

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028974.D
 Acq On : 15 Nov 2022 06:15
 Operator : SY/MD
 Sample : N5604-09MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46C8MSD

Quant Time: Nov 15 07:30:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 01:23:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.635	114	214651	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.879	117	260196	5.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	11.249	152	137936	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	55100	4.211	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.555	69	55769	4.848	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.101	63	118466	4.968	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.400%
20) 2-Butanone-d5	4.072	46	79298	36.200	ug/L	0.18
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.400%
24) Chloroform-d	4.413	84	135263	5.035	ug/L	0.07
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.085	65	55782	4.615	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.088	84	232358	2.992	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	59.800%#
36) 1,2-Dichloropropane-d6	6.063	67	52530	2.422	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	48.400%#
41) Toluene-d8	7.378	98	303614	4.343	ug/L	0.06
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	7.680	79	23280	3.291	ug/L	0.06
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.800%
46) 2-Hexanone-d5	8.153	63	125758	41.653	ug/L	0.07
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.300%
56) 1,1,2,2-Tetrachloroeth...	10.227	84	70856	4.712	ug/L	0.02
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	110804	4.490	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	124019	6.931	ug/L	99
3) Chloromethane	1.230	50	85087	5.729	ug/L	97
5) Vinyl chloride	1.298	62	162682	9.604	ug/L	98
6) Bromomethane	1.513	94	61914	6.115	ug/L	96
8) Chloroethane	1.574	64	61159	6.144	ug/L	97
9) Trichlorofluoromethane	1.741	101	151877	6.650	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	81408	6.295	ug/L	97
12) 1,1-Dichloroethene	2.111	96	84535	6.506	ug/L	90
13) Acetone	2.298	43	34634	24.578	ug/L	94
14) Carbon disulfide	2.301	76	319556	6.925	ug/L	99
15) Methyl Acetate	2.513	43	47445	13.874	ug/L	96
16) Methylene chloride	2.552	84	91202	5.428	ug/L	95
17) Methyl tert-butyl Ether	2.870	73	547908	19.667	ug/L	97
18) trans-1,2-Dichloroethene	2.838	96	112654	7.475	ug/L	93
19) 1,1-Dichloroethane	3.269	63	140594	5.707	ug/L	97
21) 2-Butanone	4.153	43	82764	37.937	ug/L #	70
22) cis-1,2-Dichloroethene	3.979	96	416629	27.192	ug/L	89
23) Bromochloromethane	4.314	128	37515	5.789	ug/L #	84
25) Chloroform	4.439	83	144344	5.589	ug/L	99

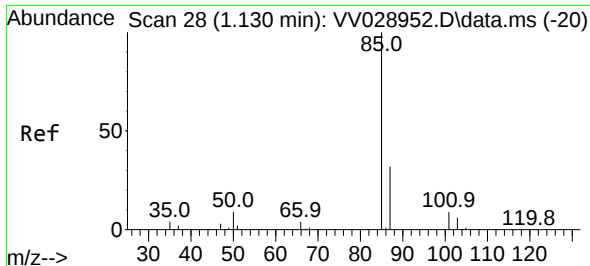
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 01:23:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.182	62	66915	5.030	ug/L	98
29) 1,1,1-Trichloroethane	4.661	97	139013	4.553	ug/L	94
30) Cyclohexane	4.719	56	102626	3.307	ug/L	87
31) Carbon tetrachloride	4.870	117	116642	4.436	ug/L	100
33) Benzene	5.137	78	301947	3.798	ug/L	100
34) Trichloroethene	5.905	95	72061	3.540	ug/L	96
35) Methylcyclohexane	6.098	83	110639	3.093	ug/L	89
37) 1,2-Dichloropropane	6.166	63	40069	2.185	ug/L #	91
38) Bromodichloromethane	6.513	83	104031	4.480	ug/L	99
39) cis-1,3-Dichloropropene	7.101	75	103490	4.043	ug/L	99
40) 4-Methyl-2-pentanone	7.320	43	441328	55.944	ug/L	94
42) Toluene	7.448	91	471412	5.488	ug/L	100
44) trans-1,3-Dichloropropene	7.706	75	74102	3.729	ug/L	97
45) 1,1,2-Trichloroethane	7.892	97	65622	5.467	ug/L	98
47) Tetrachloroethene	8.018	164	88387	5.423	ug/L	99
48) 2-Hexanone	8.201	43	324759	58.769	ug/L	98
49) Dibromochloromethane	8.288	129	64410	4.439	ug/L	96
50) 1,2-Dibromoethane	8.394	107	59205	5.309	ug/L #	95
51) Chlorobenzene	8.908	112	291445	5.488	ug/L	99
52) Ethylbenzene	9.037	91	494789	5.533	ug/L	99
53) m,p-Xylene	9.159	106	192990	5.426	ug/L	98
54) o-Xylene	9.561	106	187552	5.547	ug/L	95
55) Styrene	9.577	104	310397	5.474	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.252	83	73413	5.248	ug/L	99
59) Bromoform	9.747	173	29728	3.953	ug/L	100
60) Isopropylbenzene	9.944	105	494332	5.521	ug/L	100
61) 1,2,3-Trichloropropane	10.284	75	50111	5.316	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	415095	5.473	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	428747	5.643	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	232109	5.518	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	229809	5.434	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	203943	5.396	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.423	75	8103	4.369	ug/L	94
69) 1,3,5-Trichlorobenzene	12.638	180	159683	4.920	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	133463	5.437	ug/L	100
71) Naphthalene	13.493	128	214371	6.768	ug/L	100
72) 1,2,3-Trichlorobenzene	13.734	180	117444	5.649	ug/L	100

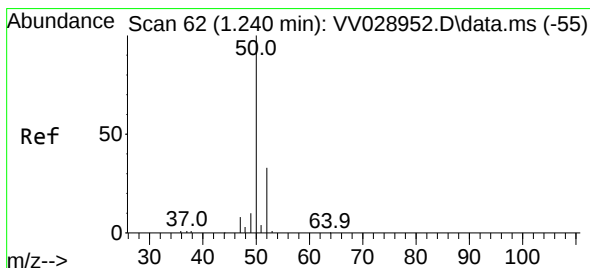
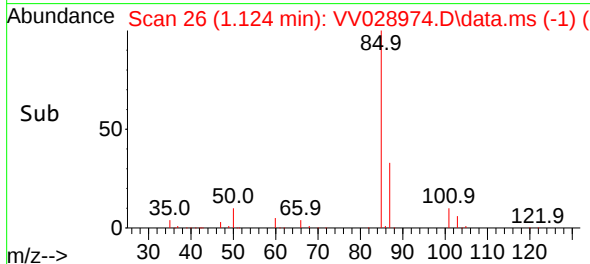
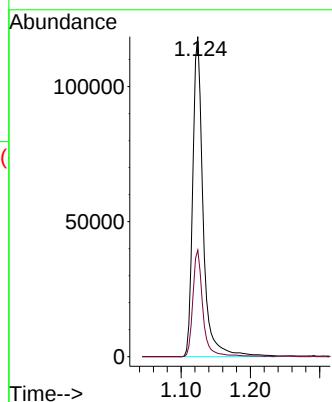
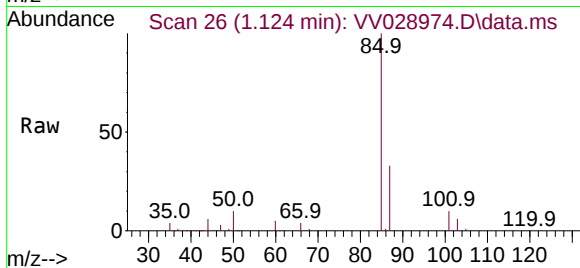
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#2
Dichlorodifluoromethane
Concen: 6.931 ug/L
RT: 1.124 min Scan# 20
Delta R.T. -0.006 min
Lab File: VV028974.D
Acq: 15 Nov 2022 06:15

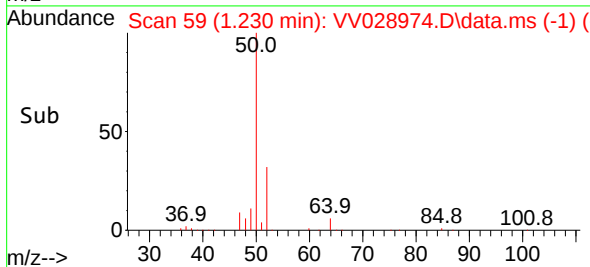
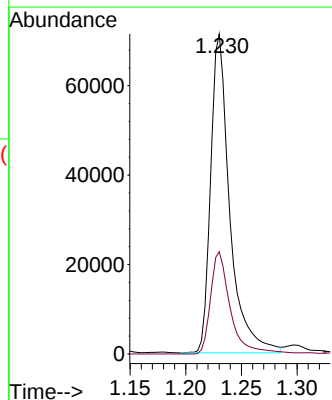
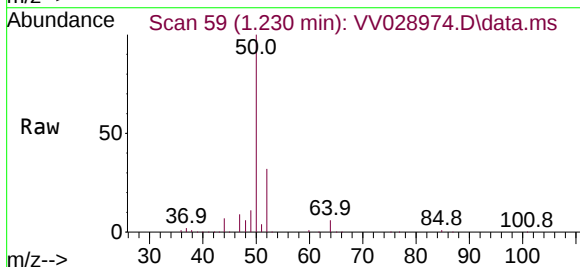
Instrument :
MSVOA_V
ClientSampleId :
H46C8MSD

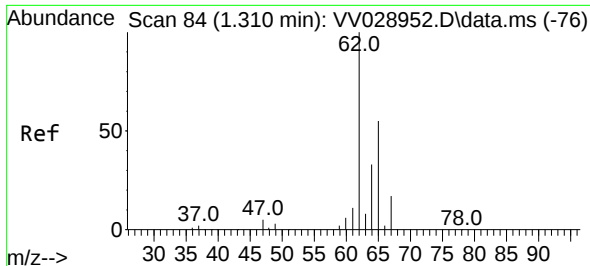
Tgt Ion: 85 Resp: 124019
Ion Ratio Lower Upper
85 100
87 31.5 25.0 37.4



#3
Chloromethane
Concen: 5.729 ug/L
RT: 1.230 min Scan# 59
Delta R.T. -0.009 min
Lab File: VV028974.D
Acq: 15 Nov 2022 06:15

Tgt Ion: 50 Resp: 85087
Ion Ratio Lower Upper
50 100
52 31.9 23.7 43.9

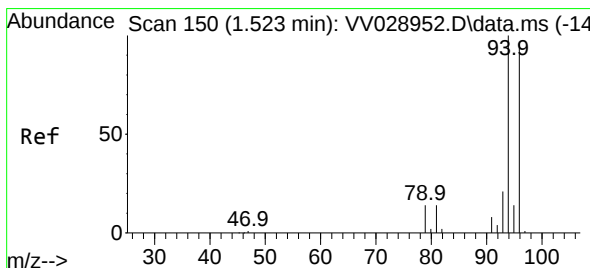
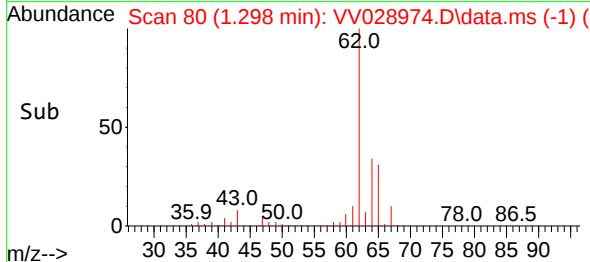
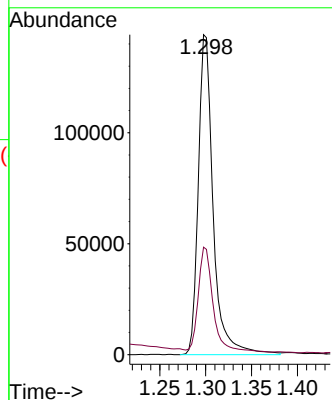
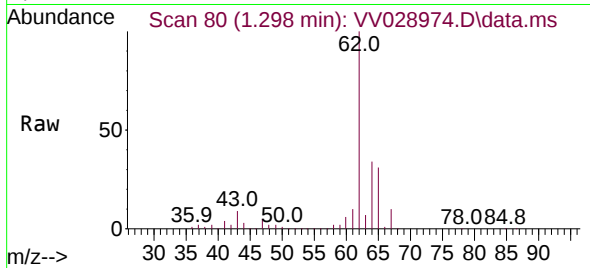




#5
 Vinyl chloride
 Concen: 9.604 ug/L
 RT: 1.298 min Scan# 80
 Delta R.T. -0.013 min
 Lab File: VV028974.D
 Acq: 15 Nov 2022 06:15

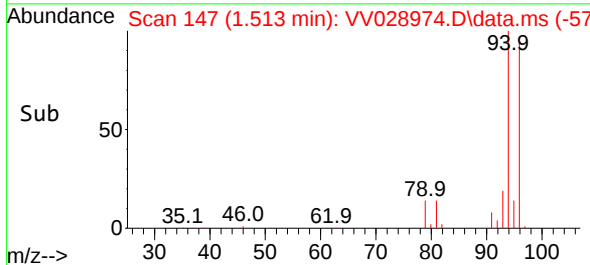
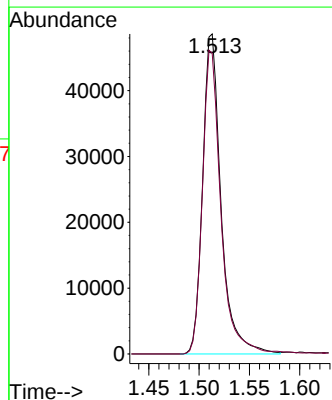
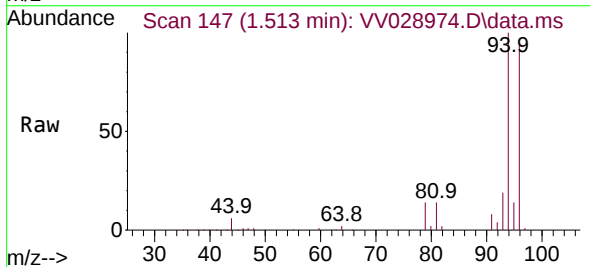
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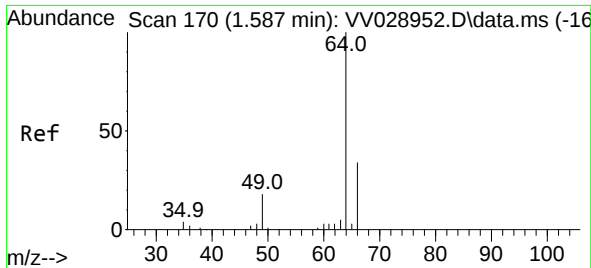
Tgt Ion: 62 Resp: 162682
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.8 42.4



#6
 Bromomethane
 Concen: 6.115 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.009 min
 Lab File: VV028974.D
 Acq: 15 Nov 2022 06:15

Tgt Ion: 94 Resp: 61914
 Ion Ratio Lower Upper
 94 100
 96 93.9 68.5 127.3

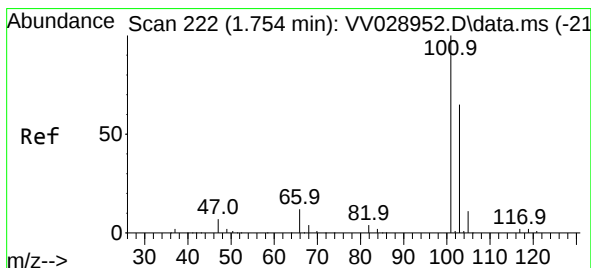
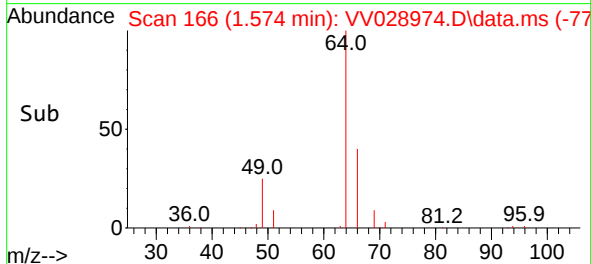
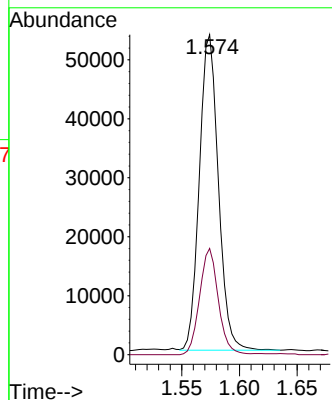
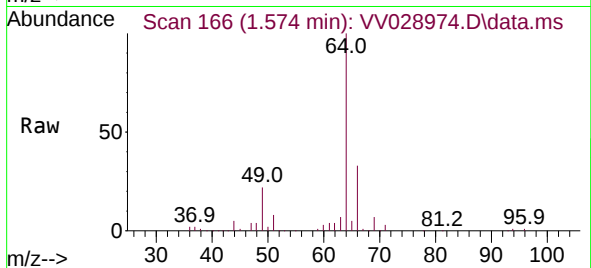




#8
Chloroethane
Concen: 6.144 ug/L
RT: 1.574 min Scan# 11
Delta R.T. -0.013 min
Lab File: VV028974.D
Acq: 15 Nov 2022 06:15

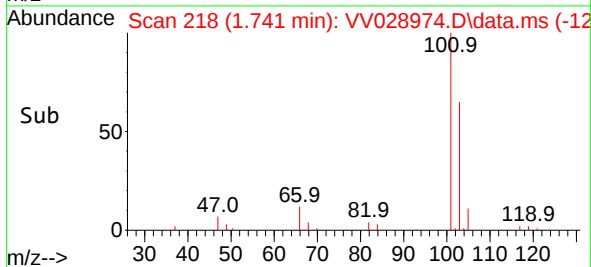
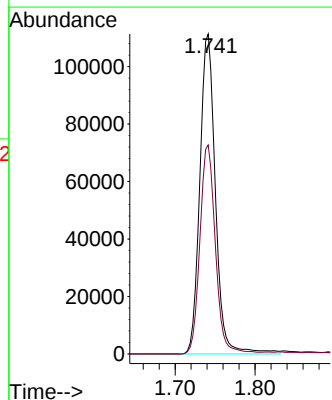
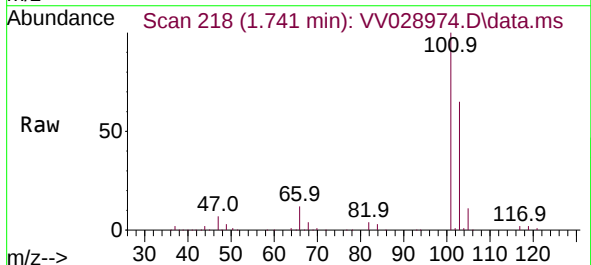
Instrument :
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ClientSampleId :
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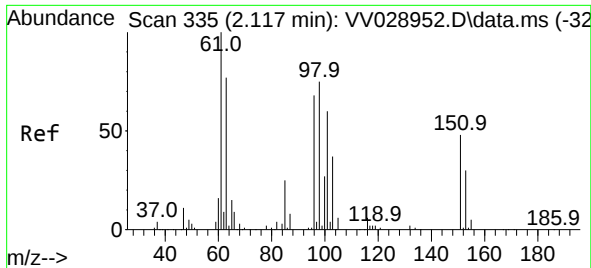
Tgt Ion: 64 Resp: 61159
Ion Ratio Lower Upper
64 100
66 33.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 6.650 ug/L
RT: 1.741 min Scan# 218
Delta R.T. -0.013 min
Lab File: VV028974.D
Acq: 15 Nov 2022 06:15

Tgt Ion:101 Resp: 151877
Ion Ratio Lower Upper
101 100
103 64.8 51.3 76.9

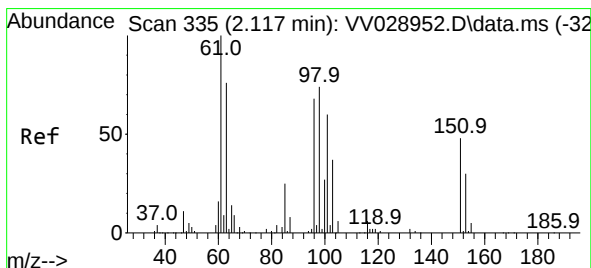
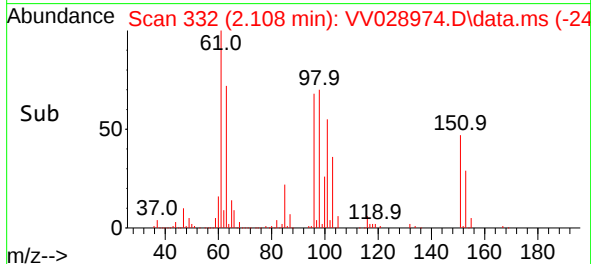
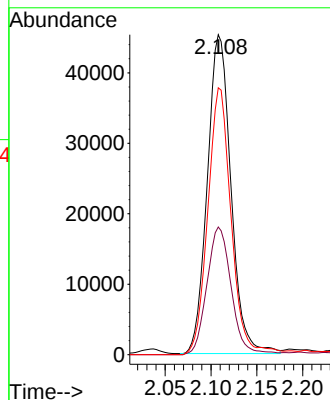
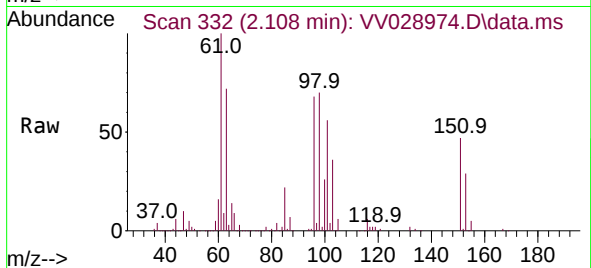




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 6.295 ug/L
 RT: 2.108 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: VV028974.D
 Acq: 15 Nov 2022 06:15

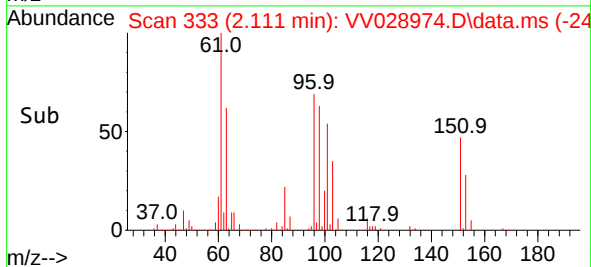
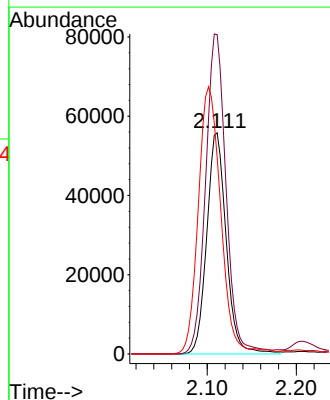
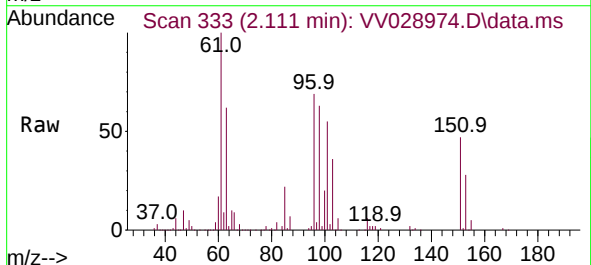
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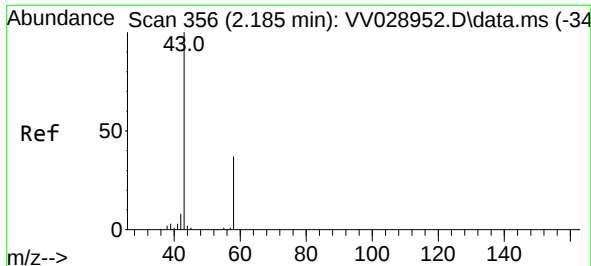
Tgt Ion:101 Resp: 81408
 Ion Ratio Lower Upper
 101 100
 85 41.1 32.9 49.3
 151 82.5 62.5 93.7



#12
 1,1-Dichloroethene
 Concen: 6.506 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.006 min
 Lab File: VV028974.D
 Acq: 15 Nov 2022 06:15

Tgt Ion: 96 Resp: 84535
 Ion Ratio Lower Upper
 96 100
 61 144.4 104.2 193.4
 63 88.9 75.9 140.9





#13

Acetone

Concen: 24.578 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.113 min

Lab File: VV028974.D

Acq: 15 Nov 2022 06:15

Instrument :

MSVOA_V

ClientSampleId :

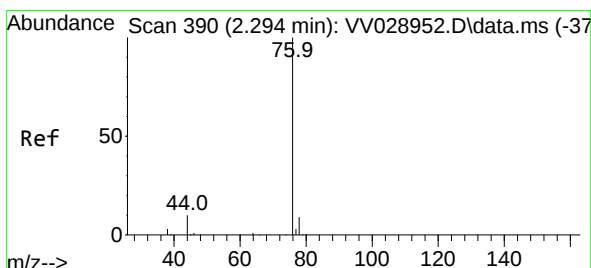
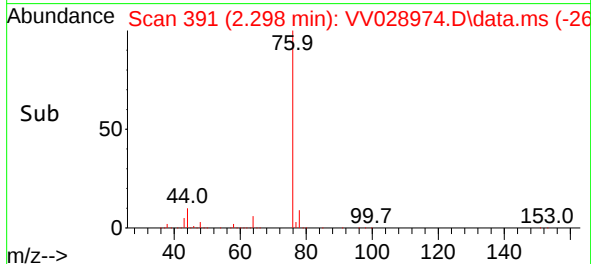
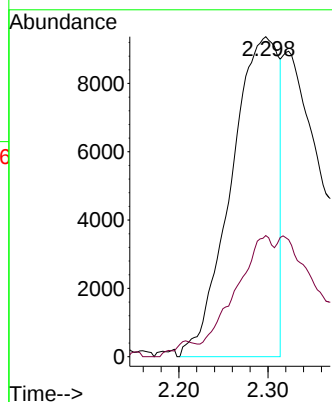
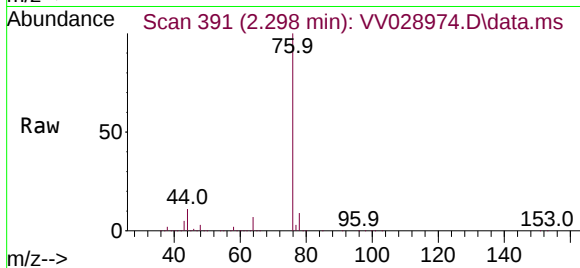
H46C8MSD

Tgt Ion: 43 Resp: 34634

Ion Ratio Lower Upper

43 100

58 25.2 0.0 56.6



#14

Carbon disulfide

Concen: 6.925 ug/L

RT: 2.301 min Scan# 392

Delta R.T. 0.007 min

Lab File: VV028974.D

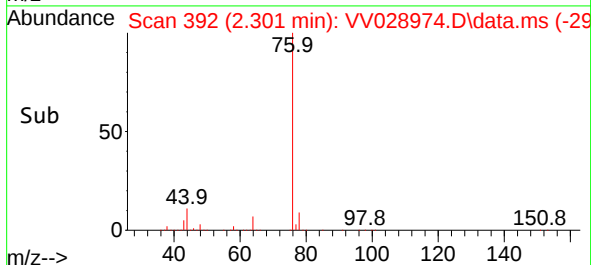
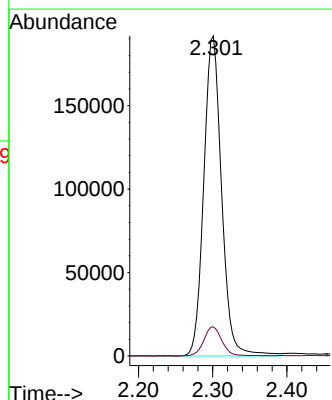
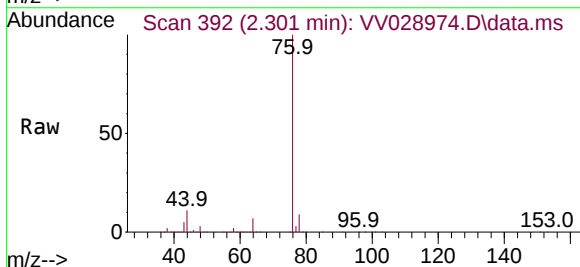
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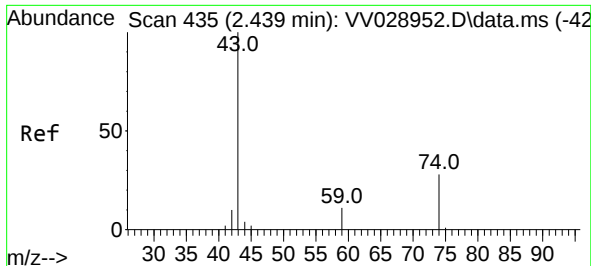
Tgt Ion: 76 Resp: 319556

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

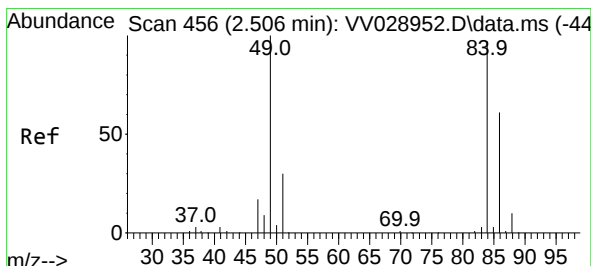
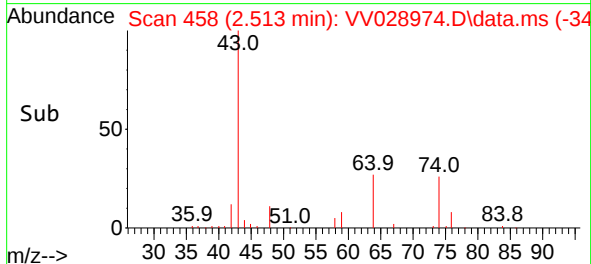
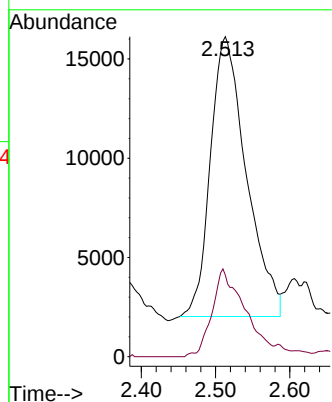
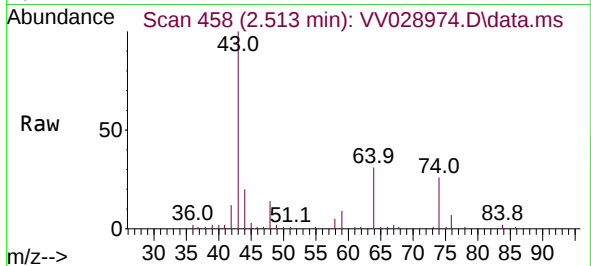




#15
Methyl Acetate
Concen: 13.874 ug/L
RT: 2.513 min Scan# 41
Delta R.T. 0.074 min
Lab File: VV028974.D
Acq: 15 Nov 2022 06:15

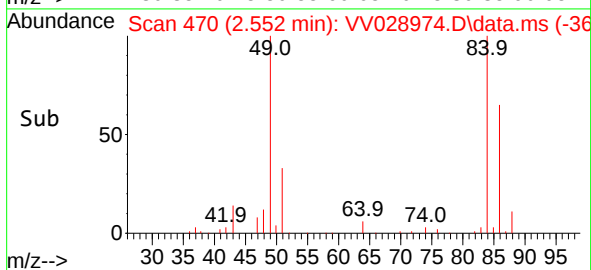
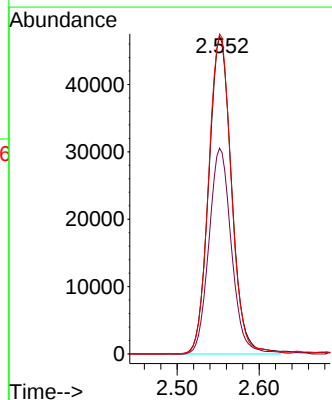
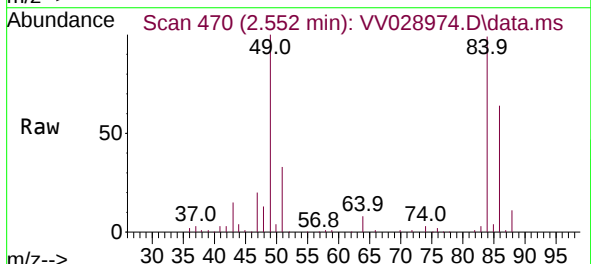
Instrument :
MSVOA_V
ClientSampleId :
H46C8MSD

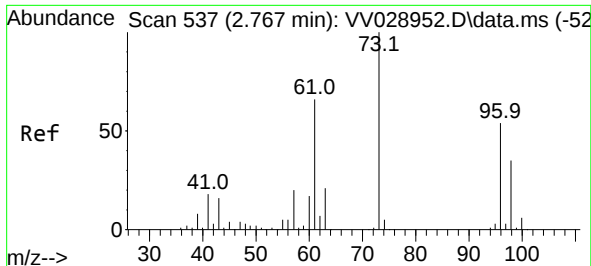
Tgt Ion: 43 Resp: 47445
Ion Ratio Lower Upper
43 100
74 28.4 24.6 37.0



#16
Methylene chloride
Concen: 5.428 ug/L
RT: 2.552 min Scan# 470
Delta R.T. 0.045 min
Lab File: VV028974.D
Acq: 15 Nov 2022 06:15

Tgt Ion: 84 Resp: 91202
Ion Ratio Lower Upper
84 100
86 64.8 45.8 85.0
49 100.7 75.5 140.1

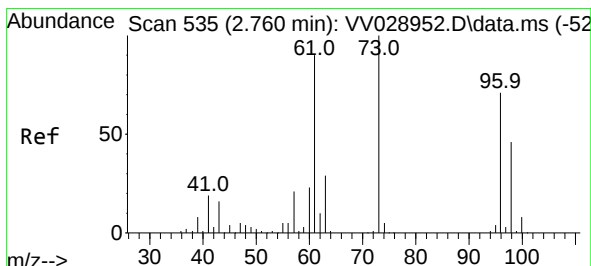
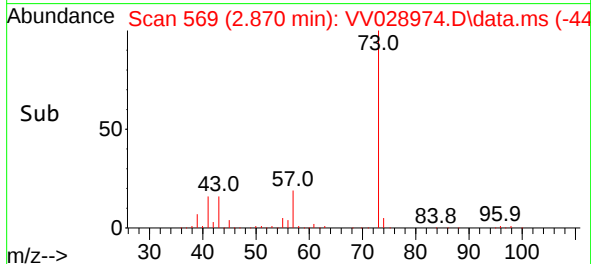
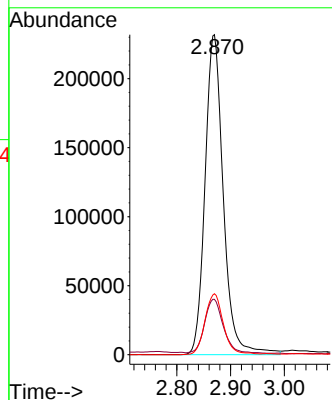
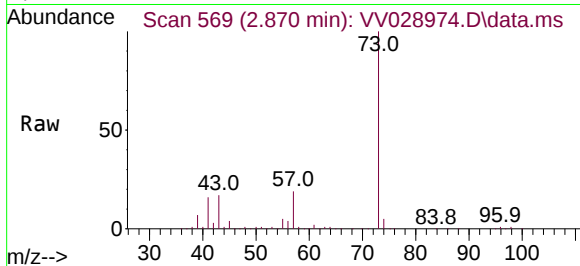




#17
Methyl tert-butyl Ether
Concen: 19.667 ug/L
RT: 2.870 min Scan# 511
Delta R.T. 0.103 min
Lab File: VV028974.D
Acq: 15 Nov 2022 06:15

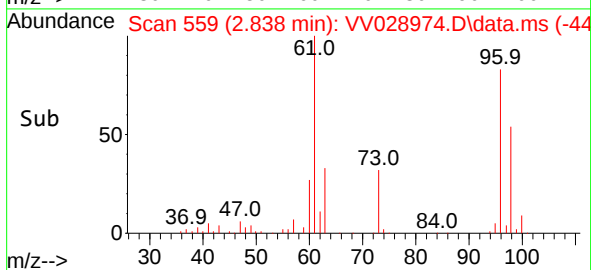
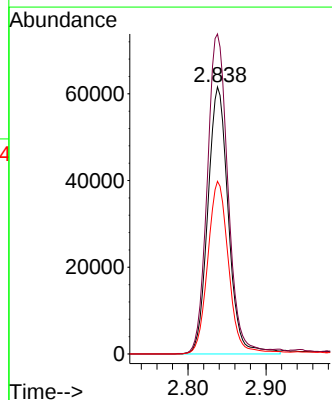
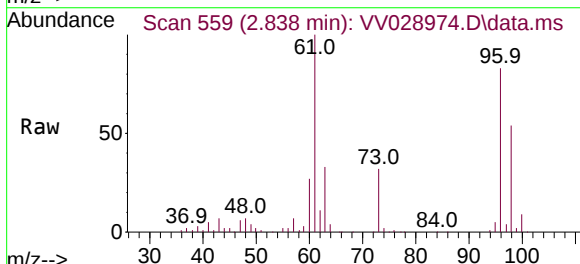
Instrument :
MSVOA_V
ClientSampleId :
H46C8MSD

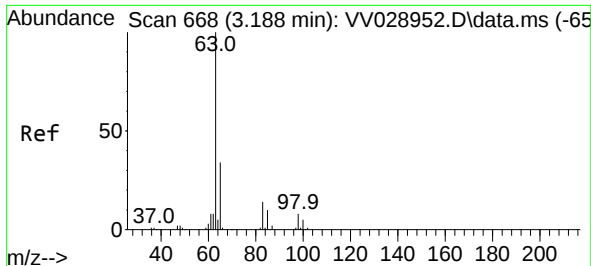
Tgt Ion: 73 Resp: 547908
Ion Ratio Lower Upper
73 100
43 17.2 13.0 19.4
57 19.2 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 7.475 ug/L
RT: 2.838 min Scan# 559
Delta R.T. 0.077 min
Lab File: VV028974.D
Acq: 15 Nov 2022 06:15

Tgt Ion: 96 Resp: 112654
Ion Ratio Lower Upper
96 100
61 119.8 91.8 170.6
98 64.7 46.4 86.2





#19

1,1-Dichloroethane

Concen: 5.707 ug/L

RT: 3.269 min Scan# 61

Delta R.T. 0.081 min

Lab File: VV028974.D

Acq: 15 Nov 2022 06:15

Instrument :

MSVOA_V

ClientSampleId :

H46C8MSD

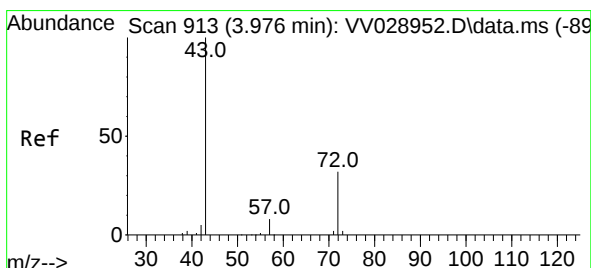
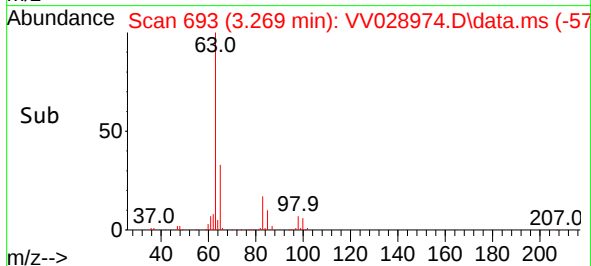
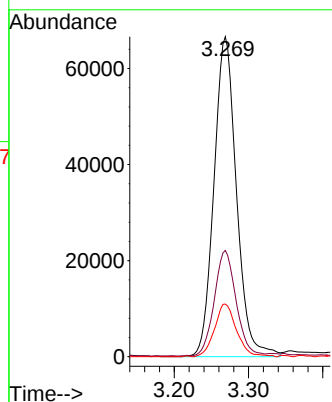
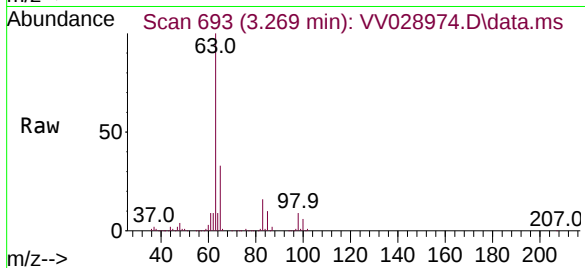
Tgt Ion: 63 Resp: 140594

Ion Ratio Lower Upper

63 100

65 33.2 23.0 42.6

83 16.5 9.4 17.6



#21

2-Butanone

Concen: 37.937 ug/L

RT: 4.153 min Scan# 968

Delta R.T. 0.177 min

Lab File: VV028974.D

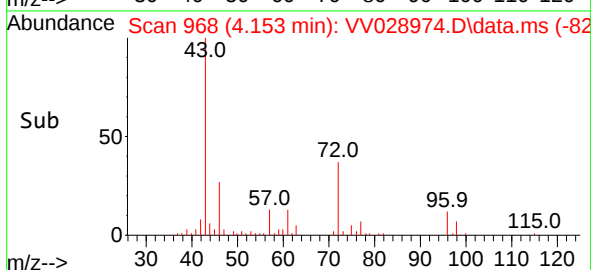
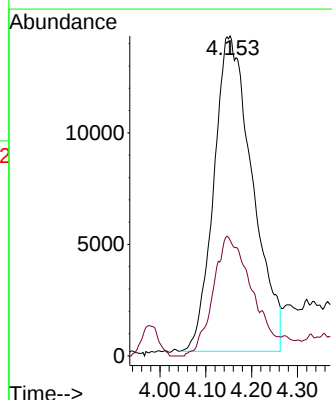
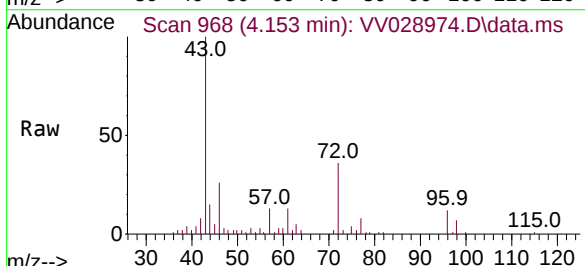
Acq: 15 Nov 2022 06:15

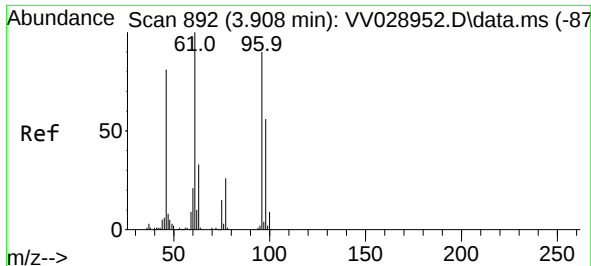
Tgt Ion: 43 Resp: 82764

Ion Ratio Lower Upper

43 100

72 38.6 11.9 35.9#

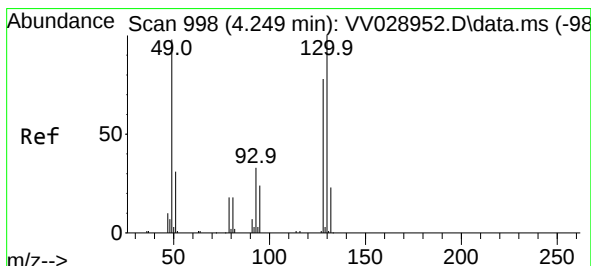
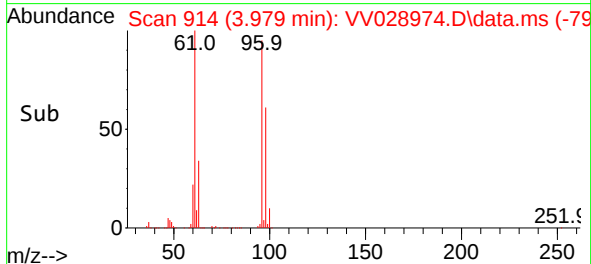
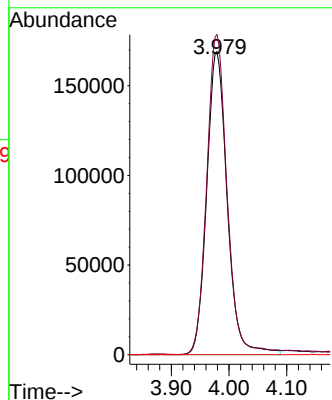
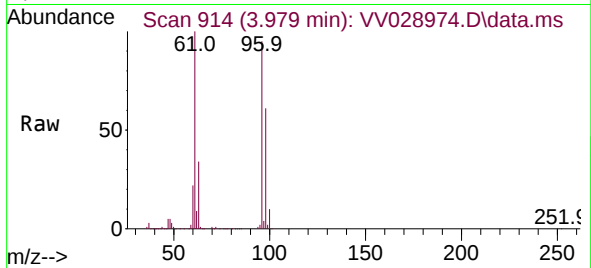




#22
 cis-1,2-Dichloroethene
 Concen: 27.192 ug/L
 RT: 3.979 min Scan# 91
 Delta R.T. 0.071 min
 Lab File: VV028974.D
 Acq: 15 Nov 2022 06:15

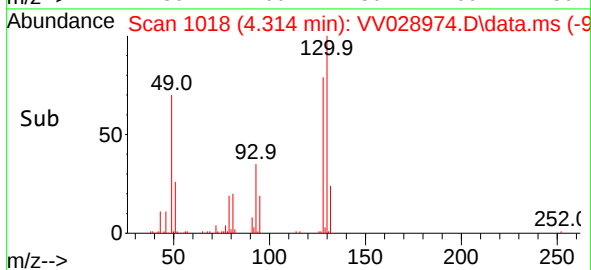
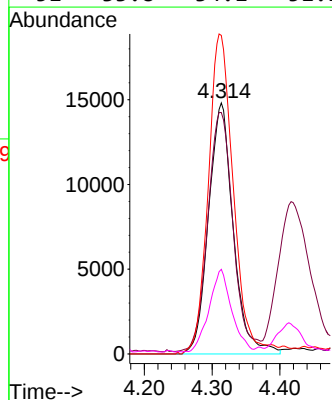
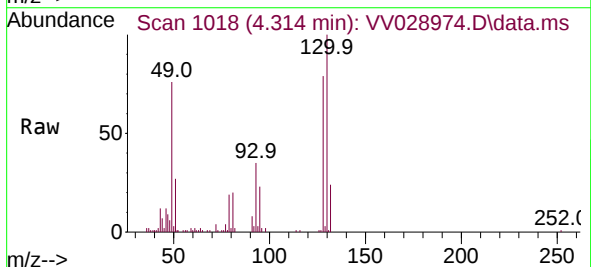
Instrument :
 MSVOA_V
 ClientSampleId :
 H46C8MSD

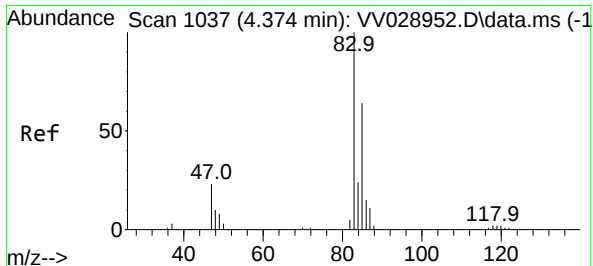
Tgt Ion: 96 Resp: 416629
 Ion Ratio Lower Upper
 96 100
 61 105.6 82.3 152.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.789 ug/L
 RT: 4.314 min Scan# 1018
 Delta R.T. 0.064 min
 Lab File: VV028974.D
 Acq: 15 Nov 2022 06:15

Tgt Ion: 128 Resp: 37515
 Ion Ratio Lower Upper
 128 100
 49 96.2 89.5 166.1
 130 126.9 84.4 156.8
 51 33.8 34.1 51.1#





#25

Chloroform

Concen: 5.589 ug/L

RT: 4.439 min Scan# 1037

Delta R.T. 0.064 min

Lab File: VV028974.D

Acq: 15 Nov 2022 06:15

Instrument :

MSVOA_V

ClientSampleId :

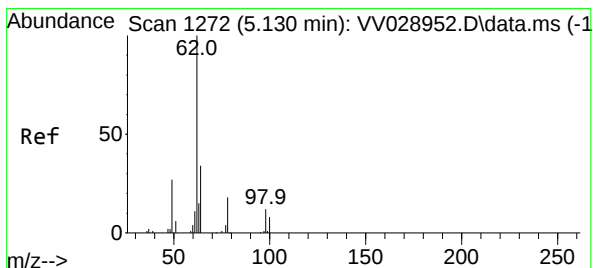
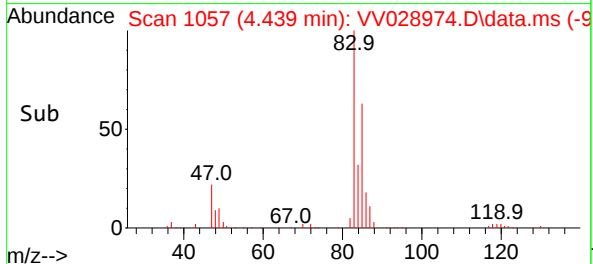
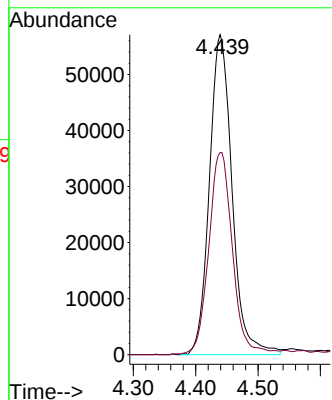
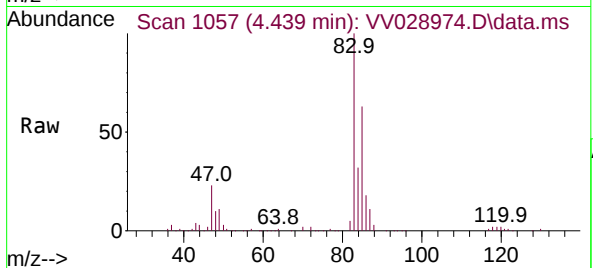
H46C8MSD

Tgt Ion: 83 Resp: 144344

Ion Ratio Lower Upper

83 100

85 63.1 43.7 81.1



#27

1,2-Dichloroethane

Concen: 5.030 ug/L

RT: 5.182 min Scan# 1288

Delta R.T. 0.052 min

Lab File: VV028974.D

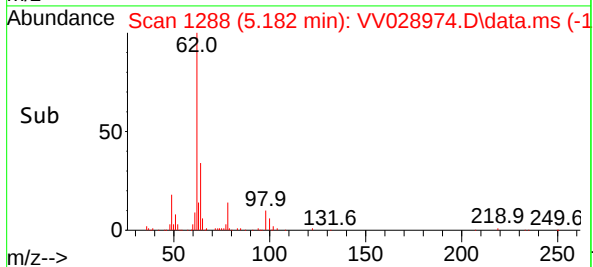
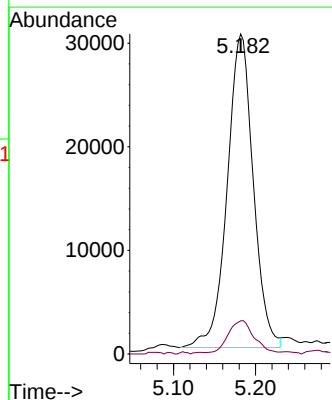
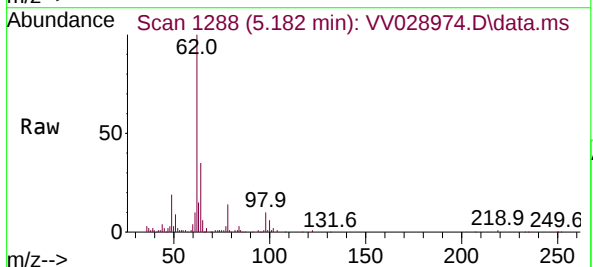
Acq: 15 Nov 2022 06:15

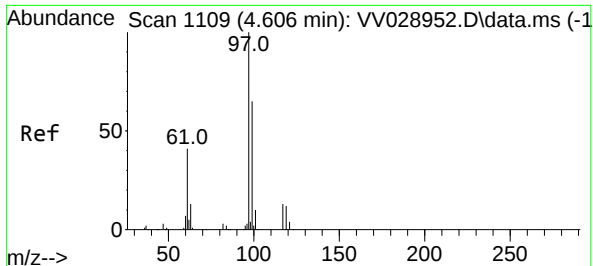
Tgt Ion: 62 Resp: 66915

Ion Ratio Lower Upper

62 100

98 10.4 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 4.553 ug/L

RT: 4.661 min Scan# 1109

Delta R.T. 0.055 min

Lab File: VV028974.D

Acq: 15 Nov 2022 06:15

Instrument :

MSVOA_V

ClientSampleId :

H46C8MSD

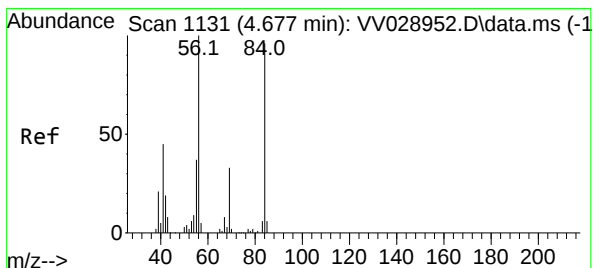
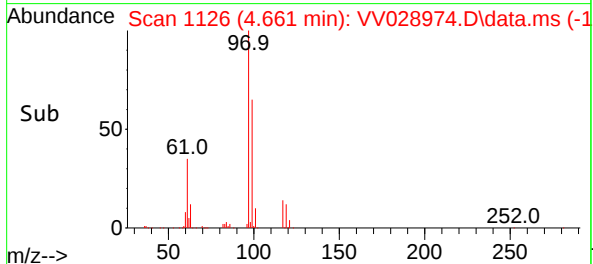
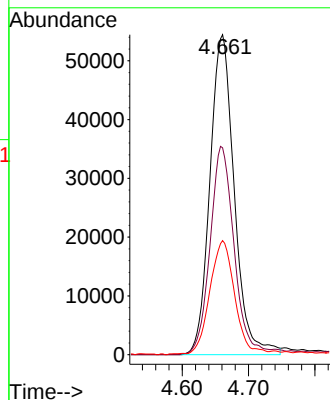
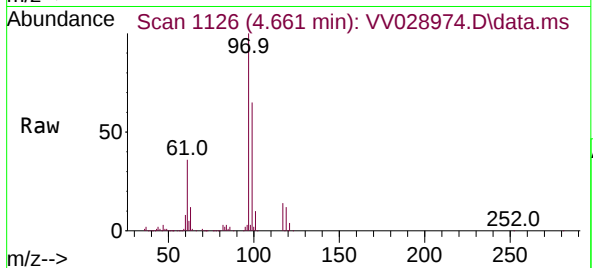
Tgt Ion: 97 Resp: 139013

Ion Ratio Lower Upper

97 100

99 64.1 52.7 79.1

61 35.4 33.8 50.6



#30

Cyclohexane

Concen: 3.307 ug/L

RT: 4.719 min Scan# 1144

Delta R.T. 0.042 min

Lab File: VV028974.D

Acq: 15 Nov 2022 06:15

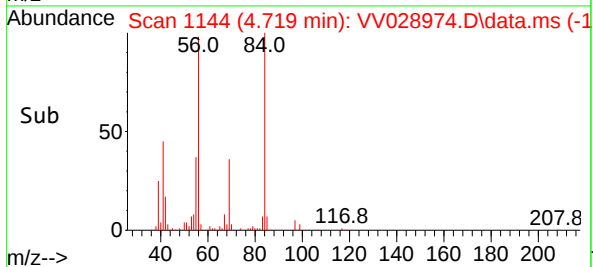
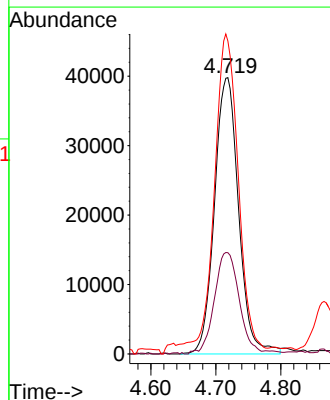
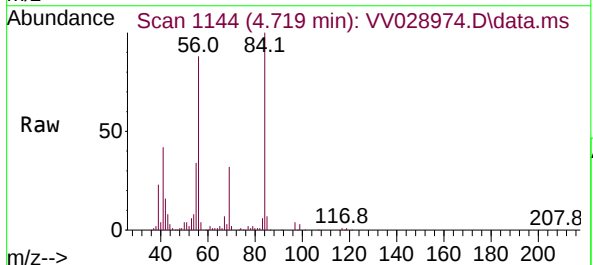
Tgt Ion: 56 Resp: 102626

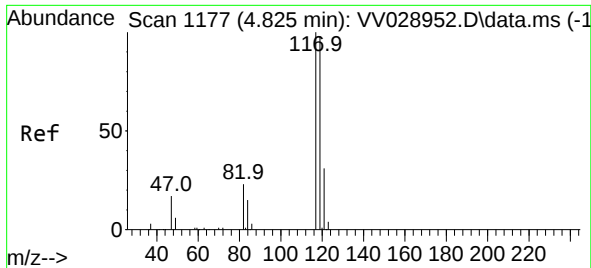
Ion Ratio Lower Upper

56 100

69 37.6 26.1 39.1

84 112.1 77.9 116.9

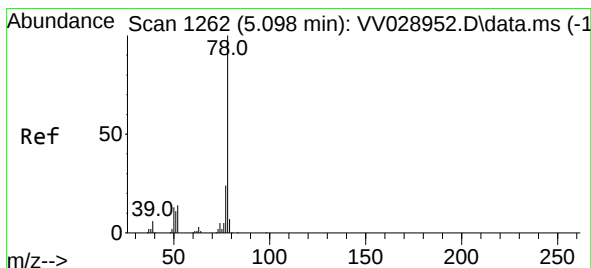
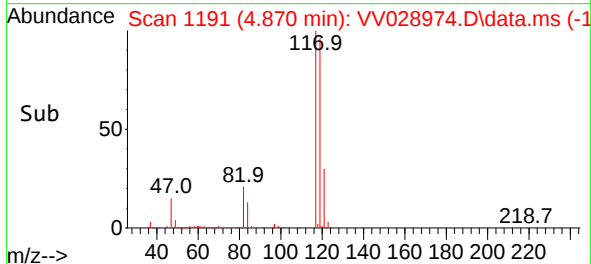
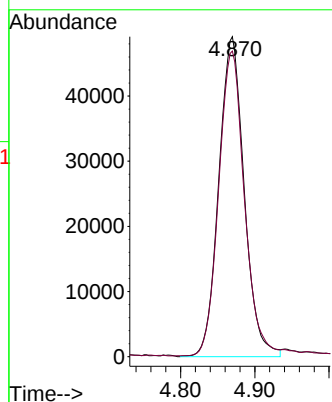
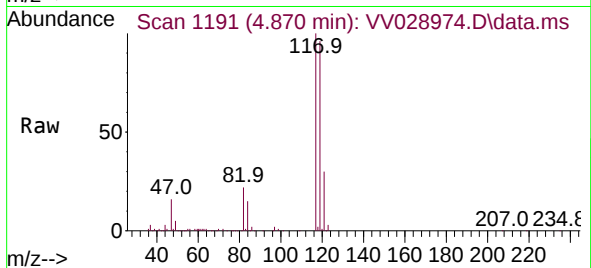




#31
Carbon tetrachloride
Concen: 4.436 ug/L
RT: 4.870 min Scan# 1177
Delta R.T. 0.045 min
Lab File: VV028974.D
Acq: 15 Nov 2022 06:15

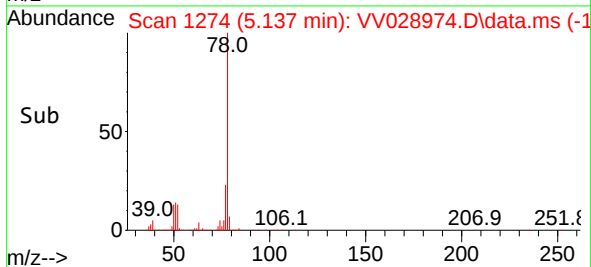
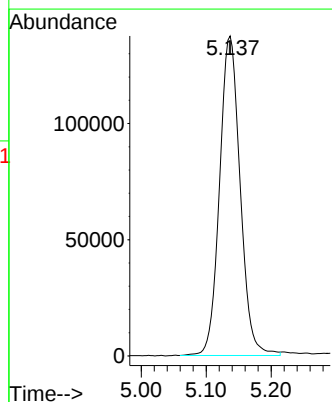
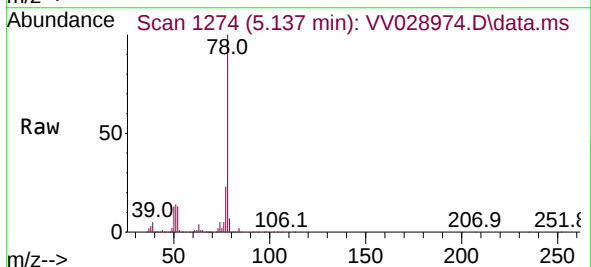
Instrument : MSVOA_V
ClientSampleId : H46C8MSD

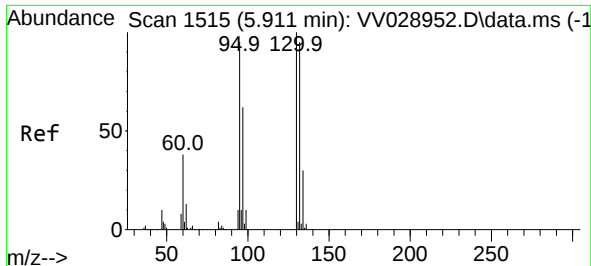
Tgt Ion:117 Resp: 116642
Ion Ratio Lower Upper
117 100
119 96.0 77.0 115.6



#33
Benzene
Concen: 3.798 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.039 min
Lab File: VV028974.D
Acq: 15 Nov 2022 06:15

Tgt Ion: 78 Resp: 301947

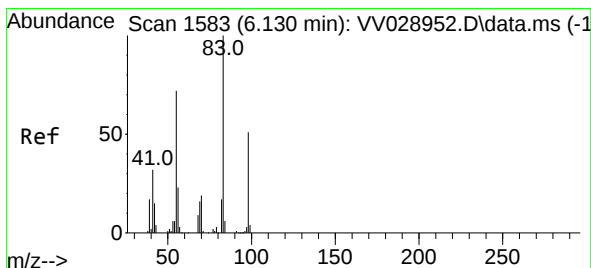
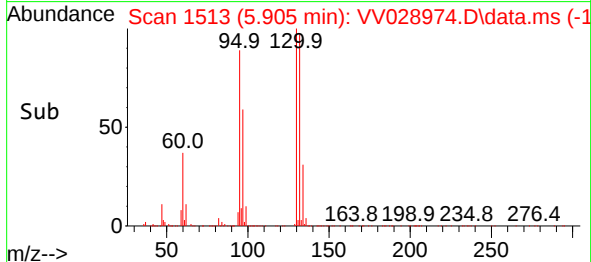
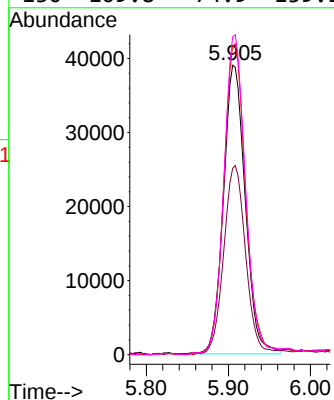
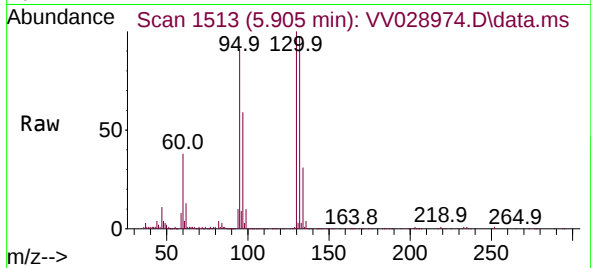




#34
Trichloroethene
Concen: 3.540 ug/L
RT: 5.905 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV028974.D
Acq: 15 Nov 2022 06:15

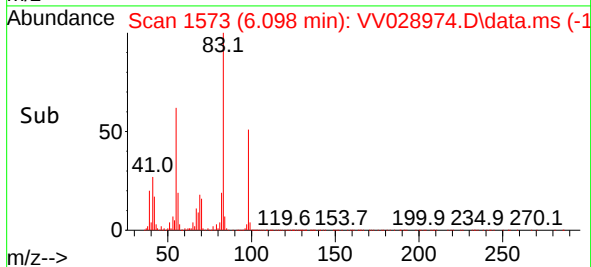
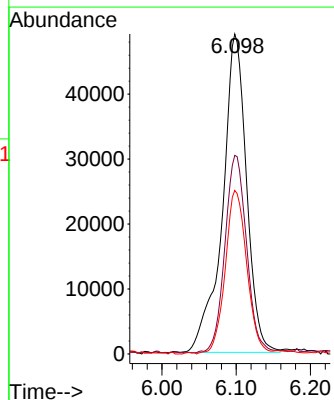
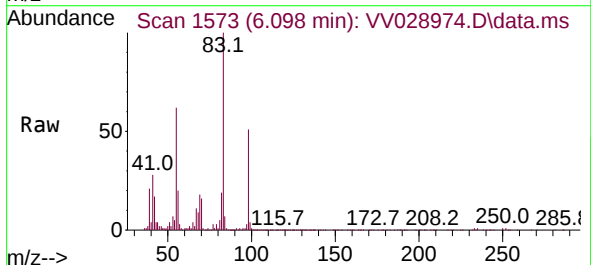
Instrument :
MSVOA_V
ClientSampleId :
H46C8MSD

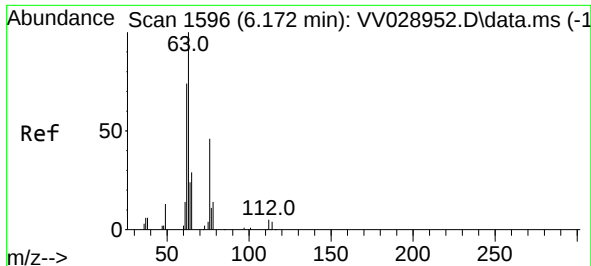
Tgt Ion:	95	Resp:	72061
Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.6	84.8
132	106.7	69.1	128.3
130	109.8	74.9	139.1



#35
Methylcyclohexane
Concen: 3.093 ug/L
RT: 6.098 min Scan# 1573
Delta R.T. -0.032 min
Lab File: VV028974.D
Acq: 15 Nov 2022 06:15

Tgt Ion:	83	Resp:	110639
Ion	Ratio	Lower	Upper
83	100		
55	56.3	55.8	83.6
98	45.9	38.2	57.2





#37

1,2-Dichloropropane

Concen: 2.185 ug/L

RT: 6.166 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV028974.D

Acq: 15 Nov 2022 06:15

Instrument :

MSVOA_V

ClientSampleId :

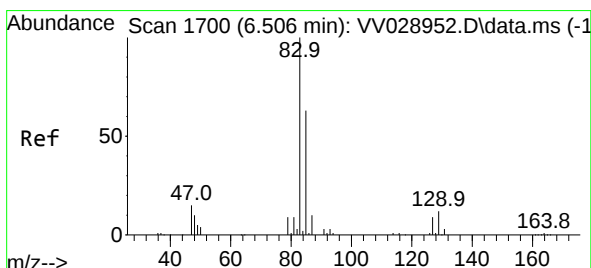
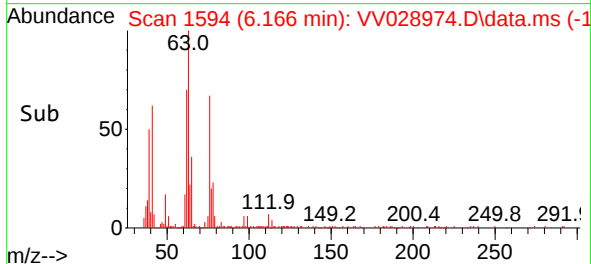
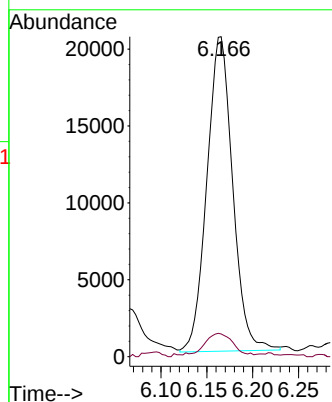
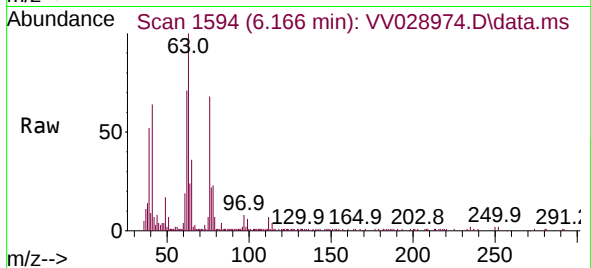
H46C8MSD

Tgt Ion: 63 Resp: 40069

Ion Ratio Lower Upper

63 100

112 8.1 4.0 6.0#



#38

Bromodichloromethane

Concen: 4.480 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.007 min

Lab File: VV028974.D

Acq: 15 Nov 2022 06:15

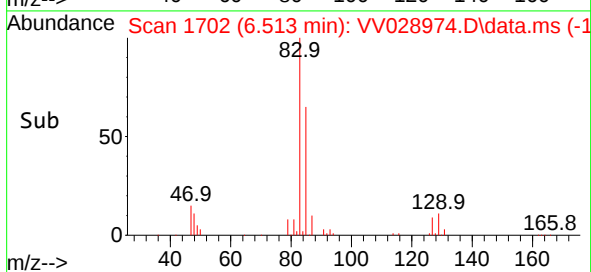
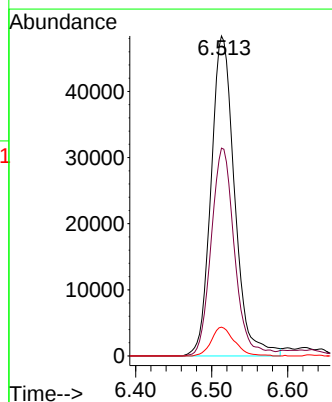
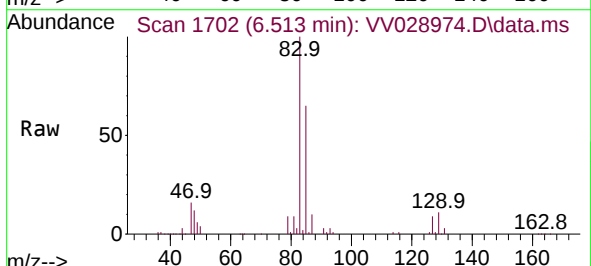
Tgt Ion: 83 Resp: 104031

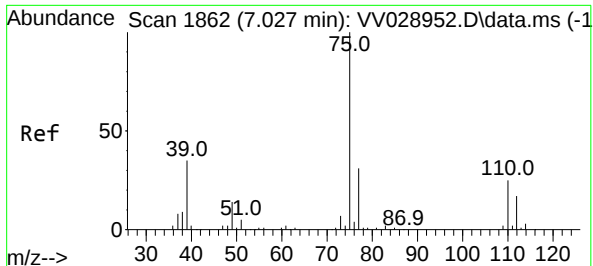
Ion Ratio Lower Upper

83 100

85 64.9 46.1 85.5

127 9.0 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.043 ug/L

RT: 7.101 min Scan# 11

Delta R.T. 0.074 min

Lab File: VV028974.D

Acq: 15 Nov 2022 06:15

Instrument :

MSVOA_V

ClientSampleId :

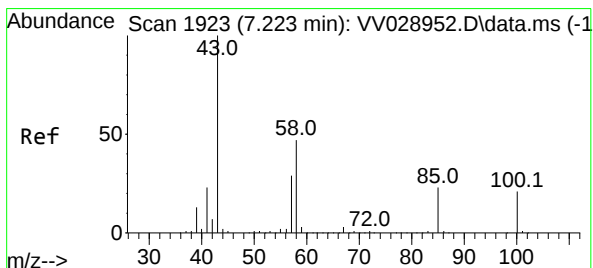
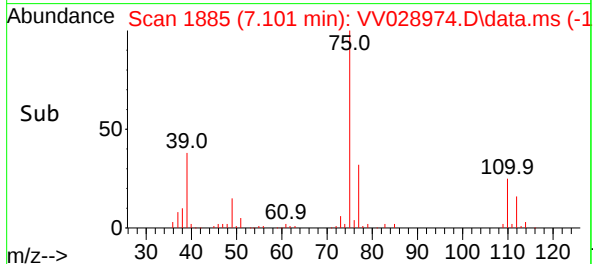
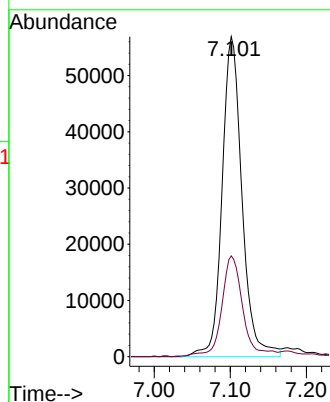
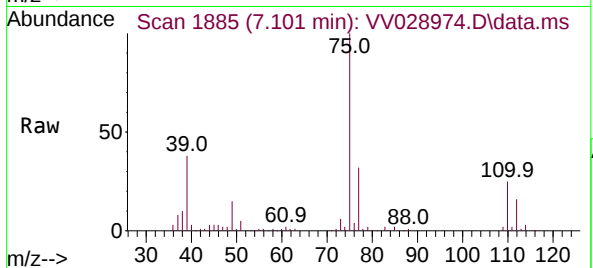
H46C8MSD

Tgt Ion: 75 Resp: 103490

Ion Ratio Lower Upper

75 100

77 31.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 55.944 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.097 min

Lab File: VV028974.D

Acq: 15 Nov 2022 06:15

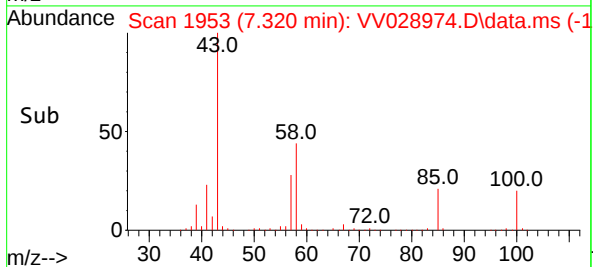
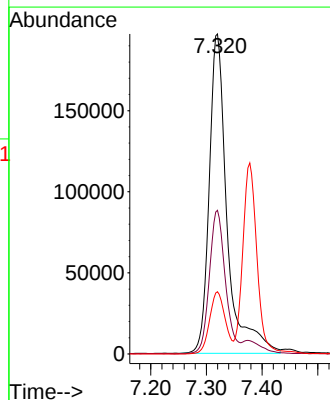
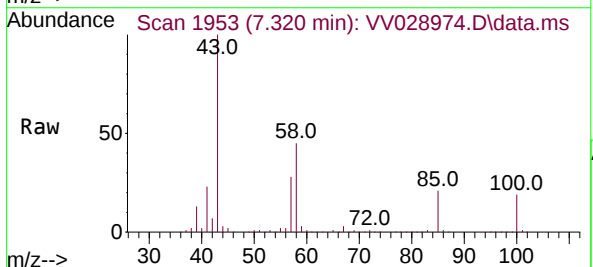
Tgt Ion: 43 Resp: 441328

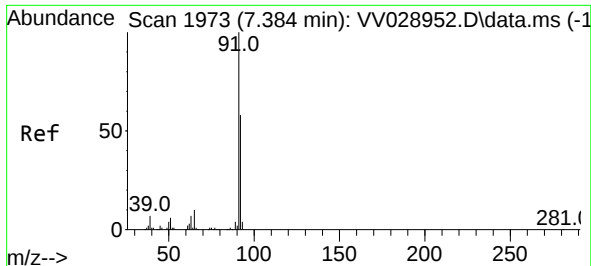
Ion Ratio Lower Upper

43 100

58 40.5 36.6 55.0

100 17.2 14.5 21.7





#42

Toluene

Concen: 5.488 ug/L

RT: 7.448 min Scan# 1973

Delta R.T. 0.064 min

Lab File: VV028974.D

Acq: 15 Nov 2022 06:15

Instrument :

MSVOA_V

ClientSampleId :

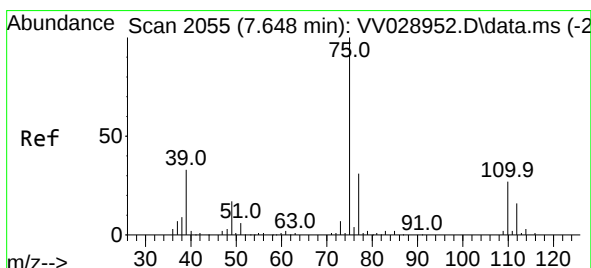
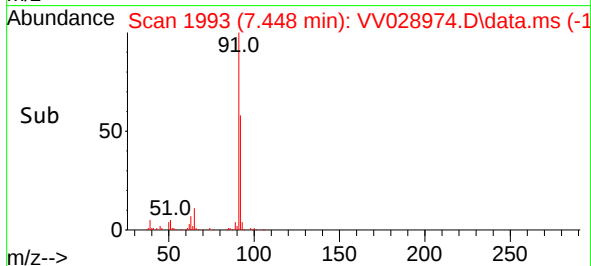
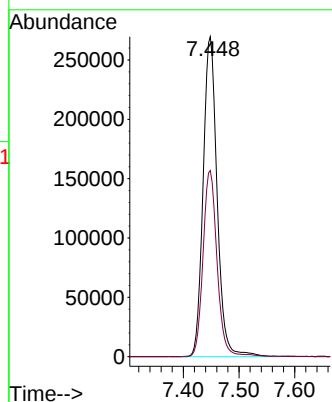
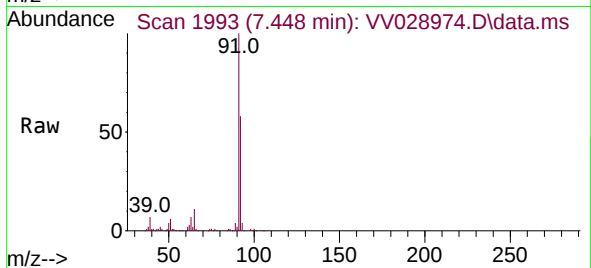
H46C8MSD

Tgt Ion: 91 Resp: 471412

Ion Ratio Lower Upper

91 100

92 58.2 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 3.729 ug/L

RT: 7.706 min Scan# 2073

Delta R.T. 0.058 min

Lab File: VV028974.D

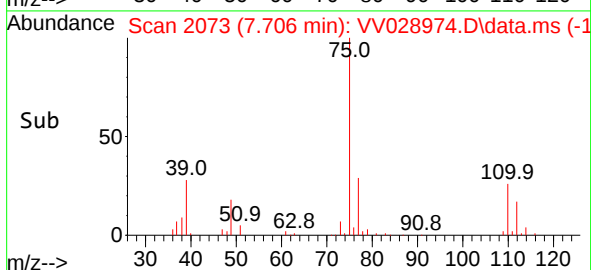
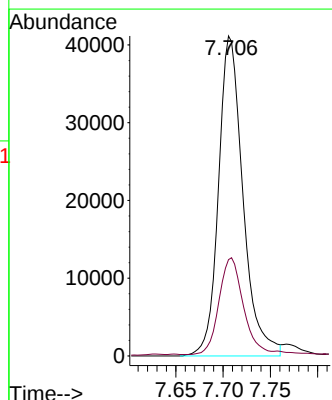
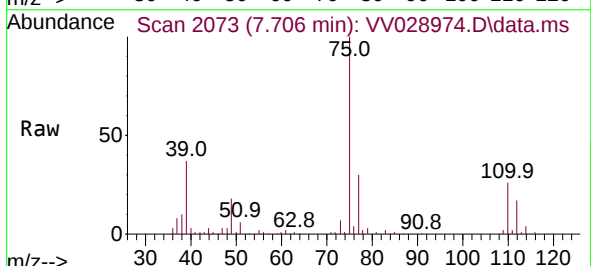
Acq: 15 Nov 2022 06:15

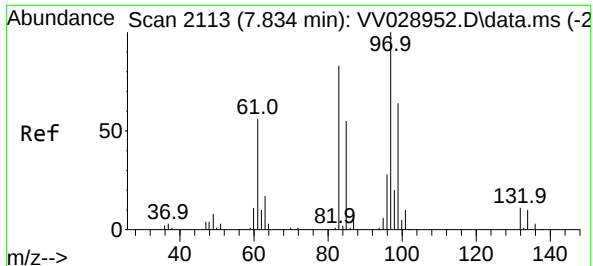
Tgt Ion: 75 Resp: 74102

Ion Ratio Lower Upper

75 100

77 30.1 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 5.467 ug/L

RT: 7.892 min Scan# 2113

Delta R.T. 0.058 min

Lab File: VV028974.D

Acq: 15 Nov 2022 06:15

Instrument :

MSVOA_V

ClientSampleId :

H46C8MSD

Tgt Ion: 97 Resp: 65622

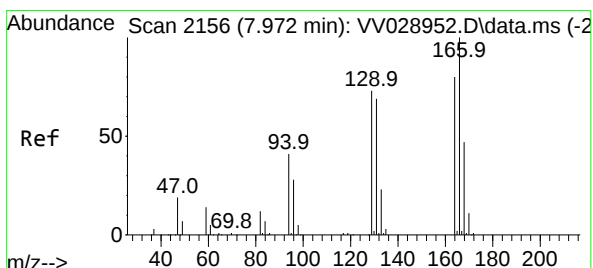
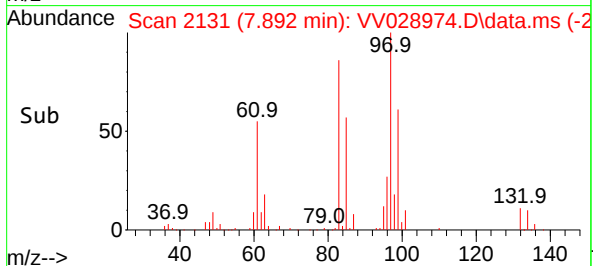
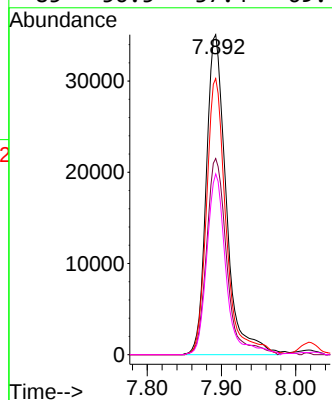
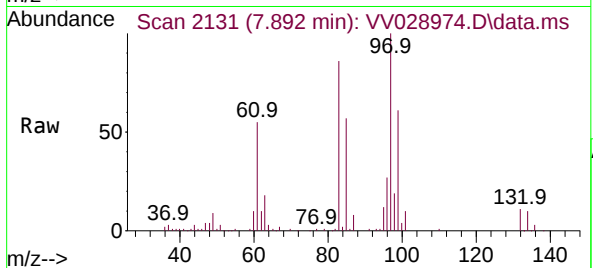
Ion Ratio Lower Upper

97 100

99 61.3 41.5 77.1

83 86.3 60.0 111.4

85 56.5 37.4 69.4



#47

Tetrachloroethene

Concen: 5.423 ug/L

RT: 8.018 min Scan# 2170

Delta R.T. 0.045 min

Lab File: VV028974.D

Acq: 15 Nov 2022 06:15

Tgt Ion:164 Resp: 88387

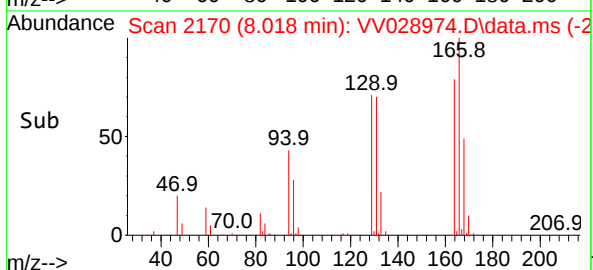
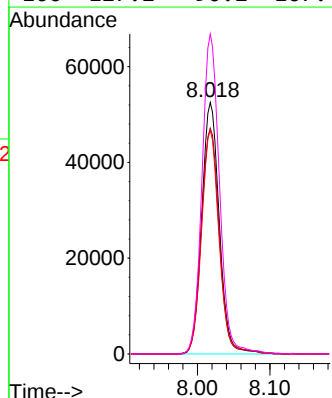
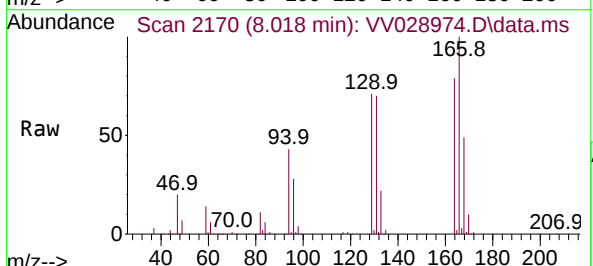
Ion Ratio Lower Upper

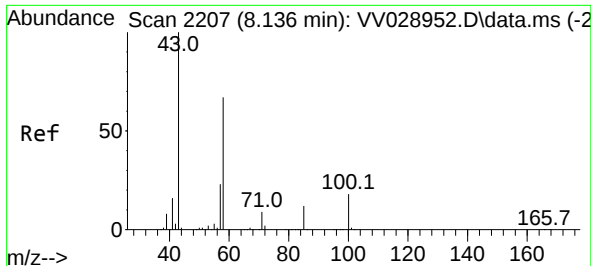
164 100

129 89.7 63.9 118.7

131 89.1 61.8 114.8

166 127.2 90.2 167.4



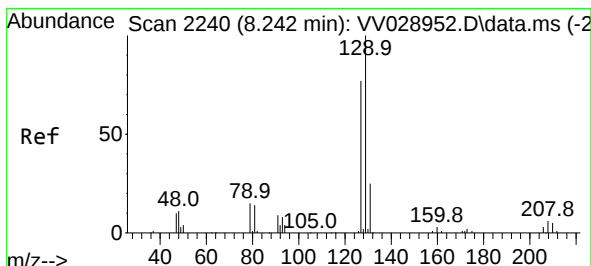
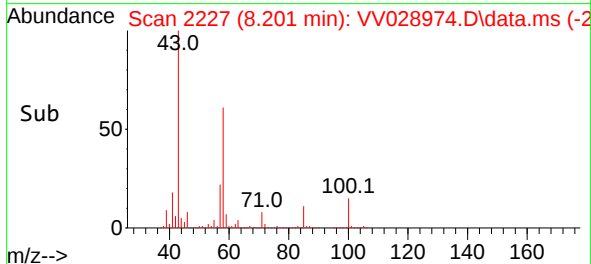
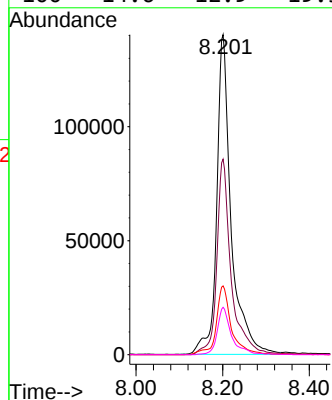
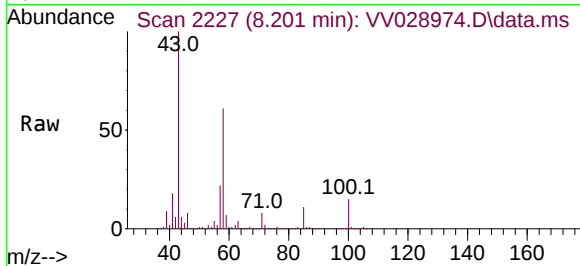


#48
2-Hexanone
Concen: 58.769 ug/L
RT: 8.201 min Scan# 21
Delta R.T. 0.064 min
Lab File: VV028974.D
Acq: 15 Nov 2022 06:15

Instrument :
MSVOA_V
ClientSampleId :
H46C8MSD

Tgt Ion: 43 Resp: 324759

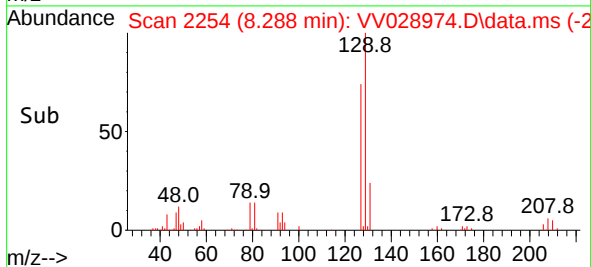
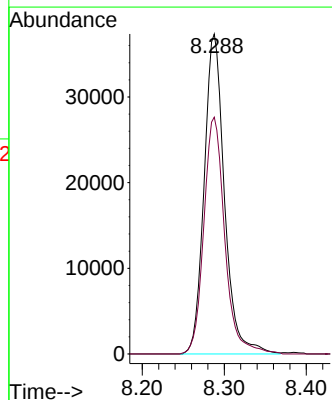
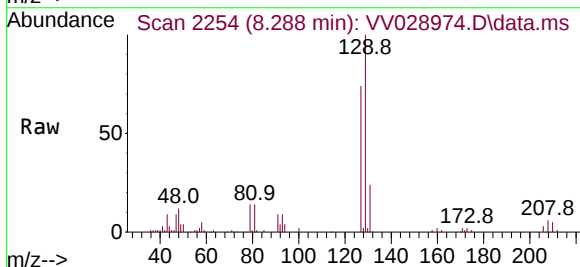
Ion	Ratio	Lower	Upper
43	100		
58	60.7	50.2	75.4
57	22.6	17.8	26.8
100	14.6	12.9	19.3

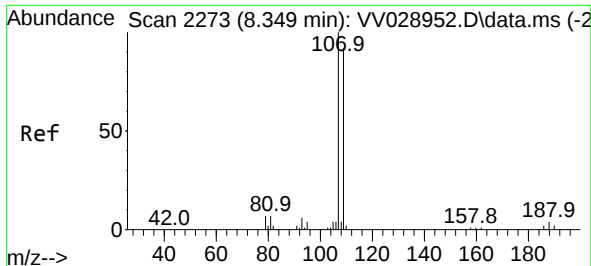


#49
Dibromochloromethane
Concen: 4.439 ug/L
RT: 8.288 min Scan# 2254
Delta R.T. 0.045 min
Lab File: VV028974.D
Acq: 15 Nov 2022 06:15

Tgt Ion: 129 Resp: 64410

Ion	Ratio	Lower	Upper
129	100		
127	74.0	54.5	101.1





#50

1,2-Dibromoethane

Concen: 5.309 ug/L

RT: 8.394 min Scan# 21

Delta R.T. 0.045 min

Lab File: VV028974.D

Acq: 15 Nov 2022 06:15

Instrument :

MSVOA_V

ClientSampleId :

H46C8MSD

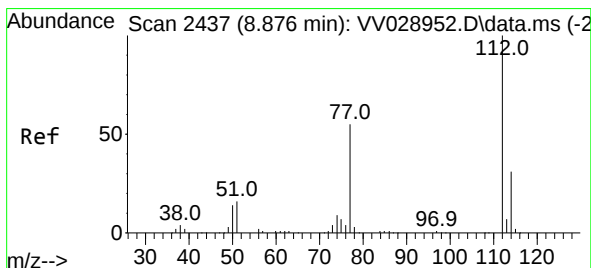
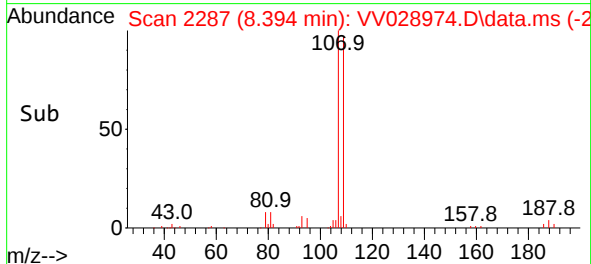
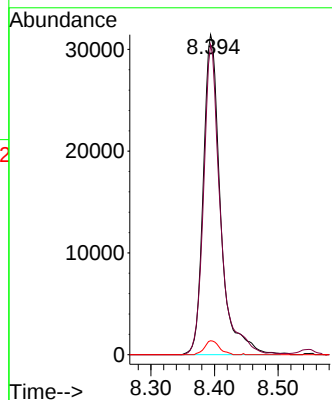
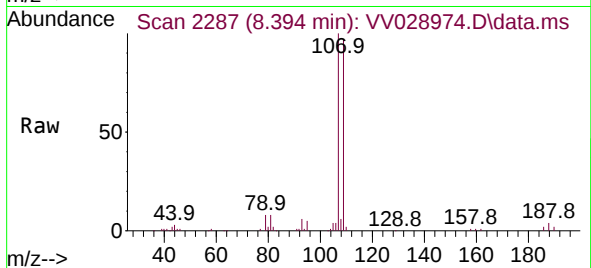
Tgt Ion:107 Resp: 59205

Ion Ratio Lower Upper

107 100

109 96.9 64.4 119.6

188 4.4 2.9 4.3#



#51

Chlorobenzene

Concen: 5.488 ug/L

RT: 8.908 min Scan# 2447

Delta R.T. 0.032 min

Lab File: VV028974.D

Acq: 15 Nov 2022 06:15

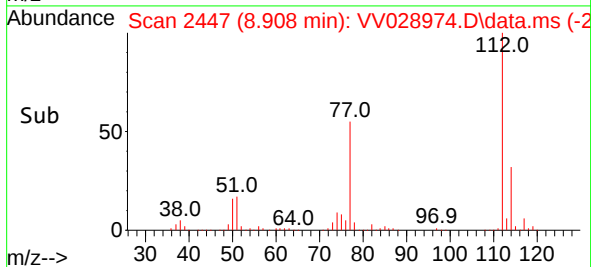
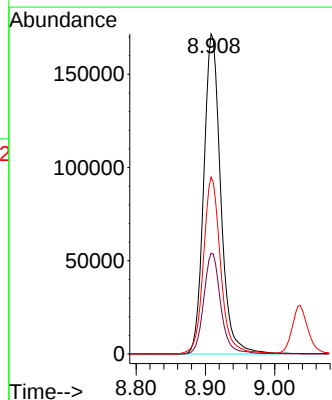
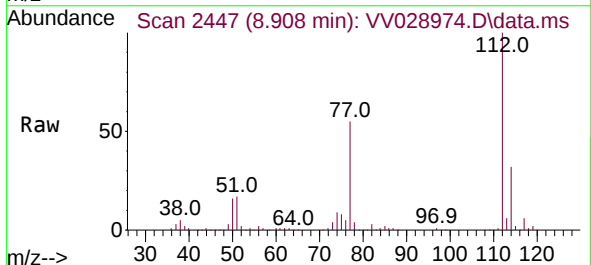
Tgt Ion:112 Resp: 291445

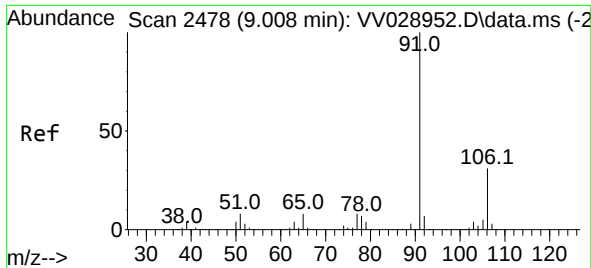
Ion Ratio Lower Upper

112 100

114 31.5 22.4 41.6

77 55.3 44.4 66.6

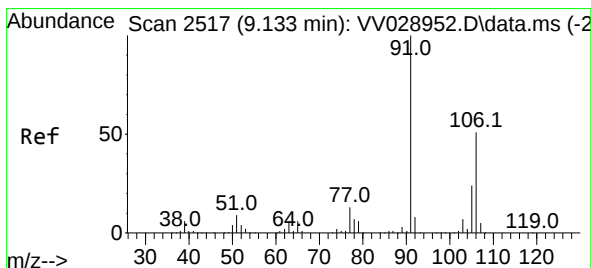
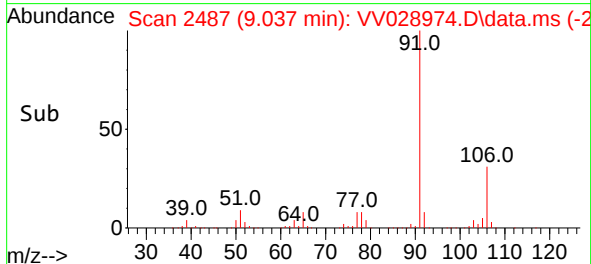
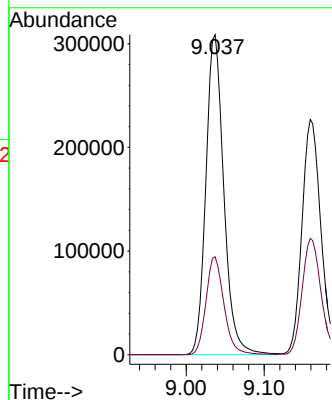
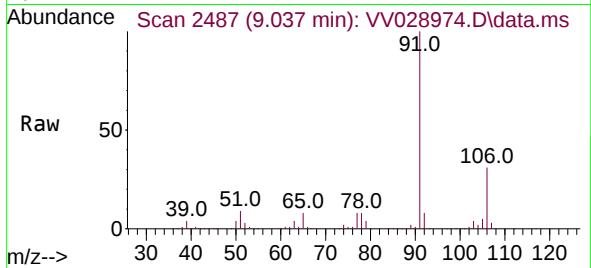




#52
Ethylbenzene
Concen: 5.533 ug/L
RT: 9.037 min Scan# 2478
Delta R.T. 0.029 min
Lab File: VV028974.D
Acq: 15 Nov 2022 06:15

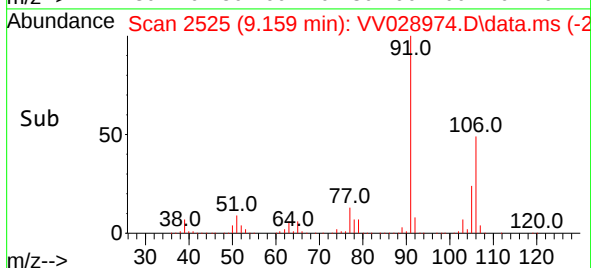
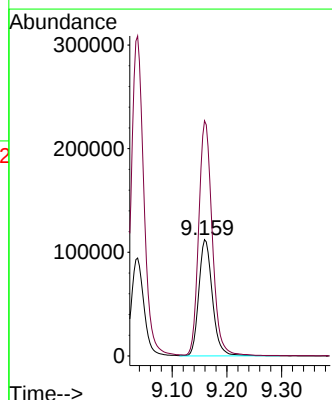
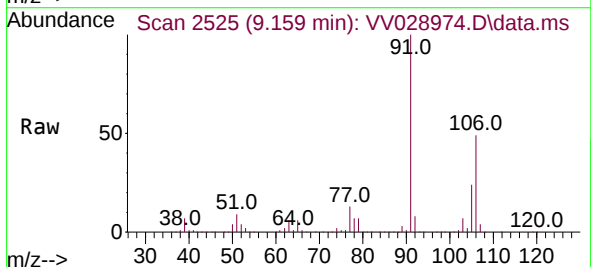
Instrument :
MSVOA_V
ClientSampleId :
H46C8MSD

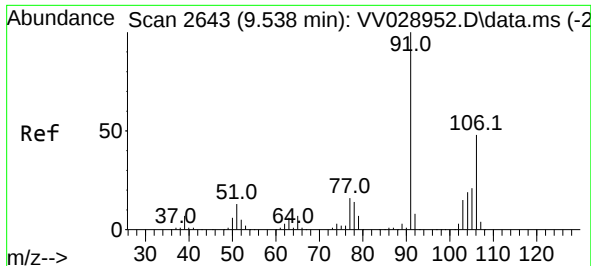
Tgt Ion: 91 Resp: 494789
Ion Ratio Lower Upper
91 100
106 30.6 21.6 40.2



#53
m,p-Xylene
Concen: 5.426 ug/L
RT: 9.159 min Scan# 2525
Delta R.T. 0.026 min
Lab File: VV028974.D
Acq: 15 Nov 2022 06:15

Tgt Ion: 106 Resp: 192990
Ion Ratio Lower Upper
106 100
91 202.1 139.1 258.3

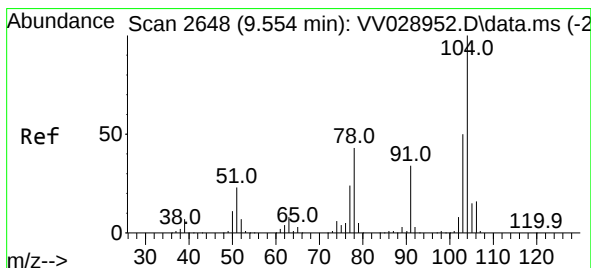
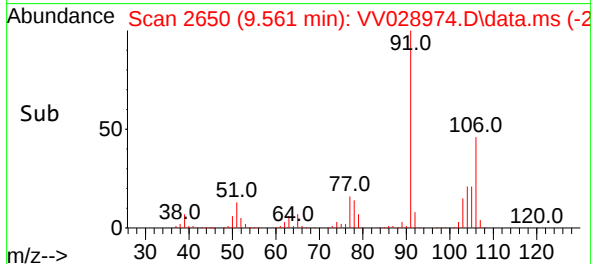
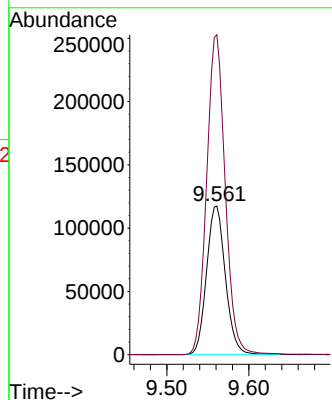
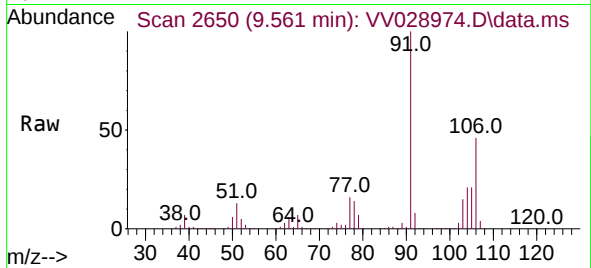




#54
o-Xylene
Concen: 5.547 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.023 min
Lab File: VV028974.D
Acq: 15 Nov 2022 06:15

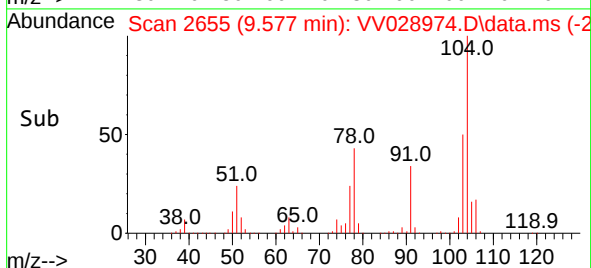
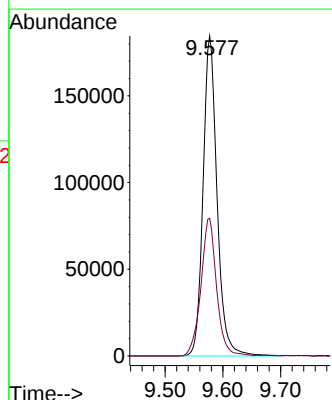
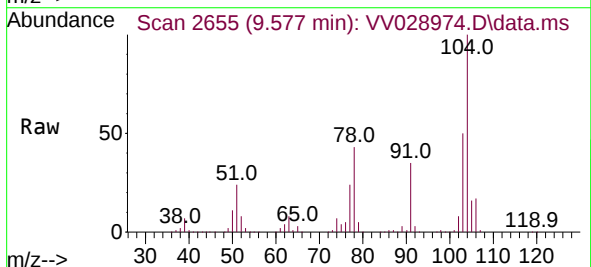
Instrument :
MSVOA_V
ClientSampleId :
H46C8MSD

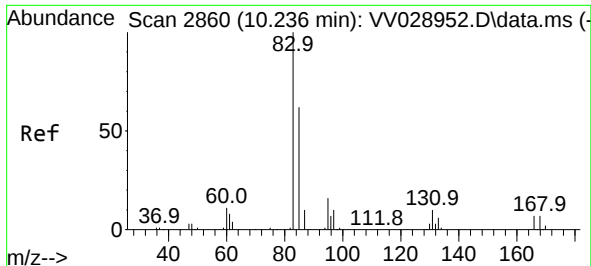
Tgt Ion:106 Resp: 187552
Ion Ratio Lower Upper
106 100
91 215.3 145.7 270.7



#55
Styrene
Concen: 5.474 ug/L
RT: 9.577 min Scan# 2655
Delta R.T. 0.023 min
Lab File: VV028974.D
Acq: 15 Nov 2022 06:15

Tgt Ion:104 Resp: 310397
Ion Ratio Lower Upper
104 100
78 43.0 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.248 ug/L

RT: 10.252 min Scan# 21

Delta R.T. 0.016 min

Lab File: VV028974.D

Acq: 15 Nov 2022 06:15

Instrument :

MSVOA_V

ClientSampleId :

H46C8MSD

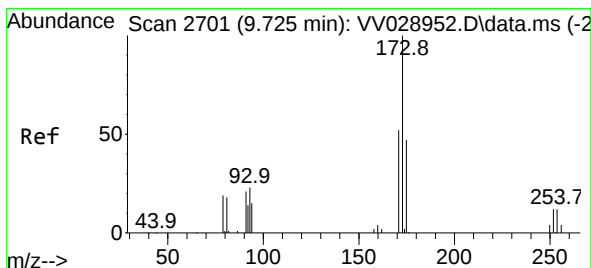
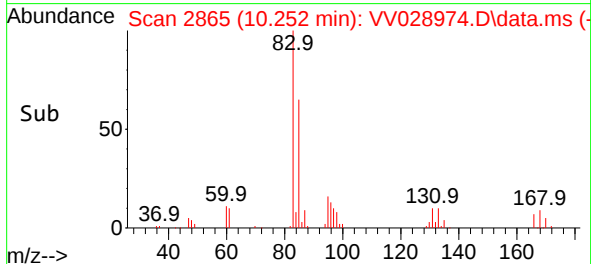
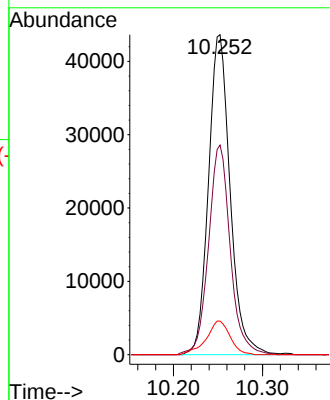
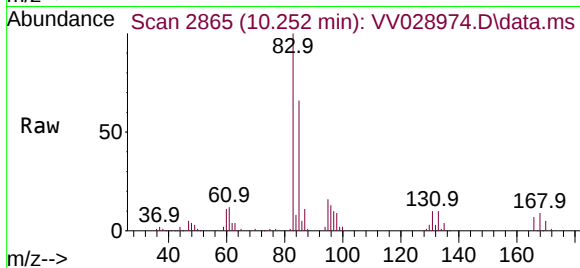
Tgt Ion: 83 Resp: 73413

Ion Ratio Lower Upper

83 100

85 65.5 45.2 84.0

131 10.5 7.5 11.3



#59

Bromoform

Concen: 3.953 ug/L

RT: 9.747 min Scan# 2708

Delta R.T. 0.023 min

Lab File: VV028974.D

Acq: 15 Nov 2022 06:15

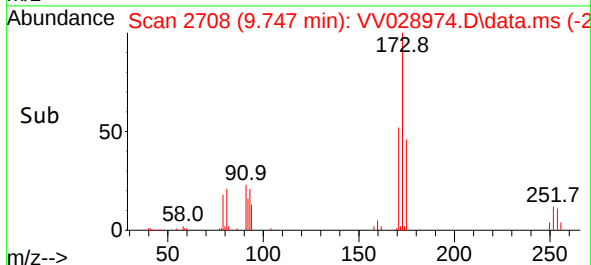
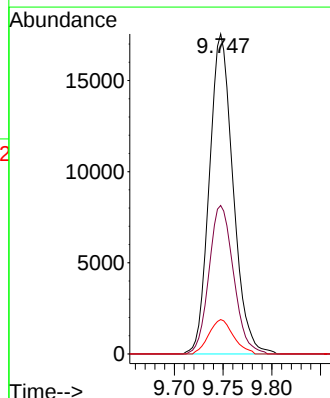
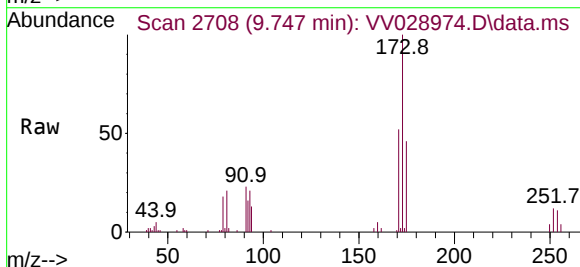
Tgt Ion: 173 Resp: 29728

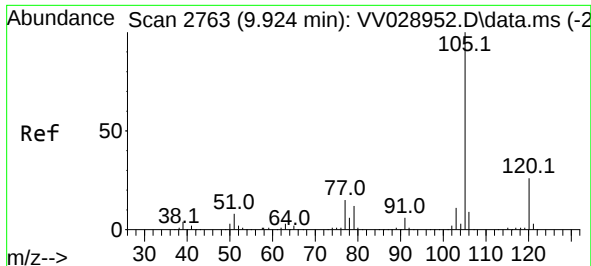
Ion Ratio Lower Upper

173 100

175 48.0 38.2 57.4

254 11.1 8.5 12.7

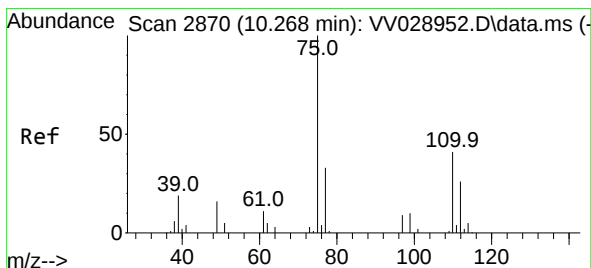
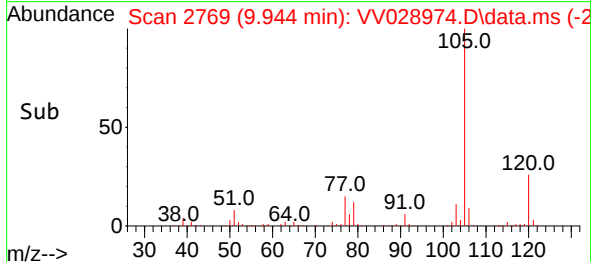
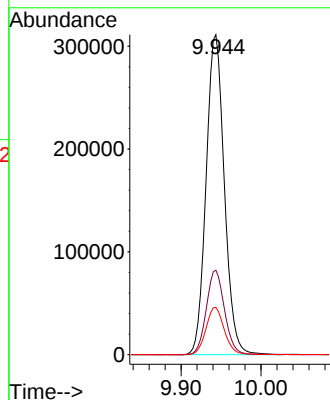
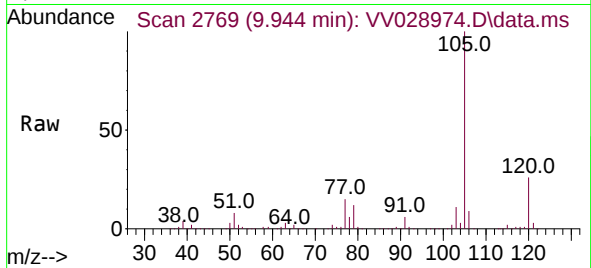




#60
Isopropylbenzene
Concen: 5.521 ug/L
RT: 9.944 min Scan# 21
Delta R.T. 0.019 min
Lab File: VV028974.D
Acq: 15 Nov 2022 06:15

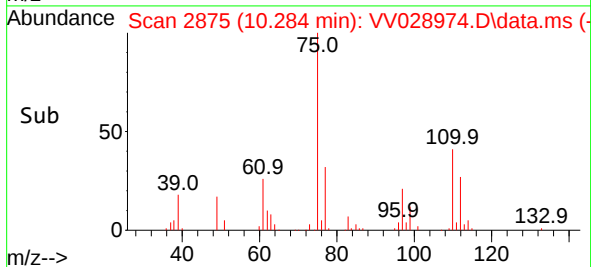
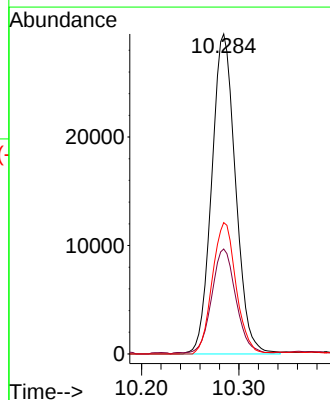
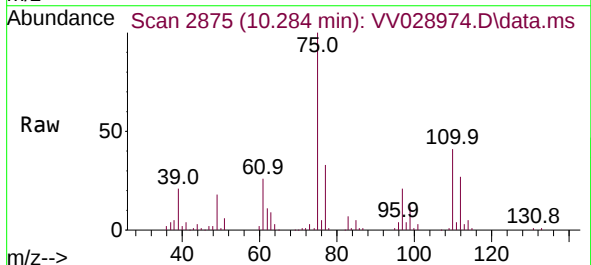
Instrument :
MSVOA_V
ClientSampleId :
H46C8MSD

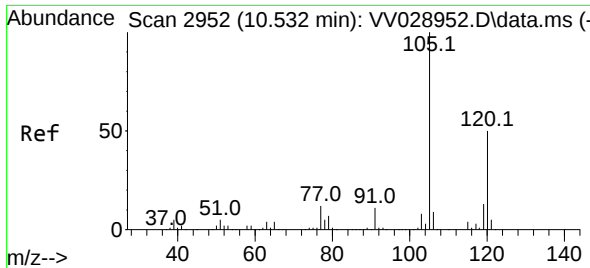
Tgt Ion:105 Resp: 494332
Ion Ratio Lower Upper
105 100
120 26.4 21.3 31.9
77 15.0 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.316 ug/L
RT: 10.284 min Scan# 2875
Delta R.T. 0.016 min
Lab File: VV028974.D
Acq: 15 Nov 2022 06:15

Tgt Ion: 75 Resp: 50111
Ion Ratio Lower Upper
75 100
77 33.8 26.2 39.2
110 40.8 32.6 48.8

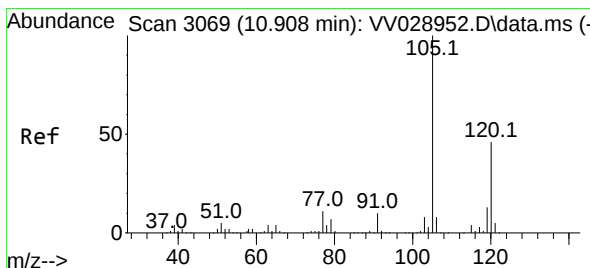
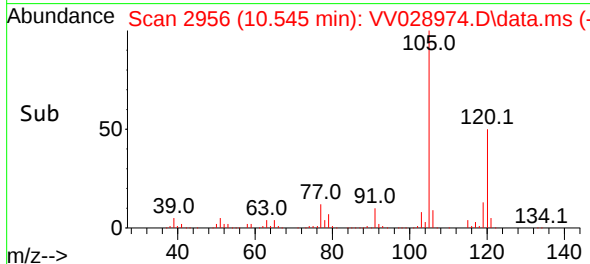
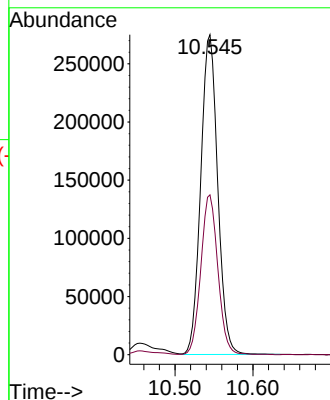
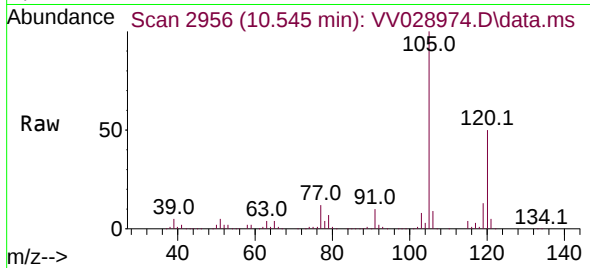




#62
 1,3,5-Trimethylbenzene
 Concen: 5.473 ug/L
 RT: 10.545 min Scan# 2956
 Delta R.T. 0.013 min
 Lab File: VV028974.D
 Acq: 15 Nov 2022 06:15

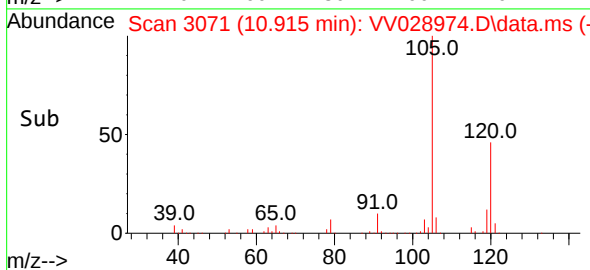
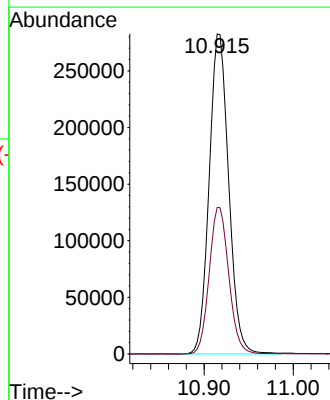
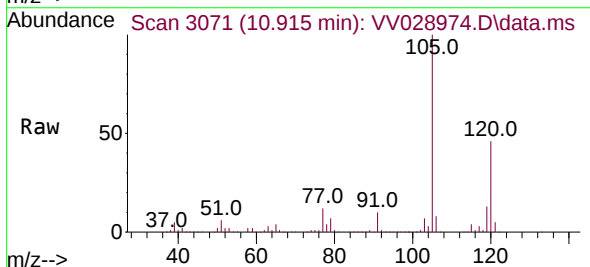
Instrument :
 MSVOA_V
 ClientSampleId :
 H46C8MSD

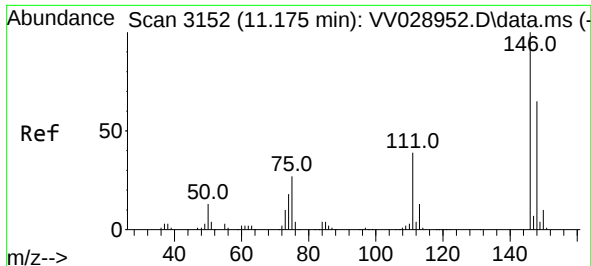
Tgt Ion:105 Resp: 415095
 Ion Ratio Lower Upper
 105 100
 120 49.9 39.9 59.9



#63
 1,2,4-Trimethylbenzene
 Concen: 5.643 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.007 min
 Lab File: VV028974.D
 Acq: 15 Nov 2022 06:15

Tgt Ion:105 Resp: 428747
 Ion Ratio Lower Upper
 105 100
 120 45.9 37.8 56.8

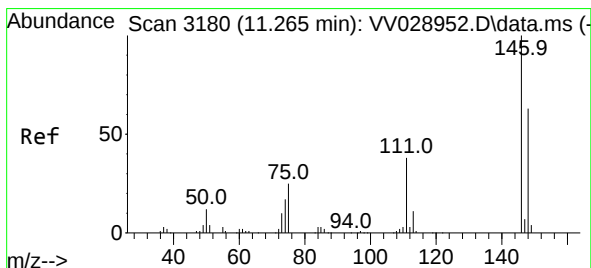
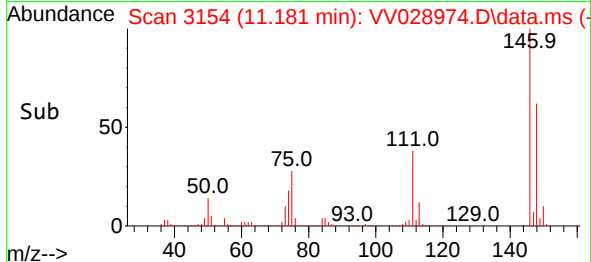
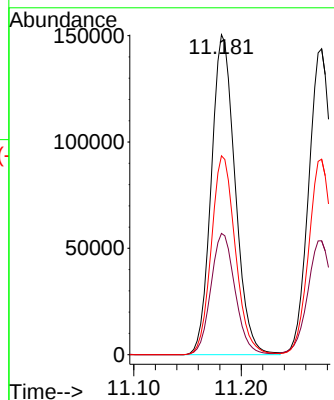
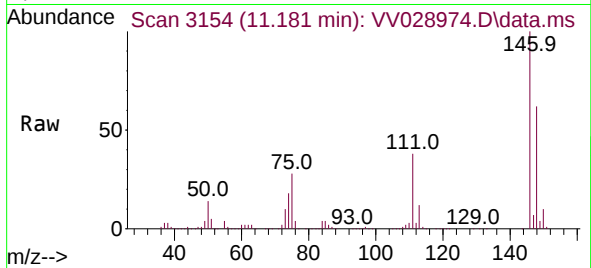




#64
1,3-Dichlorobenzene
Concen: 5.518 ug/L
RT: 11.181 min Scan# 3152
Delta R.T. 0.007 min
Lab File: VV028974.D
Acq: 15 Nov 2022 06:15

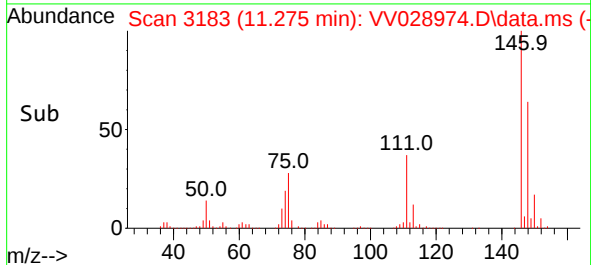
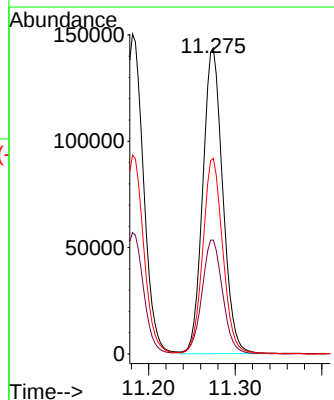
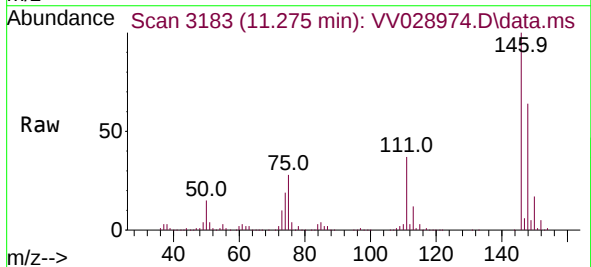
Instrument :
MSVOA_V
ClientSampleId :
H46C8MSD

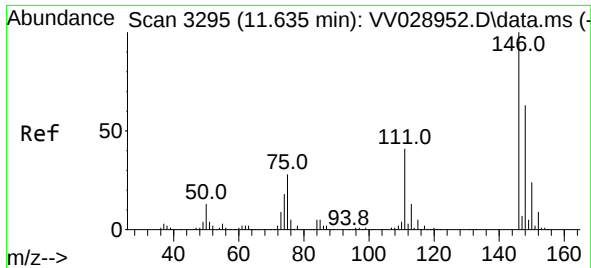
Tgt Ion:146 Resp: 232109
Ion Ratio Lower Upper
146 100
111 37.9 26.9 50.1
148 62.2 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 5.434 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.010 min
Lab File: VV028974.D
Acq: 15 Nov 2022 06:15

Tgt Ion:146 Resp: 229809
Ion Ratio Lower Upper
146 100
111 37.2 26.5 49.3
148 63.9 44.5 82.7

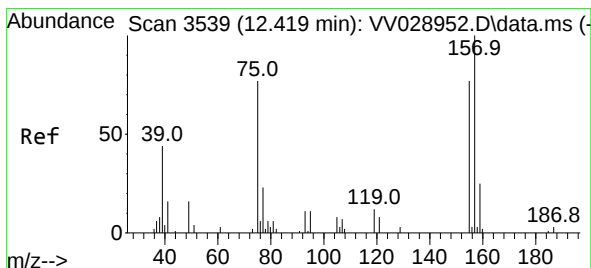
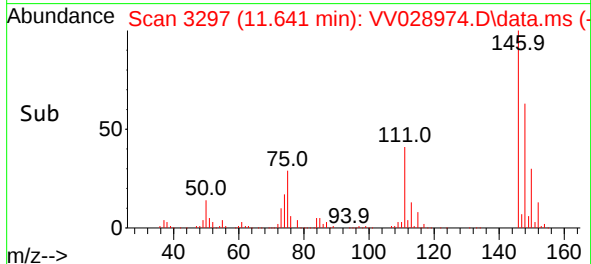
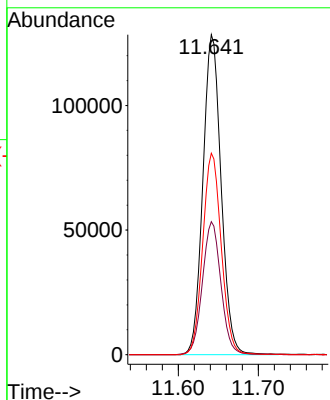
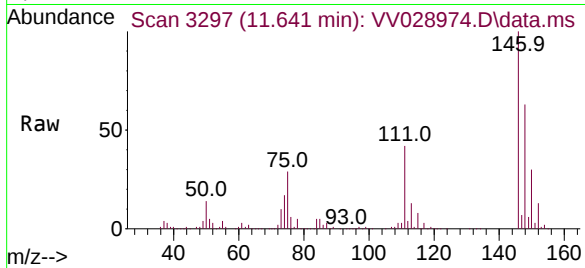




#67
 1,2-Dichlorobenzene
 Concen: 5.396 ug/L
 RT: 11.641 min Scan# 31
 Delta R.T. 0.007 min
 Lab File: VV028974.D
 Acq: 15 Nov 2022 06:15

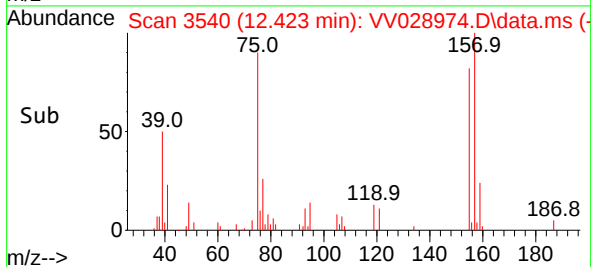
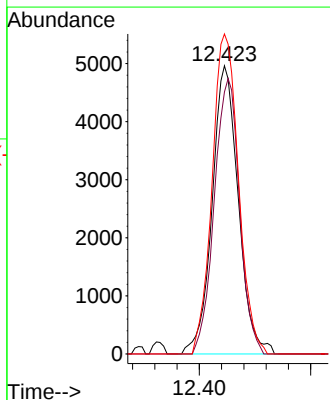
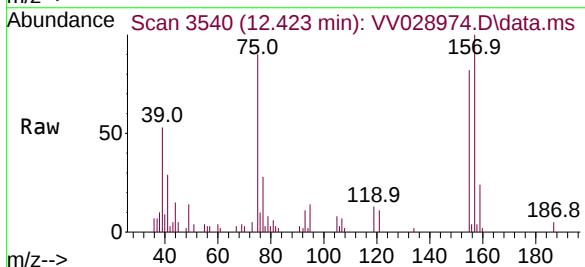
Instrument :
 MSVOA_V
 ClientSampleId :
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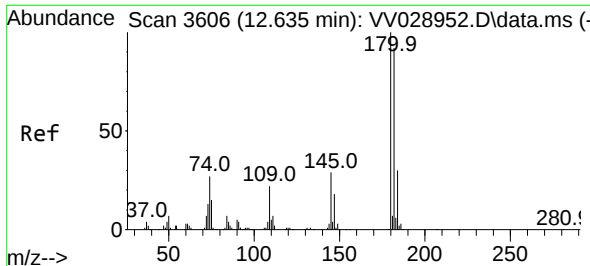
Tgt Ion:146 Resp: 203943
 Ion Ratio Lower Upper
 146 100
 111 41.5 32.4 48.6
 148 62.9 49.4 74.2



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.369 ug/L
 RT: 12.423 min Scan# 3540
 Delta R.T. 0.003 min
 Lab File: VV028974.D
 Acq: 15 Nov 2022 06:15

Tgt Ion: 75 Resp: 8103
 Ion Ratio Lower Upper
 75 100
 155 90.9 64.8 97.2
 157 111.0 86.3 129.5

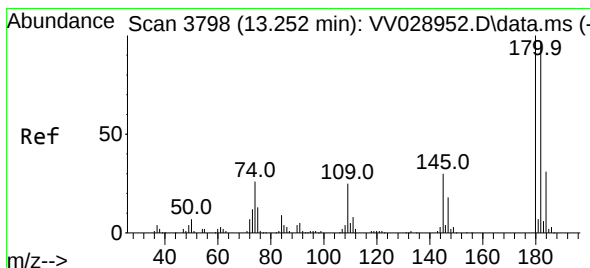
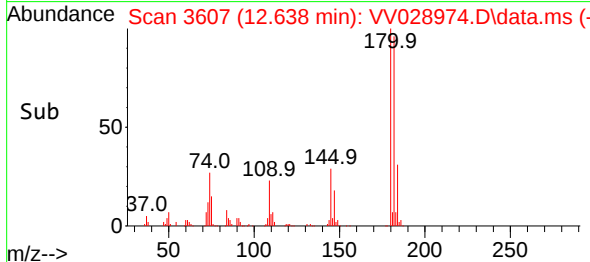
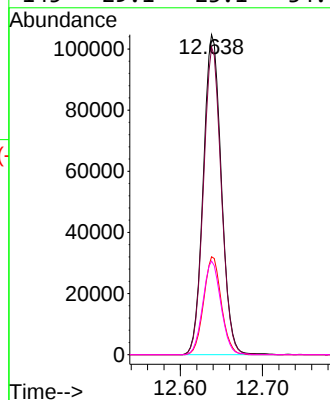
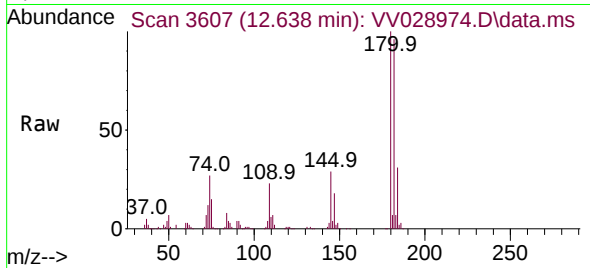




#69
1,3,5-Trichlorobenzene
Concen: 4.920 ug/L
RT: 12.638 min Scan# 3606
Delta R.T. 0.003 min
Lab File: VV028974.D
Acq: 15 Nov 2022 06:15

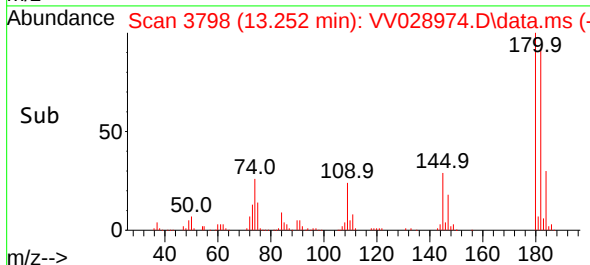
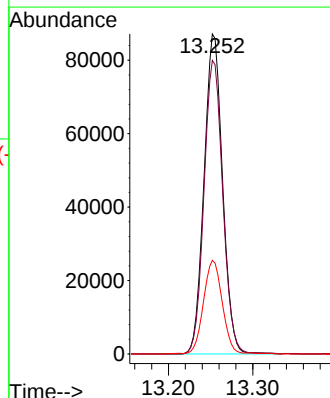
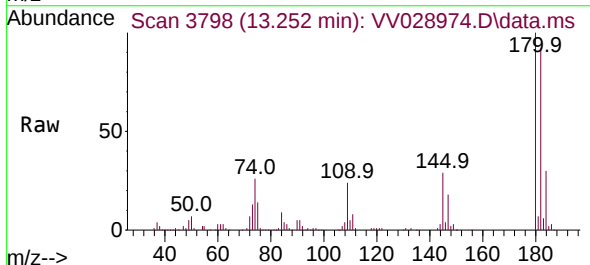
Instrument :
MSVOA_V
ClientSampleId :
H46C8MSD

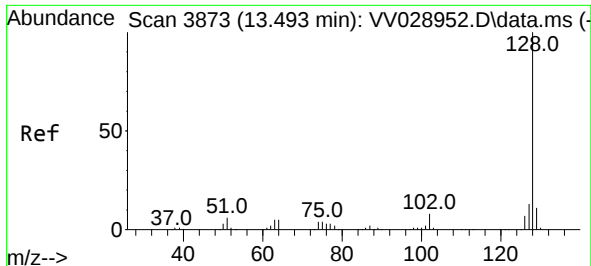
Tgt Ion:180	Resp: 159683
Ion Ratio	Lower Upper
180	100
182	95.2 76.7 115.1
184	29.9 24.0 36.0
145	29.1 23.1 34.7



#70
1,2,4-trichlorobenzene
Concen: 5.437 ug/L
RT: 13.252 min Scan# 3798
Delta R.T. 0.000 min
Lab File: VV028974.D
Acq: 15 Nov 2022 06:15

Tgt Ion:180	Resp: 133463
Ion Ratio	Lower Upper
180	100
182	93.1 74.3 111.5
145	29.9 23.7 35.5

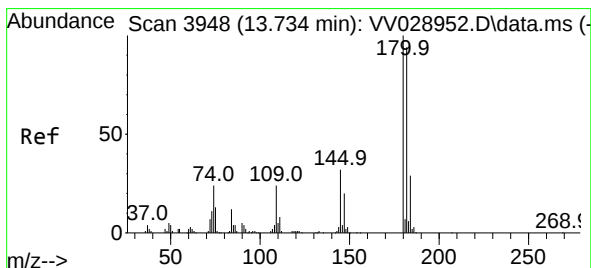
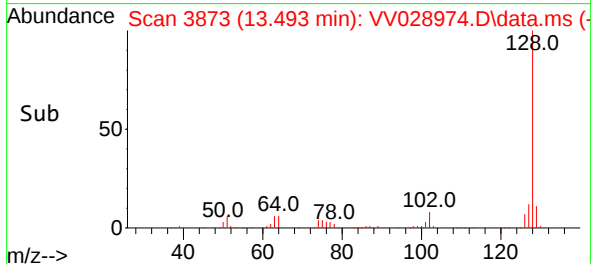
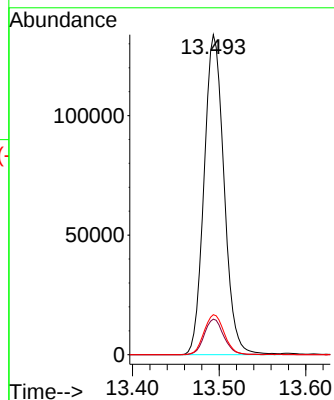
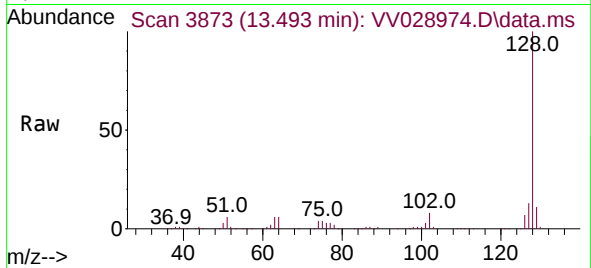




#71
Naphthalene
Concen: 6.768 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.000 min
Lab File: VV028974.D
Acq: 15 Nov 2022 06:15

Instrument :
MSVOA_V
ClientSampleId :
H46C8MSD

Tgt Ion:128 Resp: 214371
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.7 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 5.649 ug/L
RT: 13.734 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VV028974.D
Acq: 15 Nov 2022 06:15

Tgt Ion:180 Resp: 117444
Ion Ratio Lower Upper
180 100
182 94.7 75.4 113.2
145 31.2 24.9 37.3

