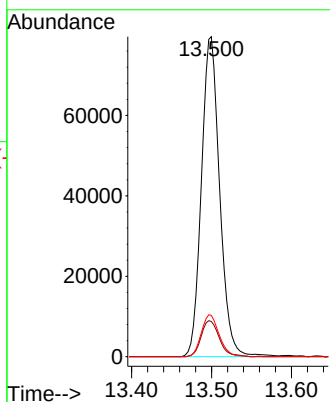
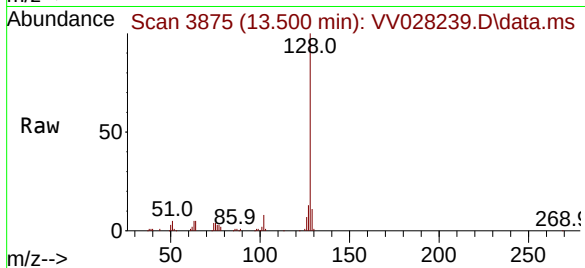
Tgt Ion:128 Resp: 126622

Ion Ratio Lower Upper

128 100

129 11.2 8.2 12.2

127 12.8 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.030 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV028239.D

Acq: 30 Sep 2022 20:18

Tgt Ion:180 Resp: 75698

Ion Ratio Lower Upper

180 100

182 94.8 77.4 116.0

145 29.5 24.6 36.8

