

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028973.D
 Acq On : 15 Nov 2022 05:50
 Operator : SY/MD
 Sample : N5604-08MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46C8MS

Quant Time: Nov 15 07:29:52 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	5.612	114	252767	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	249291	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	133893	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	53858	3.495	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.000%
7) Chloroethane-d5	1.574	69	53946	3.982	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.114	63	106420	3.790	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	3.995	46	83181	32.246	ug/L	0.10
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.500%
24) Chloroform-d	4.349	84	136221	4.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.037	65	60123	4.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	5.040	84	251493	3.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.600%#
36) 1,2-Dichloropropane-d6	6.066	67	69081	3.325	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	66.400%
41) Toluene-d8	7.307	98	280068	4.181	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	7.619	79	15477	2.284	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	45.600%#
46) 2-Hexanone-d5	8.111	63	120169	41.543	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.080%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	68945	4.786	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	11.615	152	108716	4.538	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	119068	5.651	ug/L	97
3) Chloromethane	1.233	50	81608	4.667	ug/L	100
5) Vinyl chloride	1.307	62	156061	7.824	ug/L	97
6) Bromomethane	1.529	94	58240	4.885	ug/L	99
8) Chloroethane	1.590	64	58333	4.977	ug/L	98
9) Trichlorofluoromethane	1.760	101	147220	5.474	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	72589	4.767	ug/L	94
12) 1,1-Dichloroethene	2.124	96	75976	4.965	ug/L	88
13) Acetone	2.288	43	50741	30.579	ug/L	70
14) Carbon disulfide	2.294	76	225051	4.142	ug/L	100
15) Methyl Acetate	2.474	43	34207	8.494	ug/L	94
16) Methylene chloride	2.510	84	74987	3.790	ug/L	89
17) Methyl tert-butyl Ether	2.786	73	499743	15.233	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	100739	5.676	ug/L	90
19) 1,1-Dichloroethane	3.185	63	141672	4.883	ug/L	97
21) 2-Butanone	4.072	43	82153	31.978	ug/L	80
22) cis-1,2-Dichloroethene	3.908	96	404235	22.405	ug/L	91
23) Bromochloromethane	4.246	128	37948	4.973	ug/L #	84
25) Chloroform	4.374	83	146194	4.807	ug/L	96

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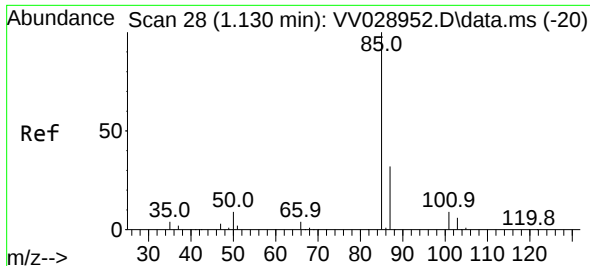
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	74959	4.785	ug/L	97
29) 1,1,1-Trichloroethane	4.600	97	140190	4.792	ug/L	97
30) Cyclohexane	4.657	56	111954	3.766	ug/L	92
31) Carbon tetrachloride	4.815	117	117626	4.669	ug/L	100
33) Benzene	5.088	78	336878	4.422	ug/L	100
34) Trichloroethene	5.902	95	92883	4.763	ug/L	94
35) Methylcyclohexane	6.111	83	140809	4.108	ug/L #	87
37) 1,2-Dichloropropane	6.169	63	51088	2.908	ug/L #	90
38) Bromodichloromethane	6.500	83	77997	3.506	ug/L #	98
39) cis-1,3-Dichloropropene	7.021	75	66819	2.725	ug/L	95
40) 4-Methyl-2-pentanone	7.255	43	373316	49.393	ug/L	98
42) Toluene	7.378	91	434131	5.275	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	50030	2.628	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	62988	5.477	ug/L	97
47) Tetrachloroethene	7.963	164	83741	5.362	ug/L	98
48) 2-Hexanone	8.162	43	290019	54.779	ug/L	98
49) Dibromochloromethane	8.242	129	53825	3.871	ug/L	96
50) 1,2-Dibromoethane	8.352	107	57000	5.335	ug/L #	97
51) Chlorobenzene	8.876	112	276489	5.434	ug/L	99
52) Ethylbenzene	9.005	91	468294	5.466	ug/L	99
53) m,p-Xylene	9.130	106	184713	5.421	ug/L	100
54) o-Xylene	9.535	106	178808	5.520	ug/L	95
55) Styrene	9.554	104	299369	5.510	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.236	83	70699	5.275	ug/L	99
59) Bromoform	9.728	173	19304	2.645	ug/L	99
60) Isopropylbenzene	9.924	105	474771	5.463	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	47889	5.234	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	396598	5.387	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	405580	5.499	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	219571	5.377	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	219852	5.356	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	198501	5.410	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	6708	3.726	ug/L	87
69) 1,3,5-Trichlorobenzene	12.635	180	154370	4.900	ug/L	100
70) 1,2,4-trichlorobenzene	13.252	180	125799	5.279	ug/L	97
71) Naphthalene	13.493	128	197268	6.416	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	112940	5.596	ug/L	100

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

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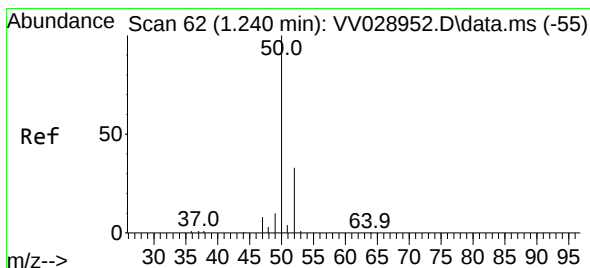
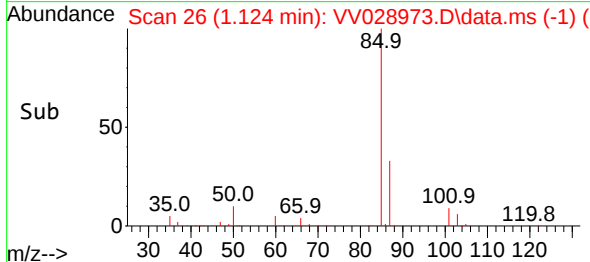
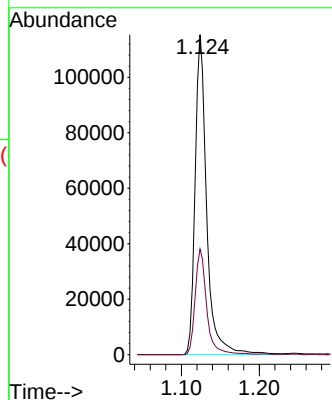
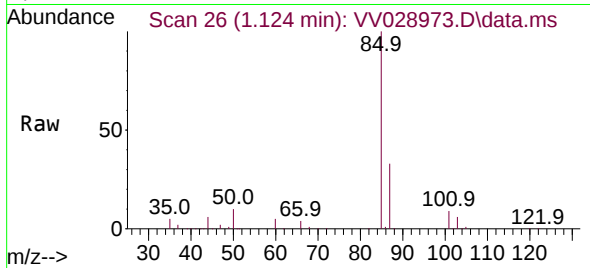




#2
 Dichlorodifluoromethane
 Concen: 5.651 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VV028973.D
 Acq: 15 Nov 2022 05:50

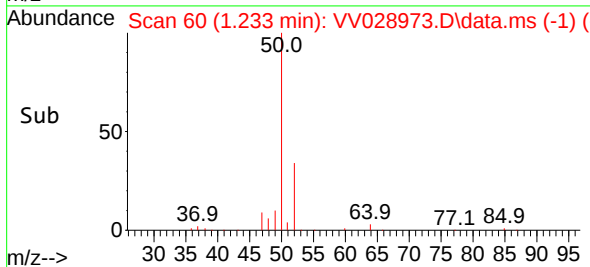
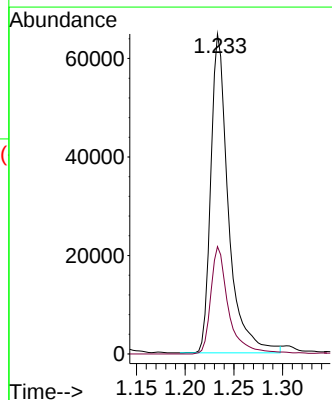
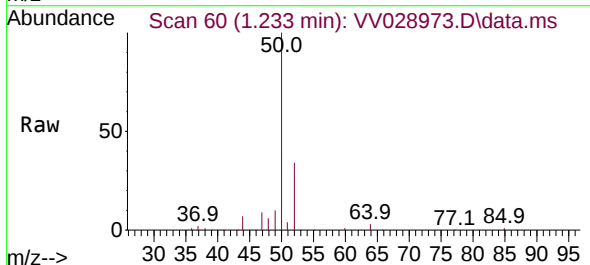
Instrument :
 MSVOA_V
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 H46C8MS

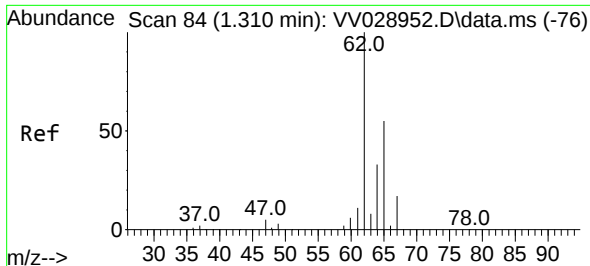
Tgt Ion: 85 Resp: 119068
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.0 37.4



#3
 Chloromethane
 Concen: 4.667 ug/L
 RT: 1.233 min Scan# 60
 Delta R.T. -0.006 min
 Lab File: VV028973.D
 Acq: 15 Nov 2022 05:50

Tgt Ion: 50 Resp: 81608
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.7 43.9

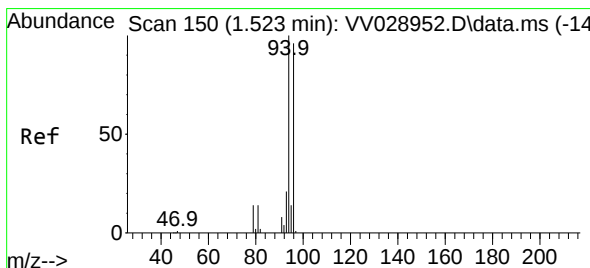
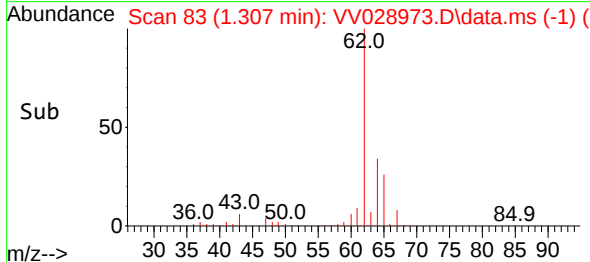
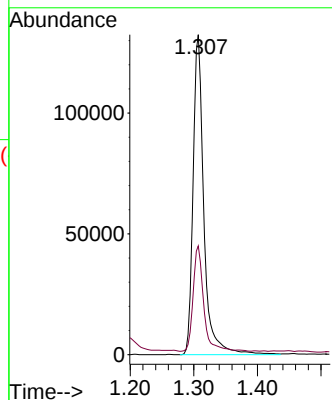
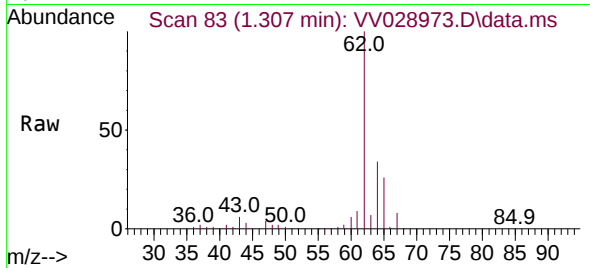




#5
 Vinyl chloride
 Concen: 7.824 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV028973.D
 Acq: 15 Nov 2022 05:50

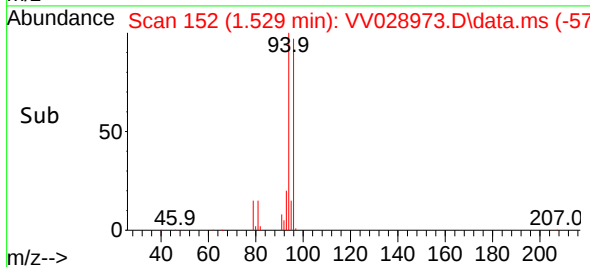
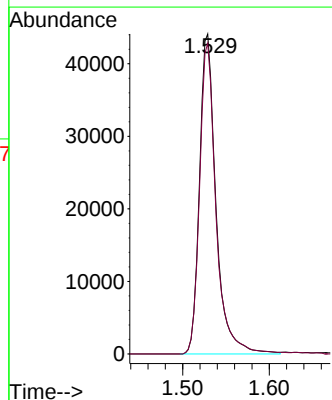
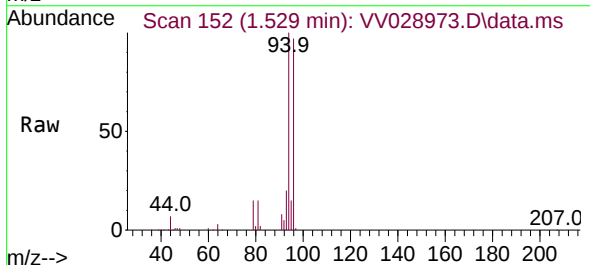
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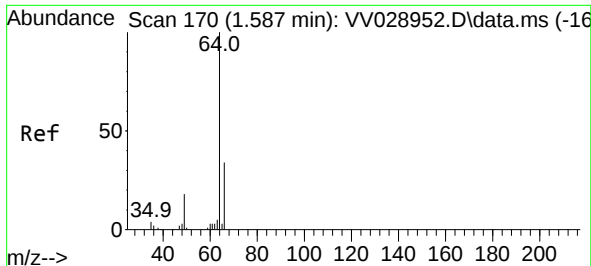
Tgt Ion: 62 Resp: 156061
 Ion Ratio Lower Upper
 62 100
 64 34.0 22.8 42.4



#6
 Bromomethane
 Concen: 4.885 ug/L
 RT: 1.529 min Scan# 152
 Delta R.T. 0.006 min
 Lab File: VV028973.D
 Acq: 15 Nov 2022 05:50

Tgt Ion: 94 Resp: 58240
 Ion Ratio Lower Upper
 94 100
 96 97.1 68.5 127.3

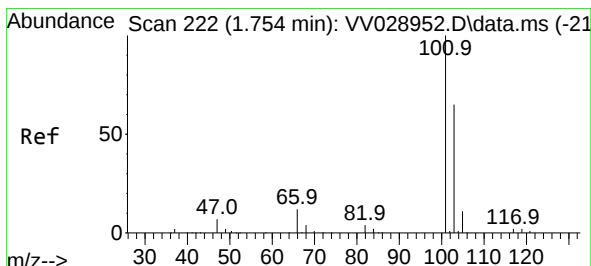
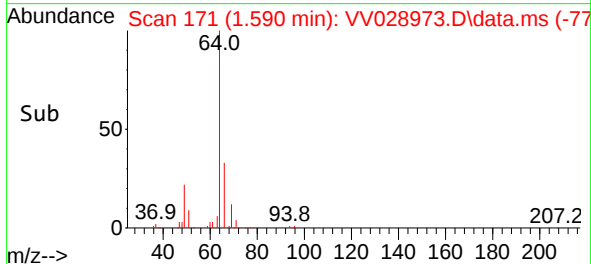
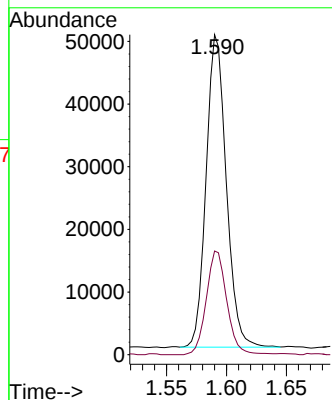
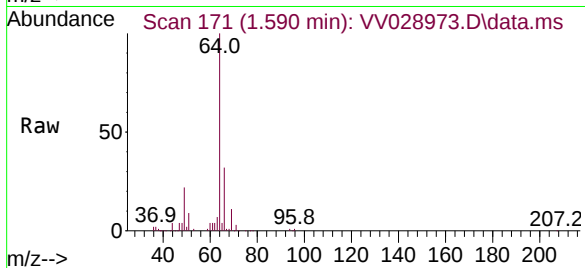




#8
Chloroethane
Concen: 4.977 ug/L
RT: 1.590 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028973.D
Acq: 15 Nov 2022 05:50

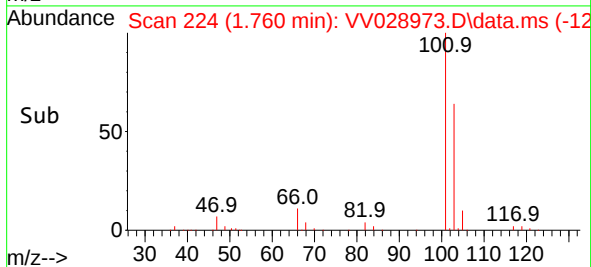
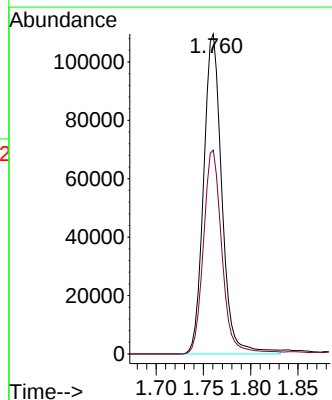
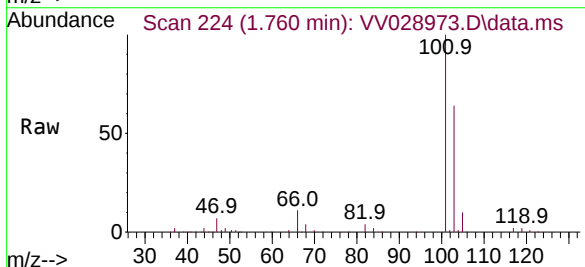
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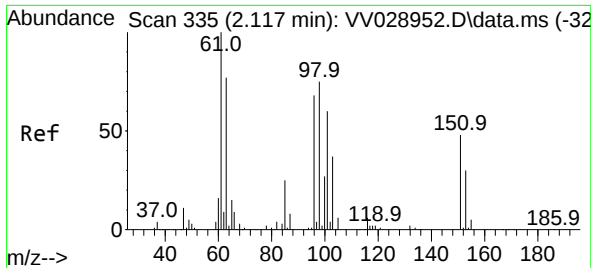
Tgt Ion: 64 Resp: 58333
Ion Ratio Lower Upper
64 100
66 32.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 5.474 ug/L
RT: 1.760 min Scan# 224
Delta R.T. 0.006 min
Lab File: VV028973.D
Acq: 15 Nov 2022 05:50

Tgt Ion:101 Resp: 147220
Ion Ratio Lower Upper
101 100
103 64.5 51.3 76.9

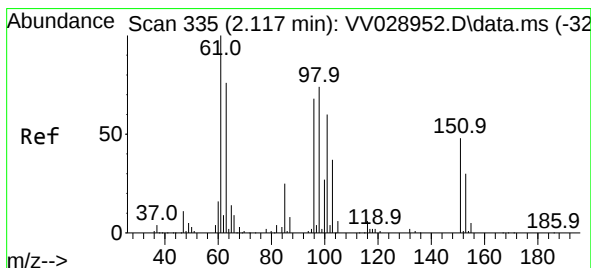
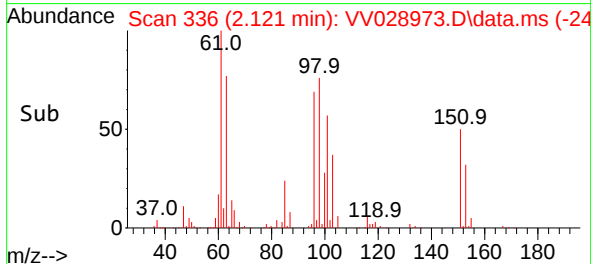
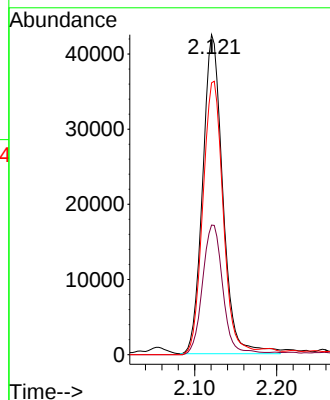
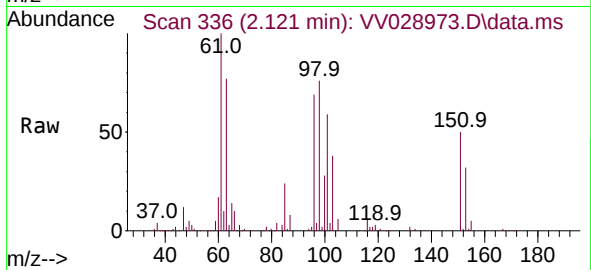




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.767 ug/L
 RT: 2.121 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV028973.D
 Acq: 15 Nov 2022 05:50

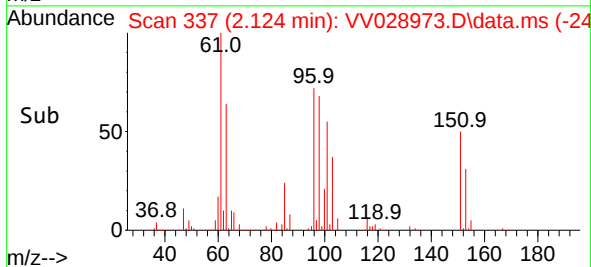
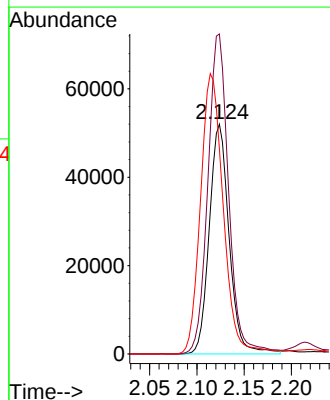
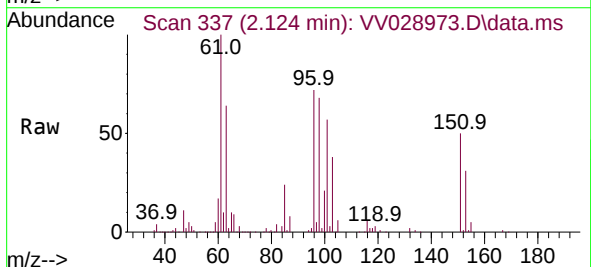
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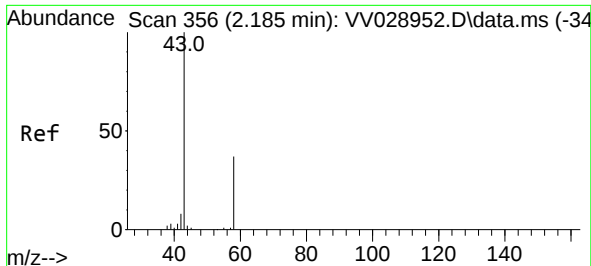
Tgt Ion:101 Resp: 72589
 Ion Ratio Lower Upper
 101 100
 85 41.3 32.9 49.3
 151 86.6 62.5 93.7



#12
 1,1-Dichloroethene
 Concen: 4.965 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. 0.006 min
 Lab File: VV028973.D
 Acq: 15 Nov 2022 05:50

Tgt Ion: 96 Resp: 75976
 Ion Ratio Lower Upper
 96 100
 61 139.3 104.2 193.4
 63 89.2 75.9 140.9

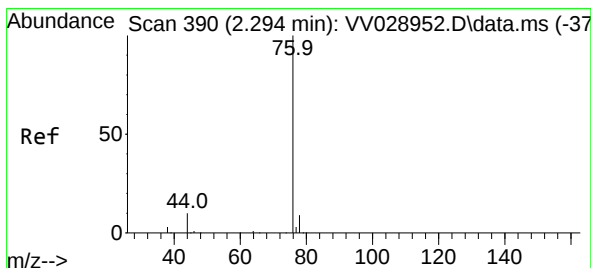
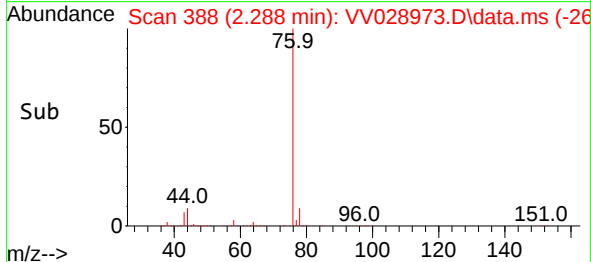
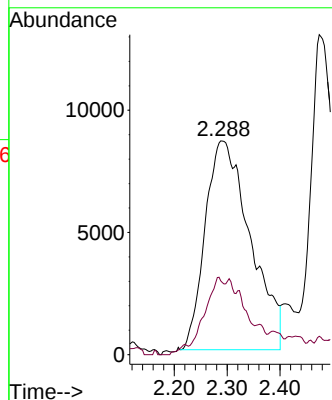
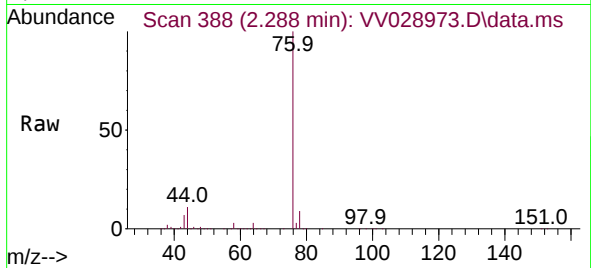




#13
Acetone
Concen: 30.579 ug/L
RT: 2.288 min Scan# 31
Delta R.T. 0.103 min
Lab File: VV028973.D
Acq: 15 Nov 2022 05:50

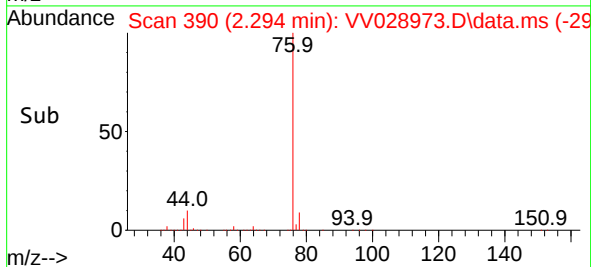
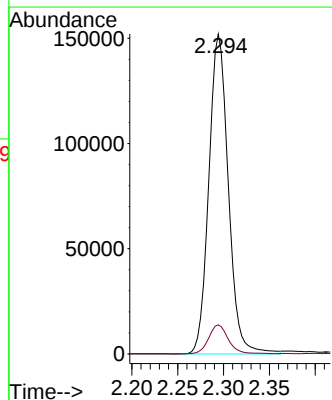
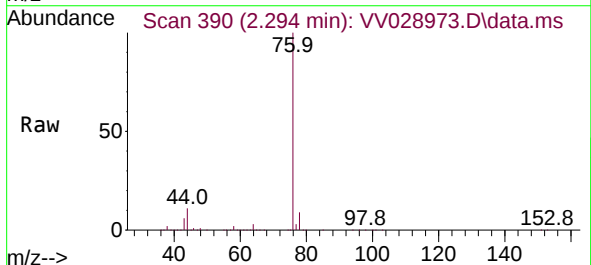
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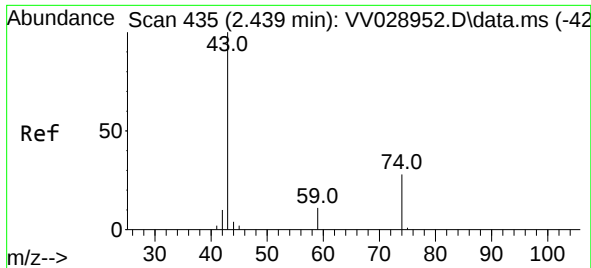
Tgt Ion: 43 Resp: 50741
Ion Ratio Lower Upper
43 100
58 12.6 0.0 56.6



#14
Carbon disulfide
Concen: 4.142 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV028973.D
Acq: 15 Nov 2022 05:50

Tgt Ion: 76 Resp: 225051
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

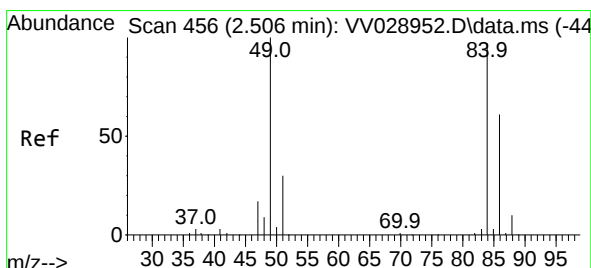
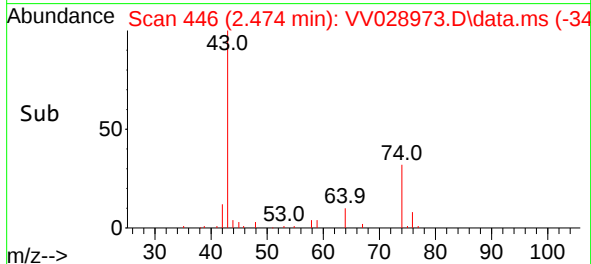
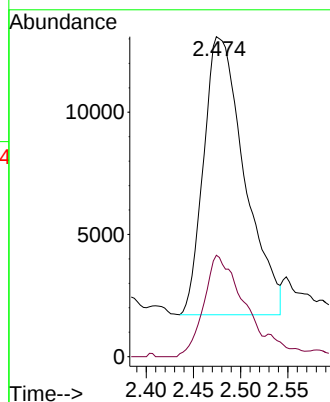
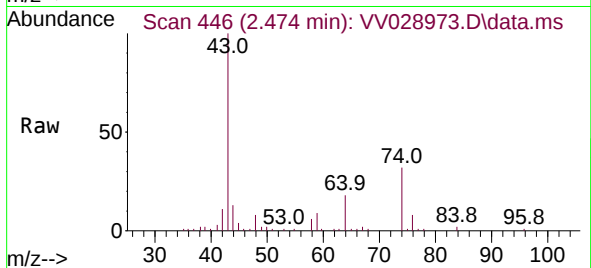




#15
Methyl Acetate
Concen: 8.494 ug/L
RT: 2.474 min Scan# 446
Delta R.T. 0.035 min
Lab File: VV028973.D
Acq: 15 Nov 2022 05:50

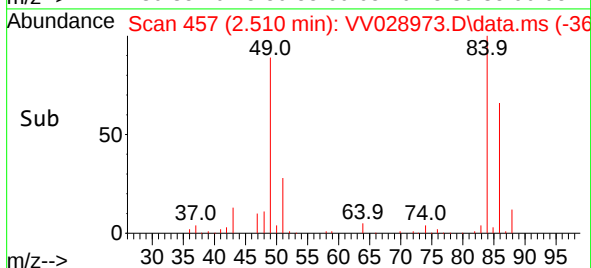
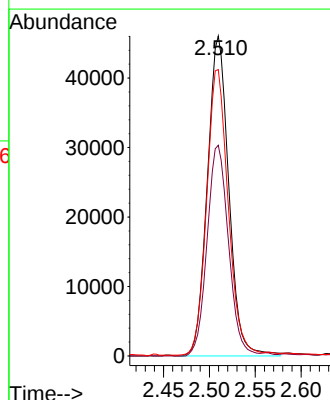
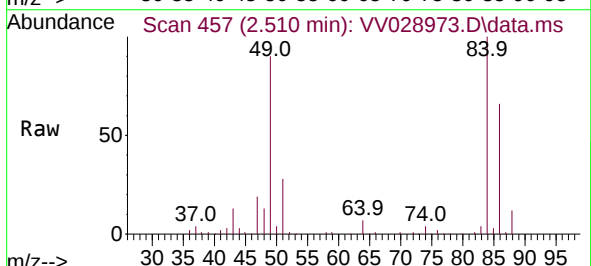
Instrument :
MSVOA_V
ClientSampleId :
H46C8MS

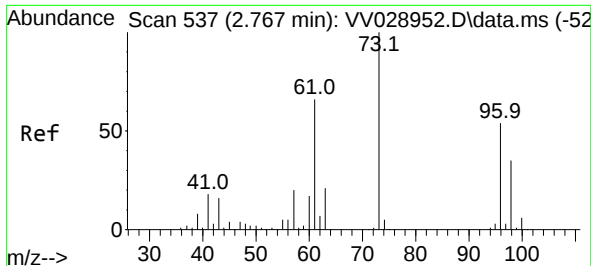
Tgt Ion: 43 Resp: 34207
Ion Ratio Lower Upper
43 100
74 34.2 24.6 37.0



#16
Methylene chloride
Concen: 3.790 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV028973.D
Acq: 15 Nov 2022 05:50

Tgt Ion: 84 Resp: 74987
Ion Ratio Lower Upper
84 100
86 65.9 45.8 85.0
49 89.5 75.5 140.1

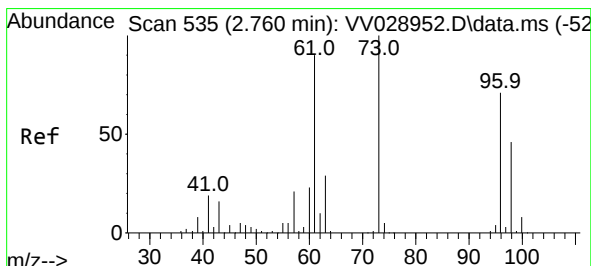
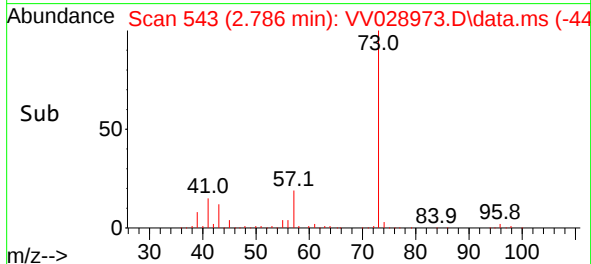
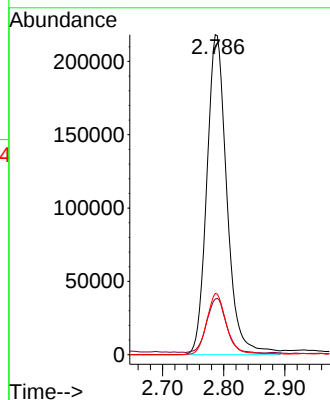
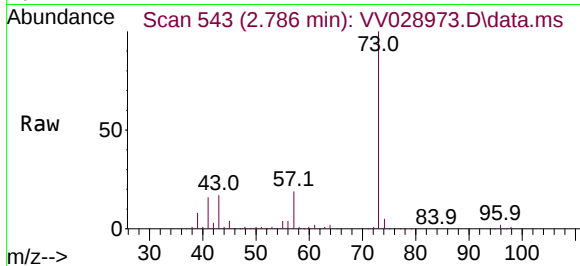




#17
Methyl tert-butyl Ether
Concen: 15.233 ug/L
RT: 2.786 min Scan# 54
Delta R.T. 0.019 min
Lab File: VV028973.D
Acq: 15 Nov 2022 05:50

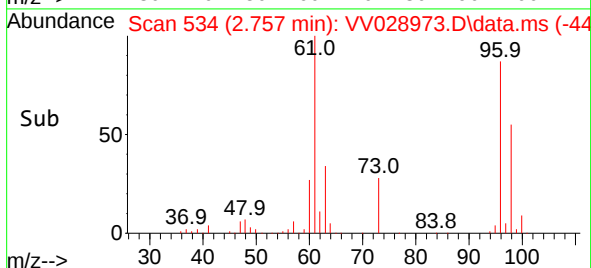
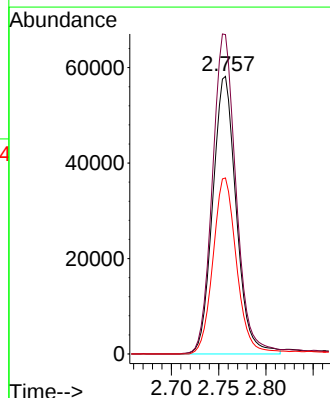
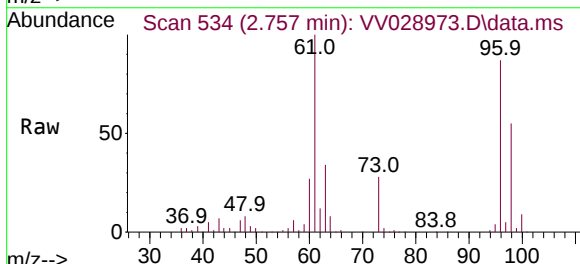
Instrument :
MSVOA_V
ClientSampleId :
H46C8MS

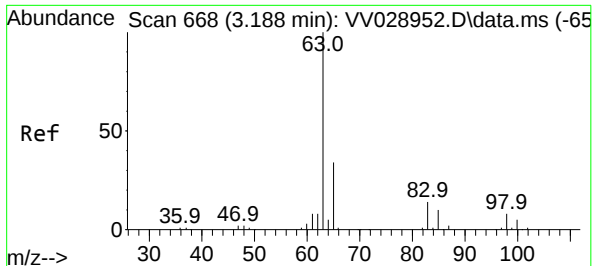
Tgt Ion: 73 Resp: 499743
Ion Ratio Lower Upper
73 100
43 16.7 13.0 19.4
57 18.7 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 5.676 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV028973.D
Acq: 15 Nov 2022 05:50

Tgt Ion: 96 Resp: 100739
Ion Ratio Lower Upper
96 100
61 115.0 91.8 170.6
98 63.4 46.4 86.2





#19

1,1-Dichloroethane

Concen: 4.883 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV028973.D

Acq: 15 Nov 2022 05:50

Instrument :

MSVOA_V

ClientSampleId :

H46C8MS

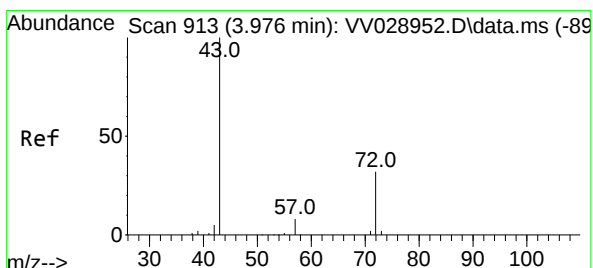
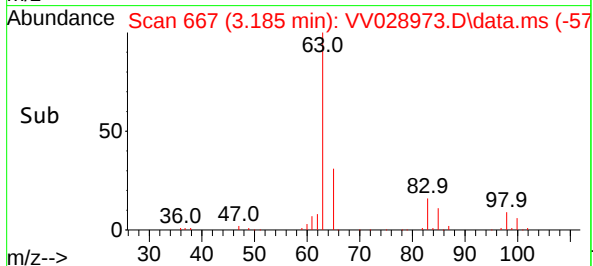
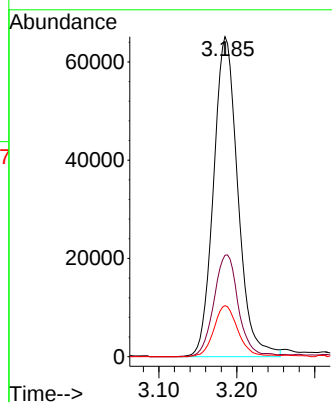
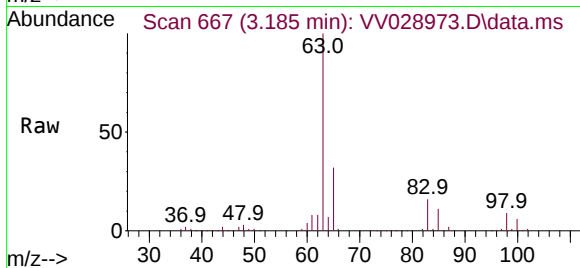
Tgt Ion: 63 Resp: 141672

Ion Ratio Lower Upper

63 100

65 31.7 23.0 42.6

83 16.0 9.4 17.6



#21

2-Butanone

Concen: 31.978 ug/L

RT: 4.072 min Scan# 943

Delta R.T. 0.096 min

Lab File: VV028973.D

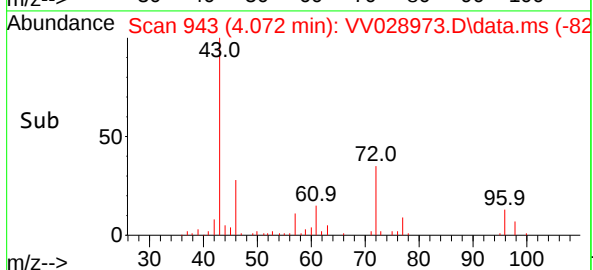
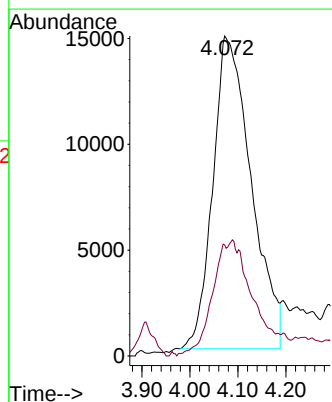
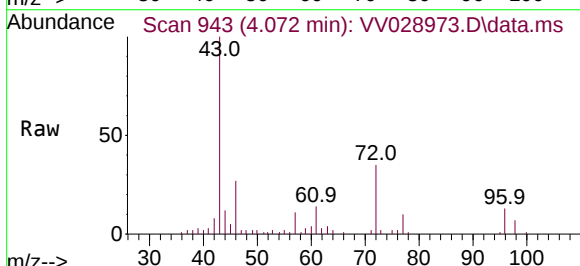
Acq: 15 Nov 2022 05:50

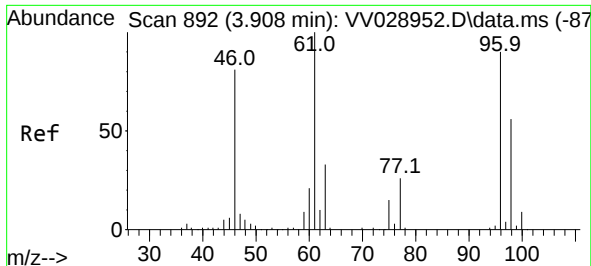
Tgt Ion: 43 Resp: 82153

Ion Ratio Lower Upper

43 100

72 14.2 11.9 35.9

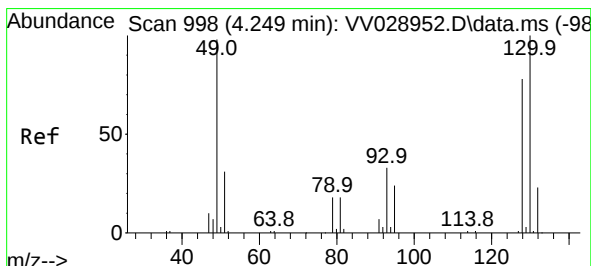
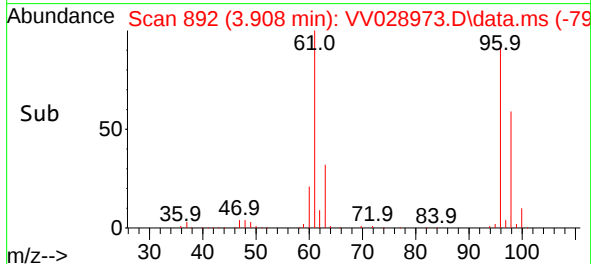
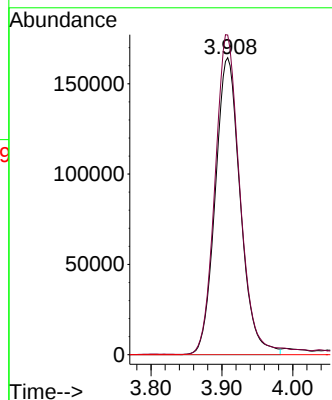
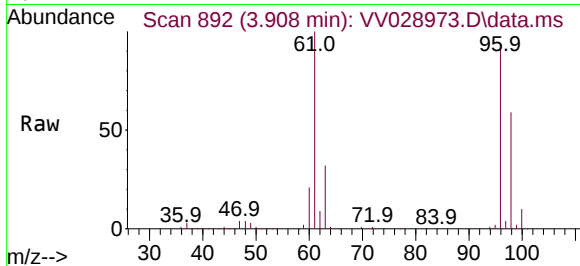




#22
 cis-1,2-Dichloroethene
 Concen: 22.405 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV028973.D
 Acq: 15 Nov 2022 05:50

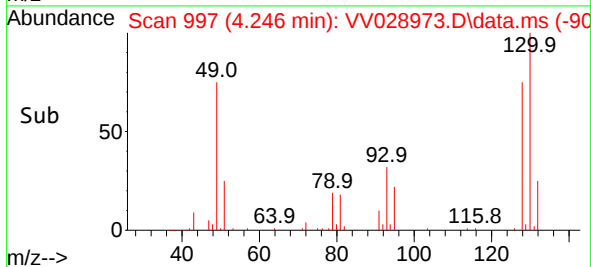
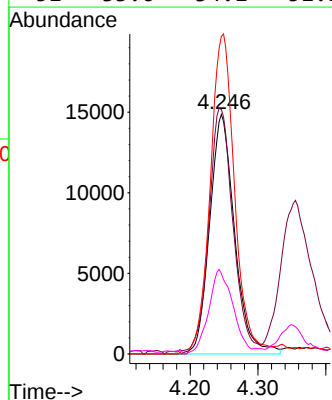
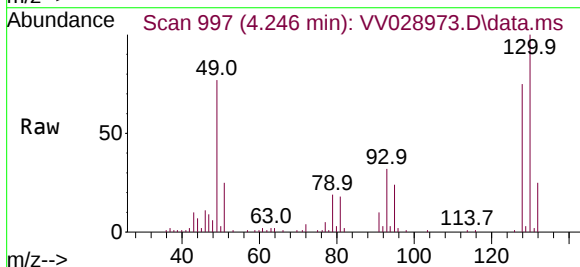
Instrument :
 MSVOA_V
 ClientSampleId :
 H46C8MS

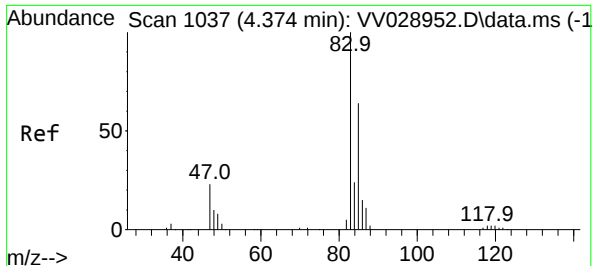
Tgt Ion: 96 Resp: 404235
 Ion Ratio Lower Upper
 96 100
 61 107.7 82.3 152.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.973 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.003 min
 Lab File: VV028973.D
 Acq: 15 Nov 2022 05:50

Tgt Ion: 128 Resp: 37948
 Ion Ratio Lower Upper
 128 100
 49 102.0 89.5 166.1
 130 132.6 84.4 156.8
 51 33.6 34.1 51.1#





#25

Chloroform

Concen: 4.807 ug/L

RT: 4.374 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV028973.D

Acq: 15 Nov 2022 05:50

Instrument :

MSVOA_V

ClientSampleId :

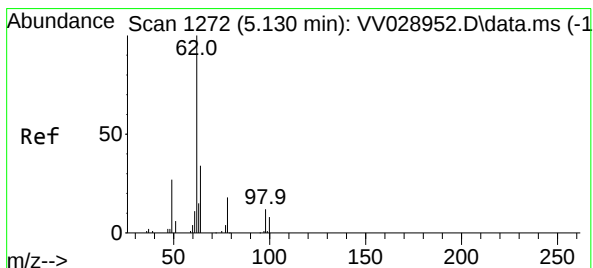
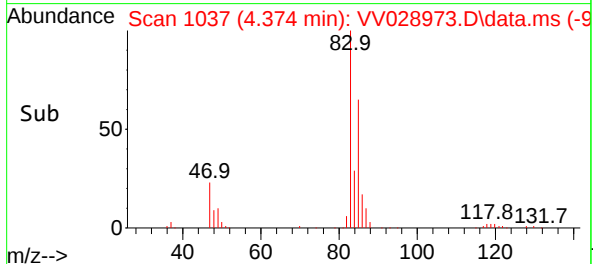
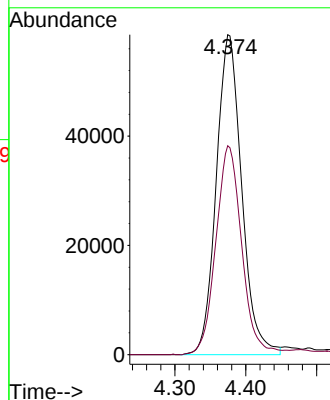
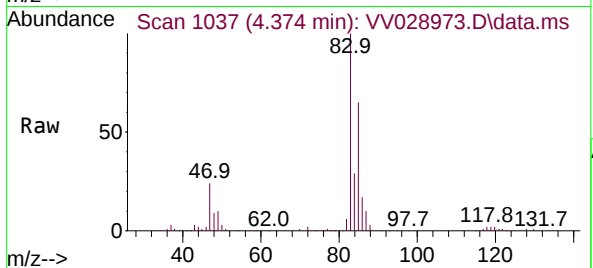
H46C8MS

Tgt Ion: 83 Resp: 146194

Ion Ratio Lower Upper

83 100

85 65.3 43.7 81.1



#27

1,2-Dichloroethane

Concen: 4.785 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV028973.D

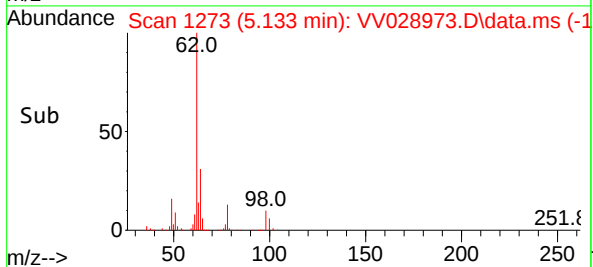
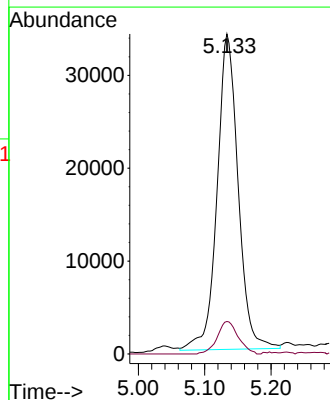
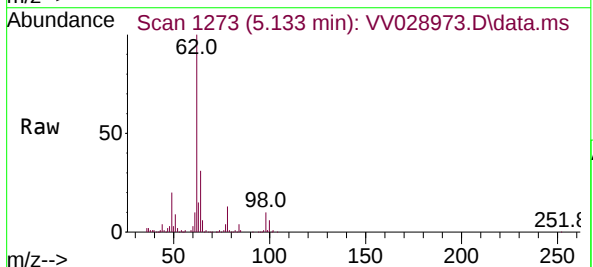
Acq: 15 Nov 2022 05:50

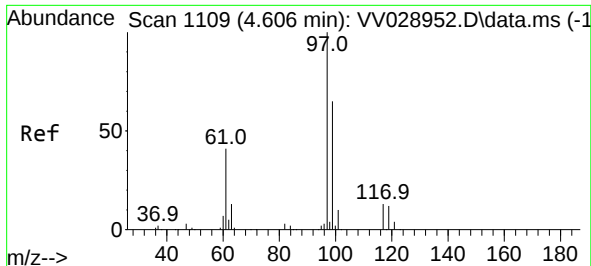
Tgt Ion: 62 Resp: 74959

Ion Ratio Lower Upper

62 100

98 10.2 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 4.792 ug/L

RT: 4.600 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VV028973.D

Acq: 15 Nov 2022 05:50

Instrument :

MSVOA_V

ClientSampleId :

H46C8MS

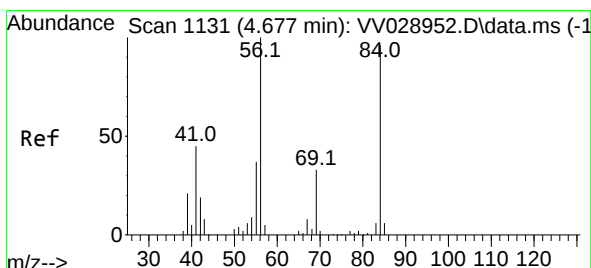
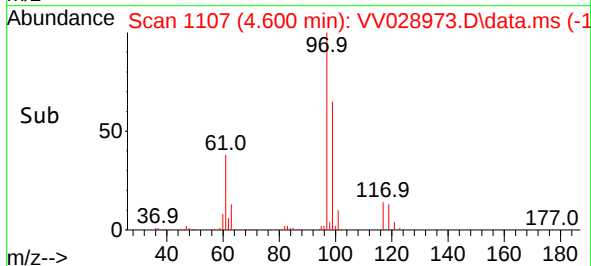
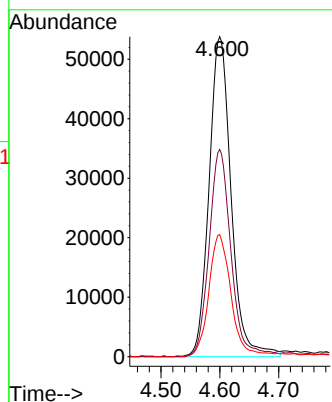
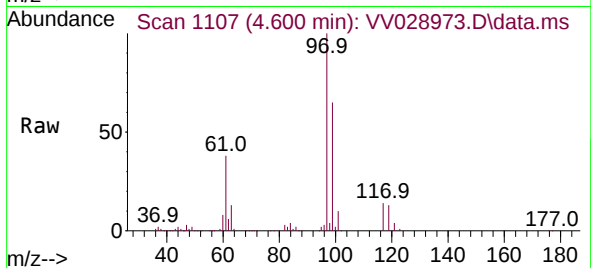
Tgt Ion: 97 Resp: 140190

Ion Ratio Lower Upper

97 100

99 64.1 52.7 79.1

61 39.0 33.8 50.6



#30

Cyclohexane

Concen: 3.766 ug/L

RT: 4.657 min Scan# 1125

Delta R.T. -0.019 min

Lab File: VV028973.D

Acq: 15 Nov 2022 05:50

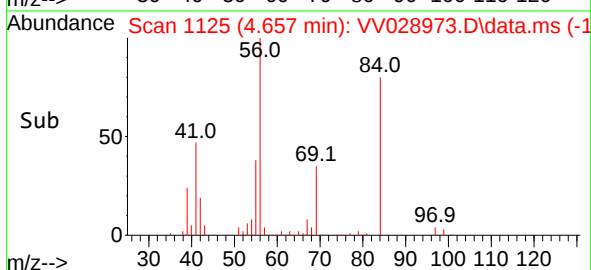
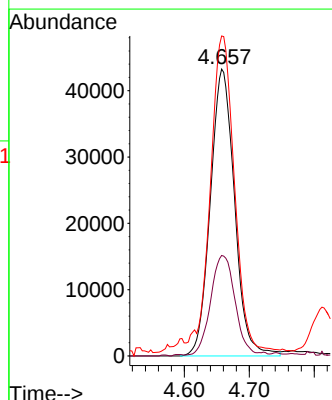
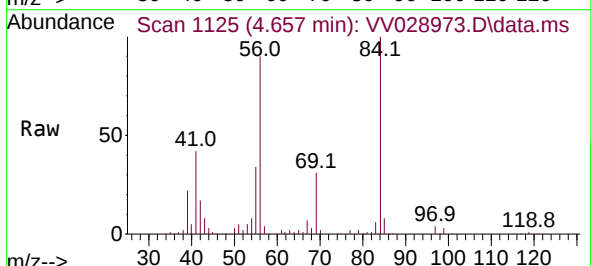
Tgt Ion: 56 Resp: 111954

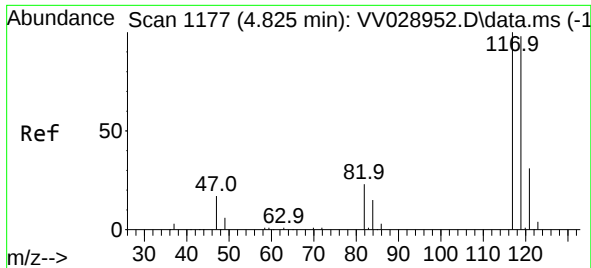
Ion Ratio Lower Upper

56 100

69 34.7 26.1 39.1

84 106.6 77.9 116.9

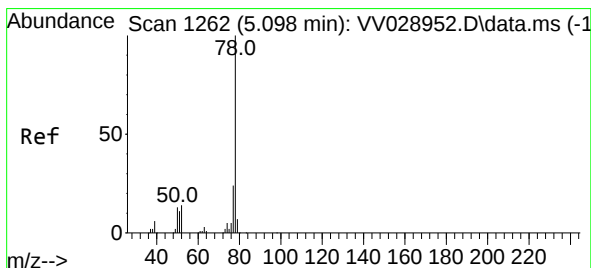
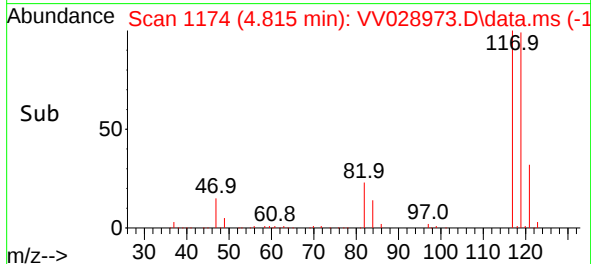
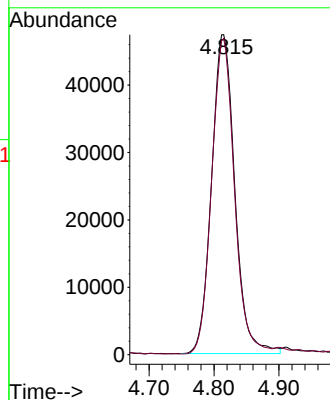
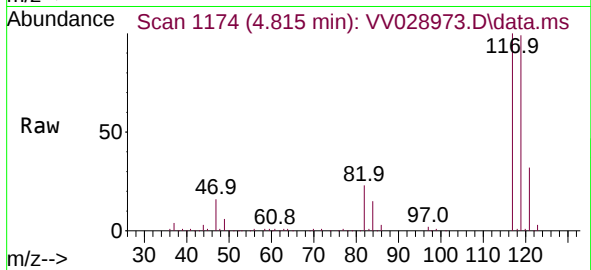




#31
Carbon tetrachloride
Concen: 4.669 ug/L
RT: 4.815 min Scan# 1177
Delta R.T. -0.010 min
Lab File: VV028973.D
Acq: 15 Nov 2022 05:50

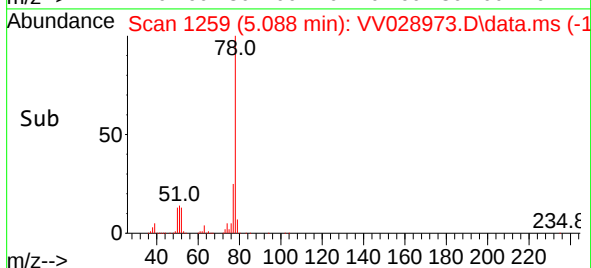
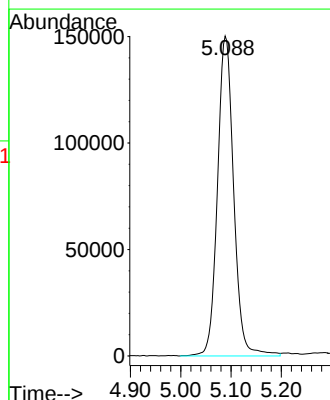
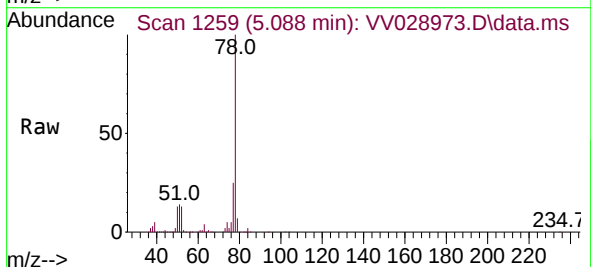
Instrument : MSVOA_V
ClientSampleId : H46C8MS

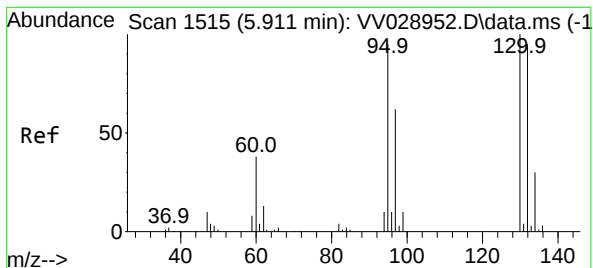
Tgt Ion:117 Resp: 117626
Ion Ratio Lower Upper
117 100
119 96.7 77.0 115.6



#33
Benzene
Concen: 4.422 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. -0.010 min
Lab File: VV028973.D
Acq: 15 Nov 2022 05:50

Tgt Ion: 78 Resp: 336878





#34

Trichloroethene

Concen: 4.763 ug/L

RT: 5.902 min Scan# 11

Delta R.T. -0.010 min

Lab File: VV028973.D

Acq: 15 Nov 2022 05:50

Instrument :

MSVOA_V

ClientSampleId :

H46C8MS

Tgt Ion: 95 Resp: 92883

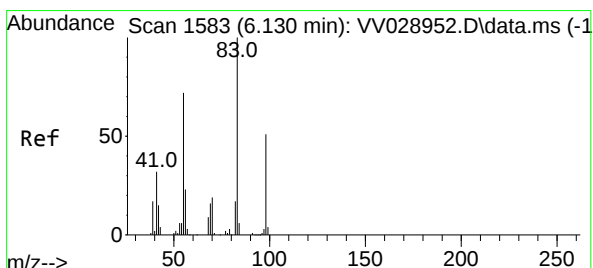
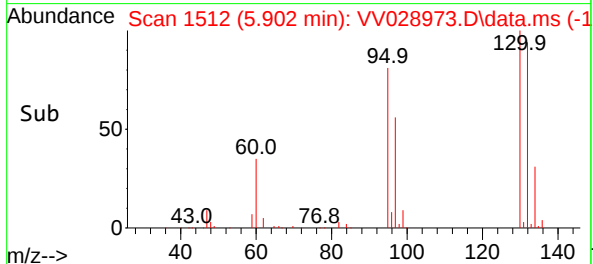
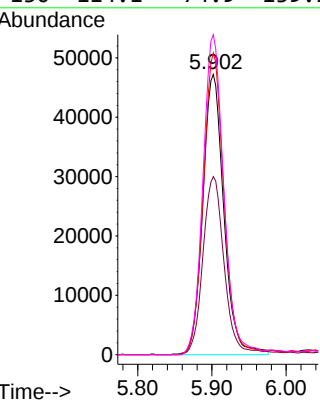
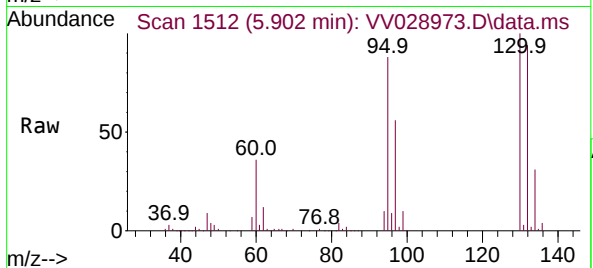
Ion Ratio Lower Upper

95 100

97 63.5 45.6 84.8

132 107.6 69.1 128.3

130 114.1 74.9 139.1



#35

Methylcyclohexane

Concen: 4.108 ug/L

RT: 6.111 min Scan# 1577

Delta R.T. -0.019 min

Lab File: VV028973.D

Acq: 15 Nov 2022 05:50

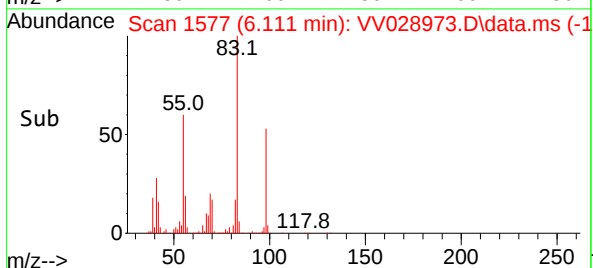
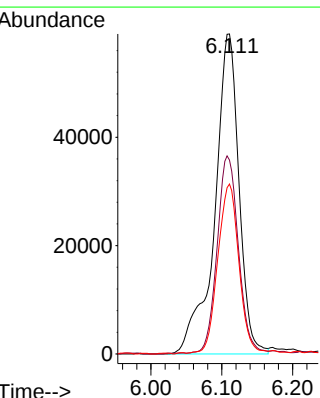
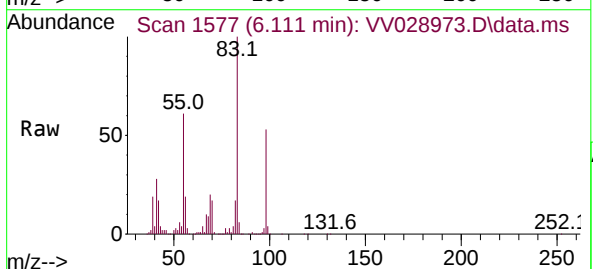
Tgt Ion: 83 Resp: 140809

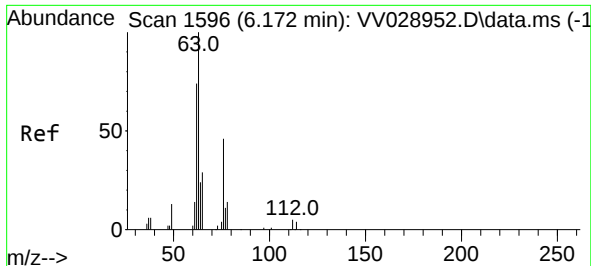
Ion Ratio Lower Upper

83 100

55 53.6 55.8 83.6#

98 45.8 38.2 57.2





#37

1,2-Dichloropropane

Concen: 2.908 ug/L

RT: 6.169 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV028973.D

Acq: 15 Nov 2022 05:50

Instrument :

MSVOA_V

ClientSampleId :

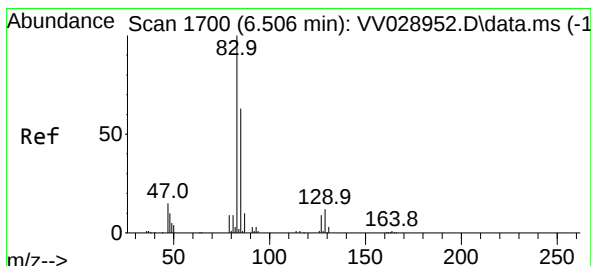
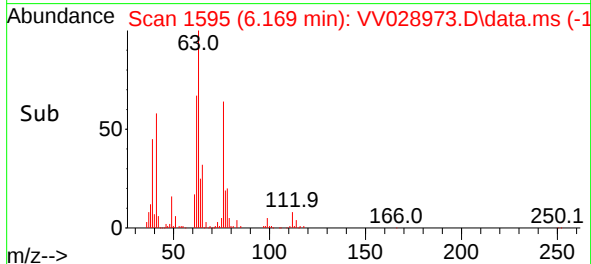
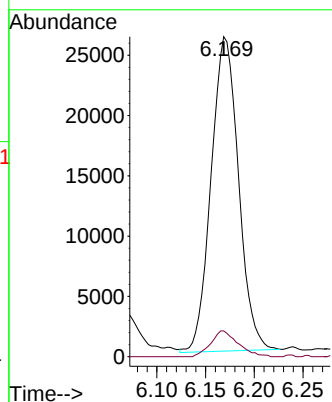
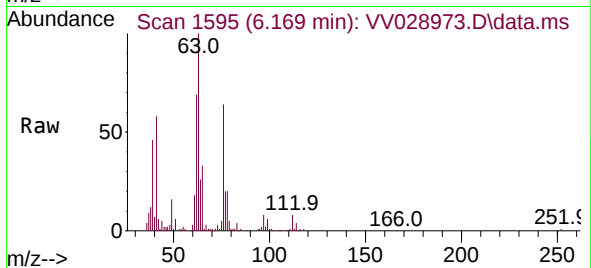
H46C8MS

Tgt Ion: 63 Resp: 51088

Ion Ratio Lower Upper

63 100

112 8.2 4.0 6.0#



#38

Bromodichloromethane

Concen: 3.506 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. -0.006 min

Lab File: VV028973.D

Acq: 15 Nov 2022 05:50

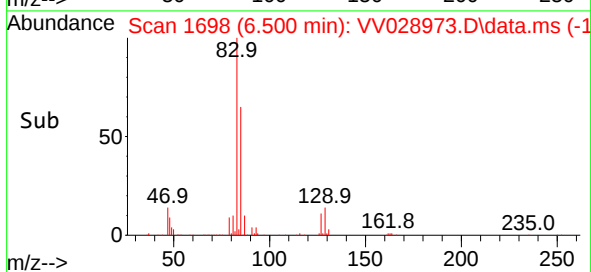
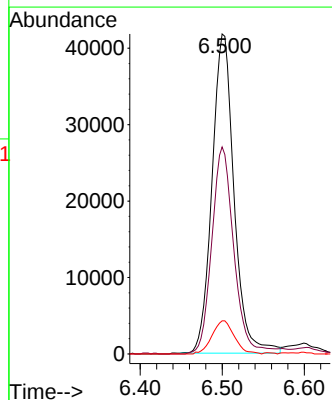
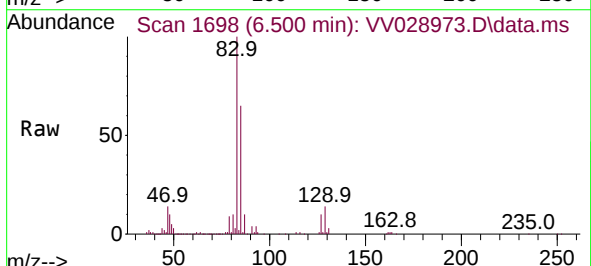
Tgt Ion: 83 Resp: 77997

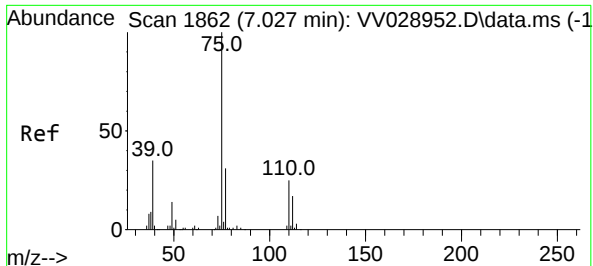
Ion Ratio Lower Upper

83 100

85 64.7 46.1 85.5

127 10.4 6.7 10.1#





#39

cis-1,3-Dichloropropene

Concen: 2.725 ug/L

RT: 7.021 min Scan# 11

Delta R.T. -0.006 min

Lab File: VV028973.D

Acq: 15 Nov 2022 05:50

Instrument :

MSVOA_V

ClientSampleId :

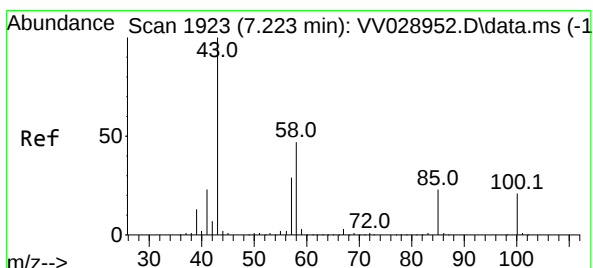
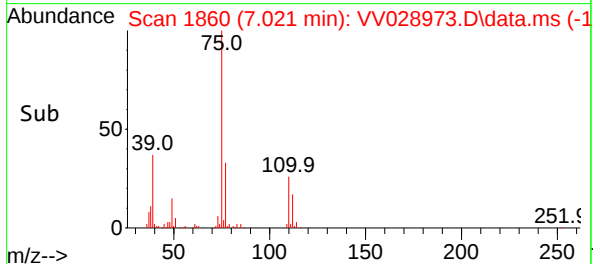
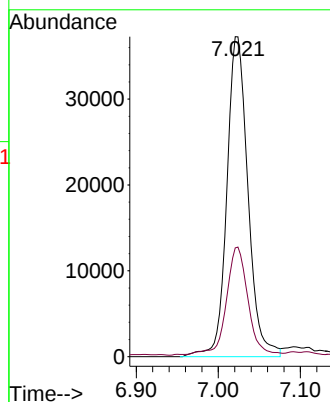
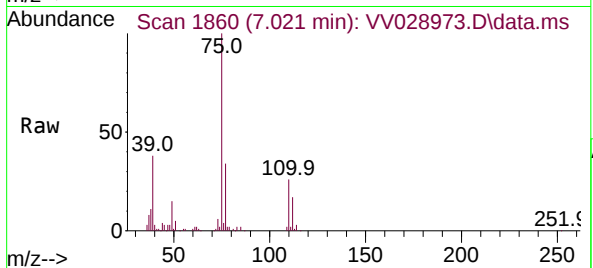
H46C8MS

Tgt Ion: 75 Resp: 66819

Ion Ratio Lower Upper

75 100

77 34.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 49.393 ug/L

RT: 7.255 min Scan# 1933

Delta R.T. 0.032 min

Lab File: VV028973.D

Acq: 15 Nov 2022 05:50

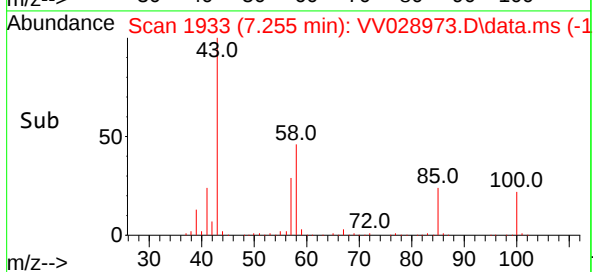
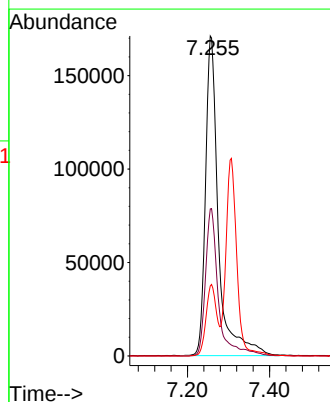
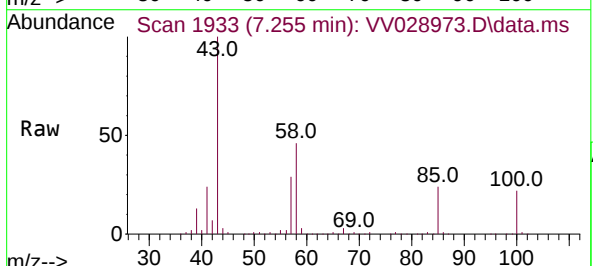
Tgt Ion: 43 Resp: 373316

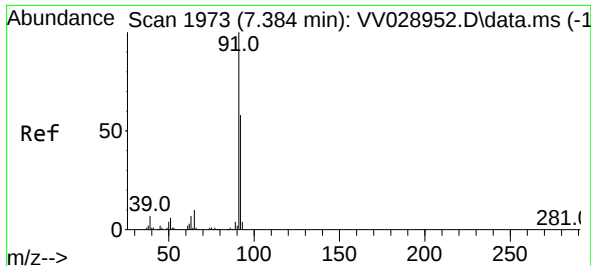
Ion Ratio Lower Upper

43 100

58 44.1 36.6 55.0

100 18.2 14.5 21.7





#42

Toluene

Concen: 5.275 ug/L

RT: 7.378 min Scan# 1973

Delta R.T. -0.006 min

Lab File: VV028973.D

Acq: 15 Nov 2022 05:50

Instrument :

MSVOA_V

ClientSampleId :

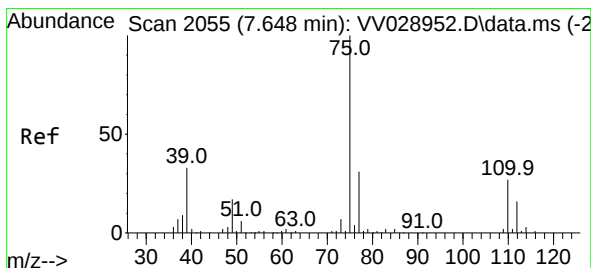
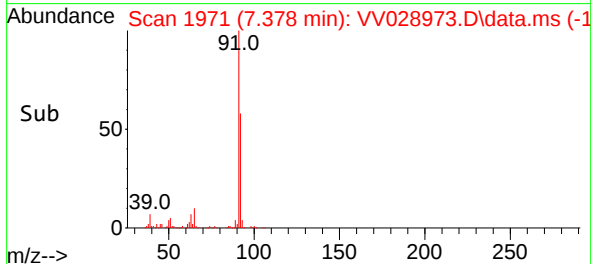
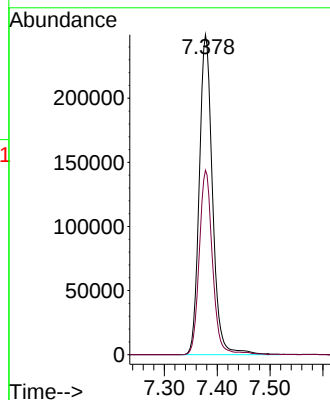
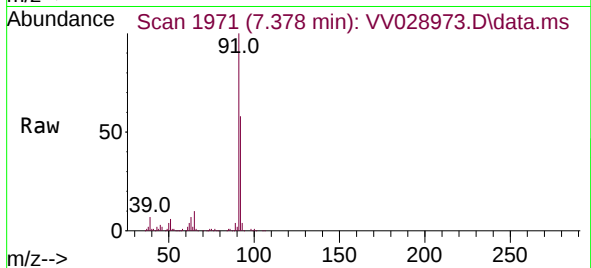
H46C8MS

Tgt Ion: 91 Resp: 434131

Ion Ratio Lower Upper

91 100

92 57.7 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 2.628 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV028973.D

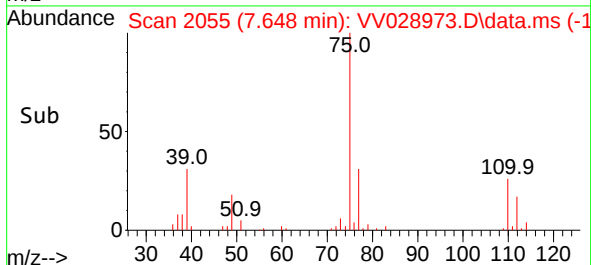
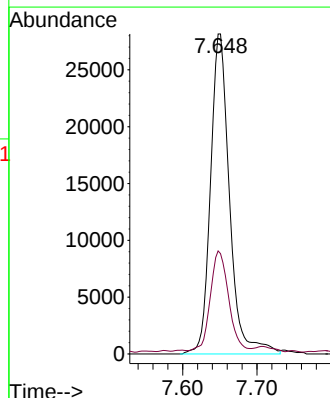
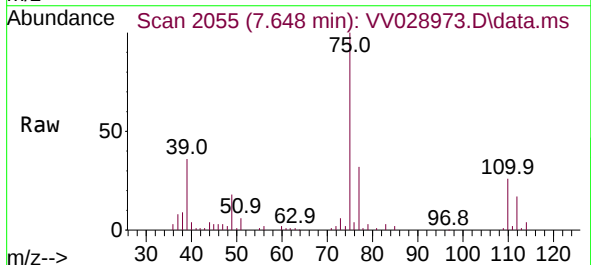
Acq: 15 Nov 2022 05:50

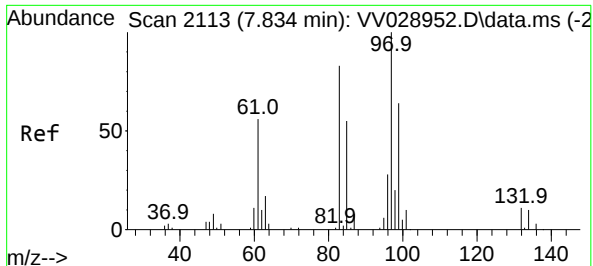
Tgt Ion: 75 Resp: 50030

Ion Ratio Lower Upper

75 100

77 32.2 22.2 41.2

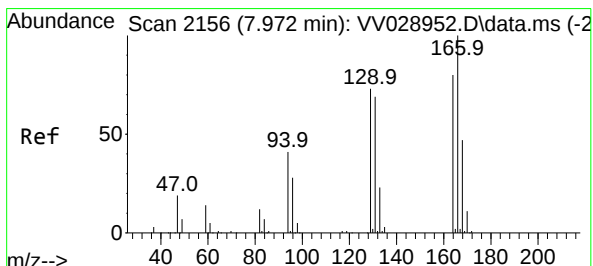
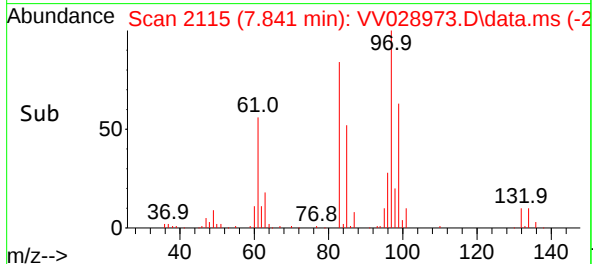
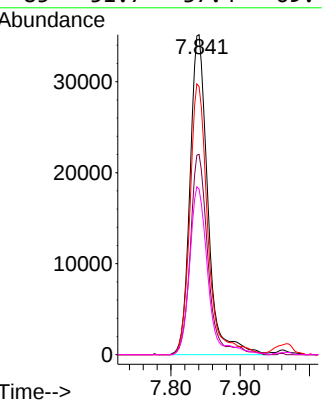
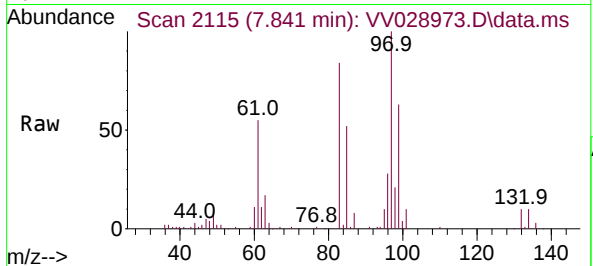




#45
1,1,2-Trichloroethane
Concen: 5.477 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.006 min
Lab File: VV028973.D
Acq: 15 Nov 2022 05:50

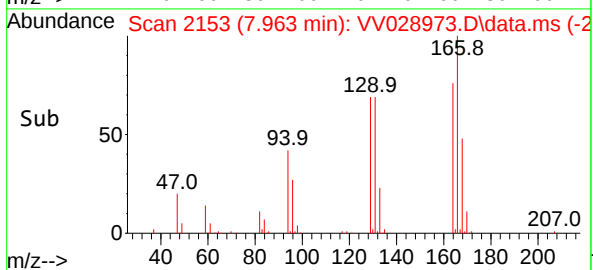
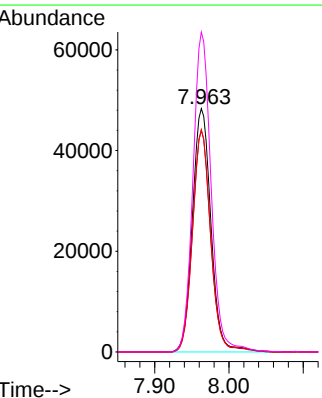
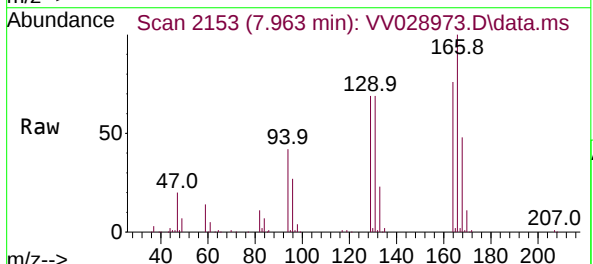
Instrument :
MSVOA_V
ClientSampleId :
H46C8MS

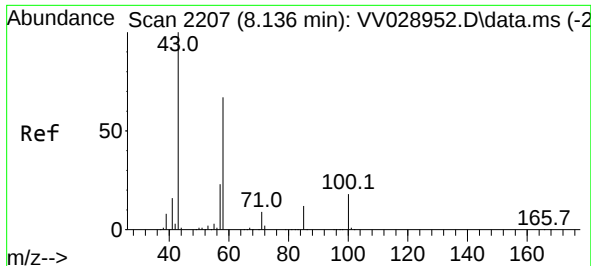
Tgt Ion:	97	Resp:	62988
Ion	Ratio	Lower	Upper
97	100		
99	62.6	41.5	77.1
83	83.8	60.0	111.4
85	51.7	37.4	69.4



#47
Tetrachloroethene
Concen: 5.362 ug/L
RT: 7.963 min Scan# 2153
Delta R.T. -0.010 min
Lab File: VV028973.D
Acq: 15 Nov 2022 05:50

Tgt Ion:	164	Resp:	83741
Ion	Ratio	Lower	Upper
164	100		
129	91.0	63.9	118.7
131	91.4	61.8	114.8
166	131.5	90.2	167.4

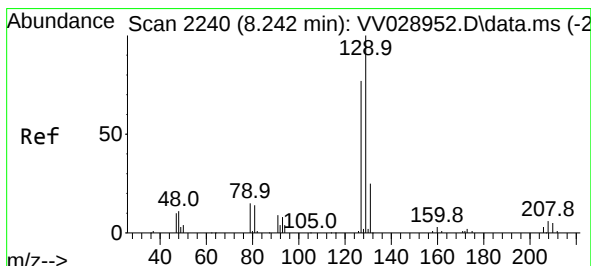
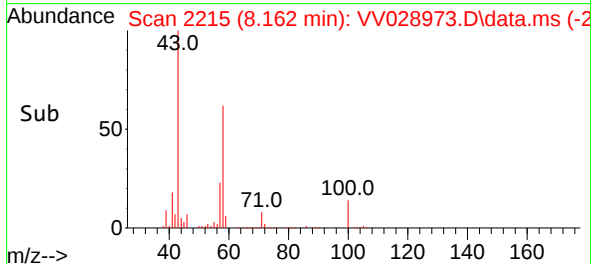
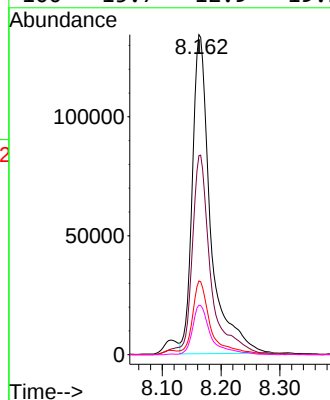
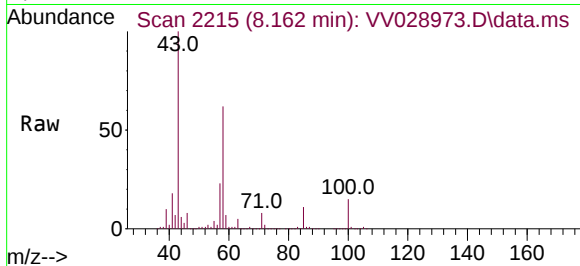




#48
2-Hexanone
Concen: 54.779 ug/L
RT: 8.162 min Scan# 21
Delta R.T. 0.026 min
Lab File: VV028973.D
Acq: 15 Nov 2022 05:50

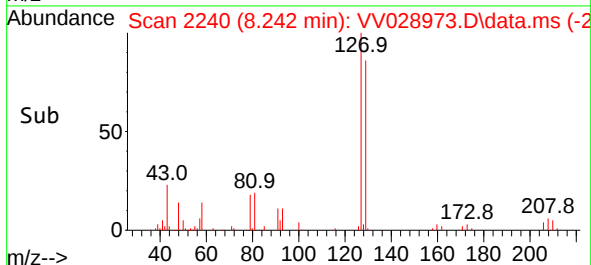
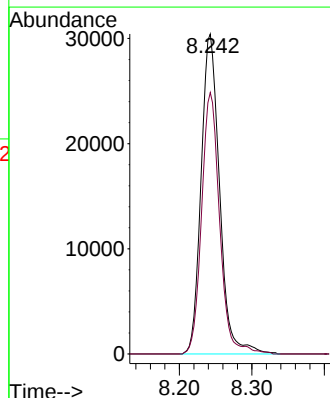
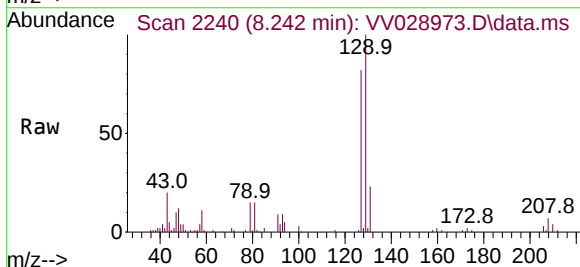
Instrument :
MSVOA_V
ClientSampleId :
H46C8MS

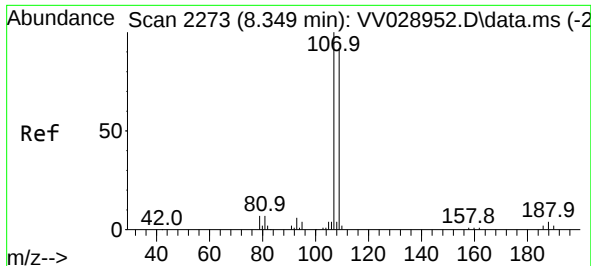
Tgt Ion: 43 Resp: 290019
Ion Ratio Lower Upper
43 100
58 64.4 50.2 75.4
57 22.6 17.8 26.8
100 15.7 12.9 19.3



#49
Dibromochloromethane
Concen: 3.871 ug/L
RT: 8.242 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV028973.D
Acq: 15 Nov 2022 05:50

Tgt Ion: 129 Resp: 53825
Ion Ratio Lower Upper
129 100
127 81.7 54.5 101.1





#50

1,2-Dibromoethane

Concen: 5.335 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV028973.D

Acq: 15 Nov 2022 05:50

Instrument :

MSVOA_V

ClientSampleId :

H46C8MS

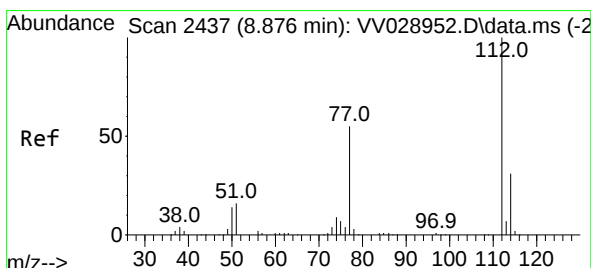
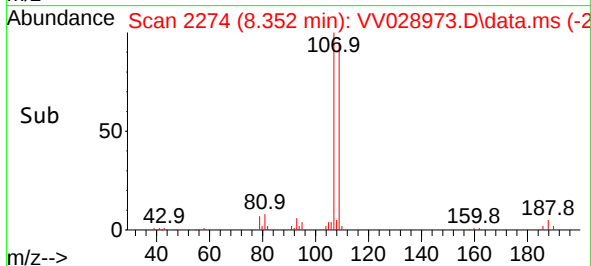
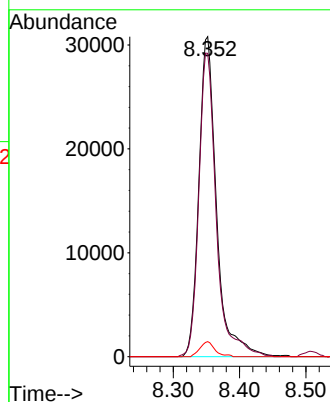
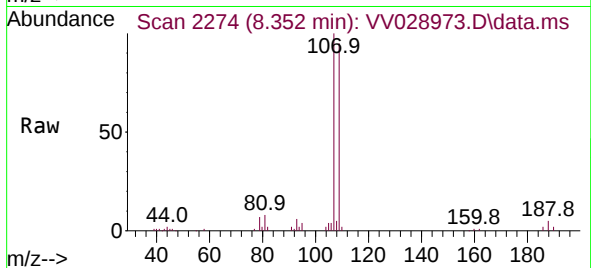
Tgt Ion:107 Resp: 57000

Ion Ratio Lower Upper

107 100

109 94.8 64.4 119.6

188 4.7 2.9 4.3#



#51

Chlorobenzene

Concen: 5.434 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. 0.000 min

Lab File: VV028973.D

Acq: 15 Nov 2022 05:50

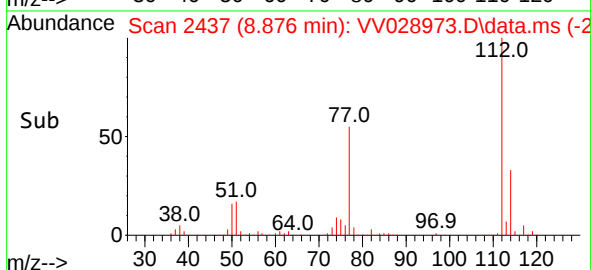
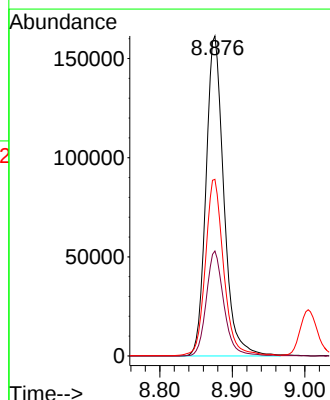
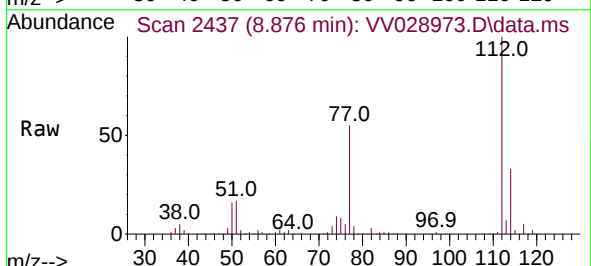
Tgt Ion:112 Resp: 276489

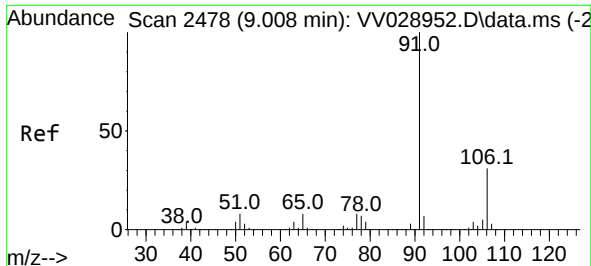
Ion Ratio Lower Upper

112 100

114 32.8 22.4 41.6

77 55.2 44.4 66.6





#52

Ethylbenzene

Concen: 5.466 ug/L

RT: 9.005 min Scan# 2478

Delta R.T. -0.003 min

Lab File: VV028973.D

Acq: 15 Nov 2022 05:50

Instrument :

MSVOA_V

ClientSampleId :

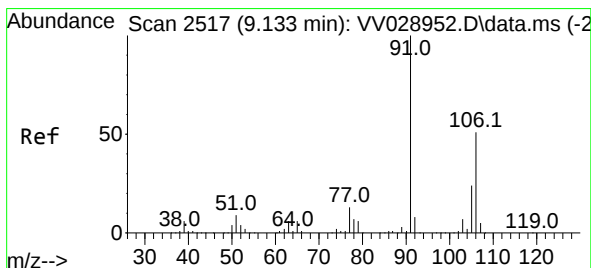
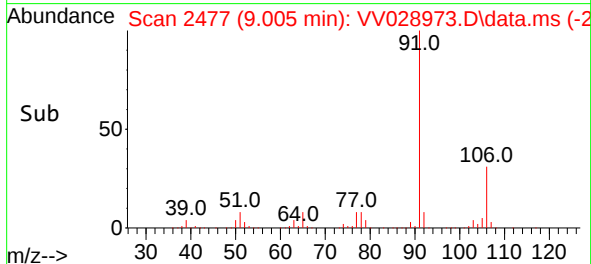
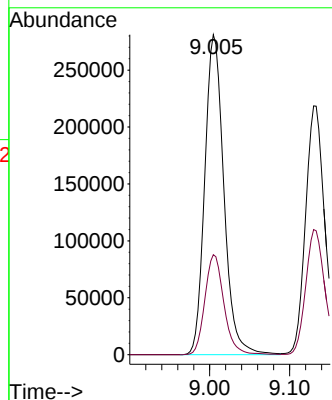
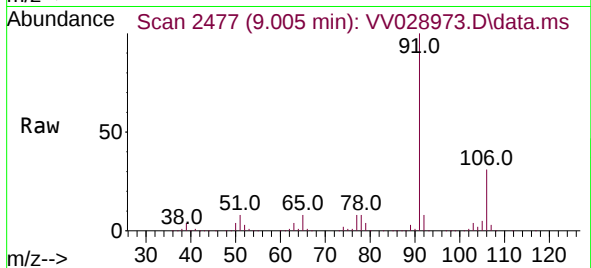
H46C8MS

Tgt Ion: 91 Resp: 468294

Ion Ratio Lower Upper

91 100

106 31.3 21.6 40.2



#53

m,p-Xylene

Concen: 5.421 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. -0.003 min

Lab File: VV028973.D

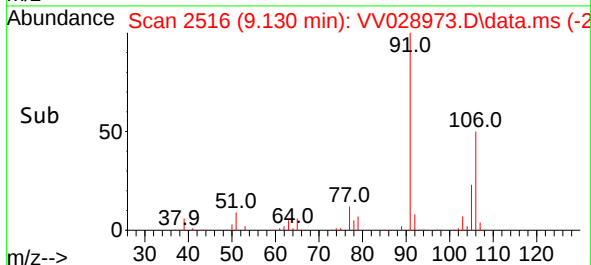
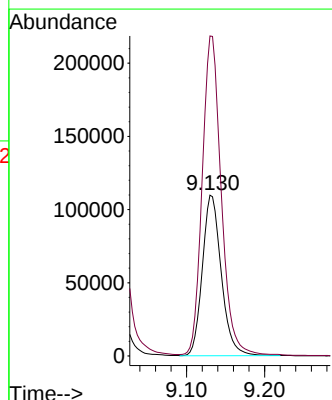
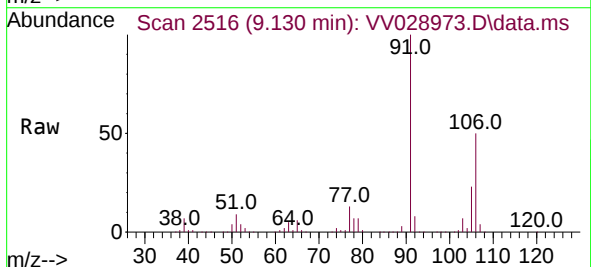
Acq: 15 Nov 2022 05:50

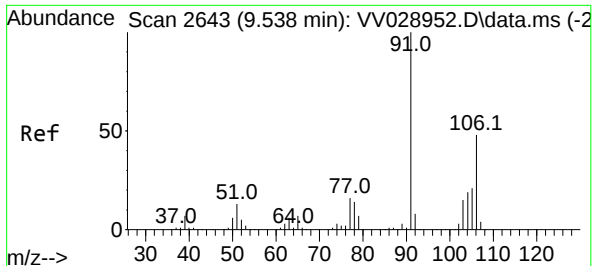
Tgt Ion: 106 Resp: 184713

Ion Ratio Lower Upper

106 100

91 199.0 139.1 258.3

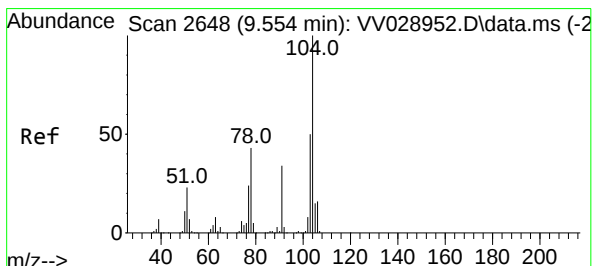
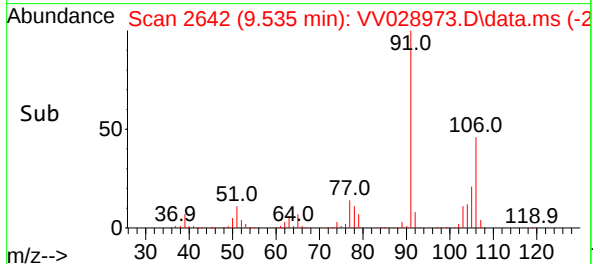
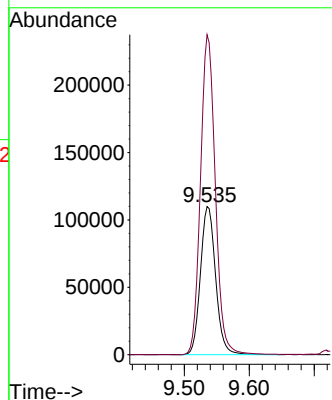
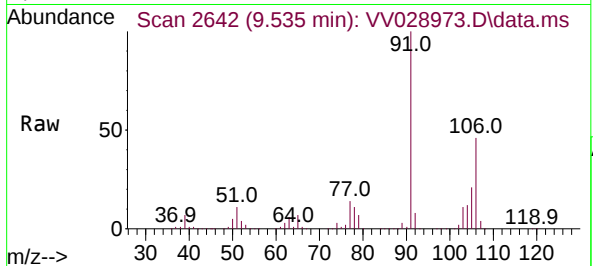




#54
o-Xylene
Concen: 5.520 ug/L
RT: 9.535 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV028973.D
Acq: 15 Nov 2022 05:50

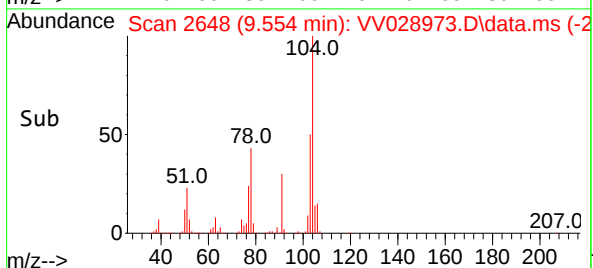
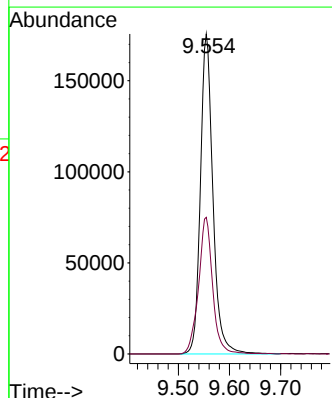
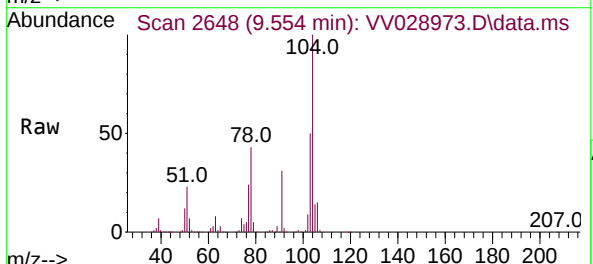
Instrument :
MSVOA_V
ClientSampleId :
H46C8MS

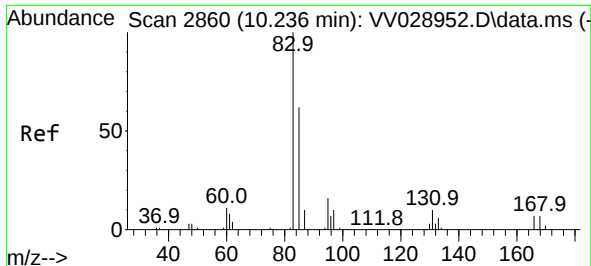
Tgt Ion:106 Resp: 178808
Ion Ratio Lower Upper
106 100
91 215.9 145.7 270.7



#55
Styrene
Concen: 5.510 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. 0.000 min
Lab File: VV028973.D
Acq: 15 Nov 2022 05:50

Tgt Ion:104 Resp: 299369
Ion Ratio Lower Upper
104 100
78 42.7 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.275 ug/L

RT: 10.236 min Scan# 2860

Delta R.T. 0.000 min

Lab File: VV028973.D

Acq: 15 Nov 2022 05:50

Instrument :

MSVOA_V

ClientSampleId :

H46C8MS

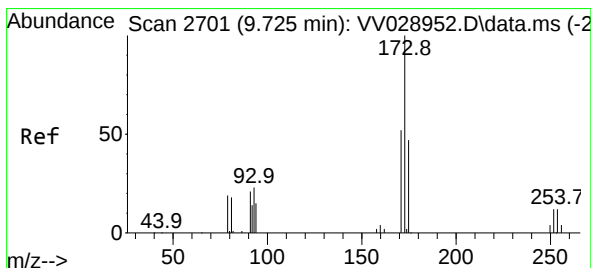
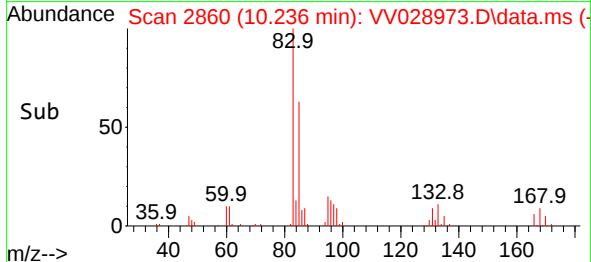
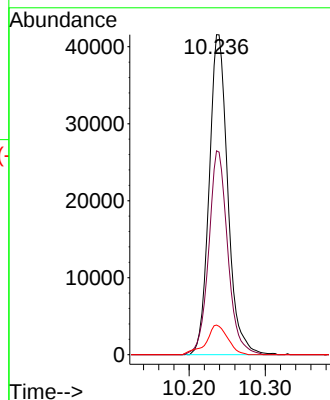
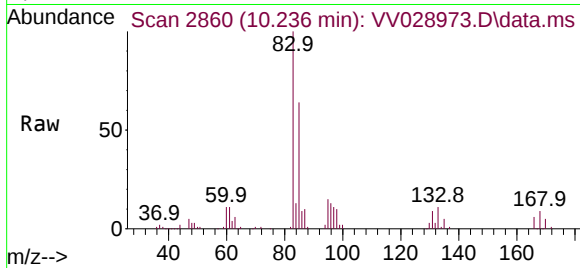
Tgt Ion: 83 Resp: 70699

Ion Ratio Lower Upper

83 100

85 63.7 45.2 84.0

131 9.2 7.5 11.3



#59

Bromoform

Concen: 2.645 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. 0.003 min

Lab File: VV028973.D

Acq: 15 Nov 2022 05:50

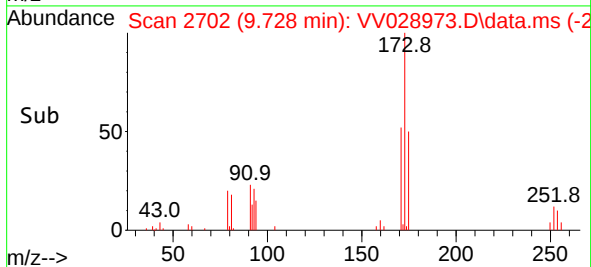
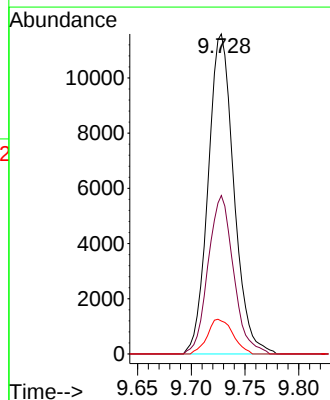
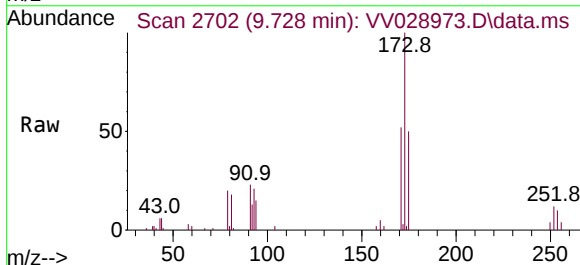
Tgt Ion: 173 Resp: 19304

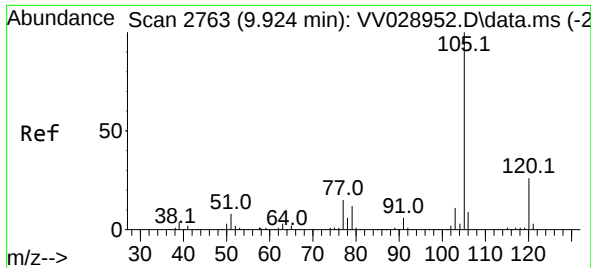
Ion Ratio Lower Upper

173 100

175 48.9 38.2 57.4

254 10.8 8.5 12.7

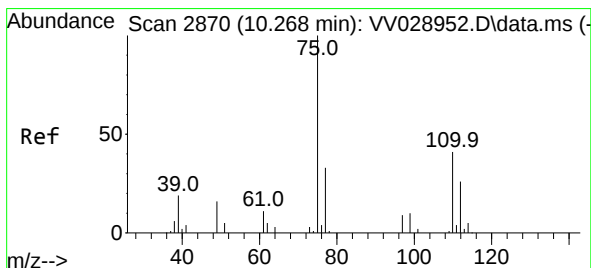
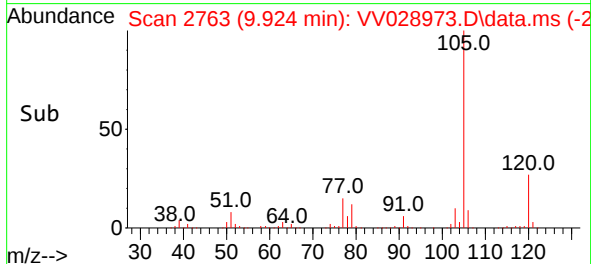
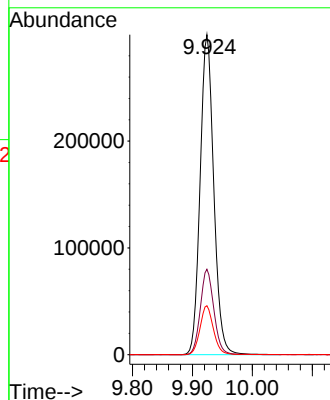
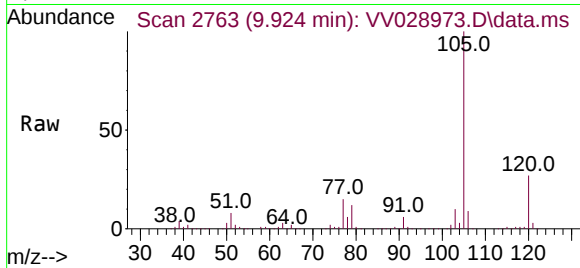




#60
Isopropylbenzene
Concen: 5.463 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028973.D
Acq: 15 Nov 2022 05:50

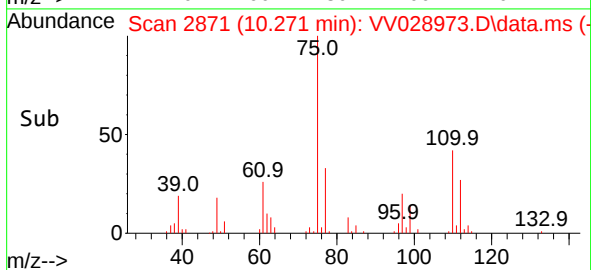
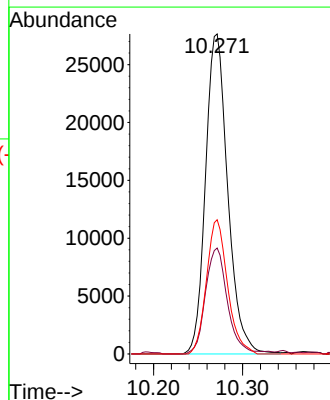
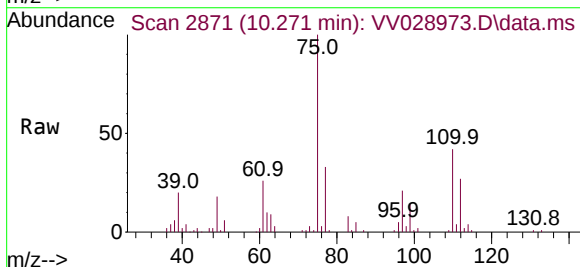
Instrument :
MSVOA_V
ClientSampleId :
H46C8MS

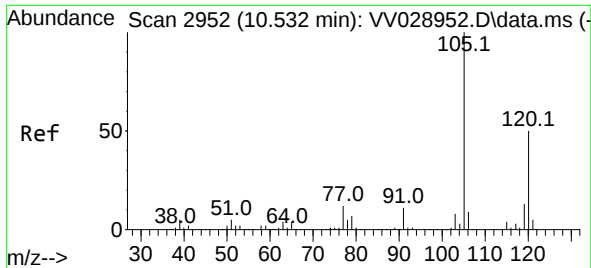
Tgt Ion:105 Resp: 474771
Ion Ratio Lower Upper
105 100
120 26.5 21.3 31.9
77 15.1 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.234 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV028973.D
Acq: 15 Nov 2022 05:50

Tgt Ion: 75 Resp: 47889
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.2
110 39.8 32.6 48.8





#62

1,3,5-Trimethylbenzene

Concen: 5.387 ug/L

RT: 10.532 min Scan# 2952

Delta R.T. 0.000 min

Lab File: VV028973.D

Acq: 15 Nov 2022 05:50

Instrument :

MSVOA_V

ClientSampleId :

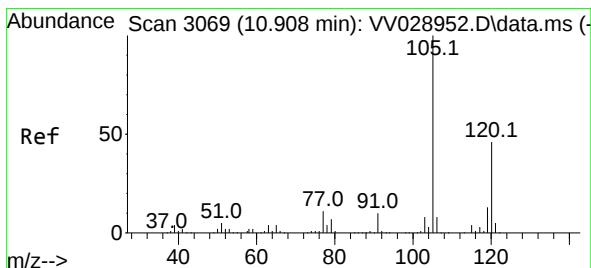
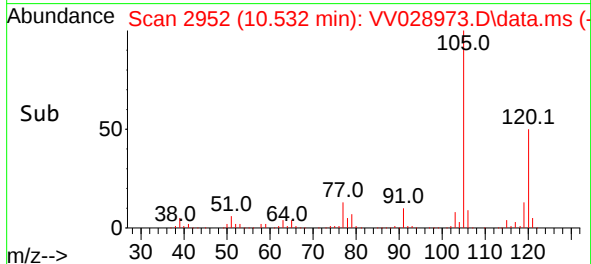
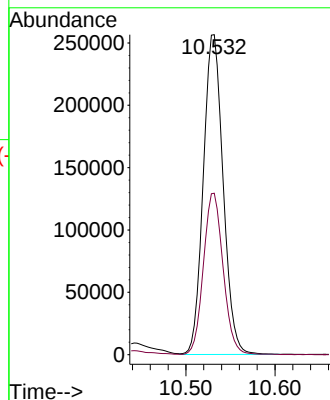
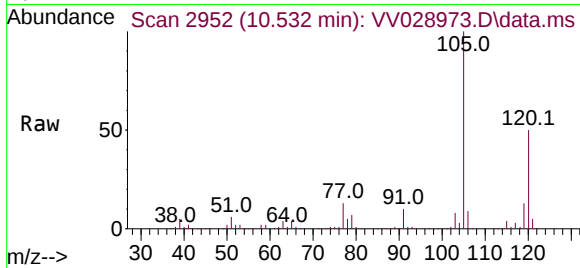
H46C8MS

Tgt Ion:105 Resp: 396598

Ion Ratio Lower Upper

105 100

120 50.3 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 5.499 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. -0.003 min

Lab File: VV028973.D

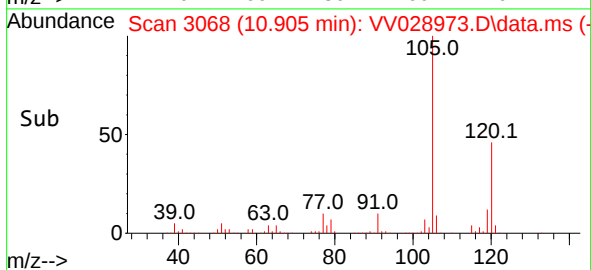
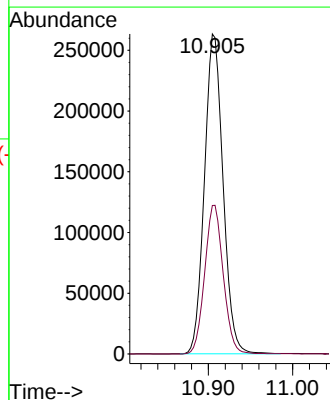
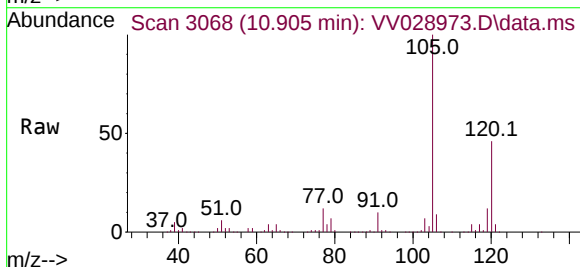
Acq: 15 Nov 2022 05:50

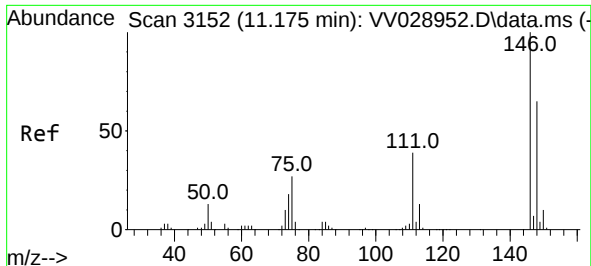
Tgt Ion:105 Resp: 405580

Ion Ratio Lower Upper

105 100

120 46.4 37.8 56.8

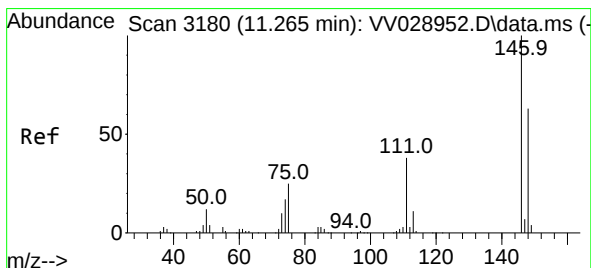
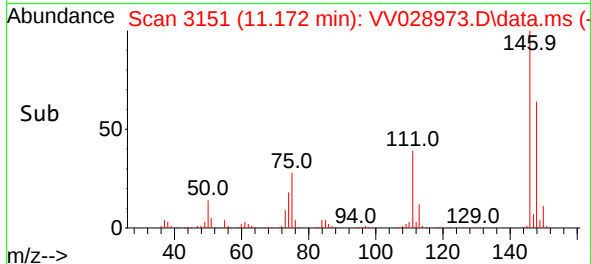
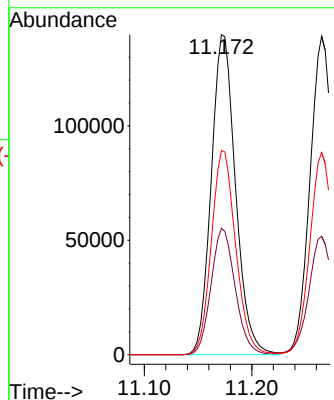
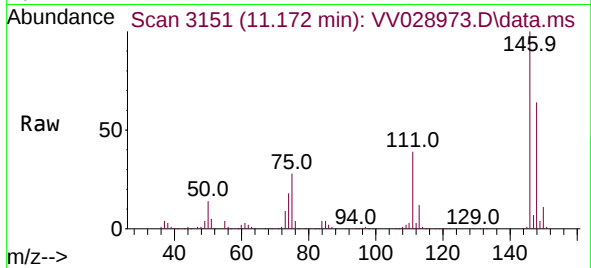




#64
1,3-Dichlorobenzene
Concen: 5.377 ug/L
RT: 11.172 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VV028973.D
Acq: 15 Nov 2022 05:50

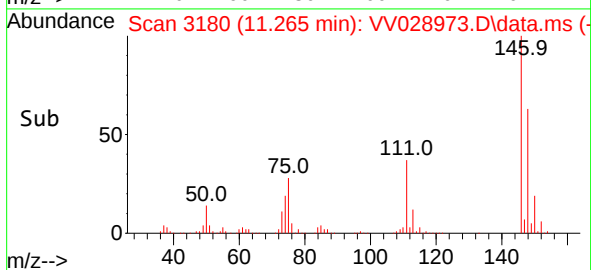
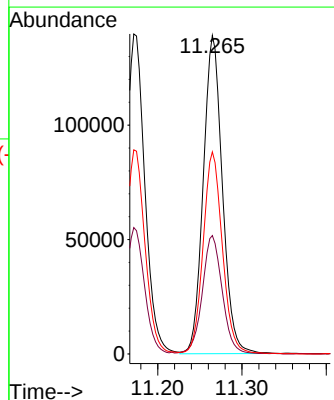
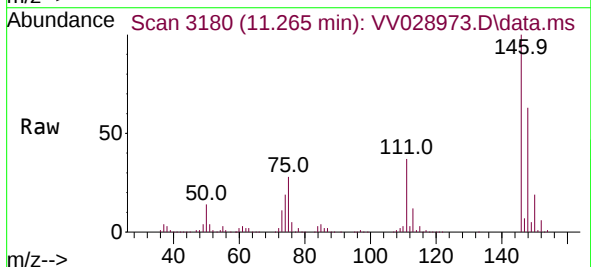
Instrument :
MSVOA_V
ClientSampleId :
H46C8MS

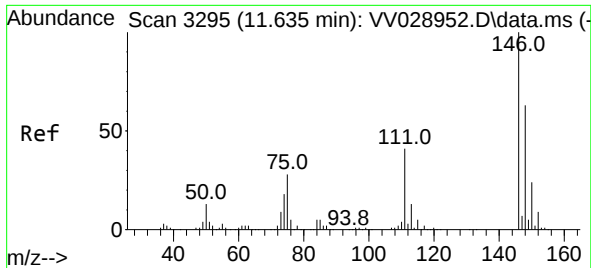
Tgt Ion:146 Resp: 219571
Ion Ratio Lower Upper
146 100
111 39.5 26.9 50.1
148 63.8 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 5.356 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.000 min
Lab File: VV028973.D
Acq: 15 Nov 2022 05:50

Tgt Ion:146 Resp: 219852
Ion Ratio Lower Upper
146 100
111 37.2 26.5 49.3
148 63.5 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 5.410 ug/L

RT: 11.635 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV028973.D

Acq: 15 Nov 2022 05:50

Instrument :

MSVOA_V

ClientSampleId :

H46C8MS

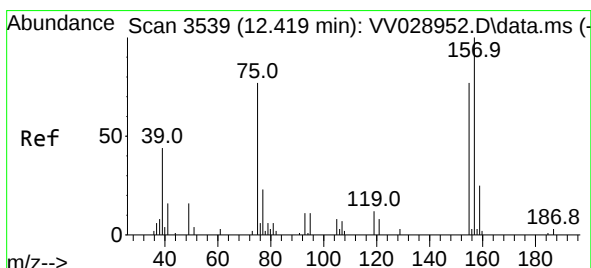
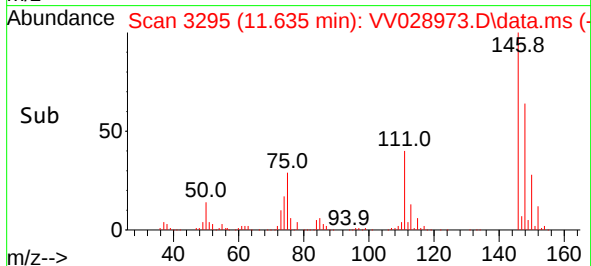
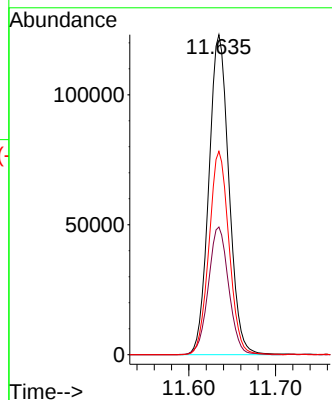
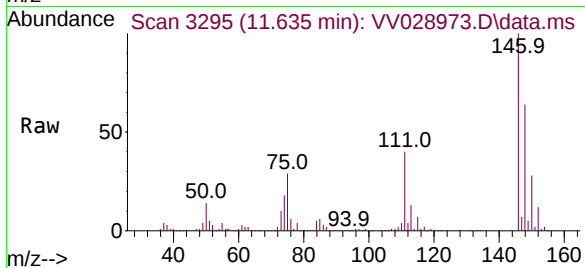
Tgt Ion:146 Resp: 198501

Ion Ratio Lower Upper

146 100

111 39.9 32.4 48.6

148 63.6 49.4 74.2



#68

1,2-Dibromo-3-chloropropane

Concen: 3.726 ug/L

RT: 12.419 min Scan# 3539

Delta R.T. 0.000 min

Lab File: VV028973.D

Acq: 15 Nov 2022 05:50

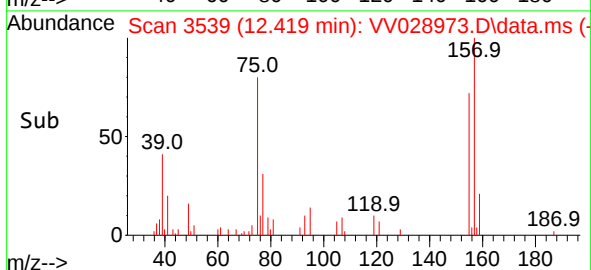
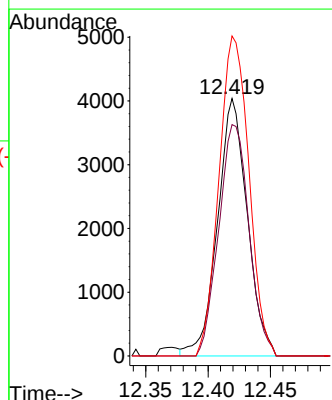
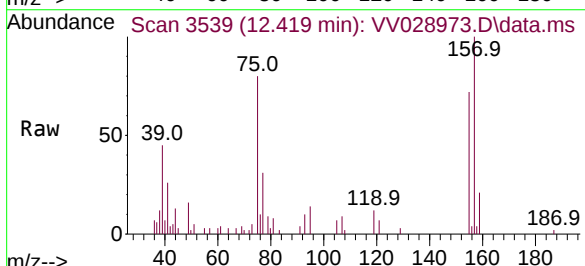
Tgt Ion: 75 Resp: 6708

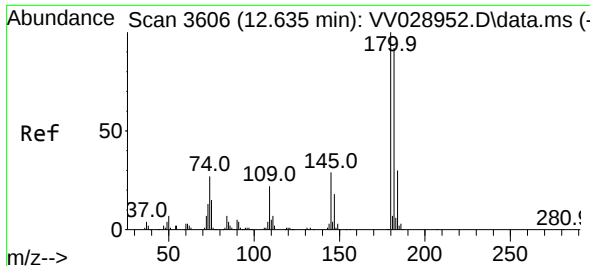
Ion Ratio Lower Upper

75 100

155 89.9 64.8 97.2

157 124.3 86.3 129.5

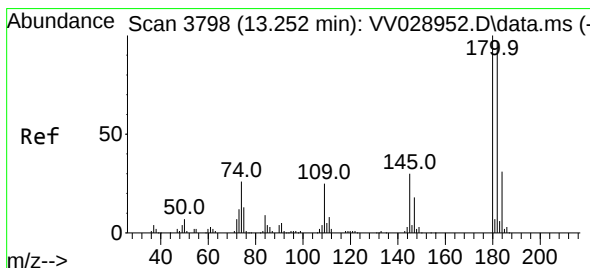
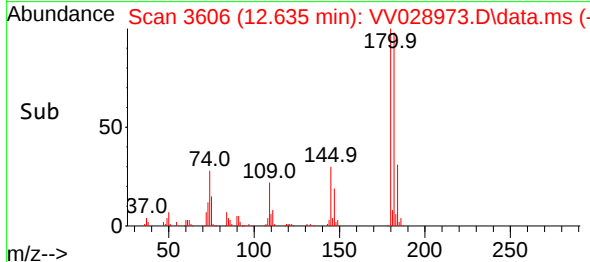
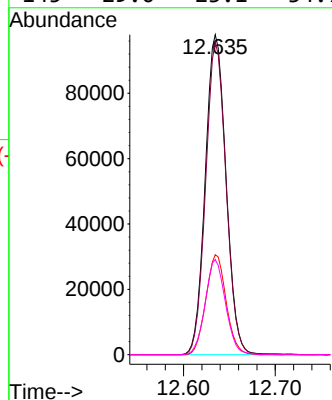
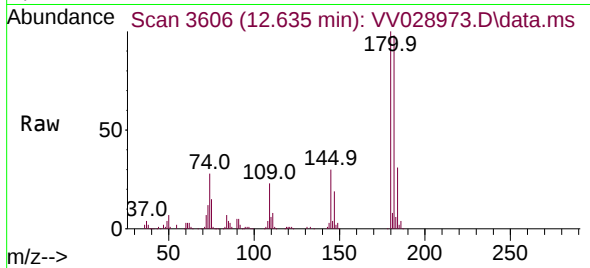




#69
1,3,5-Trichlorobenzene
Concen: 4.900 ug/L
RT: 12.635 min Scan# 3606
Delta R.T. 0.000 min
Lab File: VV028973.D
Acq: 15 Nov 2022 05:50

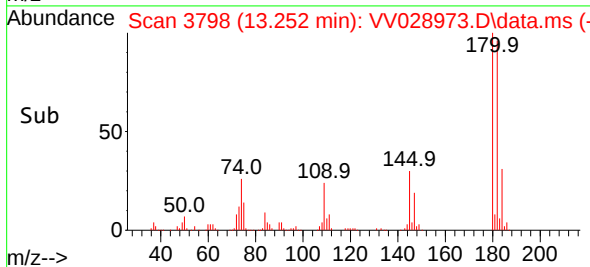
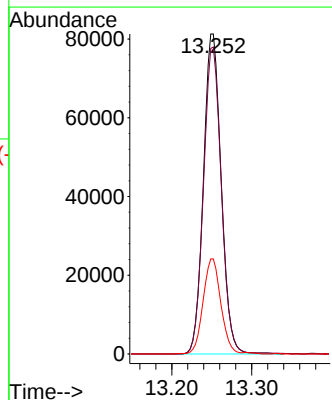
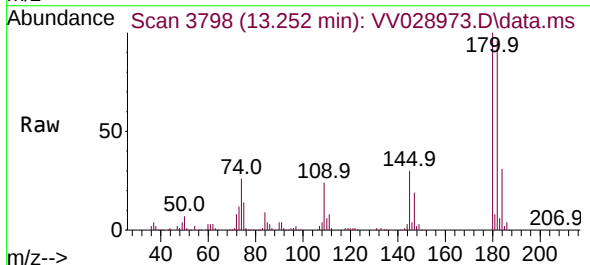
Instrument :
MSVOA_V
ClientSampleId :
H46C8MS

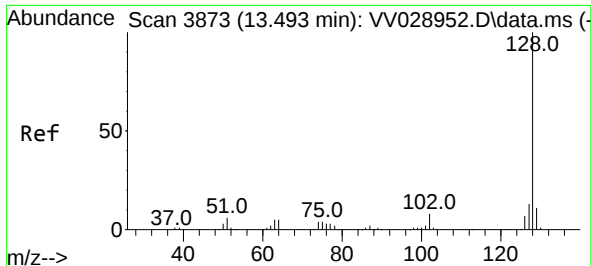
Tgt Ion:180 Resp: 154370
Ion Ratio Lower Upper
180 100
182 95.7 76.7 115.1
184 30.4 24.0 36.0
145 29.0 23.1 34.7



#70
1,2,4-trichlorobenzene
Concen: 5.279 ug/L
RT: 13.252 min Scan# 3798
Delta R.T. 0.000 min
Lab File: VV028973.D
Acq: 15 Nov 2022 05:50

Tgt Ion:180 Resp: 125799
Ion Ratio Lower Upper
180 100
182 96.1 74.3 111.5
145 29.7 23.7 35.5

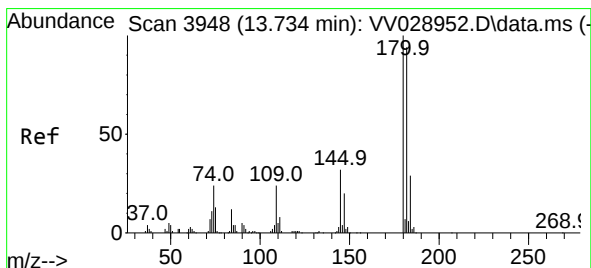
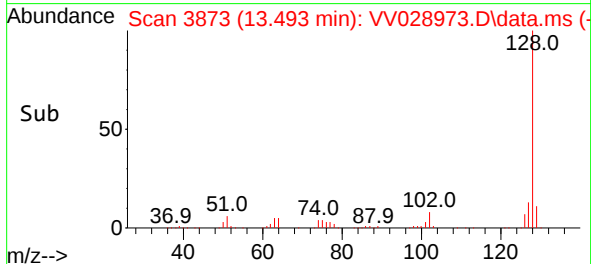
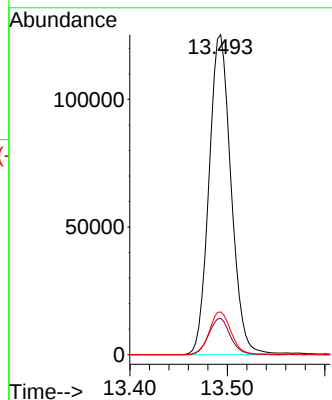
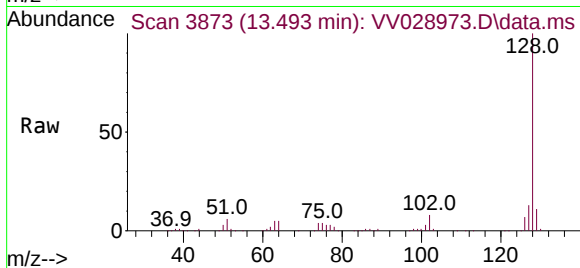




#71
Naphthalene
Concen: 6.416 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.000 min
Lab File: VV028973.D
Acq: 15 Nov 2022 05:50

Instrument :
MSVOA_V
ClientSampleId :
H46C8MS

Tgt Ion:128 Resp: 197268
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.3 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 5.596 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. -0.003 min
Lab File: VV028973.D
Acq: 15 Nov 2022 05:50

Tgt Ion:180 Resp: 112940
Ion Ratio Lower Upper
180 100
182 94.6 75.4 113.2
145 31.3 24.9 37.3

