

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121222\
 Data File : VW029637.D
 Acq On : 13 Dec 2022 07:53
 Operator : SY/MD
 Sample : N5928-10MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ72MS

Quant Time: Dec 13 08:21:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 13 04:57:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	530332	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	491242	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	265925	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	157798	48.590	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.180%
7) Chloroethane-d5	1.564	69	129667	52.362	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.720%
11) 1,1-Dichloroethene-d2	2.108	63	268624	53.033	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.060%
21) 2-Butanone-d5	3.873	46	181761	91.748	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.750%
24) Chloroform-d	4.339	84	276809	45.295	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.024	65	154702	44.323	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.640%
32) Benzene-d6	5.043	84	582114	44.846	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.700%
36) 1,2-Dichloropropane-d6	6.063	67	174467	44.003	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.000%
41) Toluene-d8	7.307	98	535913	43.818	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.640%
43) trans-1,3-Dichloroprop...	7.612	79	75021	37.471	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.940%
47) 2-Hexanone-d5	8.082	63	153470	90.645	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.640%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	233640	41.237	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.480%
66) 1,2-Dichlorobenzene-d4	11.612	152	209343	41.354	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	186584	44.666	ug/L	100
3) Chloromethane	1.240	50	211222	44.349	ug/L	100
5) Vinyl chloride	1.310	62	202669	50.860	ug/L	99
6) Bromomethane	1.519	94	94395	58.872	ug/L	100
8) Chloroethane	1.581	64	122632	55.267	ug/L	99
9) Trichlorofluoromethane	1.751	101	253047	50.727	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	143421	51.741	ug/L	98
12) 1,1-Dichloroethene	2.118	96	148967	52.550	ug/L	98
13) Acetone	2.163	43	141774	109.854	ug/L	99
14) Carbon disulfide	2.291	76	429785	45.555	ug/L	100
15) Methyl Acetate	2.426	43	127627	43.406	ug/L	98
16) Methylene chloride	2.503	84	194258	55.114	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	163409	50.029	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	516905	51.653	ug/L	99
19) 1,1-Dichloroethane	3.185	63	291042	52.013	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	199209	55.464	ug/L	95
22) 2-Butanone	3.957	43	218206	106.259	ug/L	95
23) Bromochloromethane	4.240	128	92767	50.159	ug/L	94
25) Chloroform	4.368	83	356700	61.489	ug/L	100

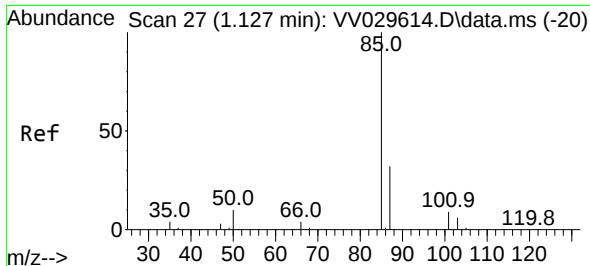
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121222\
 Data File : VV029637.D
 Acq On : 13 Dec 2022 07:53
 Operator : SY/MD
 Sample : N5928-10MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ72MS

Quant Time: Dec 13 08:21:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 13 04:57:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	214449	52.331	ug/L	98
29) Cyclohexane	4.670	56	252668	47.481	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	263805	49.290	ug/L	98
31) Carbon tetrachloride	4.822	117	217403	46.516	ug/L	98
33) Benzene	5.092	78	681788	49.238	ug/L	100
34) Trichloroethene	5.908	95	170592	49.165	ug/L	99
35) Methylcyclohexane	6.127	83	274230	46.534	ug/L	98
37) 1,2-Dichloropropane	6.166	63	175308	52.456	ug/L	100
38) Bromodichloromethane	6.503	83	221496	48.010	ug/L	97
39) cis-1,3-Dichloropropene	7.018	75	229475	41.750	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	435065	109.184	ug/L	97
42) Toluene	7.381	91	726388	48.739	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	220399	42.343	ug/L	99
45) 1,1,2-Trichloroethane	7.828	97	171921	49.793	ug/L	98
46) Tetrachloroethene	7.966	164	132874	47.631	ug/L	99
48) 2-Hexanone	8.133	43	333668	109.604	ug/L	97
49) Dibromochloromethane	8.236	129	180871	47.448	ug/L	99
50) 1,2-Dibromoethane	8.342	107	170728	47.996	ug/L	100
51) Chlorobenzene	8.873	112	464210	49.188	ug/L	99
52) Ethylbenzene	9.005	91	772391	49.294	ug/L	99
53) m,p-Xylene	9.130	106	301635	48.638	ug/L	99
54) o-Xylene	9.535	106	289349	47.168	ug/L	98
55) Styrene	9.551	104	519227	48.706	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	266635	48.277	ug/L	100
59) Bromoform	9.722	173	131224	44.671	ug/L	99
60) Isopropylbenzene	9.921	105	756184	48.433	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	202405	49.310	ug/L	100
62) 1,3,5-Trimethylbenzene	10.529	105	658748	47.719	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	662864	48.441	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	367024	48.078	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	371464	47.880	ug/L	100
67) 1,2-Dichlorobenzene	11.632	146	375371	48.086	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.416	75	54606	42.802	ug/L	96
69) 1,3,5-Trichlorobenzene	12.632	180	272663	44.882	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	247423	45.800	ug/L	100
71) Naphthalene	13.490	128	601836	49.114	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	253697	47.946	ug/L	99

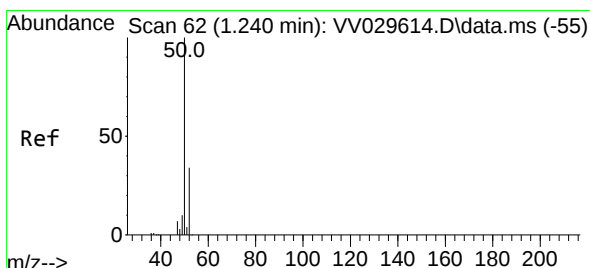
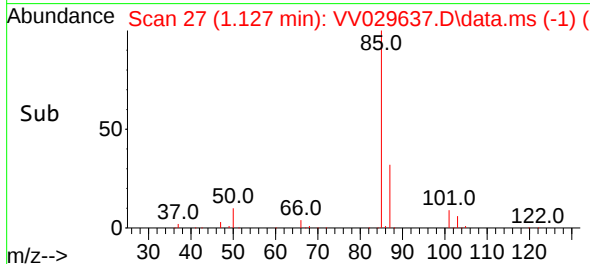
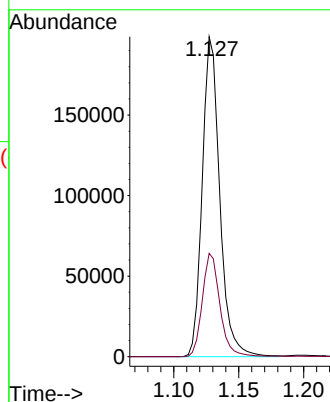
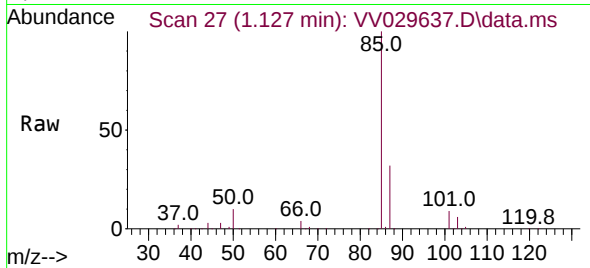
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 44.666 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029637.D
 Acq: 13 Dec 2022 07:53

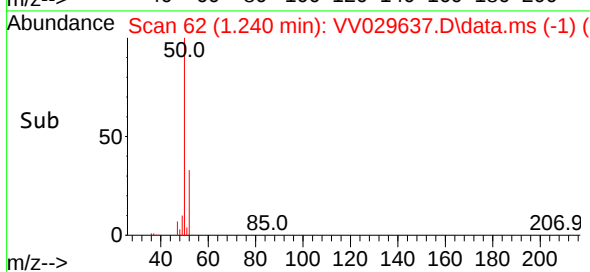
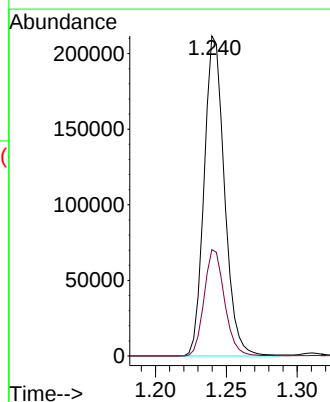
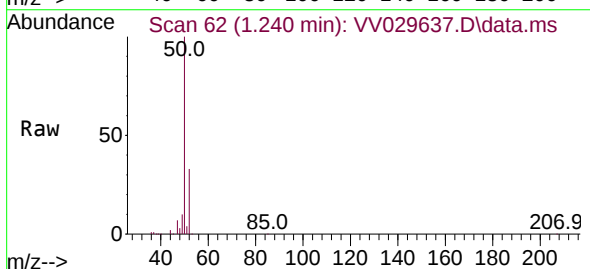
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ72MS

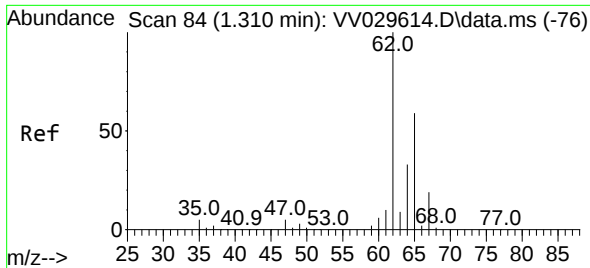
Tgt Ion: 85 Resp: 186584
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.9 38.9



#3
 Chloromethane
 Concen: 44.349 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029637.D
 Acq: 13 Dec 2022 07:53

Tgt Ion: 50 Resp: 211222
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.3 43.3

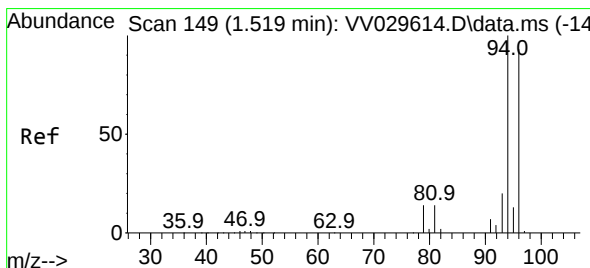
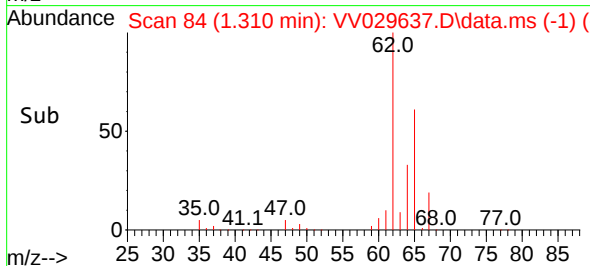
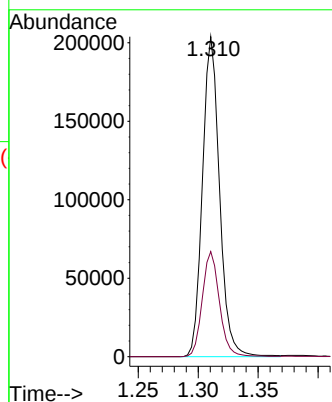
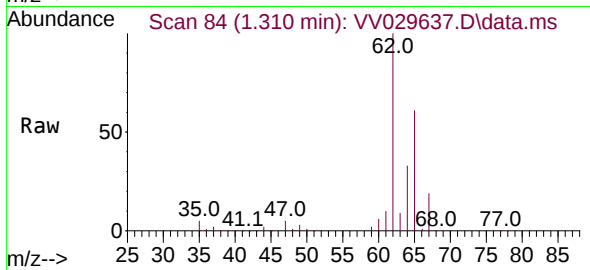




#5
 Vinyl chloride
 Concen: 50.860 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV029637.D
 Acq: 13 Dec 2022 07:53

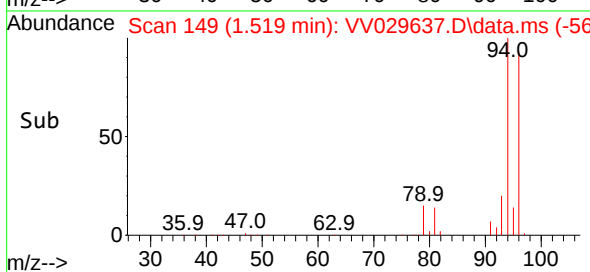
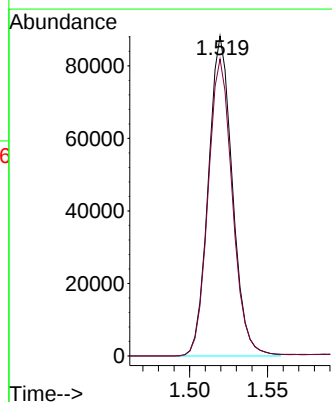
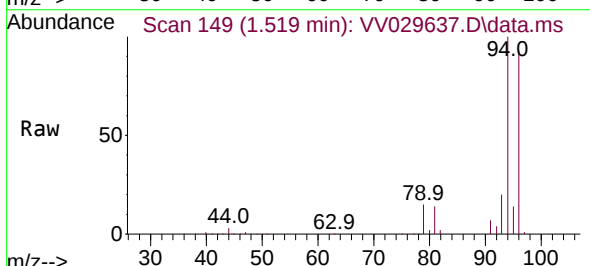
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ72MS

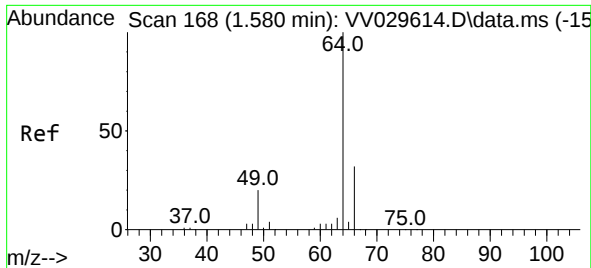
Tgt Ion: 62 Resp: 202669
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.5 41.9



#6
 Bromomethane
 Concen: 58.872 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV029637.D
 Acq: 13 Dec 2022 07:53

Tgt Ion: 94 Resp: 94395
 Ion Ratio Lower Upper
 94 100
 96 92.8 65.1 120.9

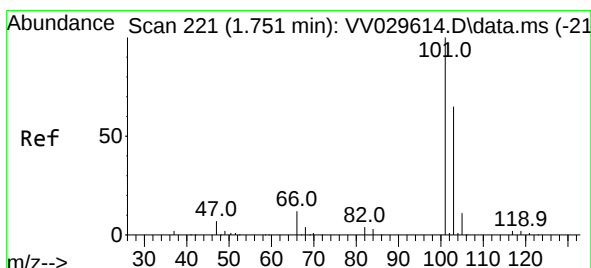
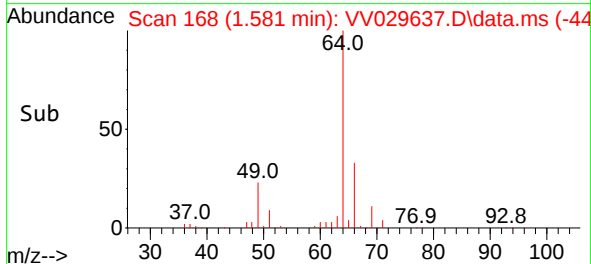
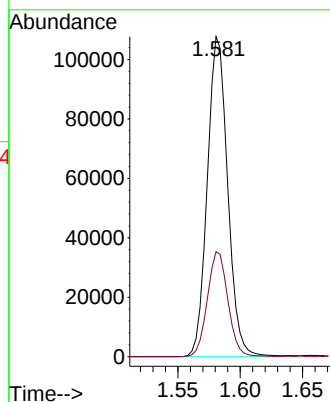
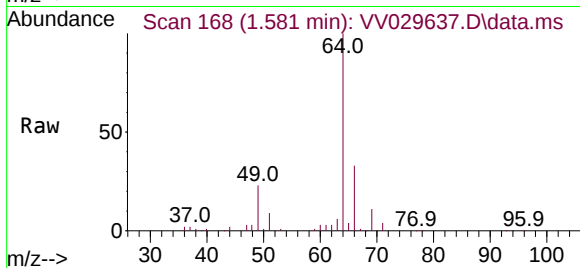




#8
Chloroethane
Concen: 55.267 ug/L
RT: 1.581 min Scan# 168
Delta R.T. 0.000 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

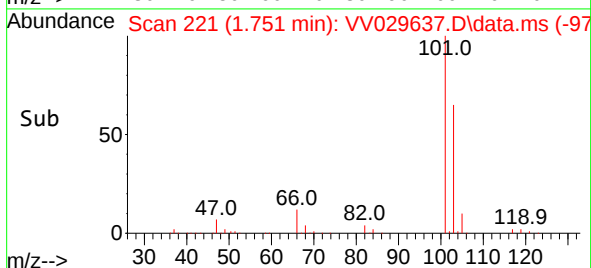
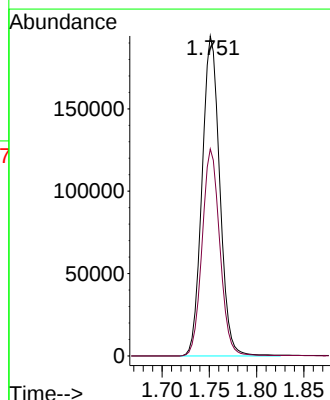
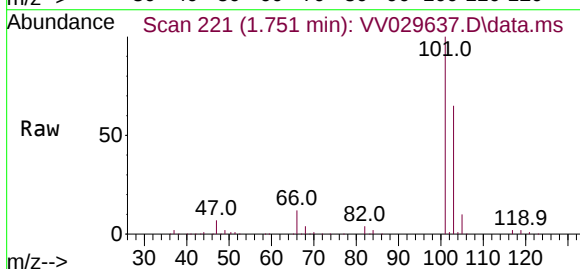
Instrument :
MSVOA_V
ClientSampleId :
EXZ72MS

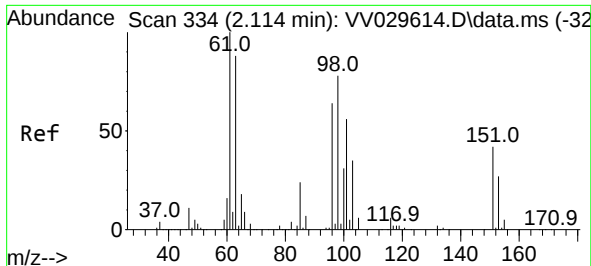
Tgt Ion: 64 Resp: 122632
Ion Ratio Lower Upper
64 100
66 32.8 22.5 41.9



#9
Trichlorofluoromethane
Concen: 50.727 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

Tgt Ion:101 Resp: 253047
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.8

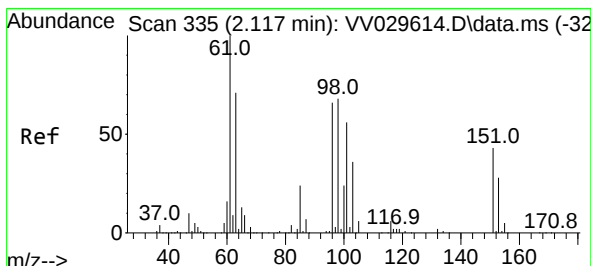
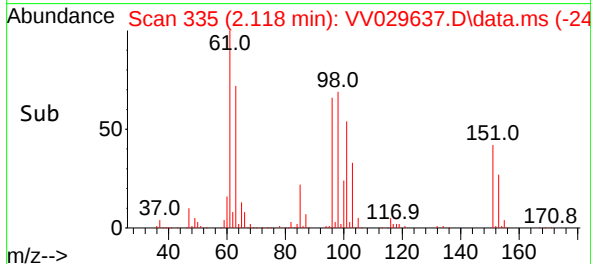
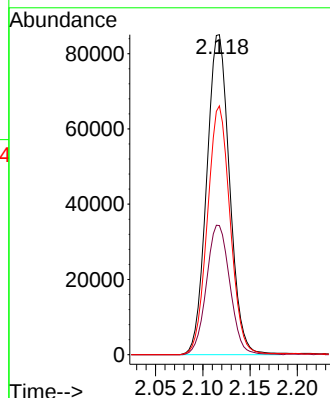
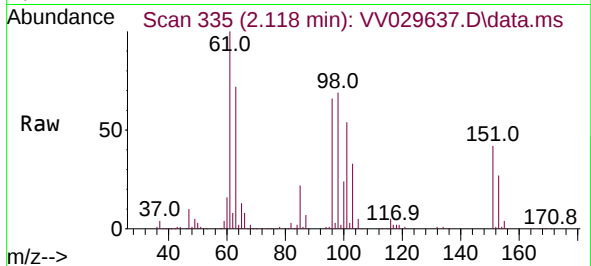




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 51.741 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

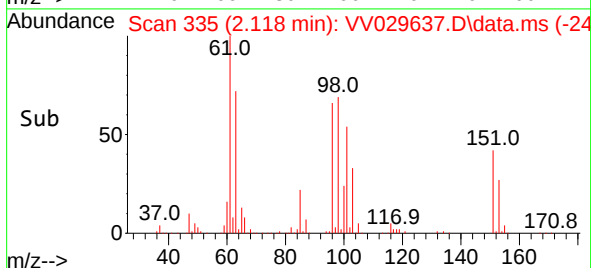
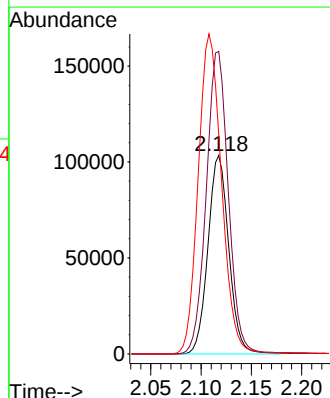
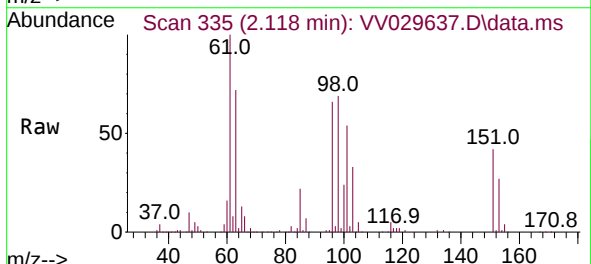
Instrument :
MSVOA_V
ClientSampleId :
EXZ72MS

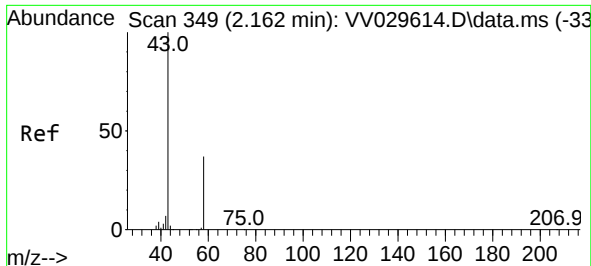
Tgt Ion:101 Resp: 143421
Ion Ratio Lower Upper
101 100
85 41.4 33.6 50.4
151 77.2 63.5 95.3



#12
1,1-Dichloroethene
Concen: 52.550 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

Tgt Ion: 96 Resp: 148967
Ion Ratio Lower Upper
96 100
61 152.4 103.3 191.9
63 110.3 77.3 143.7





#13

Acetone

Concen: 109.854 ug/L

RT: 2.163 min Scan# 349

Delta R.T. 0.000 min

Lab File: VV029637.D

Acq: 13 Dec 2022 07:53

Instrument :

MSVOA_V

ClientSampleId :

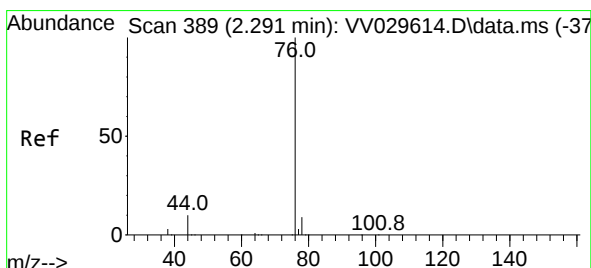
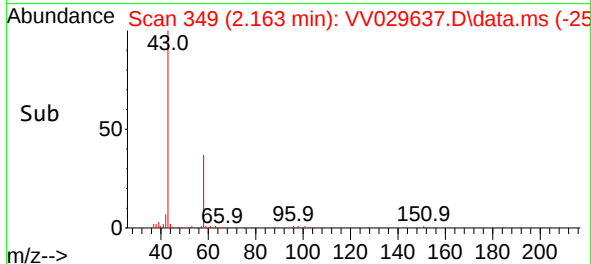
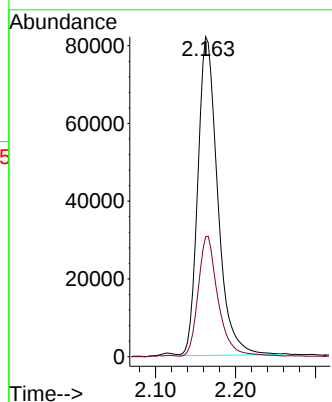
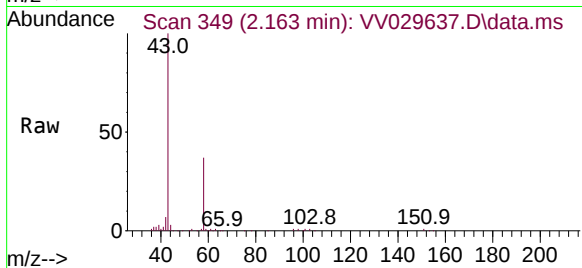
EXZ72MS

Tgt Ion: 43 Resp: 141774

Ion Ratio Lower Upper

43 100

58 37.8 0.0 74.8



#14

Carbon disulfide

Concen: 45.555 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.000 min

Lab File: VV029637.D

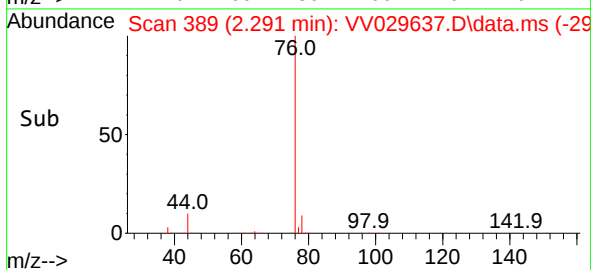
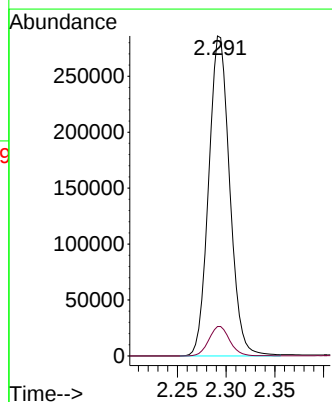
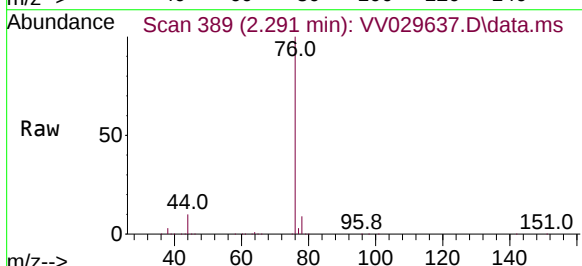
Acq: 13 Dec 2022 07:53

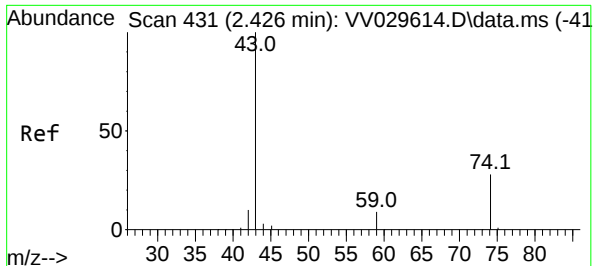
Tgt Ion: 76 Resp: 429785

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

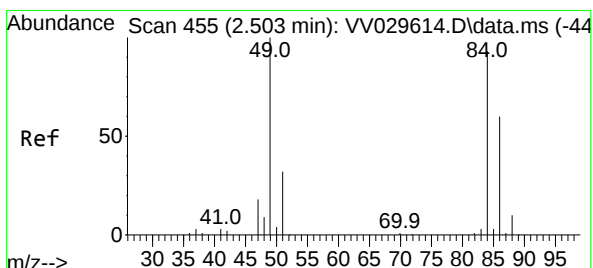
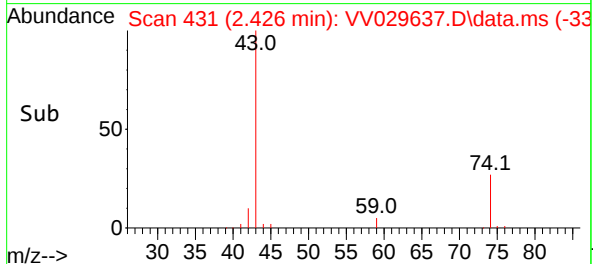
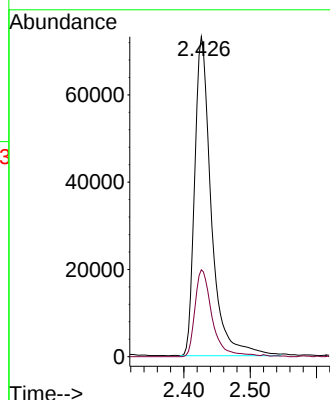
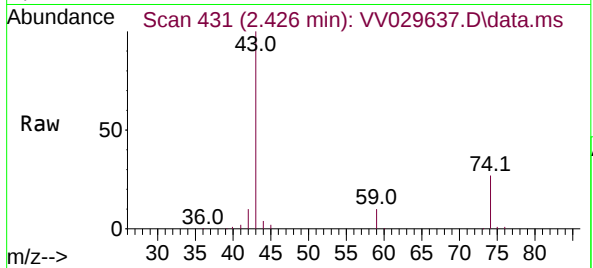




#15
Methyl Acetate
Concen: 43.406 ug/L
RT: 2.426 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

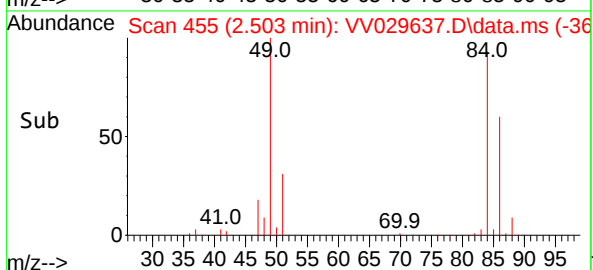
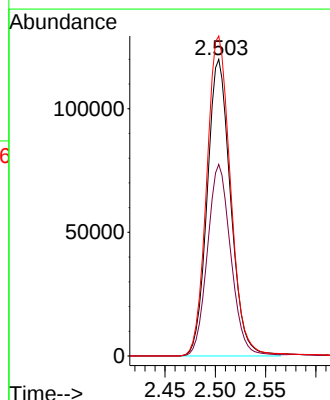
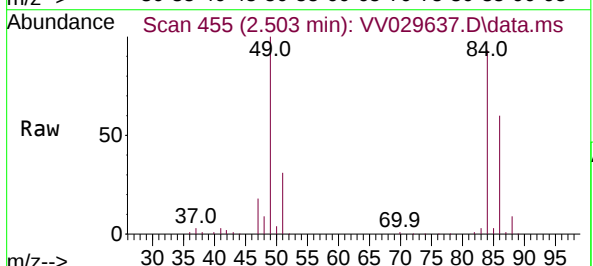
Instrument :
MSVOA_V
ClientSampleId :
EXZ72MS

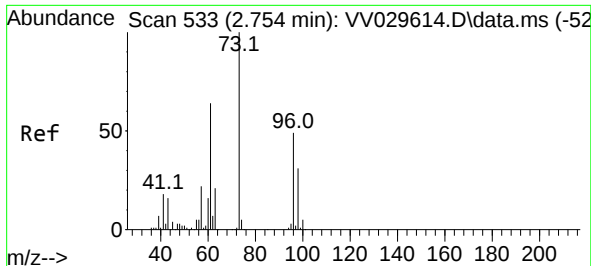
Tgt Ion: 43 Resp: 127627
Ion Ratio Lower Upper
43 100
74 28.1 23.5 35.3



#16
Methylene chloride
Concen: 55.114 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

Tgt Ion: 84 Resp: 194258
Ion Ratio Lower Upper
84 100
86 64.6 46.0 85.4
49 107.9 72.2 134.0

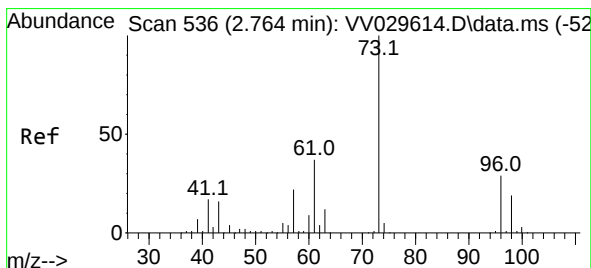
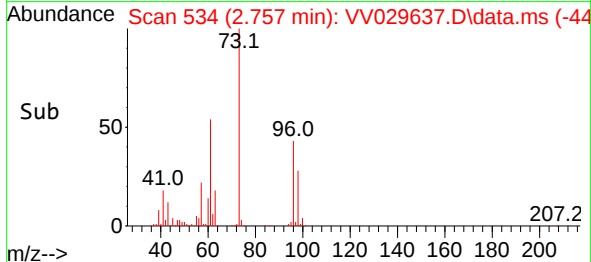
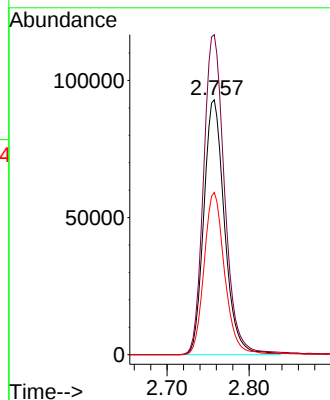
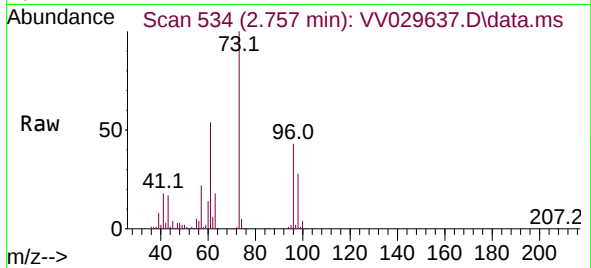




#17
trans-1,2-Dichloroethene
Concen: 50.029 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

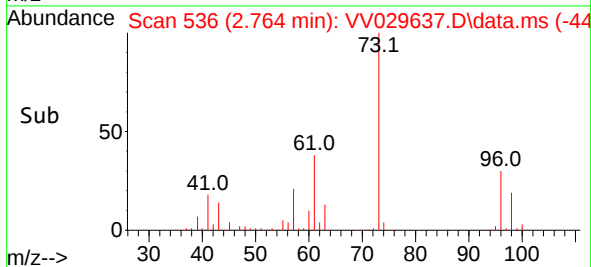
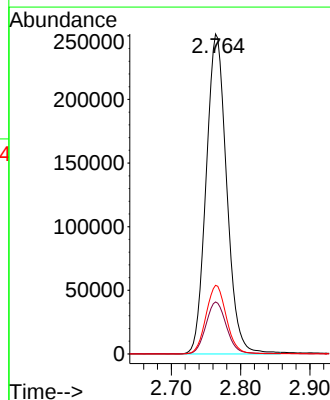
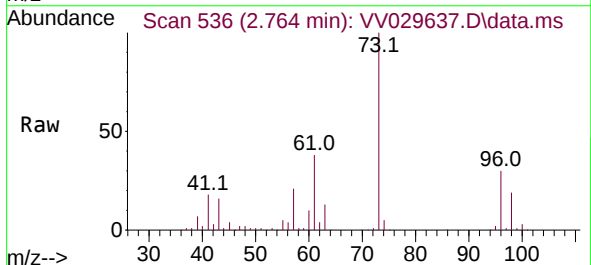
Instrument :
MSVOA_V
ClientSampleId :
EXZ72MS

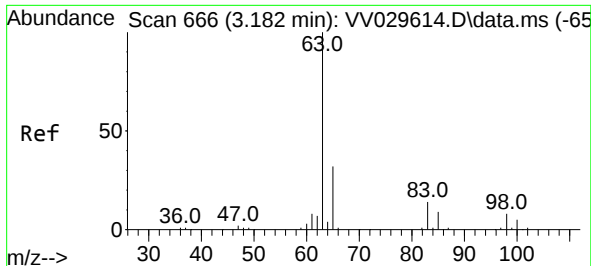
Tgt Ion: 96 Resp: 163409
Ion Ratio Lower Upper
96 100
61 125.6 86.4 160.4
98 63.6 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 51.653 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

Tgt Ion: 73 Resp: 516905
Ion Ratio Lower Upper
73 100
43 16.1 12.7 19.1
57 21.4 16.7 25.1





#19

1,1-Dichloroethane

Concen: 52.013 ug/L

RT: 3.185 min Scan# 666

Delta R.T. 0.003 min

Lab File: VV029637.D

Acq: 13 Dec 2022 07:53

Instrument :

MSVOA_V

ClientSampleId :

EXZ72MS

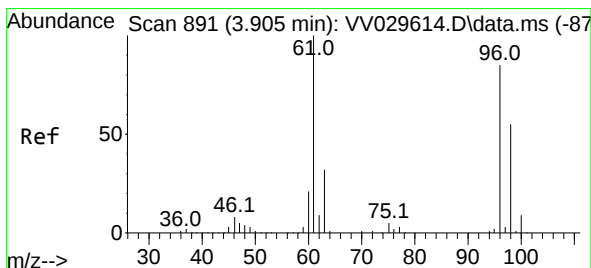
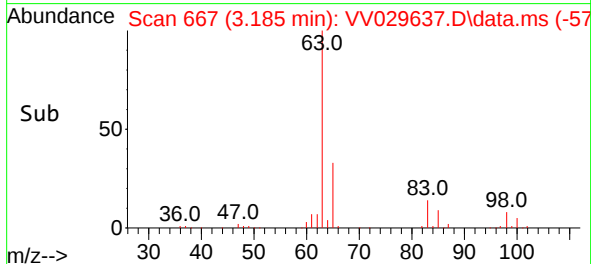
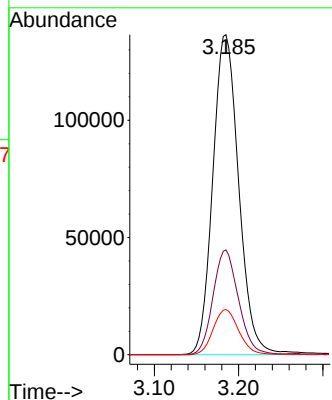
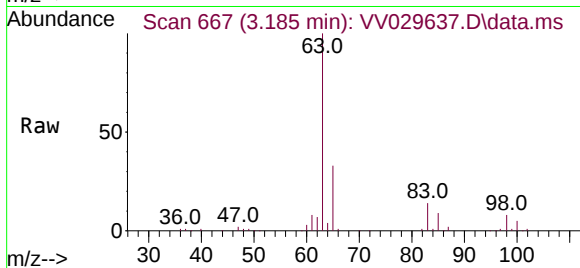
Tgt Ion: 63 Resp: 291042

Ion Ratio Lower Upper

63 100

65 32.7 22.5 41.7

83 14.1 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 55.464 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.000 min

Lab File: VV029637.D

Acq: 13 Dec 2022 07:53

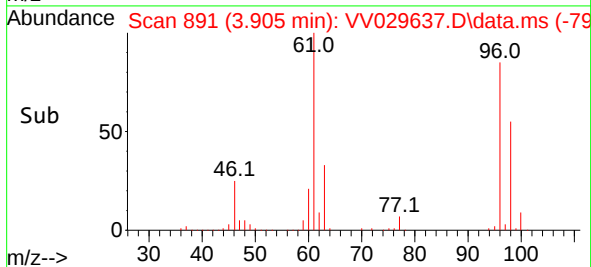
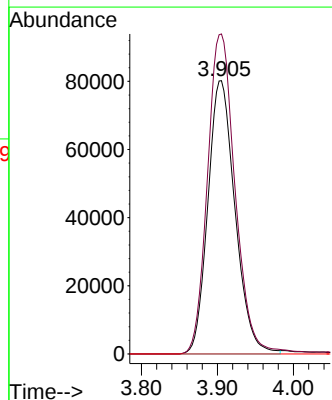
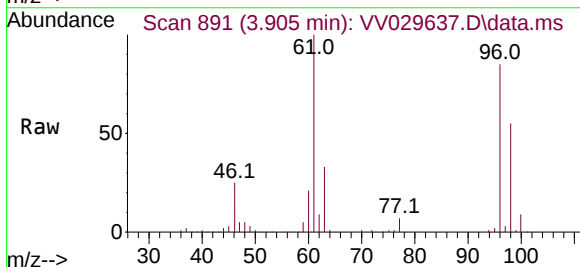
Tgt Ion: 96 Resp: 199209

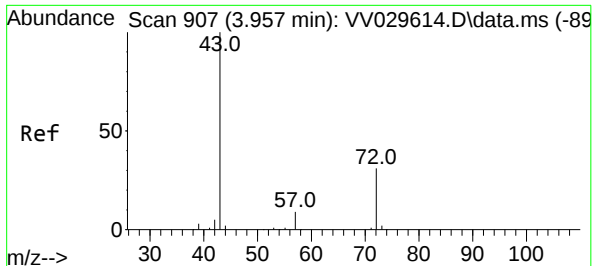
Ion Ratio Lower Upper

96 100

61 117.1 78.0 144.9

68 0.0 0.0 0.0

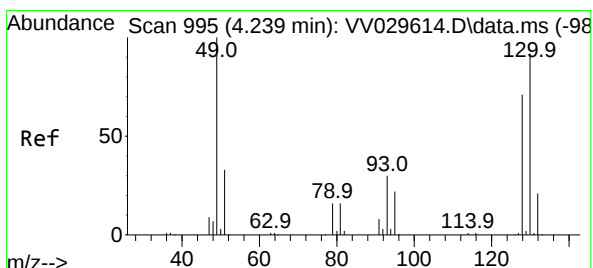
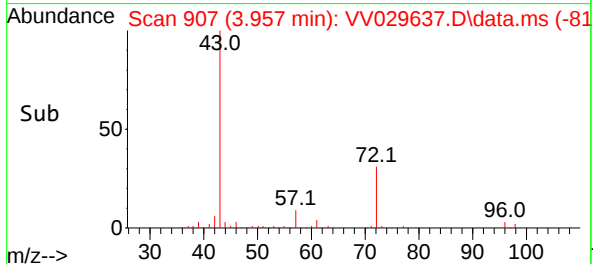
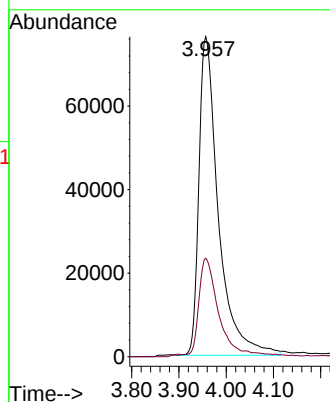
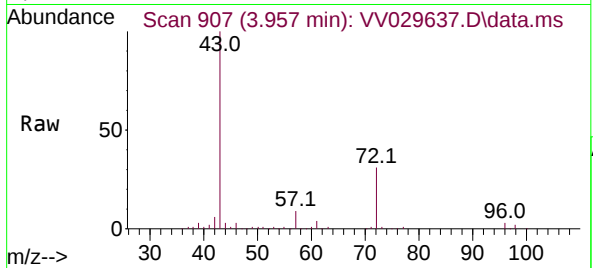




#22
2-Butanone
Concen: 106.259 ug/L
RT: 3.957 min Scan# 907
Delta R.T. 0.000 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

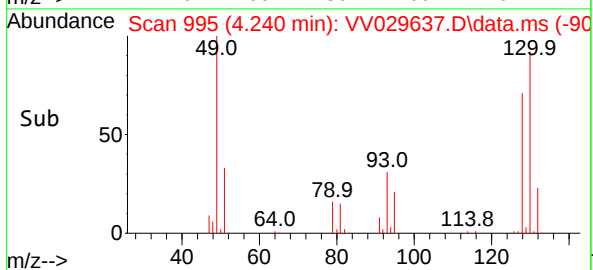
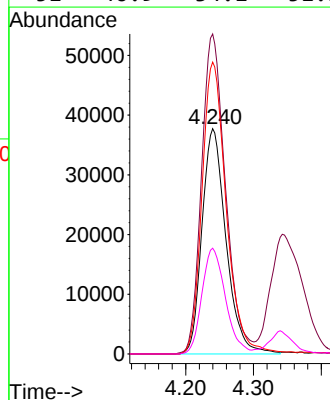
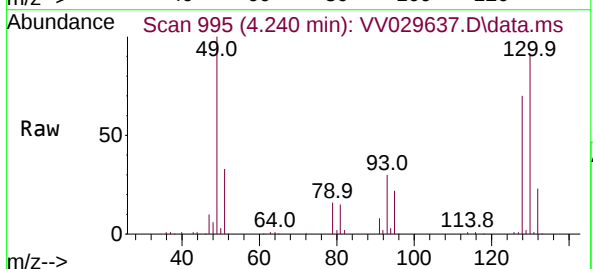
Instrument :
MSVOA_V
ClientSampleId :
EXZ72MS

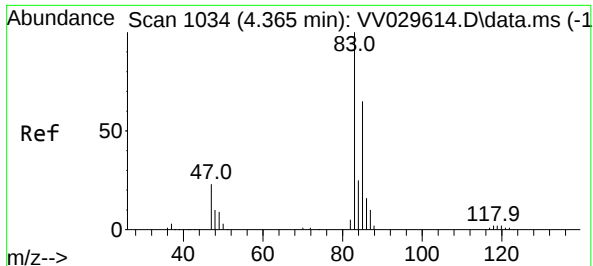
Tgt Ion: 43 Resp: 218206
Ion Ratio Lower Upper
43 100
72 28.7 15.9 47.6



#23
Bromochloromethane
Concen: 50.159 ug/L
RT: 4.240 min Scan# 995
Delta R.T. 0.000 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

Tgt Ion:128 Resp: 92767
Ion Ratio Lower Upper
128 100
49 142.0 92.2 171.2
130 129.5 88.3 164.1
51 46.9 34.1 51.1





#25

Chloroform

Concen: 61.489 ug/L

RT: 4.368 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VV029637.D

Acq: 13 Dec 2022 07:53

Instrument :

MSVOA_V

ClientSampleId :

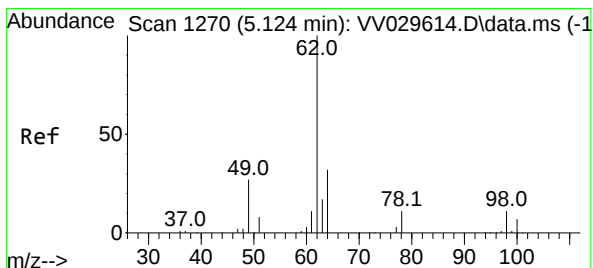
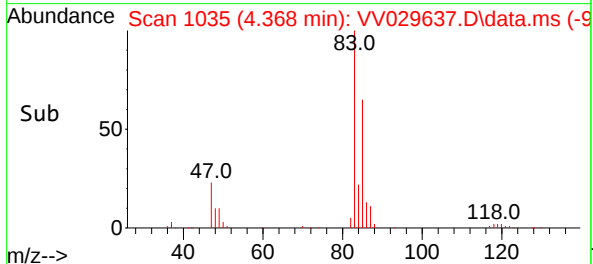
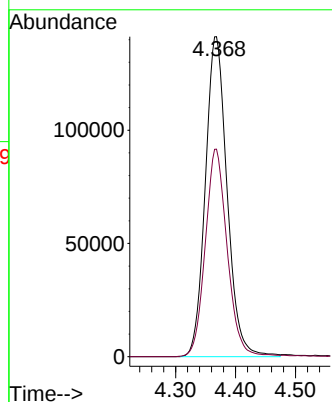
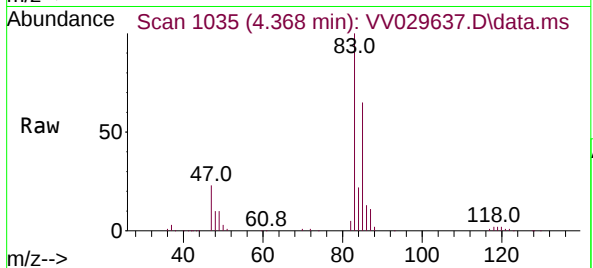
EXZ72MS

Tgt Ion: 83 Resp: 356700

Ion Ratio Lower Upper

83 100

85 64.9 45.1 83.9



#27

1,2-Dichloroethane

Concen: 52.331 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VV029637.D

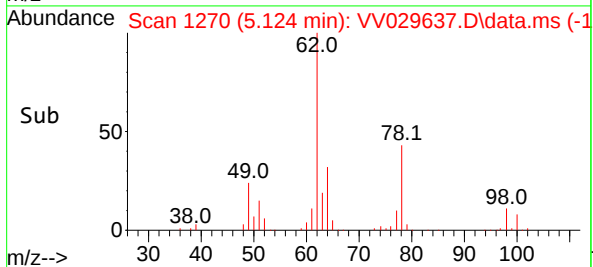
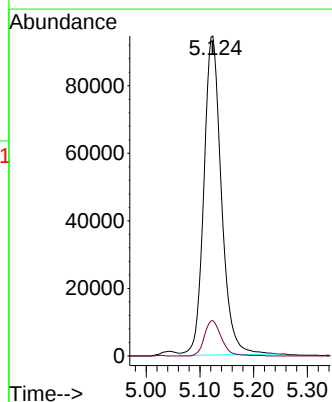
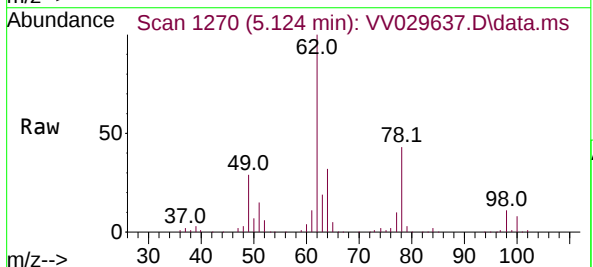
Acq: 13 Dec 2022 07:53

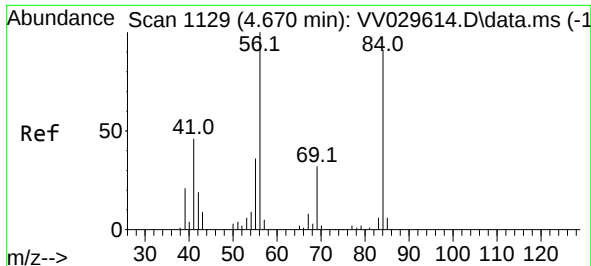
Tgt Ion: 62 Resp: 214449

Ion Ratio Lower Upper

62 100

98 11.1 9.4 14.0





#29

Cyclohexane

Concen: 47.481 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VV029637.D

Acq: 13 Dec 2022 07:53

Instrument :

MSVOA_V

ClientSampleId :

EXZ72MS

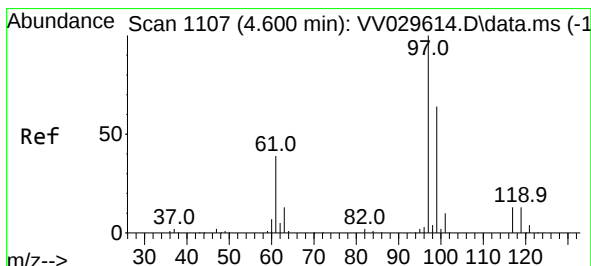
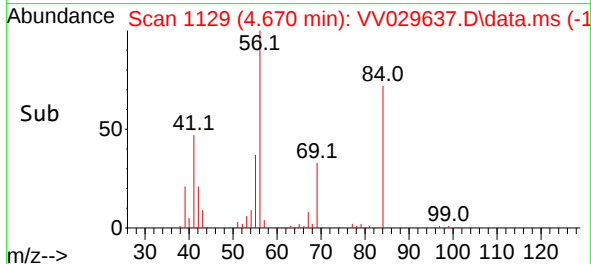
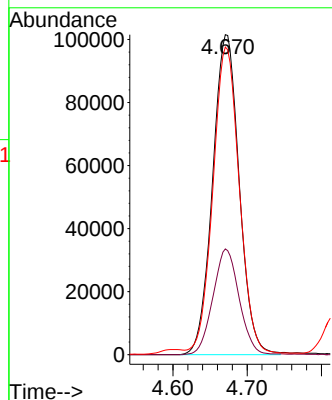
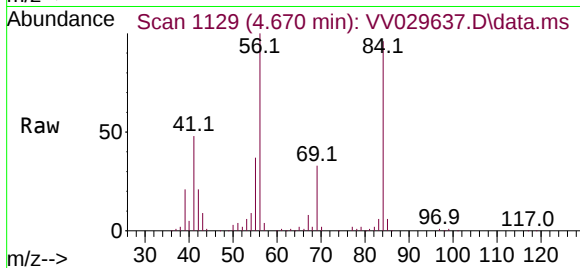
Tgt Ion: 56 Resp: 252668

Ion Ratio Lower Upper

56 100

69 32.4 25.8 38.8

84 95.8 76.6 114.8



#30

1,1,1-Trichloroethane

Concen: 49.290 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV029637.D

Acq: 13 Dec 2022 07:53

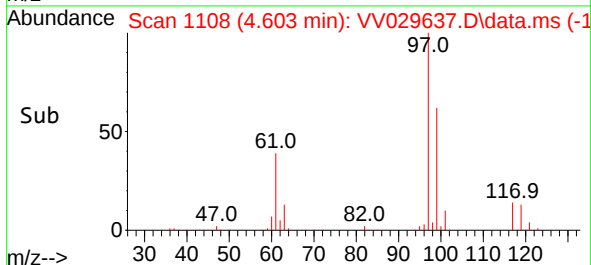
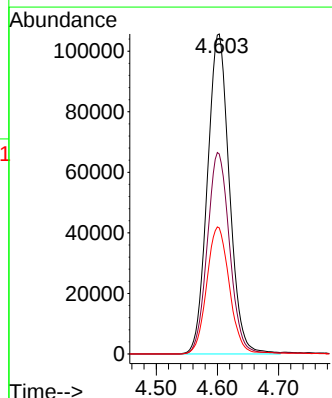
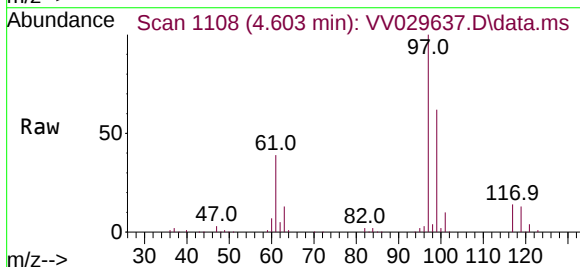
Tgt Ion: 97 Resp: 263805

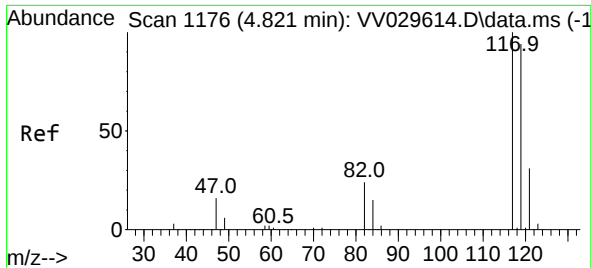
Ion Ratio Lower Upper

97 100

99 63.8 52.1 78.1

61 40.8 31.8 47.8

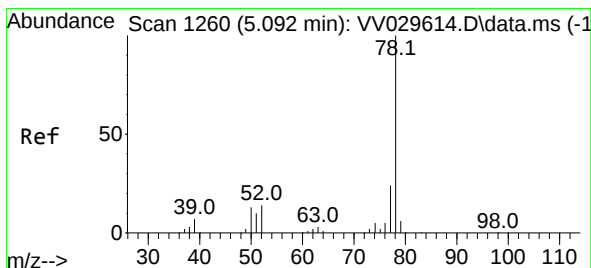
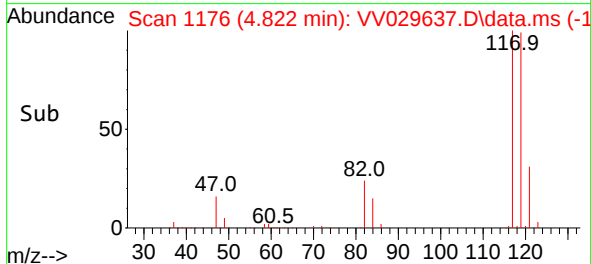
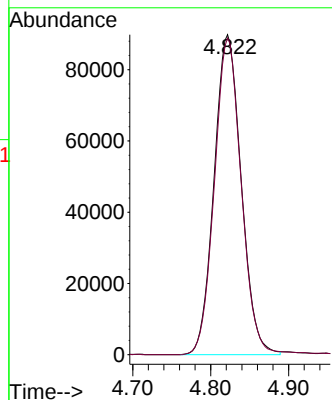
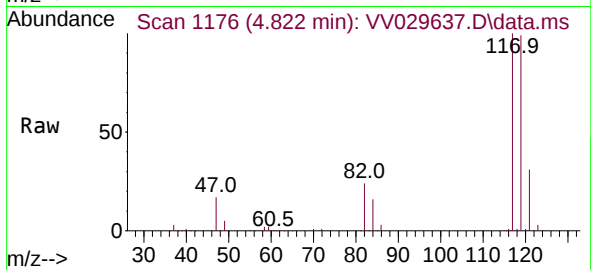




#31
Carbon tetrachloride
Concen: 46.516 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

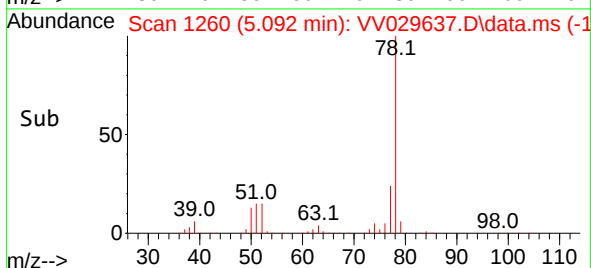
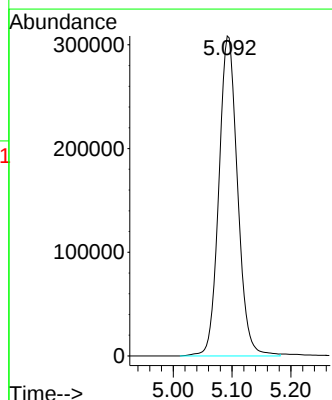
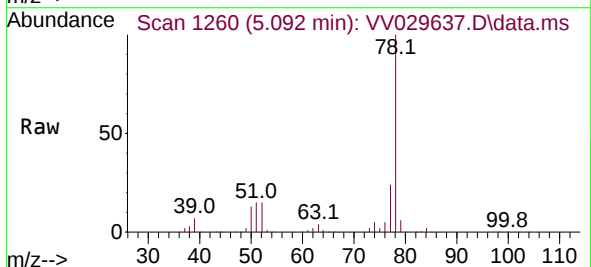
Instrument :
MSVOA_V
ClientSampleId :
EXZ72MS

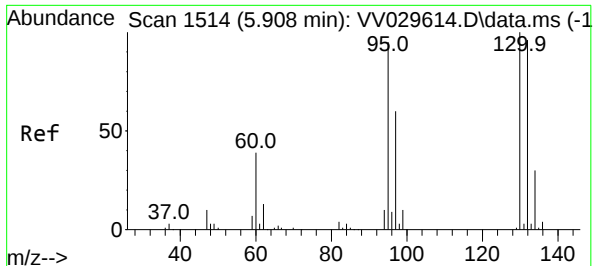
Tgt Ion:117 Resp: 217403
Ion Ratio Lower Upper
117 100
119 97.6 76.7 115.1



#33
Benzene
Concen: 49.238 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

Tgt Ion: 78 Resp: 681788

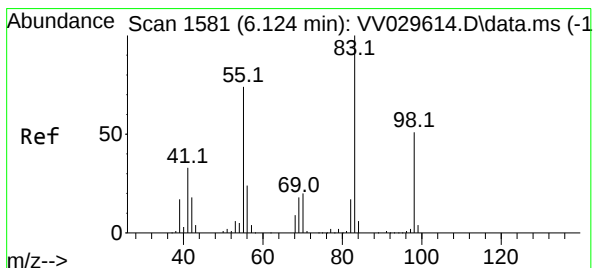
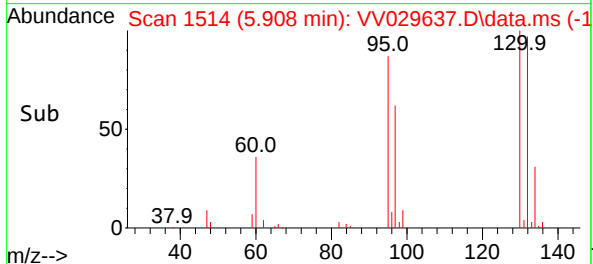
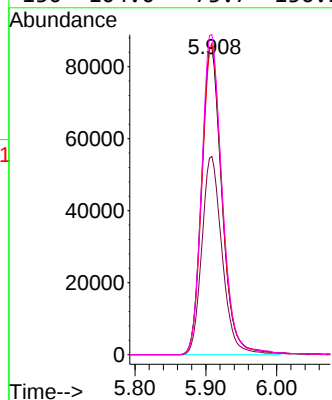
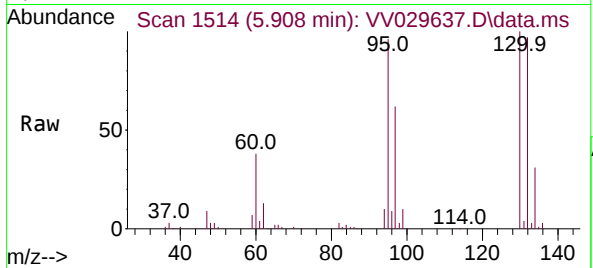




#34
Trichloroethene
Concen: 49.165 ug/L
RT: 5.908 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

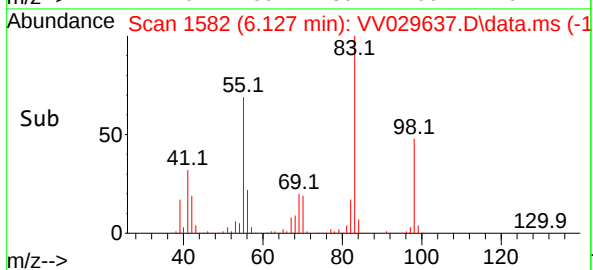
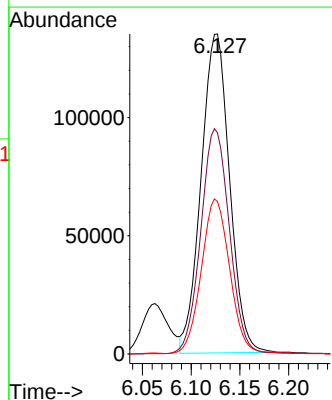
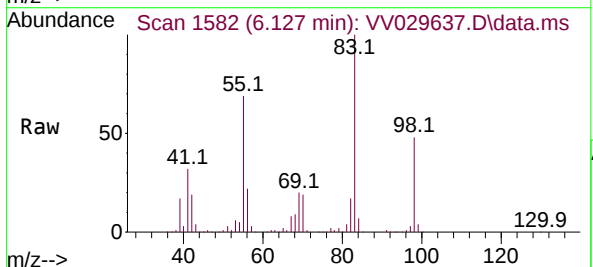
Instrument :
MSVOA_V
ClientSampleId :
EXZ72MS

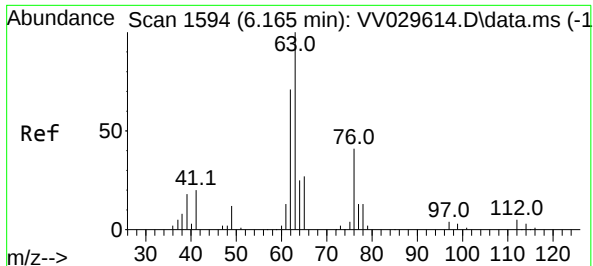
Tgt Ion: 95 Resp: 170592
Ion Ratio Lower Upper
95 100
97 64.5 44.0 81.8
132 101.1 69.9 129.9
130 104.0 73.7 136.9



#35
Methylcyclohexane
Concen: 46.534 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

Tgt Ion: 83 Resp: 274230
Ion Ratio Lower Upper
83 100
55 70.8 55.5 83.3
98 48.2 39.8 59.8





#37

1,2-Dichloropropane

Concen: 52.456 ug/L

RT: 6.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV029637.D

Acq: 13 Dec 2022 07:53

Instrument :

MSVOA_V

ClientSampleId :

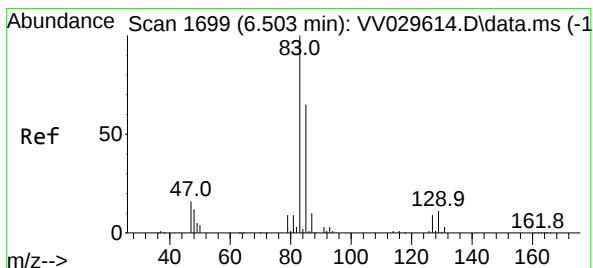
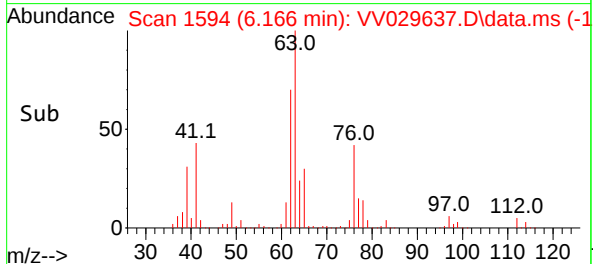
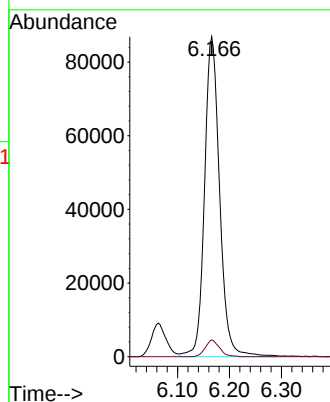
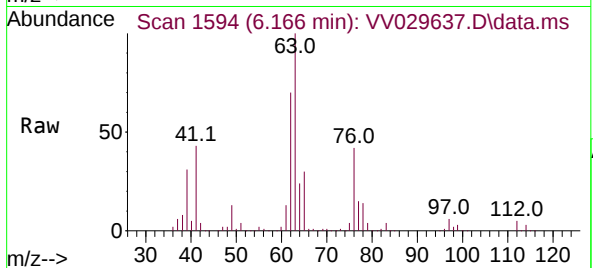
EXZ72MS

Tgt Ion: 63 Resp: 175308

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 48.010 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VV029637.D

Acq: 13 Dec 2022 07:53

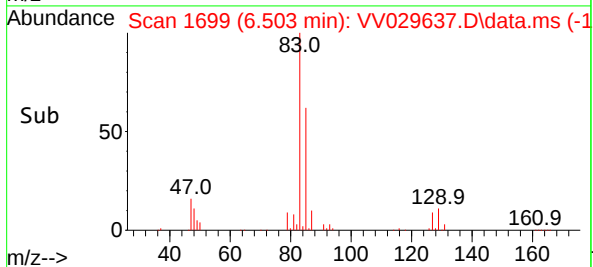
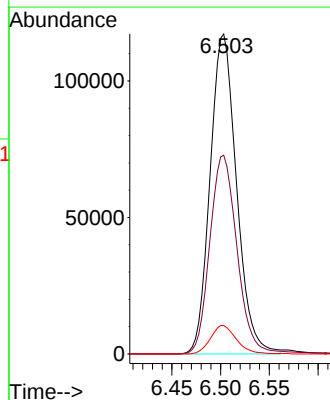
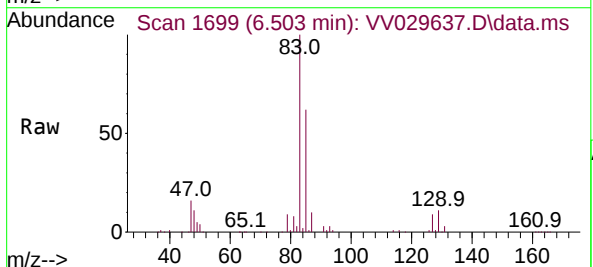
Tgt Ion: 83 Resp: 221496

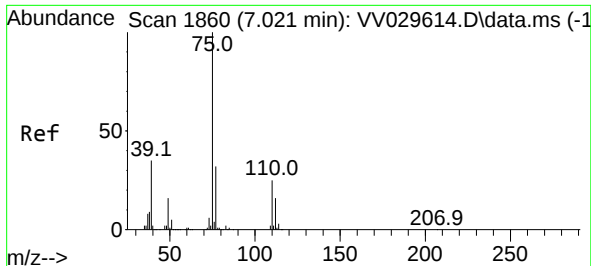
Ion Ratio Lower Upper

83 100

85 62.1 45.3 84.1

127 8.9 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 41.750 ug/L

RT: 7.018 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV029637.D

Acq: 13 Dec 2022 07:53

Instrument :

MSVOA_V

ClientSampleId :

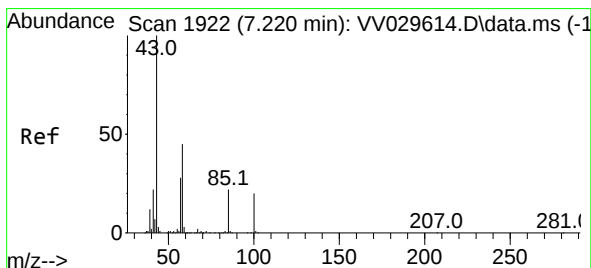
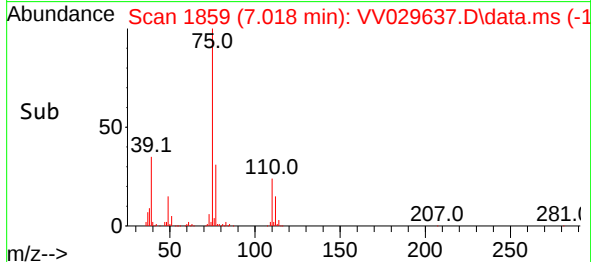
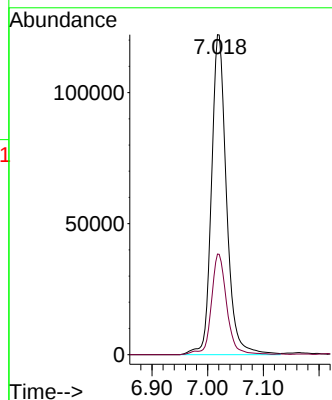
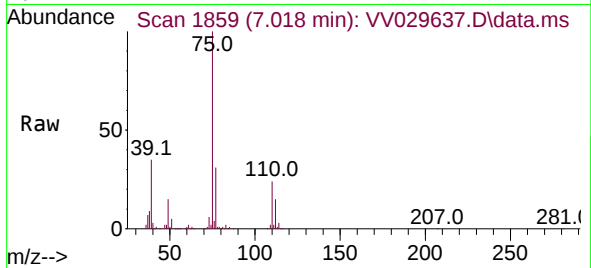
EXZ72MS

Tgt Ion: 75 Resp: 229475

Ion Ratio Lower Upper

75 100

77 31.5 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 109.184 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. 0.000 min

Lab File: VV029637.D

Acq: 13 Dec 2022 07:53

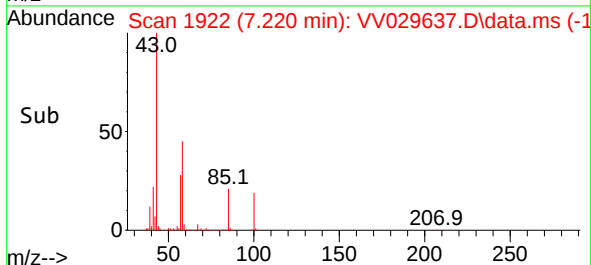
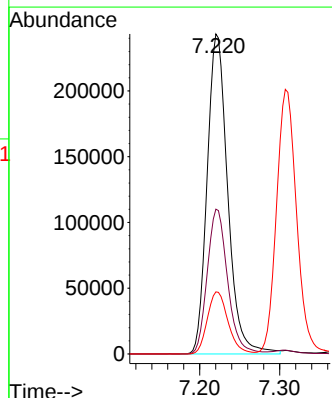
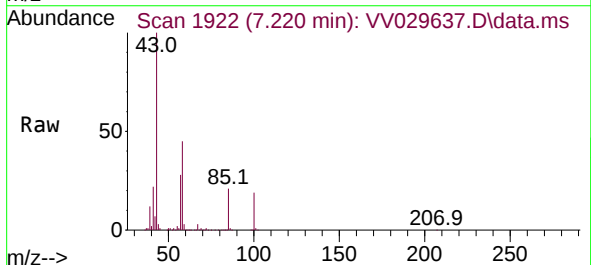
Tgt Ion: 43 Resp: 435065

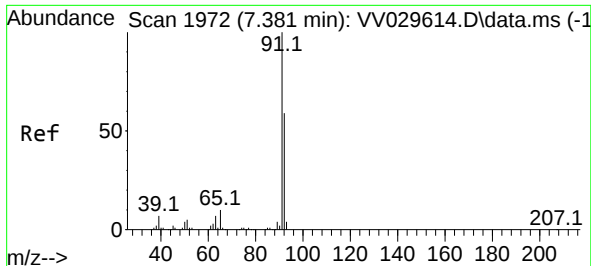
Ion Ratio Lower Upper

43 100

58 44.9 37.5 56.3

100 19.5 16.7 25.1

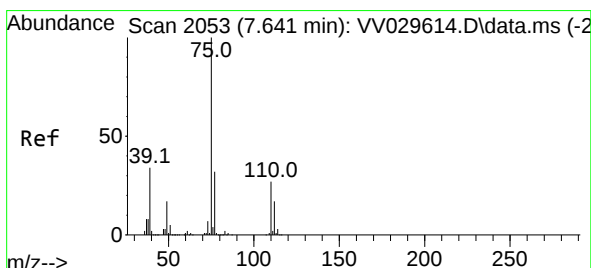
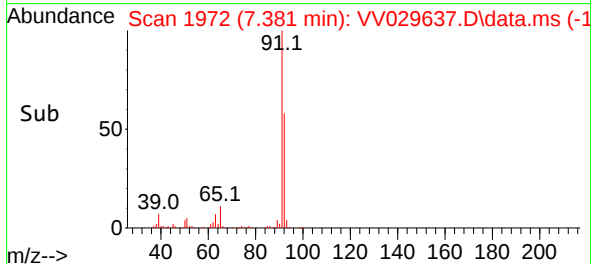
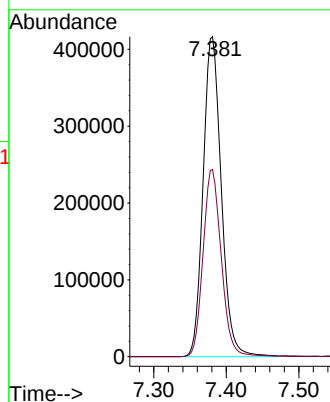
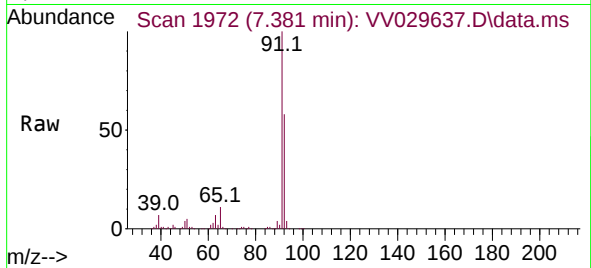




#42
Toluene
Concen: 48.739 ug/L
RT: 7.381 min Scan# 1972
Delta R.T. 0.000 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

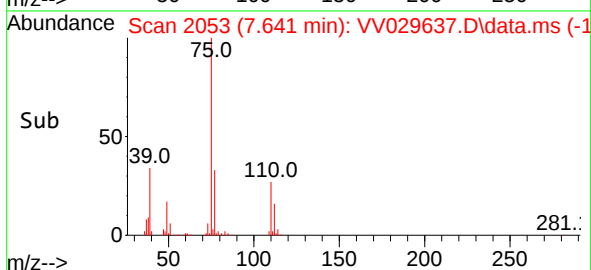
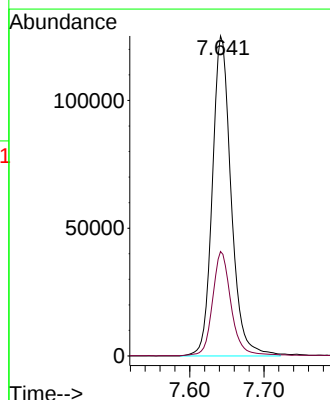
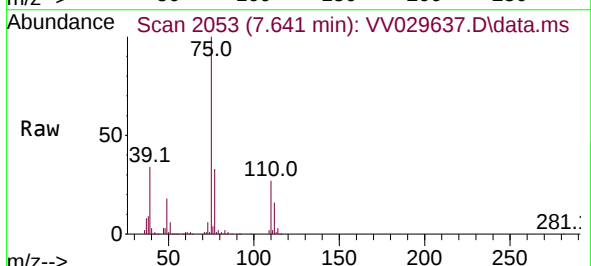
Instrument :
MSVOA_V
ClientSampleId :
EXZ72MS

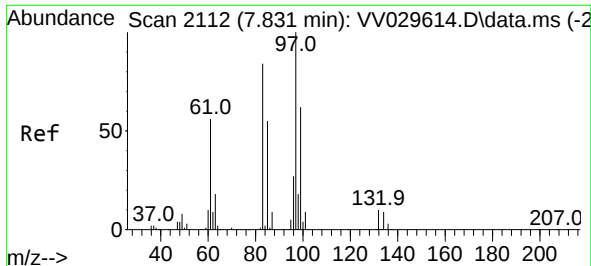
Tgt Ion: 91 Resp: 726388
Ion Ratio Lower Upper
91 100
92 58.5 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 42.343 ug/L
RT: 7.641 min Scan# 2053
Delta R.T. 0.000 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

Tgt Ion: 75 Resp: 220399
Ion Ratio Lower Upper
75 100
77 32.6 22.3 41.5



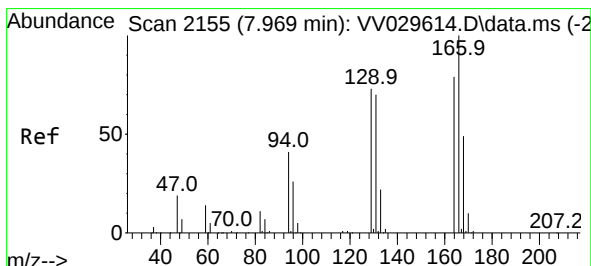
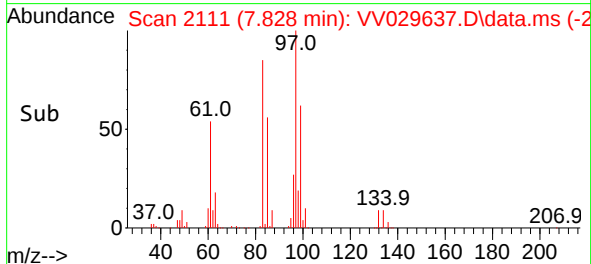
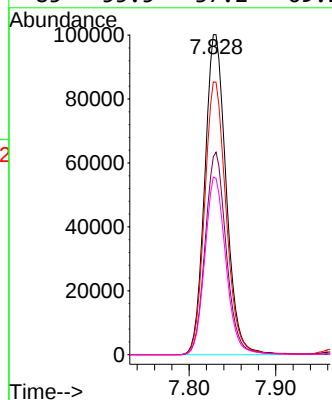
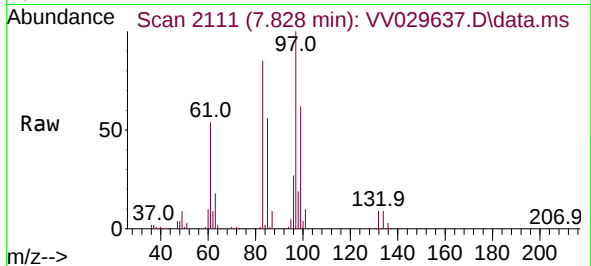


#45
1,1,2-Trichloroethane
Concen: 49.793 ug/L
RT: 7.828 min Scan# 2112
Delta R.T. -0.003 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

Instrument :
MSVOA_V
ClientSampleId :
EXZ72MS

Tgt Ion: 97 Resp: 171921

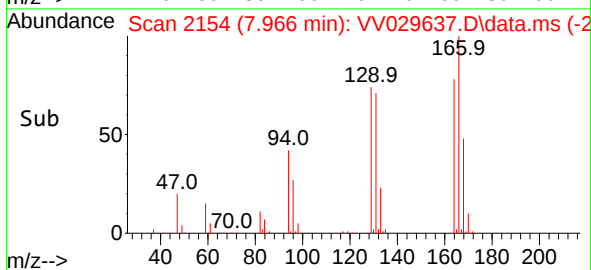
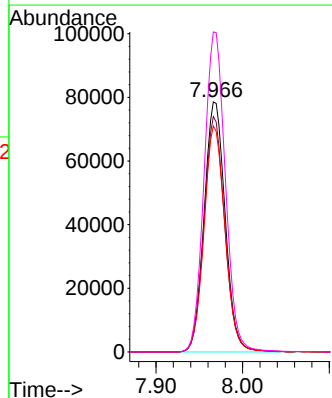
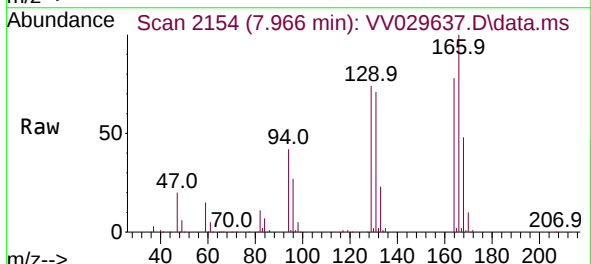
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.8	81.3
83	85.3	58.6	108.8
85	55.5	37.2	69.2

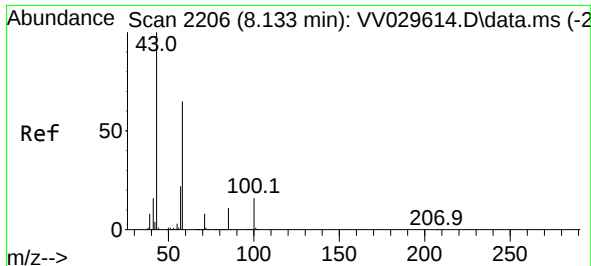


#46
Tetrachloroethene
Concen: 47.631 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.003 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

Tgt Ion: 164 Resp: 132874

Ion	Ratio	Lower	Upper
164	100		
129	94.1	65.3	121.3
131	90.4	63.1	117.1
166	127.9	90.8	168.6

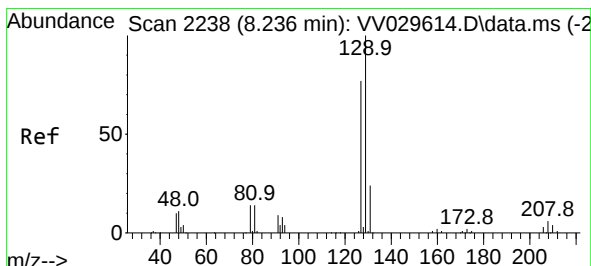
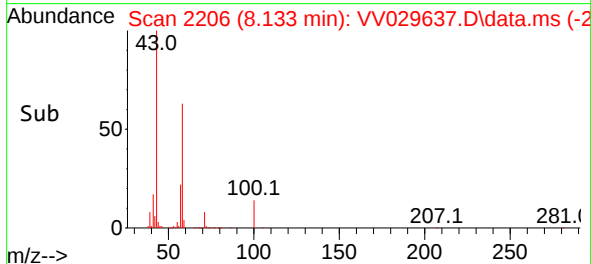
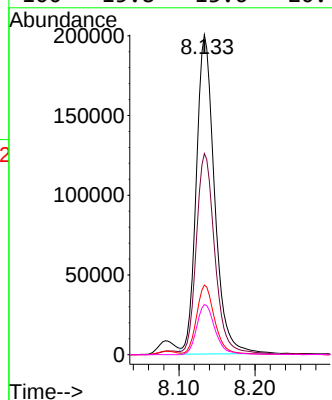
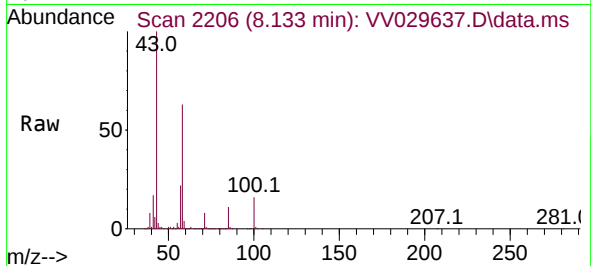




#48
2-Hexanone
Concen: 109.604 ug/L
RT: 8.133 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

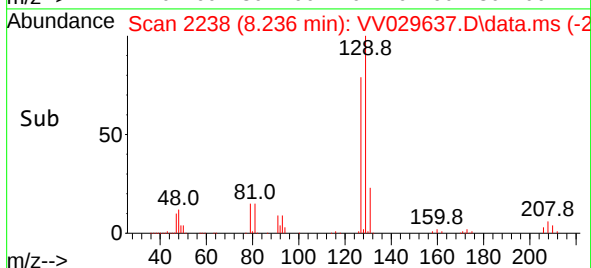
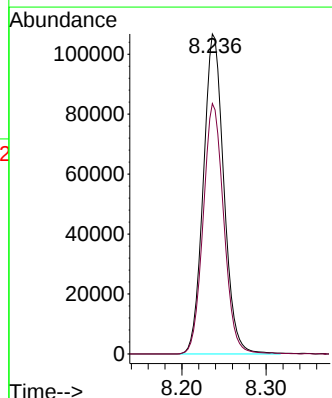
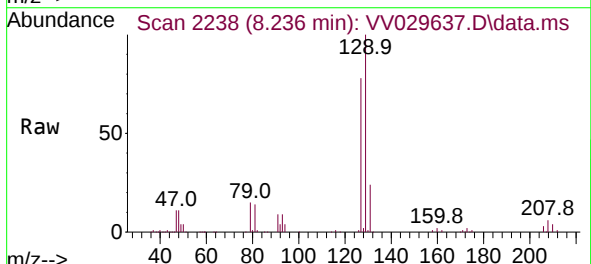
Instrument :
MSVOA_V
ClientSampleId :
EXZ72MS

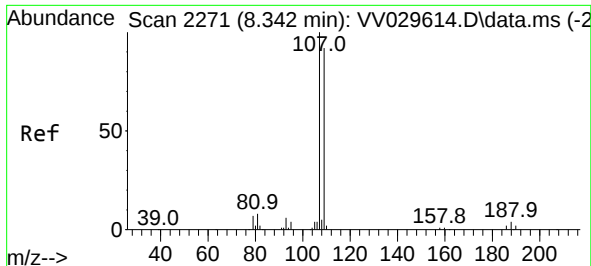
Tgt Ion: 43 Resp: 333668
Ion Ratio Lower Upper
43 100
58 64.1 54.1 81.1
57 21.6 17.4 26.0
100 15.8 13.6 20.4



#49
Dibromochloromethane
Concen: 47.448 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

Tgt Ion: 129 Resp: 180871
Ion Ratio Lower Upper
129 100
127 78.3 55.2 102.4

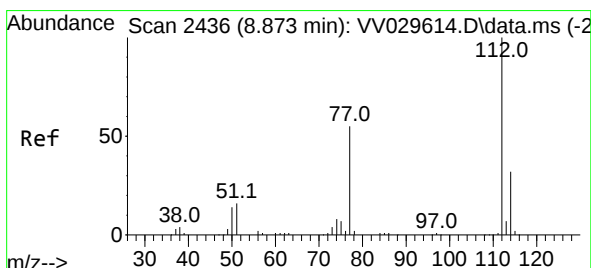
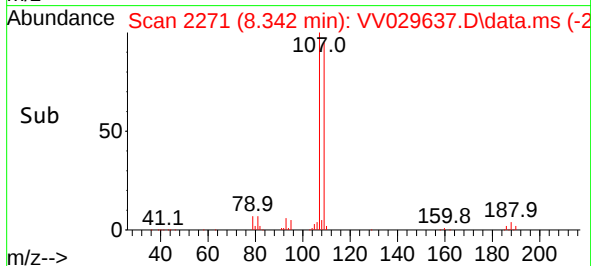
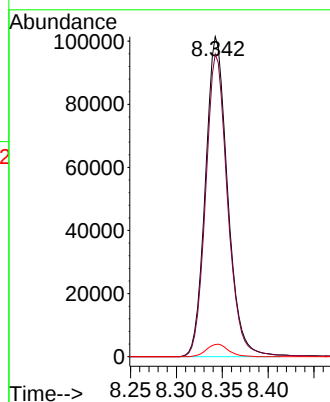
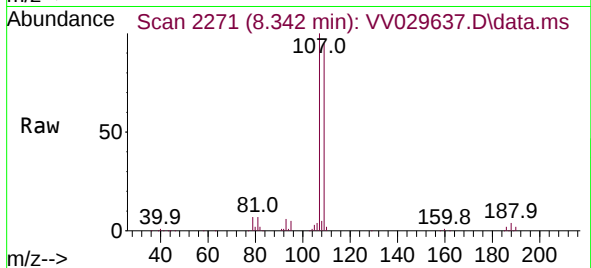




#50
1,2-Dibromoethane
Concen: 47.996 ug/L
RT: 8.342 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

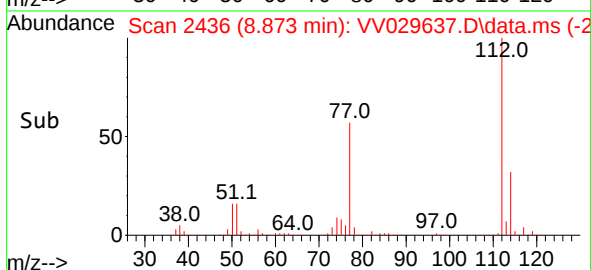
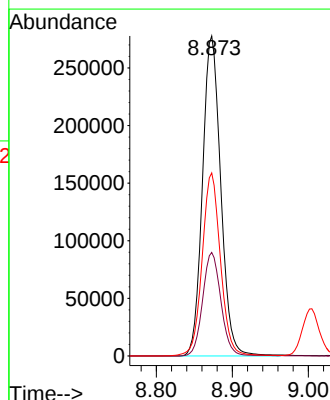
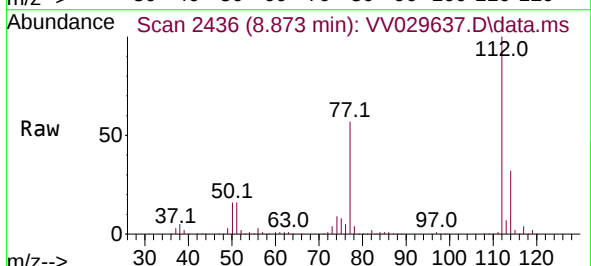
Instrument :
MSVOA_V
ClientSampleId :
EXZ72MS

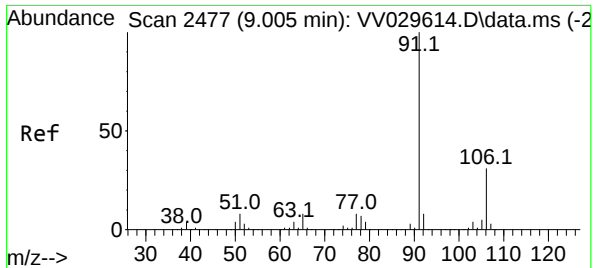
Tgt Ion:107 Resp: 170728
Ion Ratio Lower Upper
107 100
109 94.6 66.0 122.6
188 3.8 3.2 4.8



#51
Chlorobenzene
Concen: 49.188 ug/L
RT: 8.873 min Scan# 2436
Delta R.T. 0.000 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

Tgt Ion:112 Resp: 464210
Ion Ratio Lower Upper
112 100
114 32.4 22.3 41.3
77 57.2 45.0 67.4

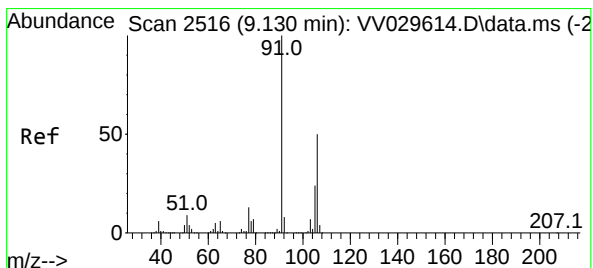
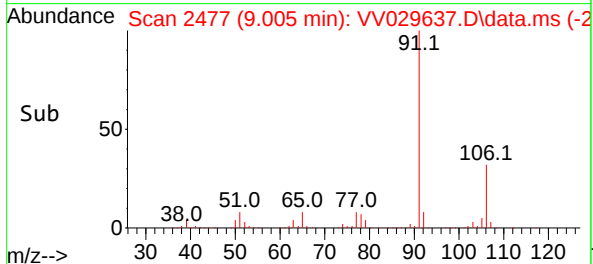
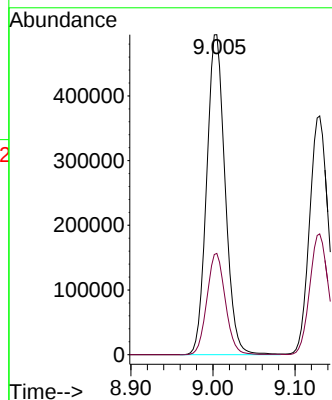
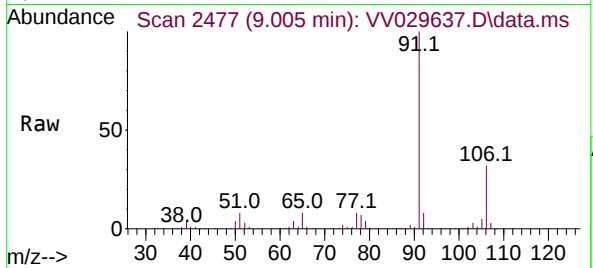




#52
Ethylbenzene
Concen: 49.294 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. 0.000 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

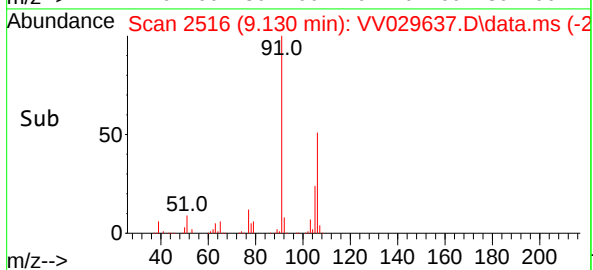
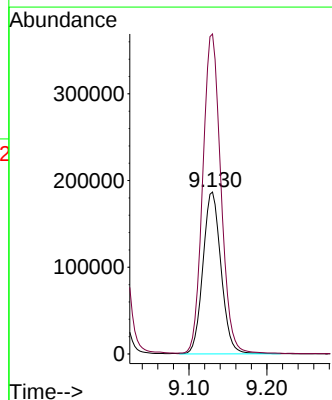
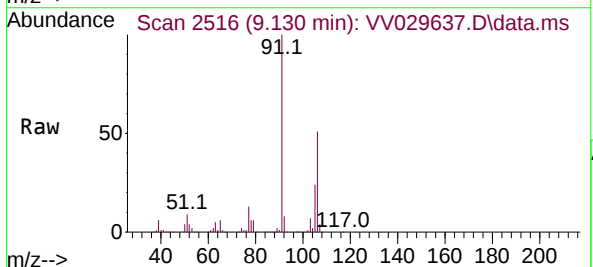
Instrument :
MSVOA_V
ClientSampleId :
EXZ72MS

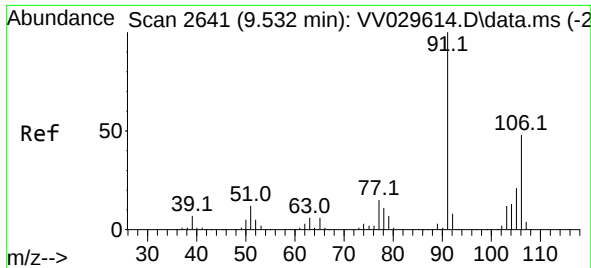
Tgt Ion: 91 Resp: 772391
Ion Ratio Lower Upper
91 100
106 31.6 21.8 40.6



#53
m,p-Xylene
Concen: 48.638 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. 0.000 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

Tgt Ion: 106 Resp: 301635
Ion Ratio Lower Upper
106 100
91 197.7 139.5 259.1

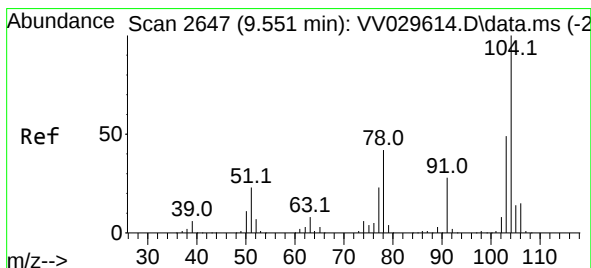
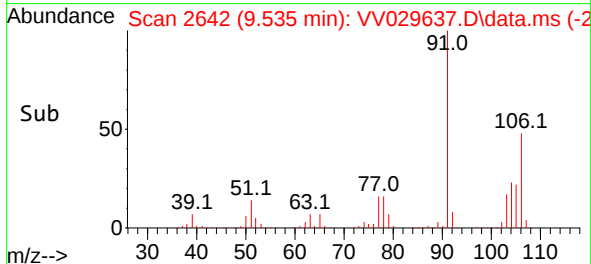
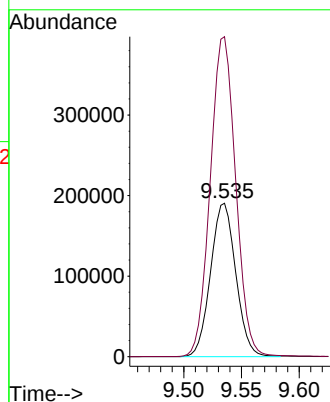
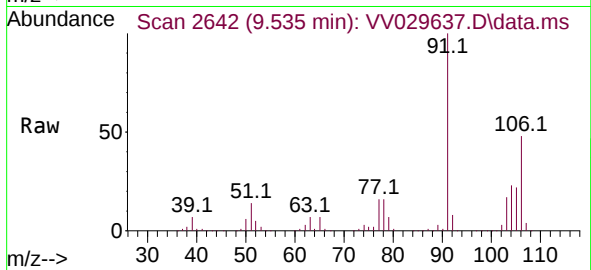




#54
o-Xylene
Concen: 47.168 ug/L
RT: 9.535 min Scan# 2641
Delta R.T. 0.003 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

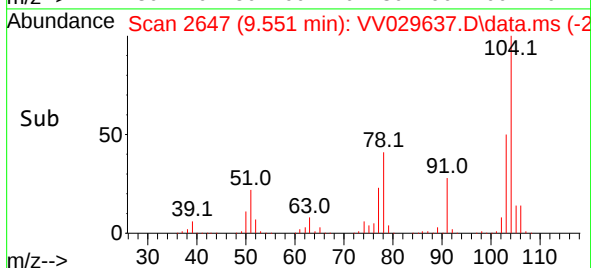
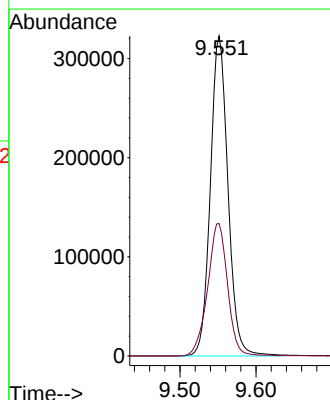
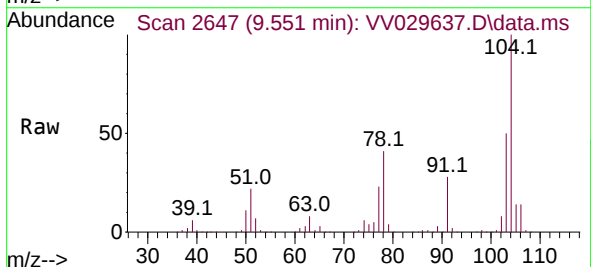
Instrument :
MSVOA_V
ClientSampleId :
EXZ72MS

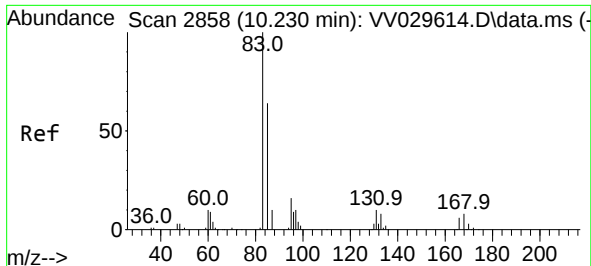
Tgt Ion:106 Resp: 289349
Ion Ratio Lower Upper
106 100
91 208.5 148.0 274.8



#55
Styrene
Concen: 48.706 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.000 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

Tgt Ion:104 Resp: 519227
Ion Ratio Lower Upper
104 100
78 41.4 29.4 54.6

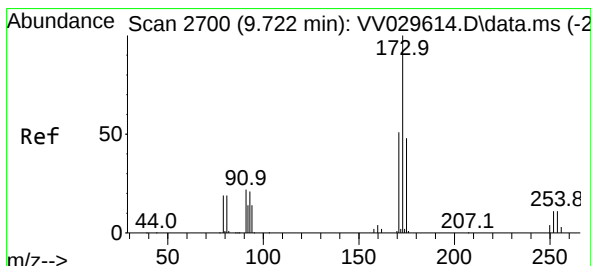
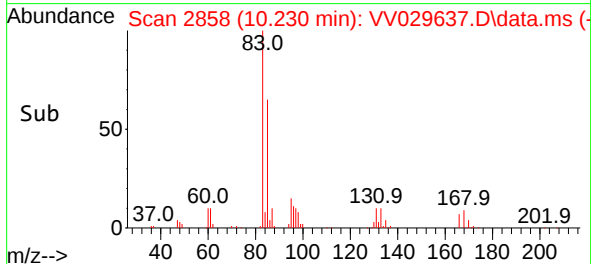
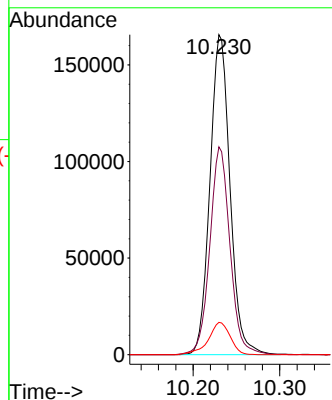
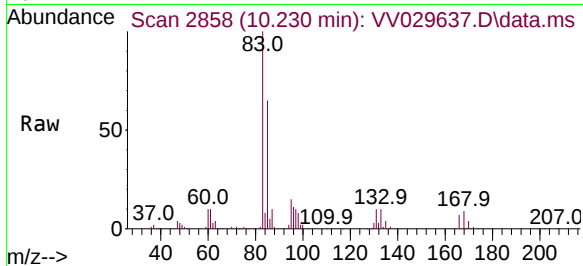




#57
1,1,2,2-Tetrachloroethane
Concen: 48.277 ug/L
RT: 10.230 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

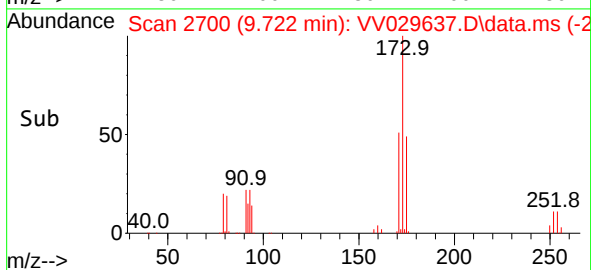
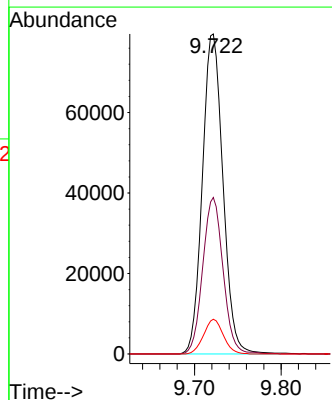
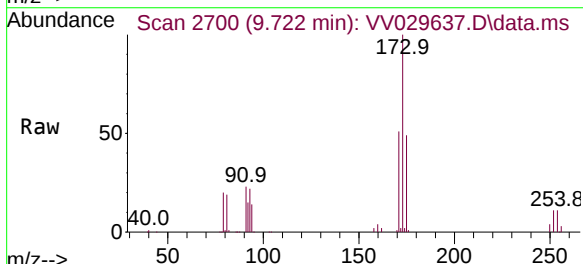
Instrument :
MSVOA_V
ClientSampleId :
EXZ72MS

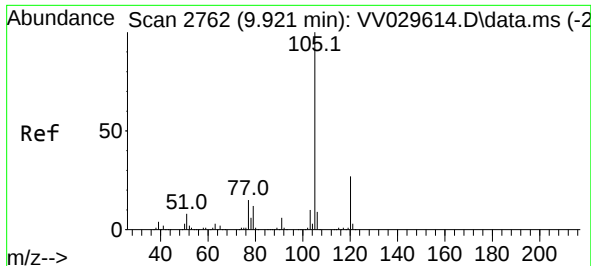
Tgt Ion: 83 Resp: 266635
Ion Ratio Lower Upper
83 100
85 65.0 45.7 84.9
131 10.1 7.9 11.9



#59
Bromoform
Concen: 44.671 ug/L
RT: 9.722 min Scan# 2700
Delta R.T. 0.000 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

Tgt Ion: 173 Resp: 131224
Ion Ratio Lower Upper
173 100
175 48.3 38.4 57.6
254 10.4 7.8 11.8

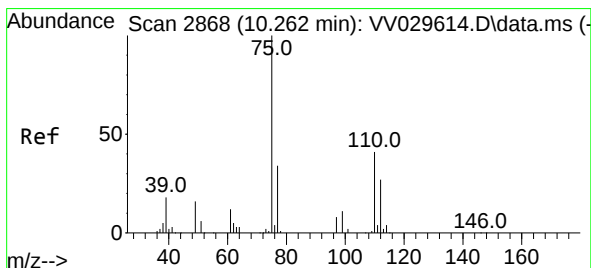
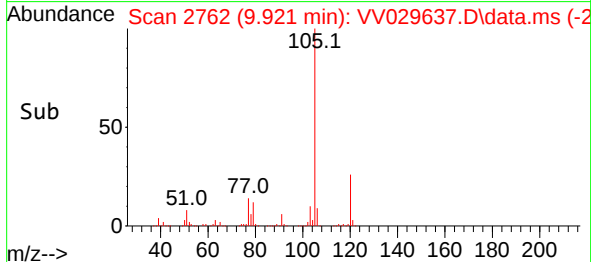
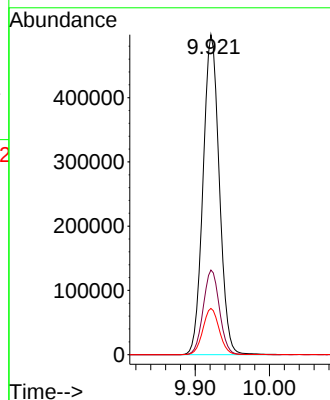
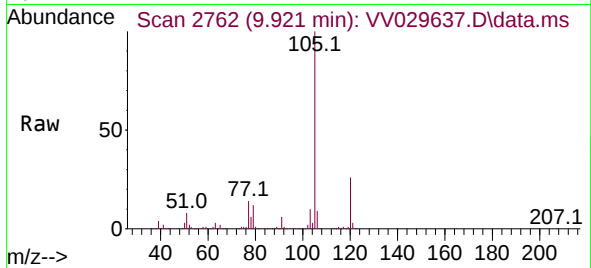




#60
Isopropylbenzene
Concen: 48.433 ug/L
RT: 9.921 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

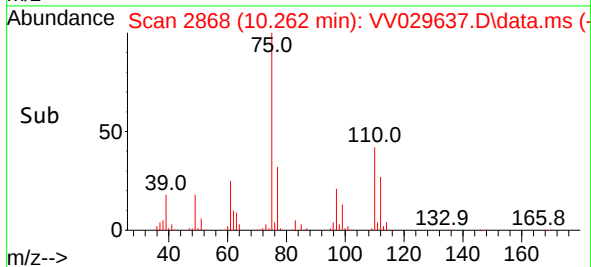
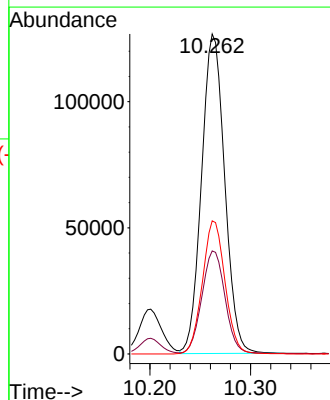
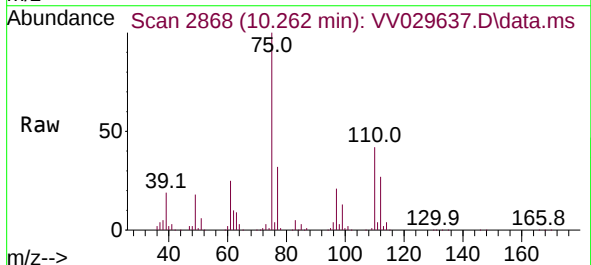
Instrument :
MSVOA_V
ClientSampleId :
EXZ72MS

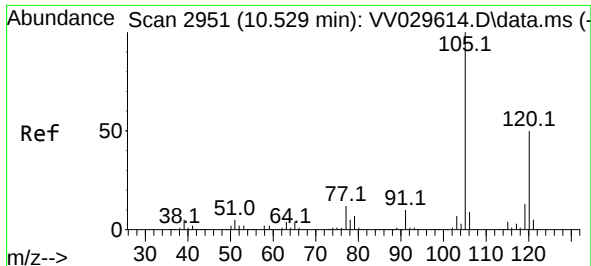
Tgt Ion:105 Resp: 756184
Ion Ratio Lower Upper
105 100
120 26.5 21.1 31.7
77 14.5 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 49.310 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. 0.000 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

Tgt Ion: 75 Resp: 202405
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2
110 40.8 32.7 49.1





#62

1,3,5-Trimethylbenzene

Concen: 47.719 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VV029637.D

Acq: 13 Dec 2022 07:53

Instrument :

MSVOA_V

ClientSampleId :

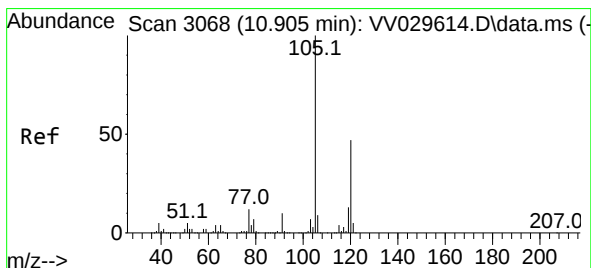
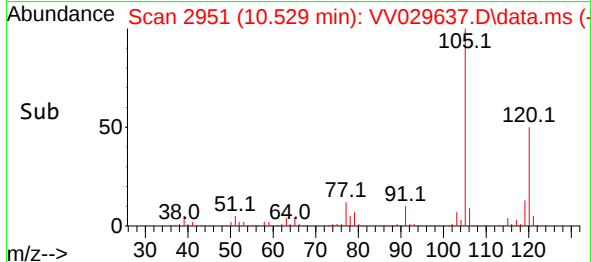
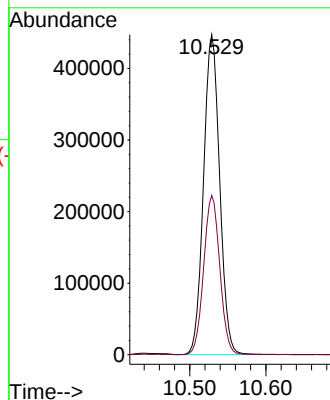
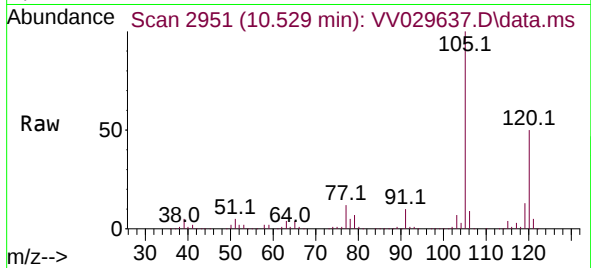
EXZ72MS

Tgt Ion:105 Resp: 658748

Ion Ratio Lower Upper

105 100

120 49.8 40.0 60.0



#63

1,2,4-Trimethylbenzene

Concen: 48.441 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. 0.000 min

Lab File: VV029637.D

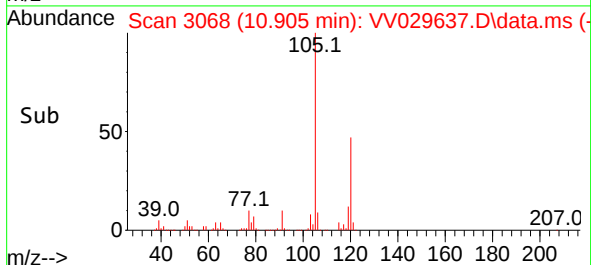
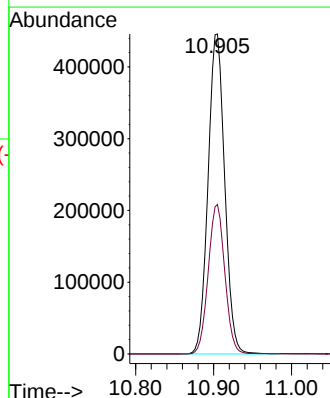
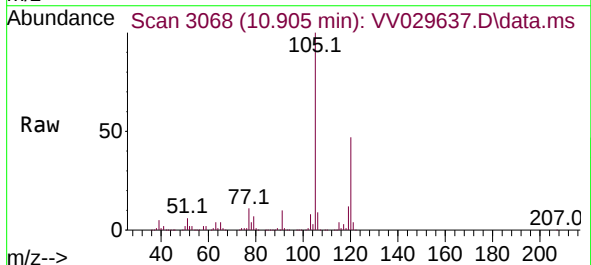
Acq: 13 Dec 2022 07:53

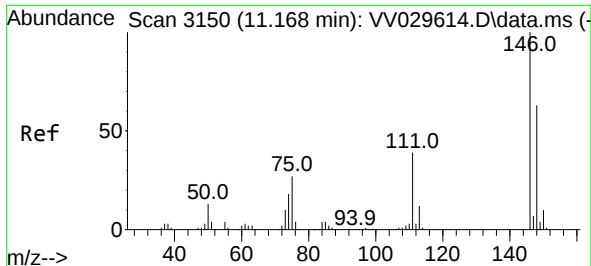
Tgt Ion:105 Resp: 662864

Ion Ratio Lower Upper

105 100

120 46.6 36.7 55.1

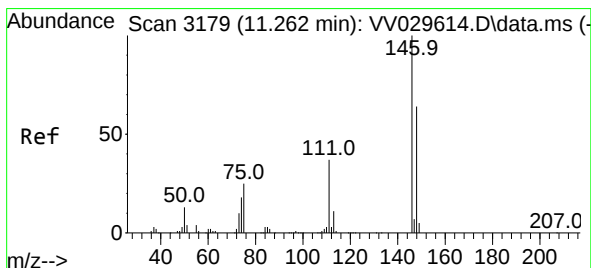
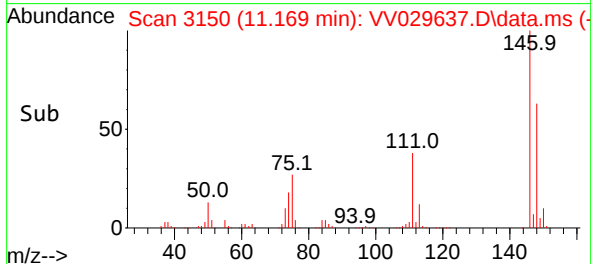
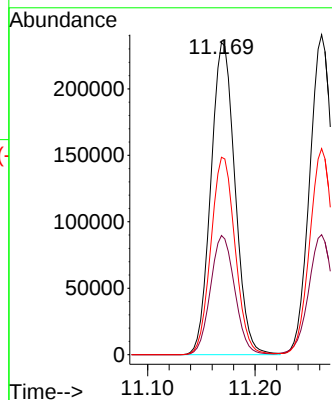
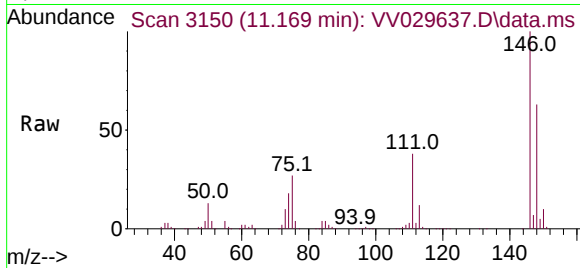




#64
1,3-Dichlorobenzene
Concen: 48.078 ug/L
RT: 11.169 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

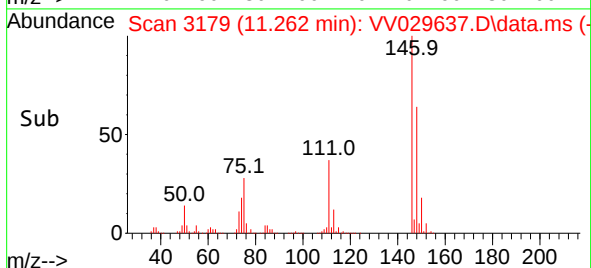
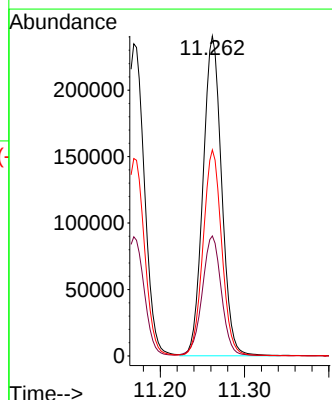
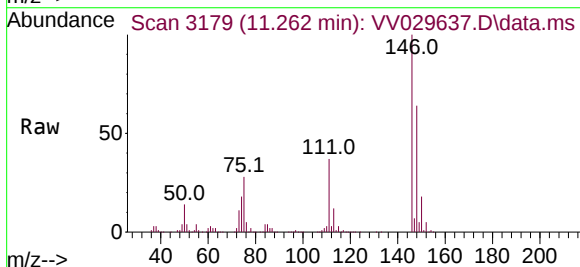
Instrument :
MSVOA_V
ClientSampleId :
EXZ72MS

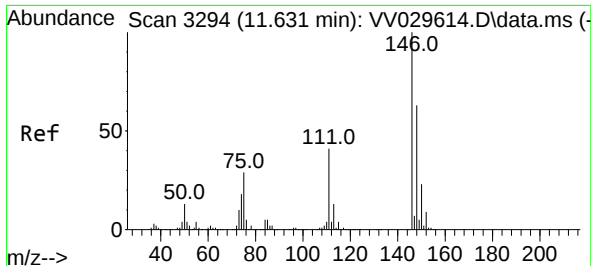
Tgt Ion:146 Resp: 367024
Ion Ratio Lower Upper
146 100
111 38.2 27.4 51.0
148 63.3 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 47.880 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029637.D
Acq: 13 Dec 2022 07:53

Tgt Ion:146 Resp: 371464
Ion Ratio Lower Upper
146 100
111 37.5 26.2 48.8
148 64.4 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 48.086 ug/L

RT: 11.632 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV029637.D

Acq: 13 Dec 2022 07:53

Instrument :

MSVOA_V

ClientSampleId :

EXZ72MS

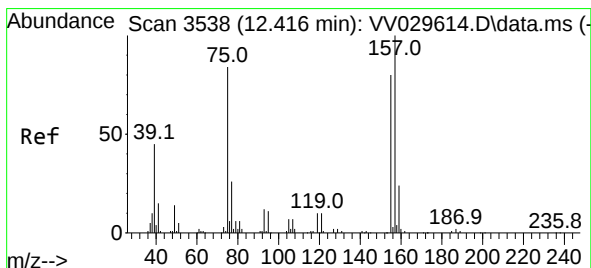
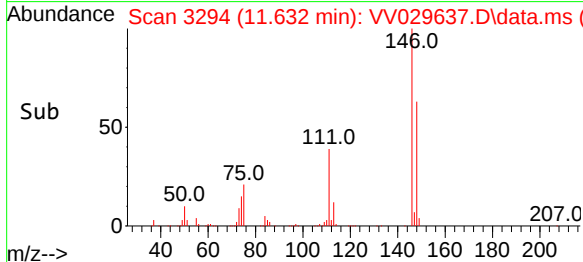
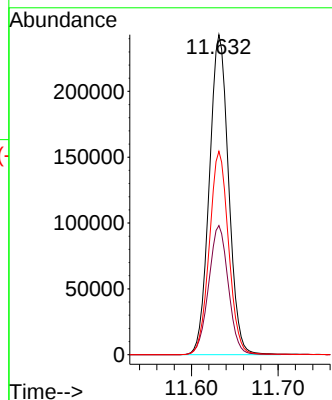
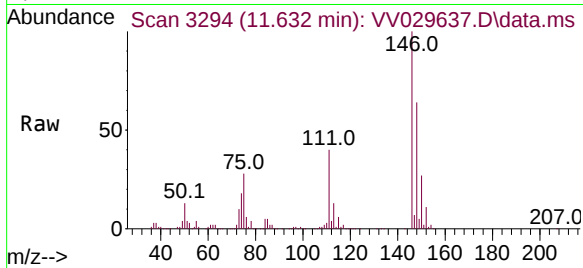
Tgt Ion:146 Resp: 375371

Ion Ratio Lower Upper

146 100

111 40.3 32.0 48.0

148 63.5 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 42.802 ug/L

RT: 12.416 min Scan# 3538

Delta R.T. 0.000 min

Lab File: VV029637.D

Acq: 13 Dec 2022 07:53

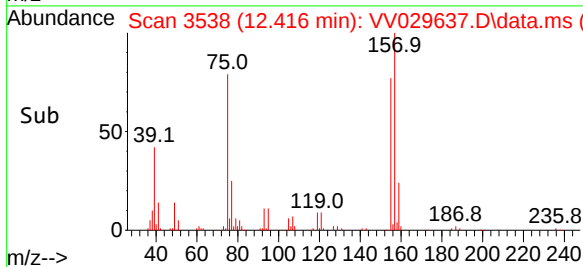
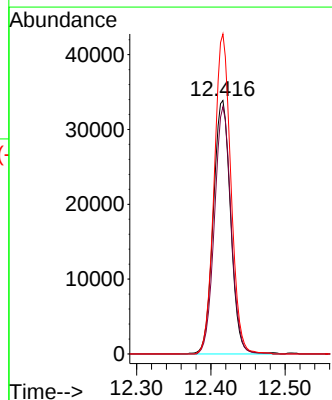
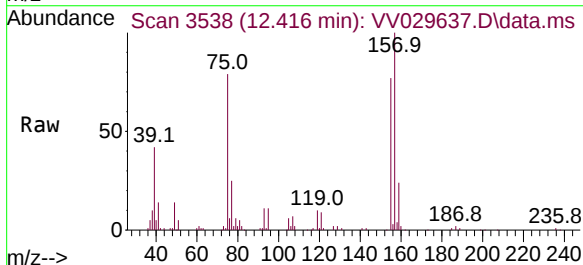
Tgt Ion: 75 Resp: 54606

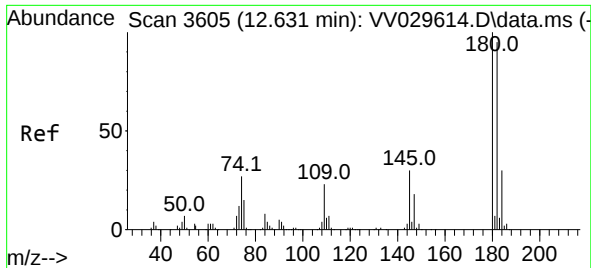
Ion Ratio Lower Upper

75 100

155 97.5 76.2 114.2

157 126.3 96.0 144.0

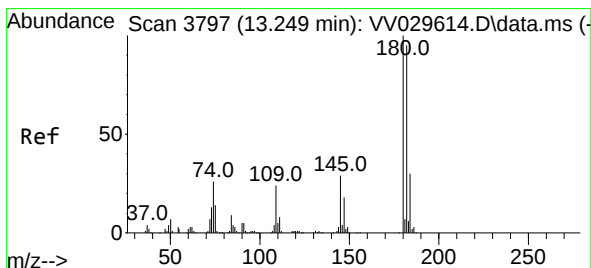
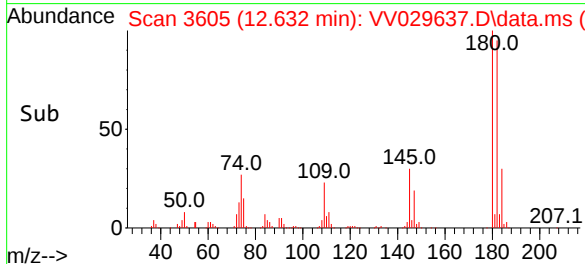
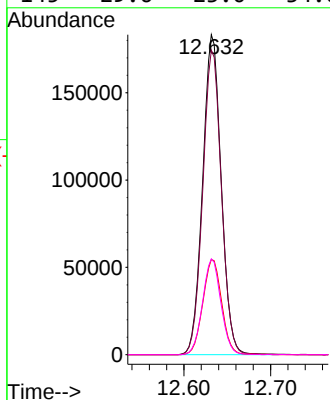
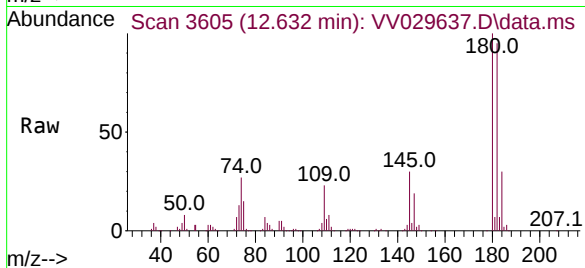




#69
 1,3,5-Trichlorobenzene
 Concen: 44.882 ug/L
 RT: 12.632 min Scan# 3605
 Delta R.T. 0.000 min
 Lab File: VV029637.D
 Acq: 13 Dec 2022 07:53

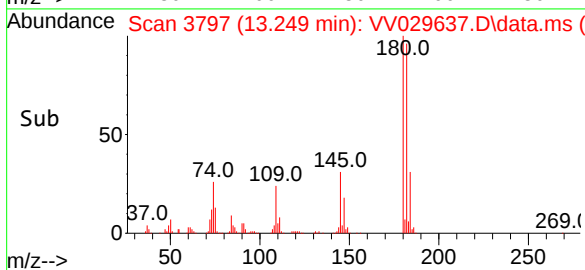
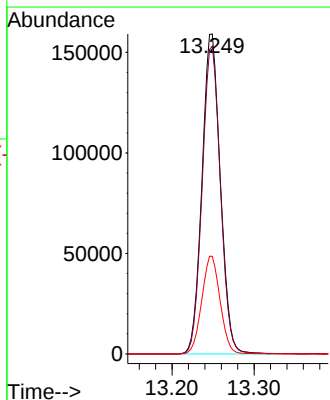
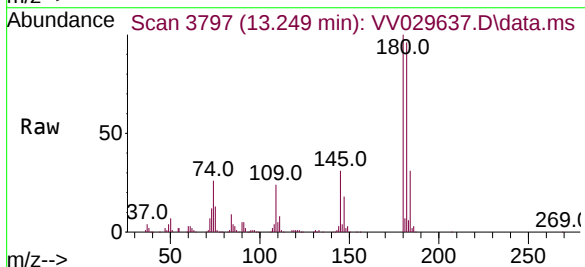
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ72MS

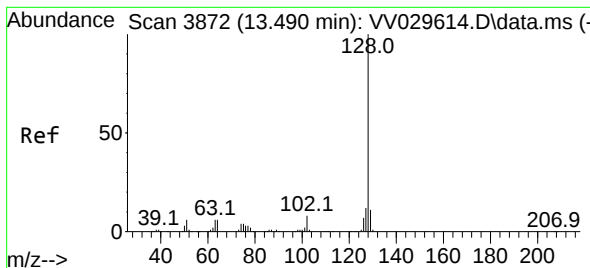
Tgt Ion:	180	Resp:	272663
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.5	114.7
184	30.1	24.6	36.8
145	29.6	23.0	34.6



#70
 1,2,4-trichlorobenzene
 Concen: 45.800 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. 0.000 min
 Lab File: VV029637.D
 Acq: 13 Dec 2022 07:53

Tgt Ion:	180	Resp:	247423
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.3	114.5
145	30.5	23.7	35.5





#71

Naphthalene

Concen: 49.114 ug/L

RT: 13.490 min Scan# 3872

Delta R.T. 0.000 min

Lab File: VV029637.D

Acq: 13 Dec 2022 07:53

Instrument :

MSVOA_V

ClientSampleId :

EXZ72MS

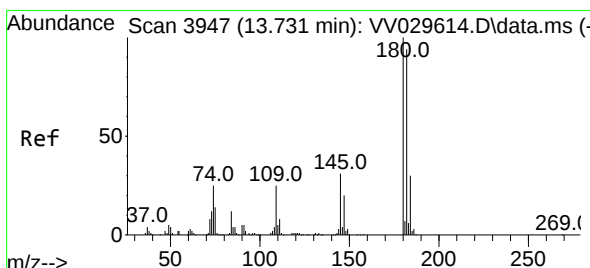
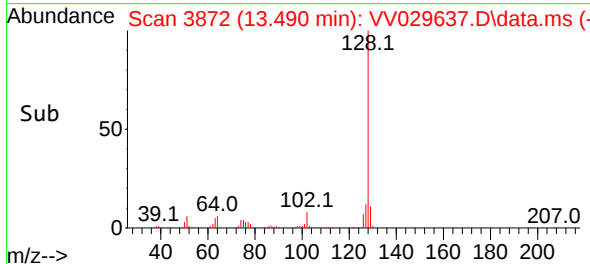
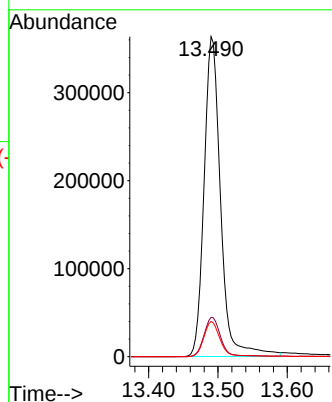
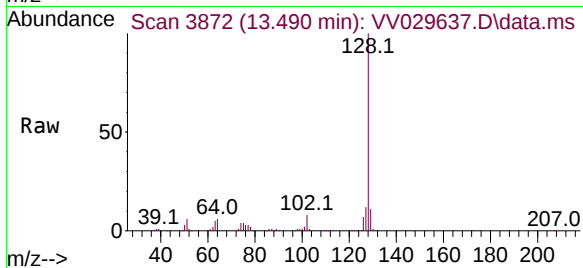
Tgt Ion:128 Resp: 601836

Ion Ratio Lower Upper

128 100

127 12.1 10.2 15.4

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 47.946 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VV029637.D

Acq: 13 Dec 2022 07:53

Tgt Ion:180 Resp: 253697

Ion Ratio Lower Upper

180 100

182 94.5 76.4 114.6

145 31.3 25.0 37.6

