

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
 Data File : VV028354.D
 Acq On : 05 Oct 2022 03:00
 Operator : SY/MD
 Sample : N4872-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFX9

Quant Time: Oct 05 04:18:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	199865	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	197672	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	111107	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.410	65	148	0.010	ug/L	0.11
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.200%#
7) Chloroethane-d5	1.565	69	126	0.010	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	0.200%#
11) 1,1-Dichloroethene-d2	2.111	63	37929	1.340	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	26.800%#
20) 2-Butanone-d5	3.960	46	249	0.098	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	0.200%#
24) Chloroform-d	4.365	84	6628	0.244	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	4.800%#
26) 1,2-Dichloroethane-d4	5.050	65	253	0.020	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.400%#
32) Benzene-d6	5.060	84	973	0.018	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	0.400%#
36) 1,2-Dichloropropane-d6	6.127	67	14345	0.922	ug/L	0.06
Spiked Amount	5.000	Range	60 - 140	Recovery	=	18.400%#
41) Toluene-d8	7.314	98	1693	0.034	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.600%#
43) trans-1,3-Dichloroprop...	7.629	79	93	0.016	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.400%#
46) 2-Hexanone-d5	8.108	63	496	0.205	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	0.400%#
56) 1,1,2,2-Tetrachloroeth...	10.233	84	1400	0.119	ug/L	0.02
Spiked Amount	5.000	Range	65 - 120	Recovery	=	2.400%#
66) 1,2-Dichlorobenzene-d4	11.619	152	1438	0.075	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	1.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	87018	5.413	ug/L	91
3) Chloromethane	1.237	50	82579	5.420	ug/L	99
5) Vinyl chloride	1.304	62	95599	5.572	ug/L	99
6) Bromomethane	1.516	94	33176	4.072	ug/L	100
8) Chloroethane	1.581	64	64842	5.671	ug/L	89
9) Trichlorofluoromethane	1.748	101	136196	5.284	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	76254	5.289	ug/L	97
12) 1,1-Dichloroethene	2.111	96	76856	5.361	ug/L #	49
13) Acetone	2.195	43	111905	67.070	ug/L	77
14) Carbon disulfide	2.288	76	230826	5.168	ug/L	100
15) Methyl Acetate	2.439	43	24132	5.314	ug/L #	89
16) Methylene chloride	2.500	84	85093	5.273	ug/L	88
17) Methyl tert-butyl Ether	2.764	73	163756	5.563	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	82417	5.519	ug/L	93
19) 1,1-Dichloroethane	3.182	63	149380	5.874	ug/L	98
21) 2-Butanone	3.982	43	169500	66.919	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	84442	5.615	ug/L	93
23) Bromochloromethane	4.240	128	38118	5.723	ug/L #	88
25) Chloroform	4.368	83	151674	5.438	ug/L	100

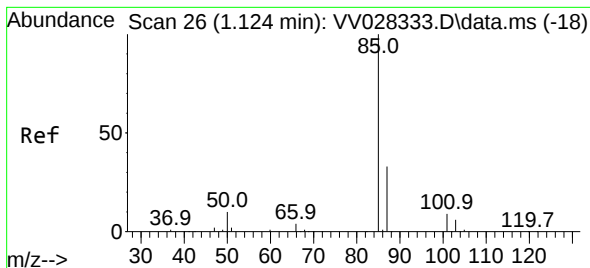
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 Data File : VW028354.D
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	83656	5.599	ug/L #	94
29) 1,1,1-Trichloroethane	4.600	97	132938	5.452	ug/L	99
30) Cyclohexane	4.671	56	115490	5.497	ug/L	92
31) Carbon tetrachloride	4.822	117	117066	5.352	ug/L	99
33) Benzene	5.092	78	327809	5.571	ug/L	100
34) Trichloroethene	5.908	95	84212	5.716	ug/L	96
35) Methylcyclohexane	6.124	83	127167	5.287	ug/L	95
37) 1,2-Dichloropropane	6.169	63	84862	6.227	ug/L	98
38) Bromodichloromethane	6.506	83	102232	5.439	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	97449	5.009	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	393747	62.884	ug/L	94
42) Toluene	7.384	91	358532	5.790	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	82947	5.019	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	58016	5.740	ug/L	98
47) Tetrachloroethene	7.969	164	71793	5.575	ug/L	98
48) 2-Hexanone	8.137	43	268650	61.259	ug/L	95
49) Dibromochloromethane	8.243	129	67943	5.311	ug/L	100
50) 1,2-Dibromoethane	8.349	107	52095	5.727	ug/L	99
51) Chlorobenzene	8.876	112	233502	5.670	ug/L	99
52) Ethylbenzene	9.008	91	363290	5.583	ug/L	98
53) m,p-Xylene	9.133	106	144486	5.570	ug/L	100
54) o-Xylene	9.539	106	137074	5.587	ug/L	100
55) Styrene	9.558	104	246351	5.843	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.236	83	66424	5.791	ug/L	98
59) Bromoform	9.728	173	37433	5.115	ug/L	99
60) Isopropylbenzene	9.928	105	366287	5.388	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	46943	5.476	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	95496	4.943	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	281619	5.143	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	204465	6.122	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	237502	7.102	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	207308	6.844	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.423	75	10845	5.553	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	139992	5.299	ug/L	99
70) 1,2,4-trichlorobenzene	13.255	180	109506	5.439	ug/L	99
71) Naphthalene	13.497	128	154068	4.900	ug/L	98
72) 1,2,3-Trichlorobenzene	13.738	180	97841	5.391	ug/L	98

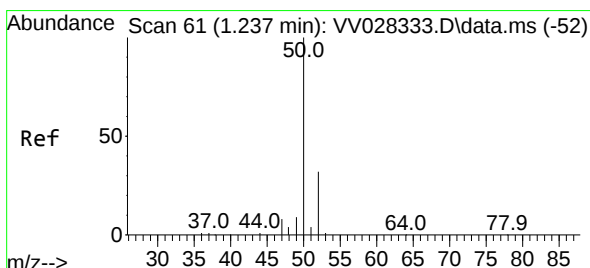
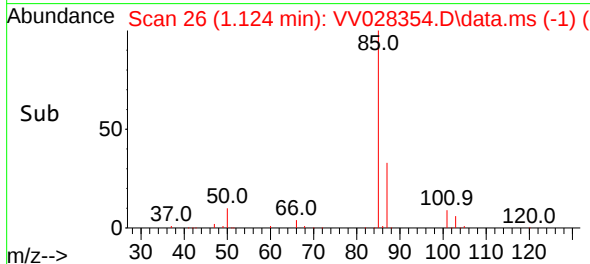
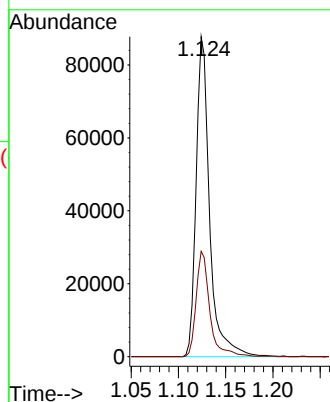
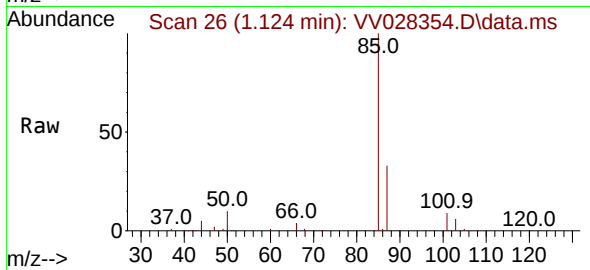
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#2
 Dichlorodifluoromethane
 Concen: 5.413 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV028354.D
 Acq: 05 Oct 2022 03:00

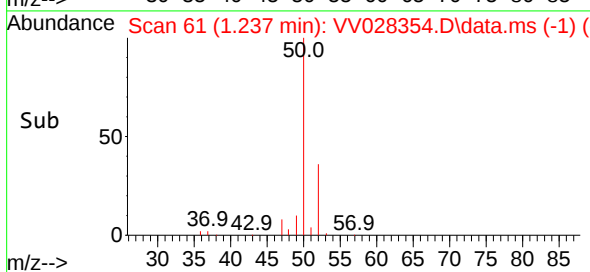
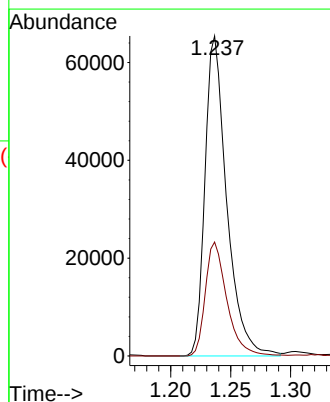
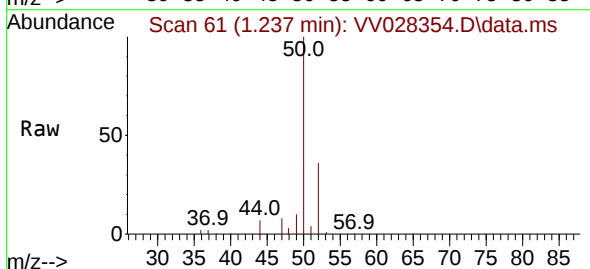
Instrument :
 MSVOA_V
 ClientSampleId :
 EXFX9

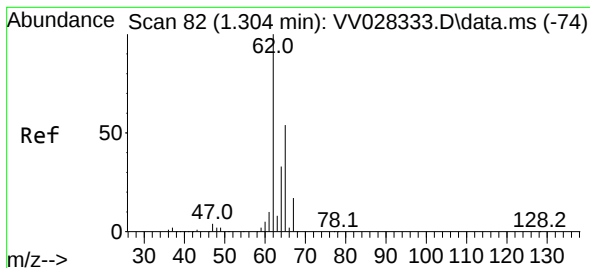
Tgt Ion: 85 Resp: 87018
 Ion Ratio Lower Upper
 85 100
 87 33.5 22.8 34.2



#3
 Chloromethane
 Concen: 5.420 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV028354.D
 Acq: 05 Oct 2022 03:00

Tgt Ion: 50 Resp: 82579
 Ion Ratio Lower Upper
 50 100
 52 35.6 24.4 45.2





#5

Vinyl chloride

Concen: 5.572 ug/L

RT: 1.304 min Scan# 81

Delta R.T. 0.000 min

Lab File: VV028354.D

Acq: 05 Oct 2022 03:00

Instrument :

MSVOA_V

ClientSampleId :

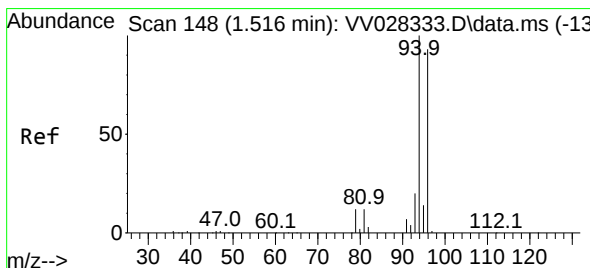
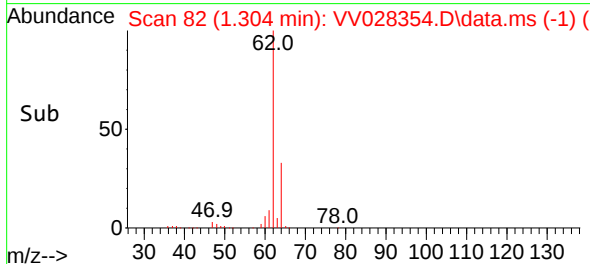
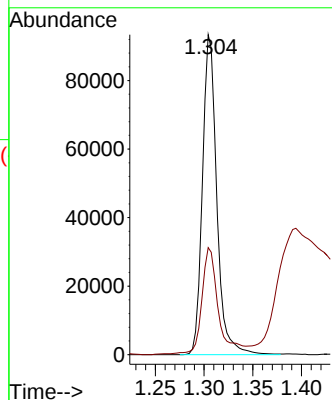
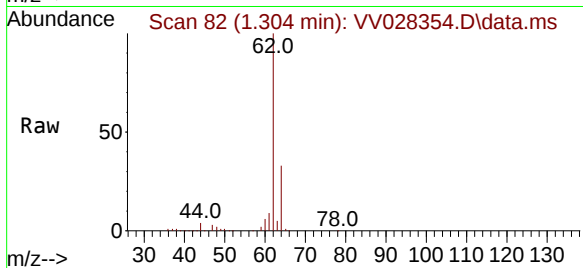
EXFX9

Tgt Ion: 62 Resp: 95599

Ion Ratio Lower Upper

62 100

64 33.4 23.0 42.8



#6

Bromomethane

Concen: 4.072 ug/L

RT: 1.516 min Scan# 148

Delta R.T. 0.000 min

Lab File: VV028354.D

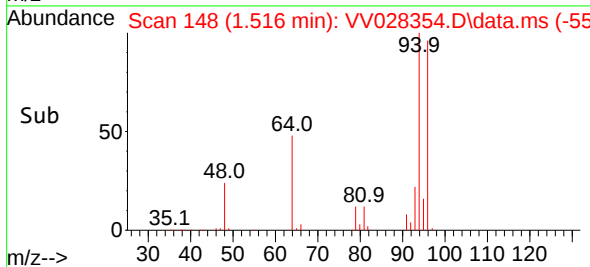
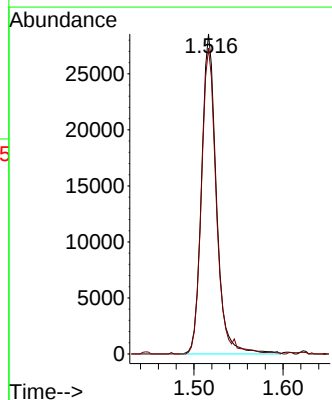
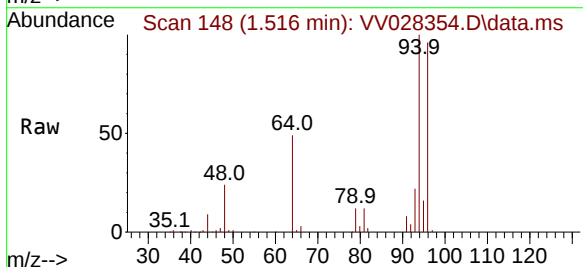
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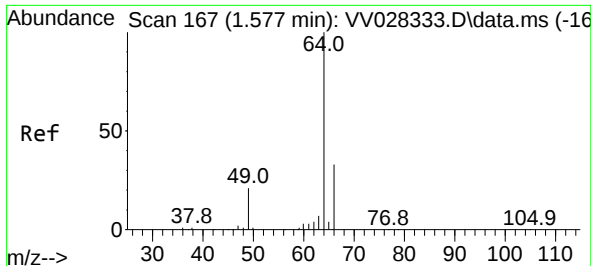
Tgt Ion: 94 Resp: 33176

Ion Ratio Lower Upper

94 100

96 95.5 66.7 123.9

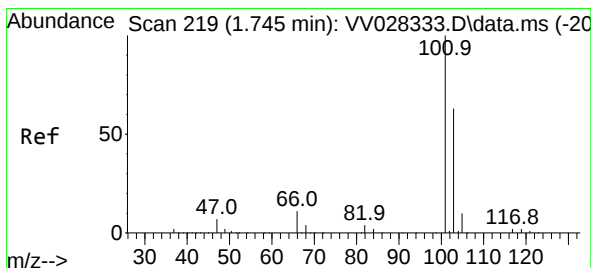
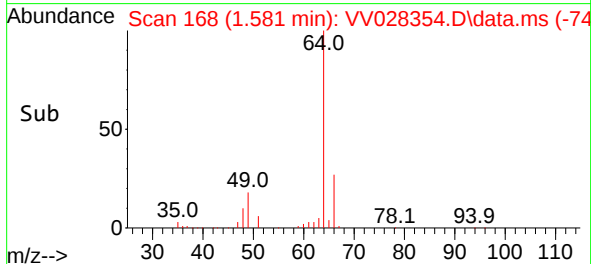
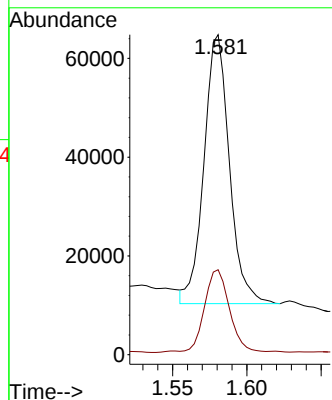
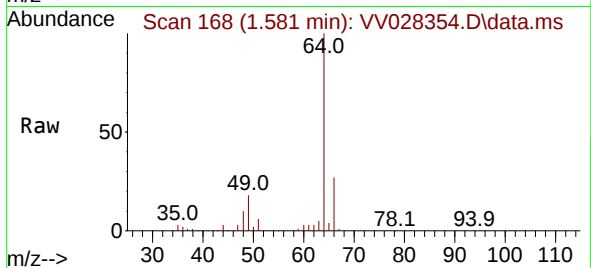




#8
Chloroethane
Concen: 5.671 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV028354.D
Acq: 05 Oct 2022 03:00

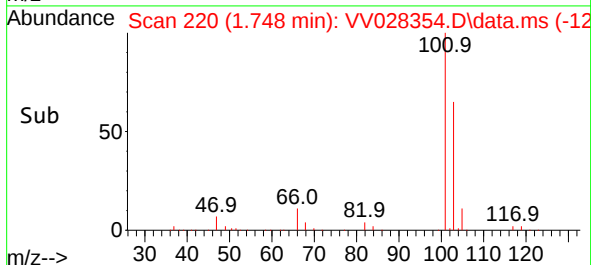
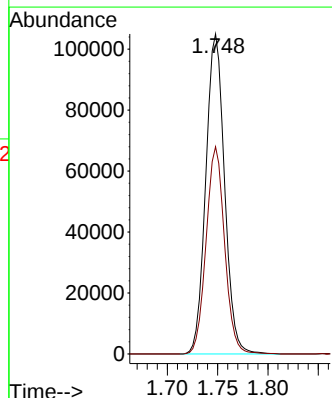
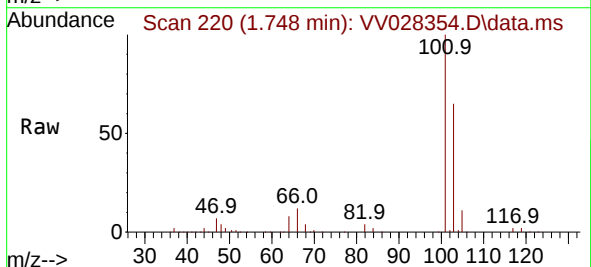
Instrument :
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EXFX9

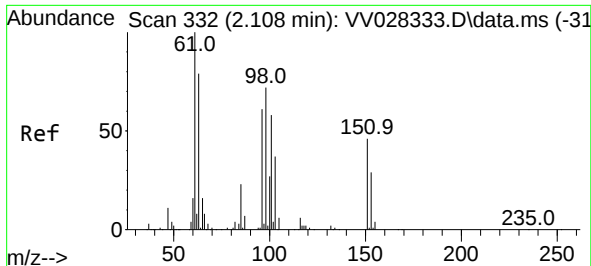
Tgt Ion: 64 Resp: 64842
Ion Ratio Lower Upper
64 100
66 26.6 23.0 42.8



#9
Trichlorofluoromethane
Concen: 5.284 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV028354.D
Acq: 05 Oct 2022 03:00

Tgt Ion:101 Resp: 136196
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.289 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV028354.D

Acq: 05 Oct 2022 03:00

Instrument :

MSVOA_V

ClientSampleId :

EXFX9

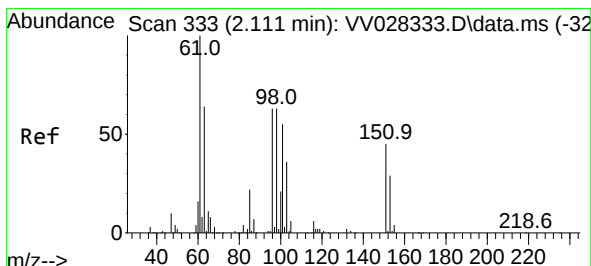
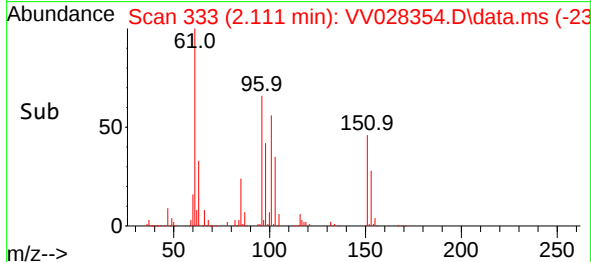
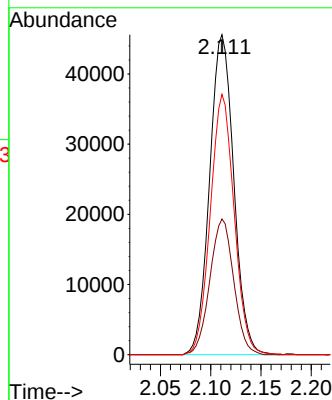
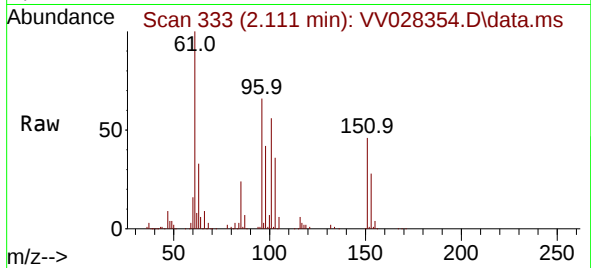
Tgt Ion:101 Resp: 76254

Ion Ratio Lower Upper

101 100

85 41.9 34.4 51.6

151 80.2 61.1 91.7



#12

1,1-Dichloroethene

Concen: 5.361 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV028354.D

Acq: 05 Oct 2022 03:00

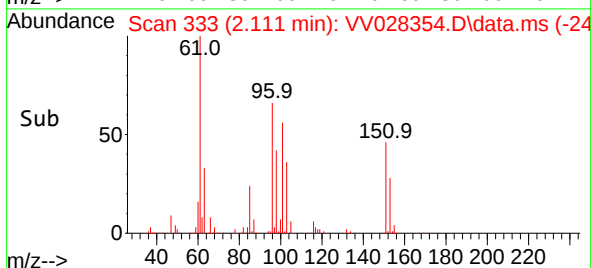
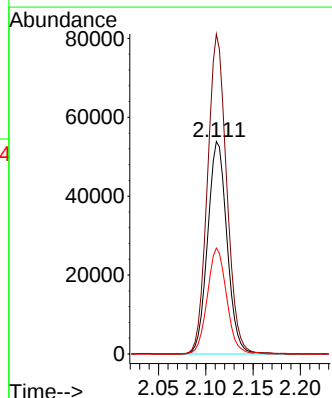
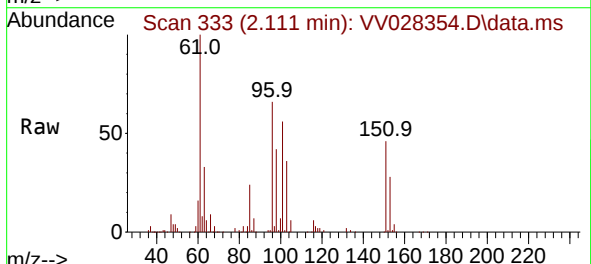
Tgt Ion: 96 Resp: 76856

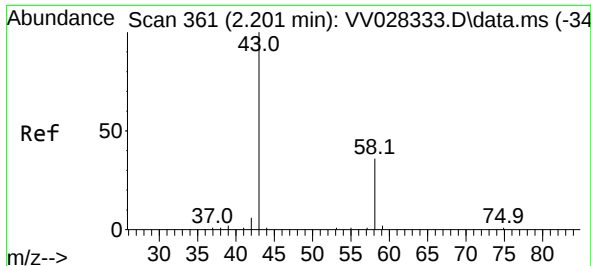
Ion Ratio Lower Upper

96 100

61 150.5 128.3 238.3

63 49.8 112.7 209.3#





#13

Acetone

Concen: 67.070 ug/L

RT: 2.195 min Scan# 31

Delta R.T. 0.020 min

Lab File: VV028354.D

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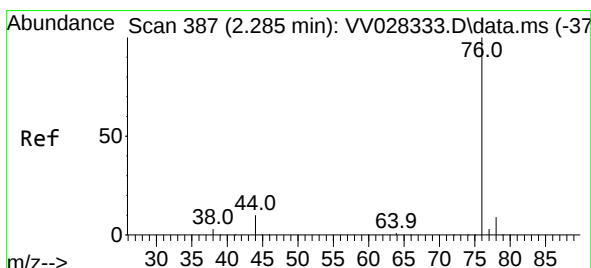
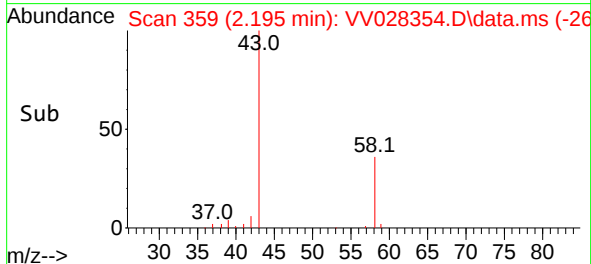
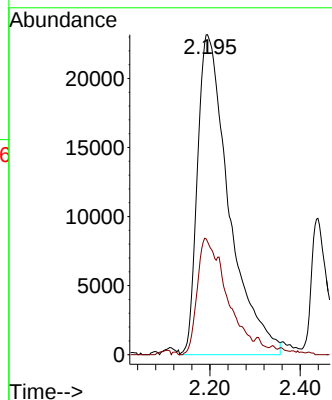
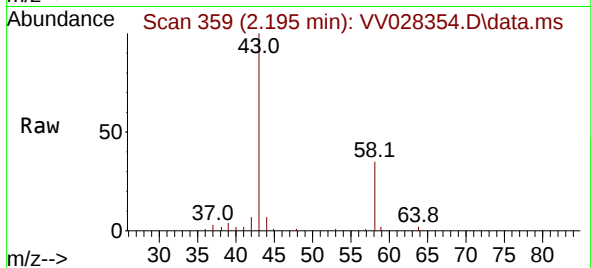
EXFX9

Tgt Ion: 43 Resp: 111905

Ion Ratio Lower Upper

43 100

58 19.8 0.0 65.6



#14

Carbon disulfide

Concen: 5.168 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV028354.D

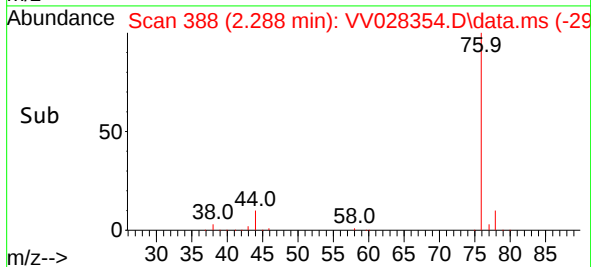
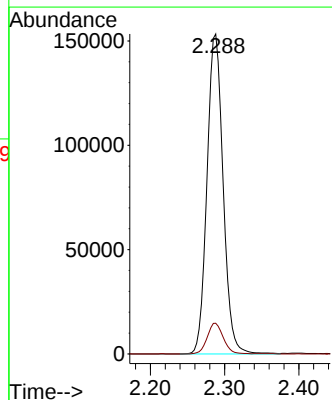
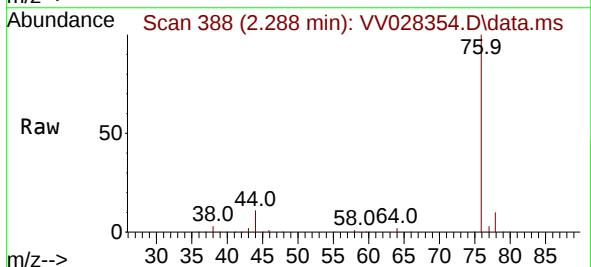
Acq: 05 Oct 2022 03:00

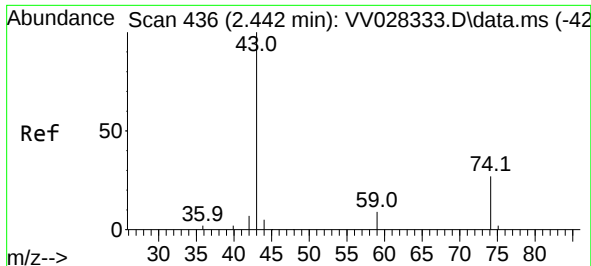
Tgt Ion: 76 Resp: 230826

Ion Ratio Lower Upper

76 100

78 9.6 7.6 11.4





#15

Methyl Acetate

Concen: 5.314 ug/L

RT: 2.439 min Scan# 41

Delta R.T. 0.007 min

Lab File: VV028354.D

Acq: 05 Oct 2022 03:00

Instrument :

MSVOA_V

ClientSampleId :

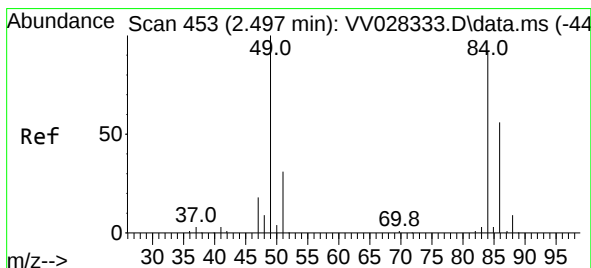
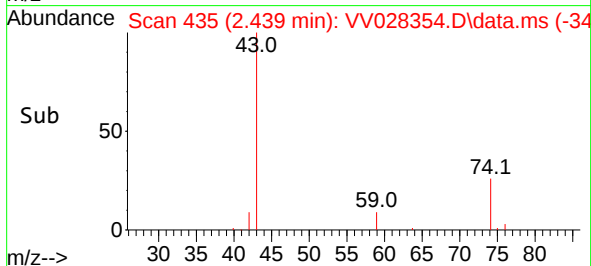
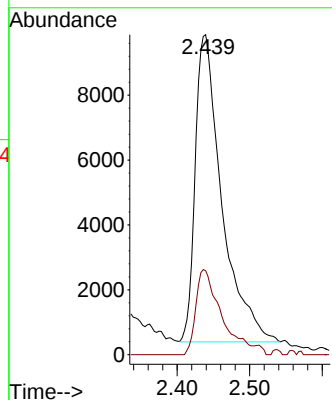
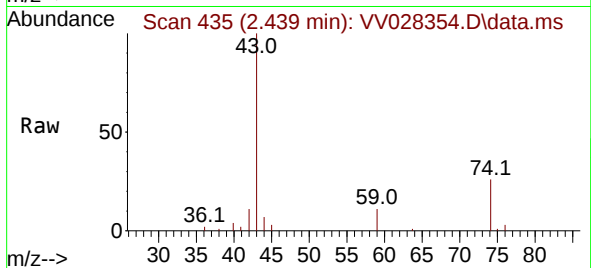
EXFX9

Tgt Ion: 43 Resp: 24132

Ion Ratio Lower Upper

43 100

74 26.4 16.9 25.3#



#16

Methylene chloride

Concen: 5.273 ug/L

RT: 2.500 min Scan# 454

Delta R.T. 0.000 min

Lab File: VV028354.D

Acq: 05 Oct 2022 03:00

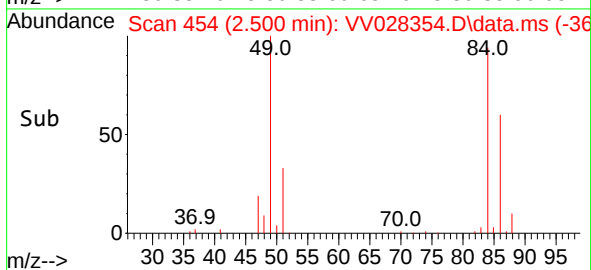
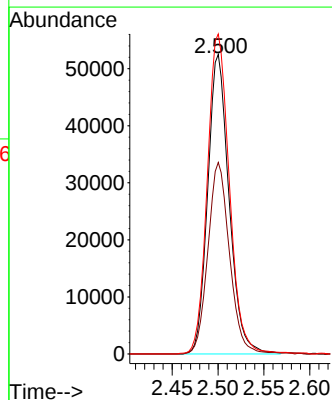
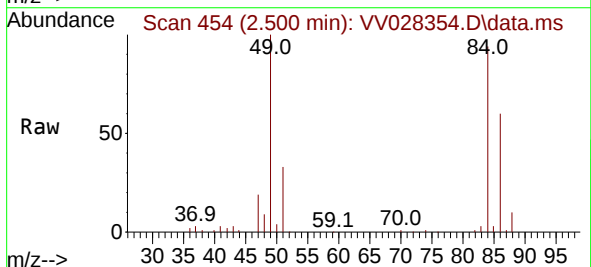
Tgt Ion: 84 Resp: 85093

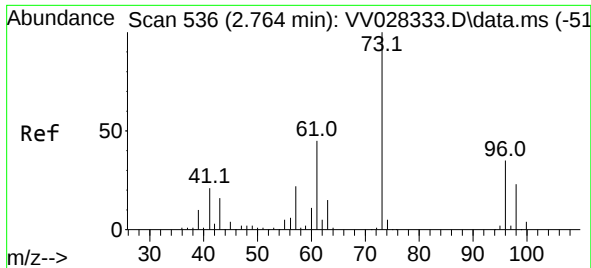
Ion Ratio Lower Upper

84 100

86 64.0 46.8 86.8

49 106.8 87.5 162.5

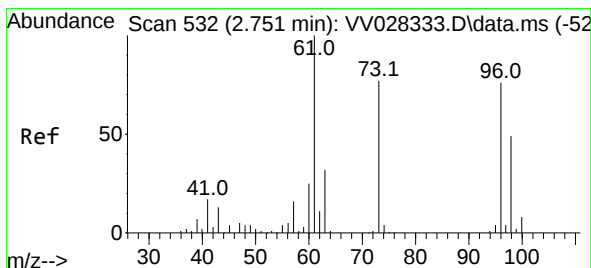
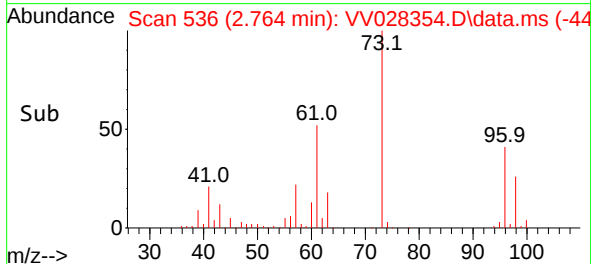
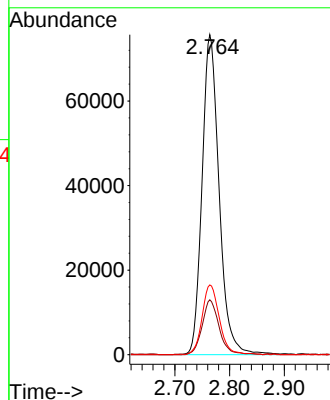
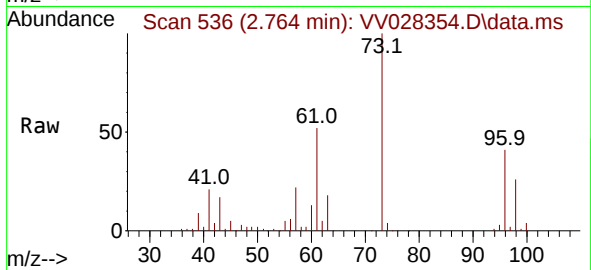




#17
Methyl tert-butyl Ether
Concen: 5.563 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028354.D
Acq: 05 Oct 2022 03:00

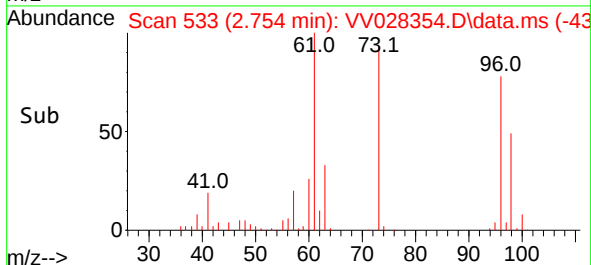
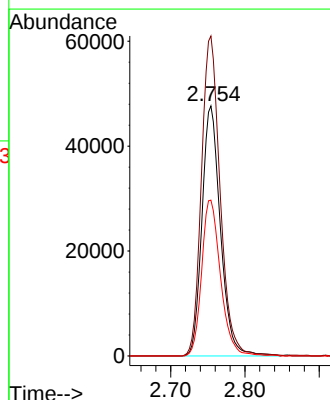
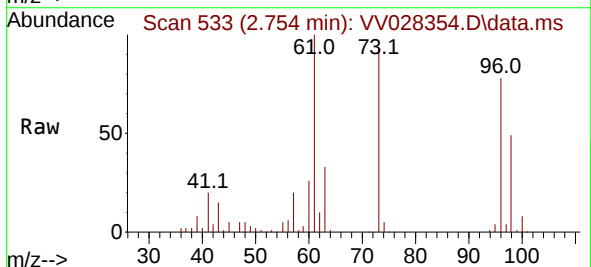
Instrument :
MSVOA_V
ClientSampleId :
EXFX9

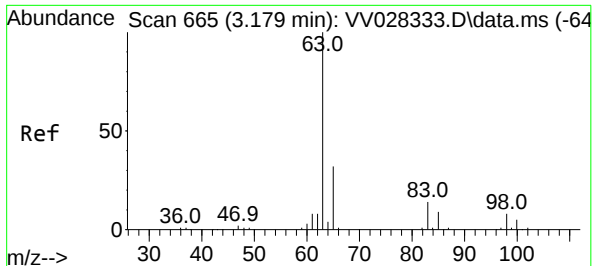
Tgt Ion: 73 Resp: 163756
Ion Ratio Lower Upper
73 100
43 17.2 15.7 23.5
57 22.0 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.519 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV028354.D
Acq: 05 Oct 2022 03:00

Tgt Ion: 96 Resp: 82417
Ion Ratio Lower Upper
96 100
61 127.9 96.2 178.6
98 62.3 45.7 84.9





#19

1,1-Dichloroethane

Concen: 5.874 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV028354.D

Acq: 05 Oct 2022 03:00

Instrument :

MSVOA_V

ClientSampleId :

EXFX9

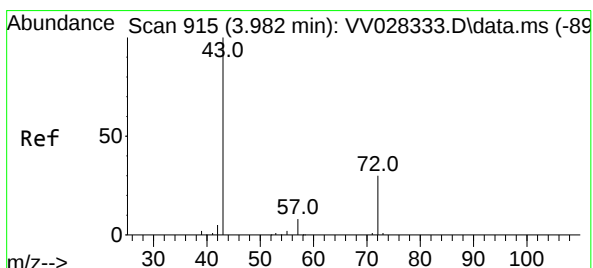
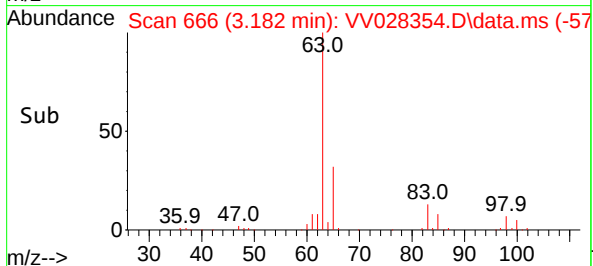
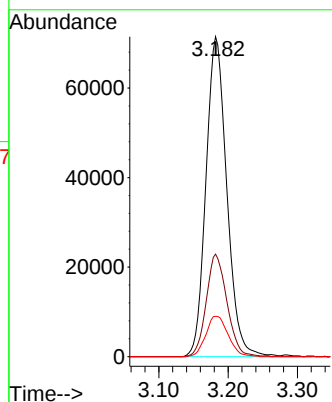
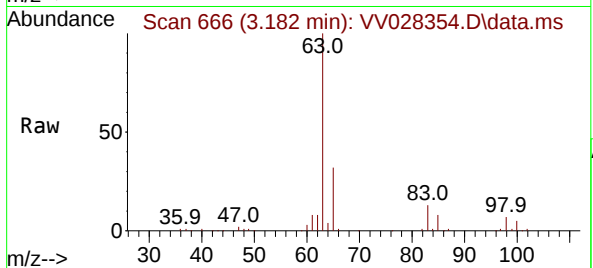
Tgt Ion: 63 Resp: 149380

Ion Ratio Lower Upper

63 100

65 32.0 23.0 42.8

83 12.6 9.2 17.2



#21

2-Butanone

Concen: 66.919 ug/L

RT: 3.982 min Scan# 915

Delta R.T. 0.013 min

Lab File: VV028354.D

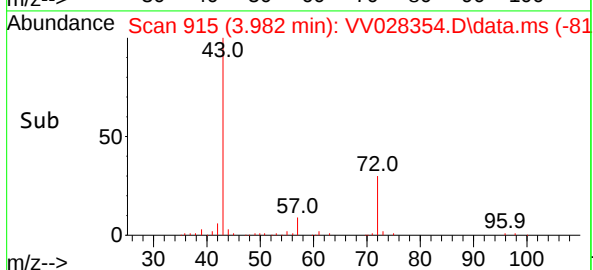
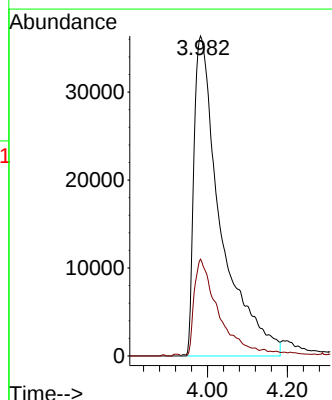
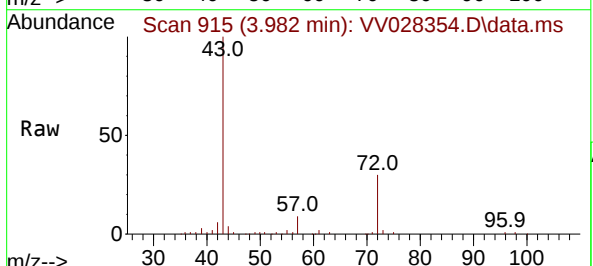
Acq: 05 Oct 2022 03:00

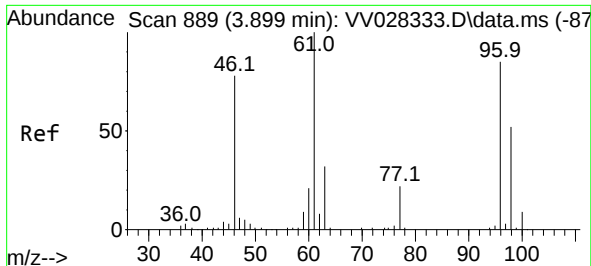
Tgt Ion: 43 Resp: 169500

Ion Ratio Lower Upper

43 100

72 27.2 12.7 38.1

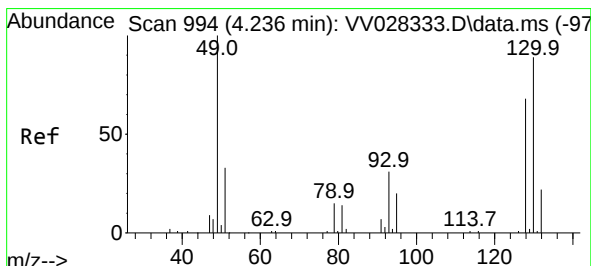
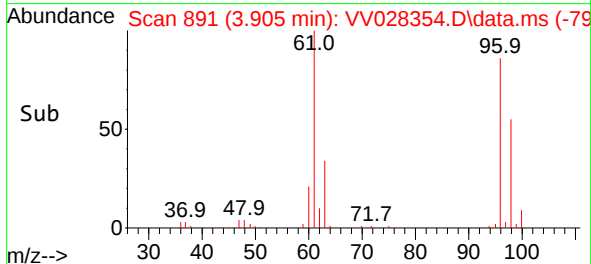
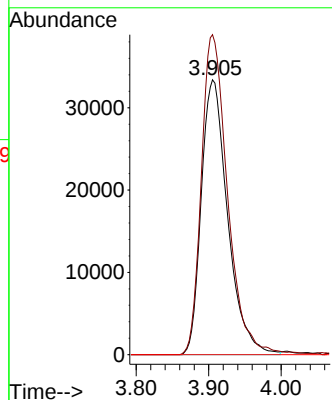
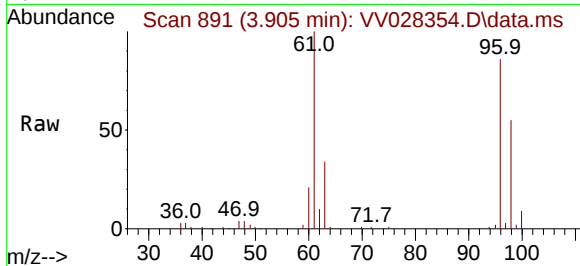




#22
 cis-1,2-Dichloroethene
 Concen: 5.615 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.000 min
 Lab File: VV028354.D
 Acq: 05 Oct 2022 03:00

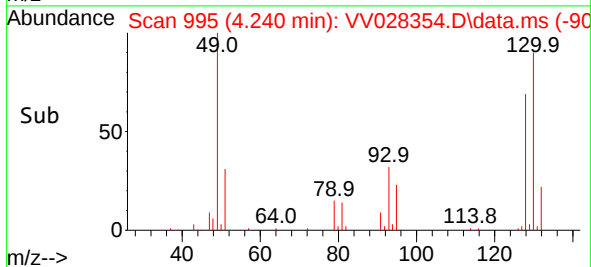
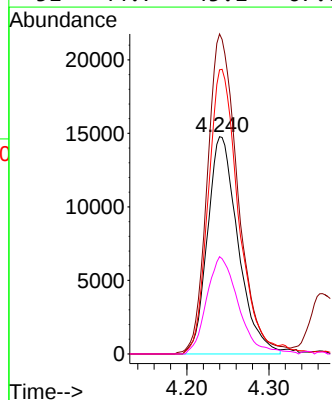
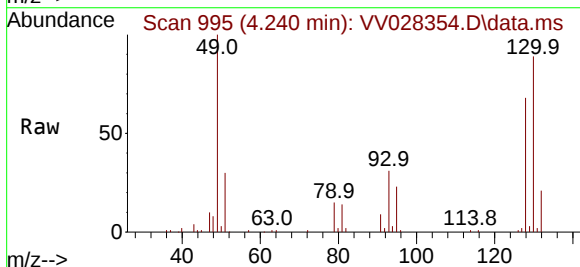
Instrument :
 MSVOA_V
 ClientSampleId :
 EXFX9

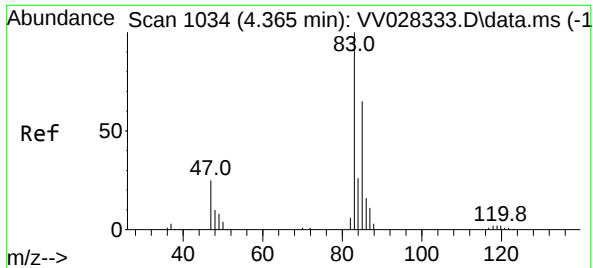
Tgt Ion: 96 Resp: 84442
 Ion Ratio Lower Upper
 96 100
 61 116.4 87.2 161.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.723 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VV028354.D
 Acq: 05 Oct 2022 03:00

Tgt Ion: 128 Resp: 38118
 Ion Ratio Lower Upper
 128 100
 49 147.3 119.9 222.7
 130 130.8 94.6 175.8
 51 44.7 45.1 67.7#





#25

Chloroform

Concen: 5.438 ug/L

RT: 4.368 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VV028354.D

Acq: 05 Oct 2022 03:00

Instrument :

MSVOA_V

ClientSampleId :

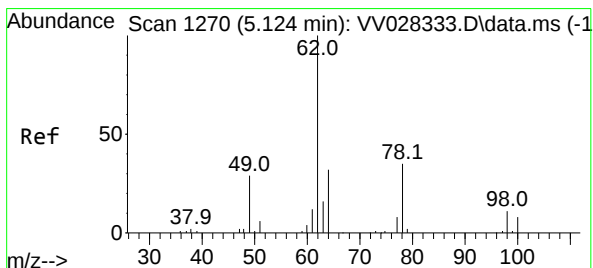
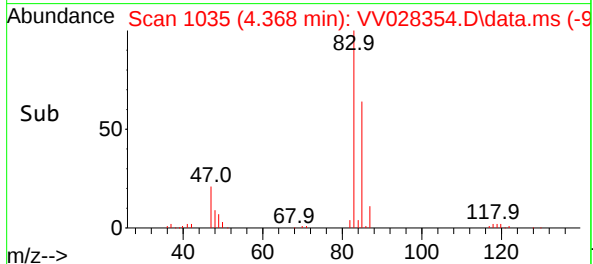
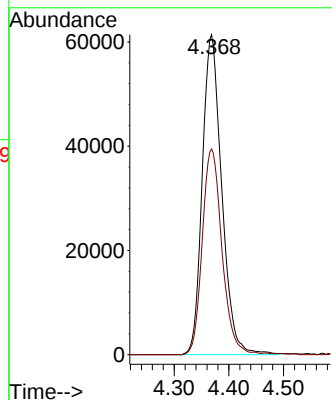
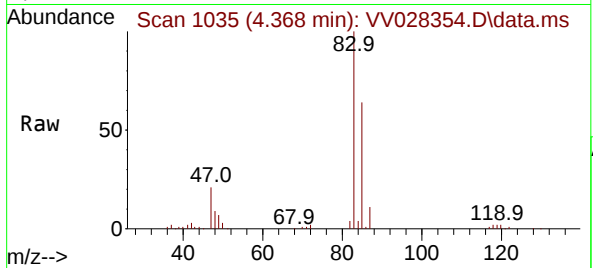
EXFX9

Tgt Ion: 83 Resp: 151674

Ion Ratio Lower Upper

83 100

85 64.3 45.1 83.7



#27

1,2-Dichloroethane

Concen: 5.599 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV028354.D

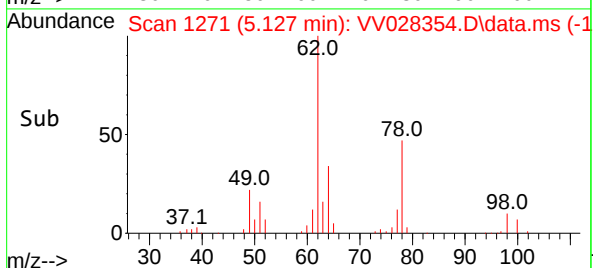
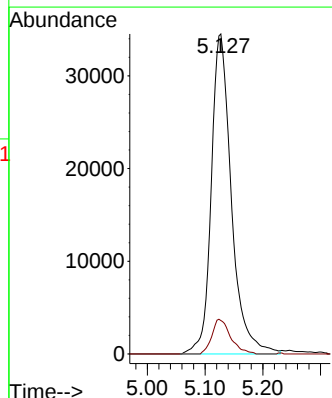
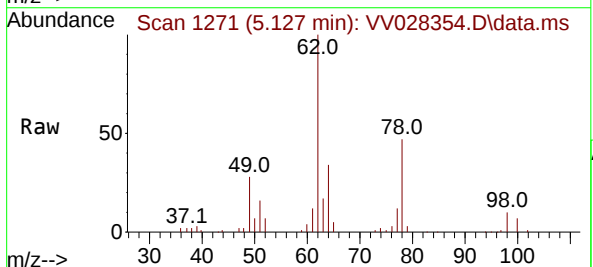
Acq: 05 Oct 2022 03:00

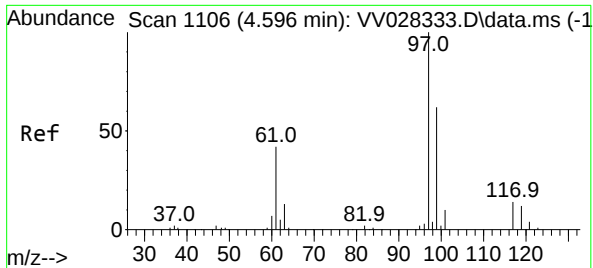
Tgt Ion: 62 Resp: 83656

Ion Ratio Lower Upper

62 100

98 10.4 6.7 10.1#





#29

1,1,1-Trichloroethane

Concen: 5.452 ug/L

RT: 4.600 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VV028354.D

Acq: 05 Oct 2022 03:00

Instrument :

MSVOA_V

ClientSampleId :

EXFX9

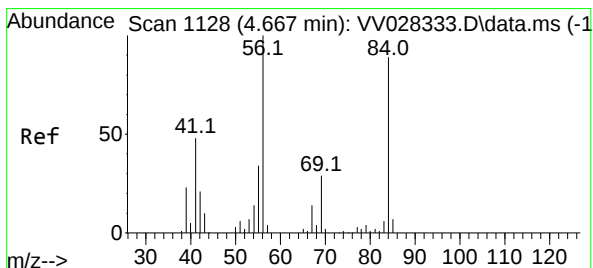
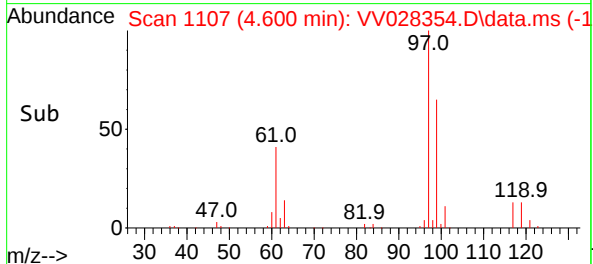
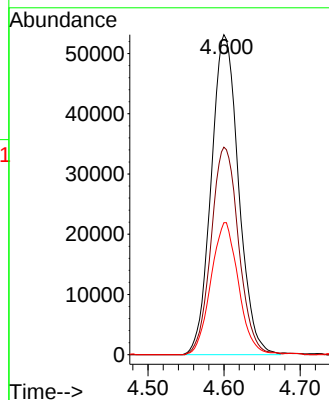
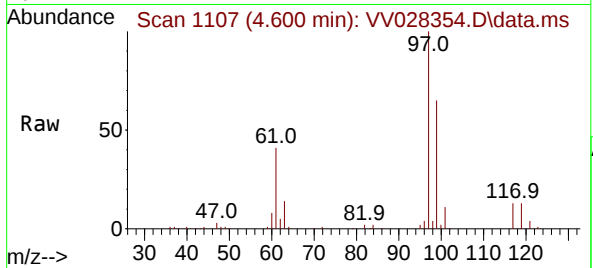
Tgt Ion: 97 Resp: 132938

Ion Ratio Lower Upper

97 100

99 65.2 51.9 77.9

61 41.8 34.8 52.2



#30

Cyclohexane

Concen: 5.497 ug/L

RT: 4.671 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV028354.D

Acq: 05 Oct 2022 03:00

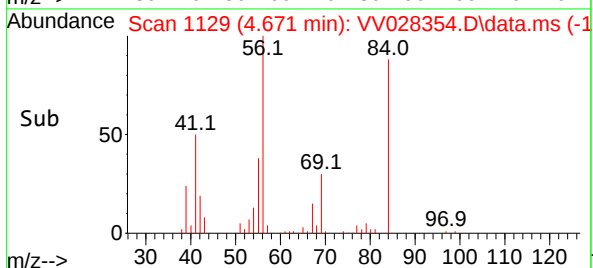
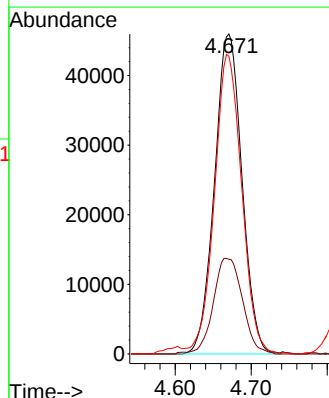
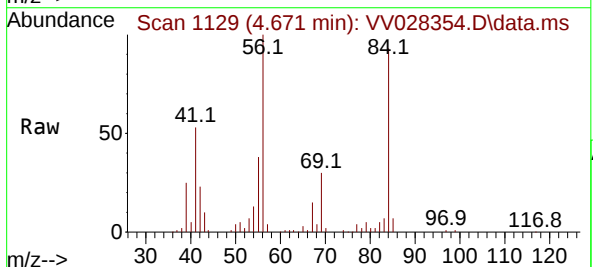
Tgt Ion: 56 Resp: 115490

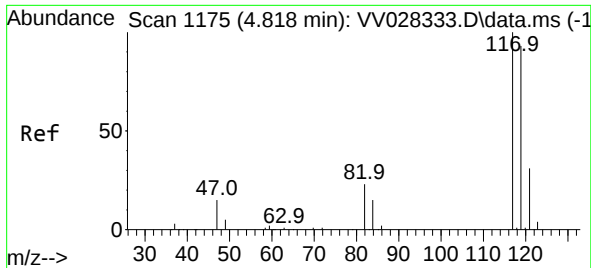
Ion Ratio Lower Upper

56 100

69 31.7 23.7 35.5

84 92.9 67.3 100.9

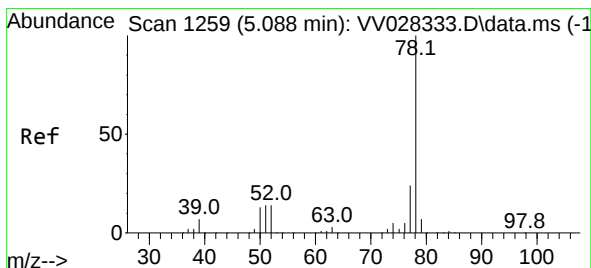
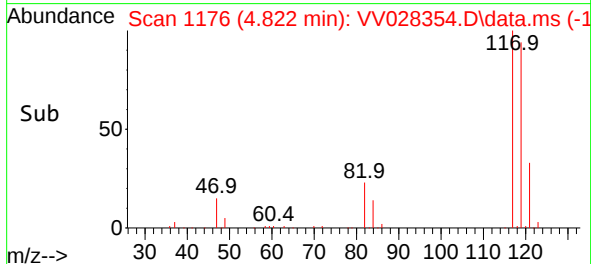
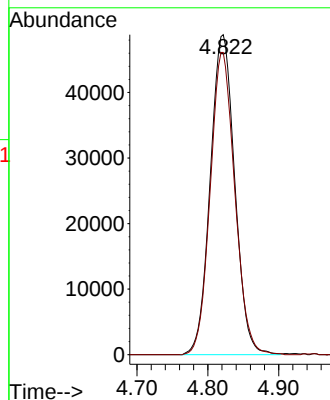
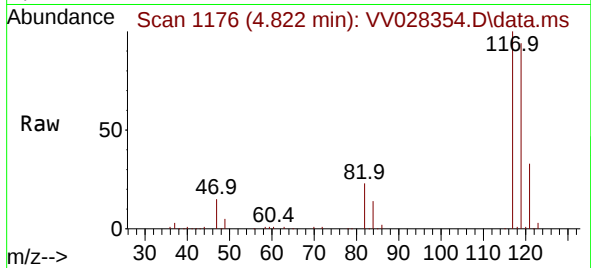




#31
Carbon tetrachloride
Concen: 5.352 ug/L
RT: 4.822 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV028354.D
Acq: 05 Oct 2022 03:00

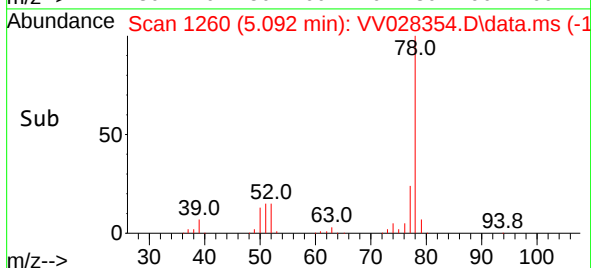
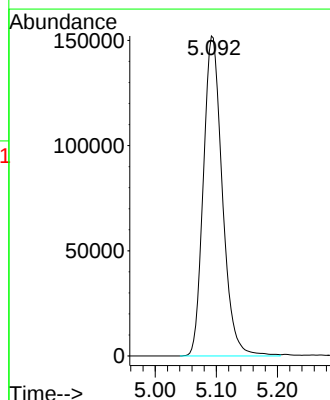
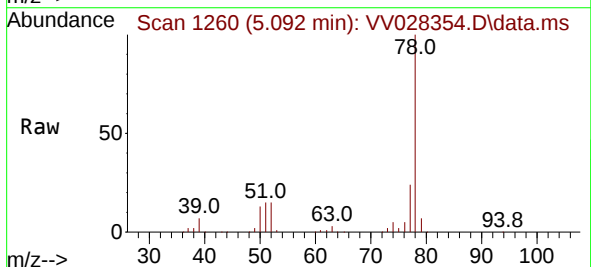
Instrument :
MSVOA_V
ClientSampleId :
EXFX9

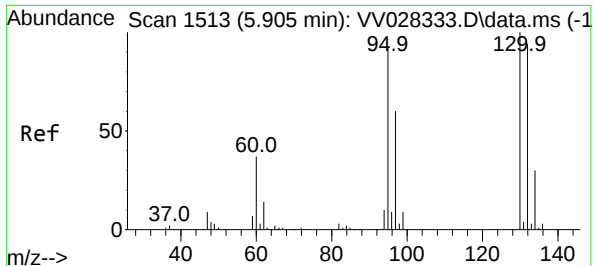
Tgt Ion:117 Resp: 117066
Ion Ratio Lower Upper
117 100
119 94.8 76.9 115.3



#33
Benzene
Concen: 5.571 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VV028354.D
Acq: 05 Oct 2022 03:00

Tgt Ion: 78 Resp: 327809





#34

Trichloroethene

Concen: 5.716 ug/L

RT: 5.908 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VV028354.D

Acq: 05 Oct 2022 03:00

Instrument :

MSVOA_V

ClientSampleId :

EXFX9

Tgt Ion: 95 Resp: 84212

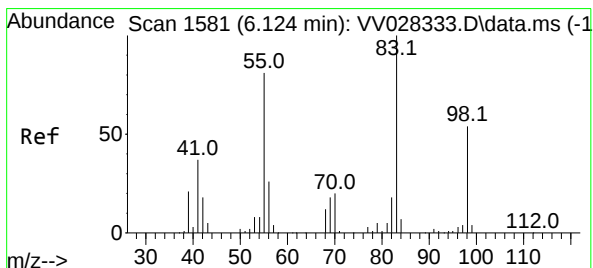
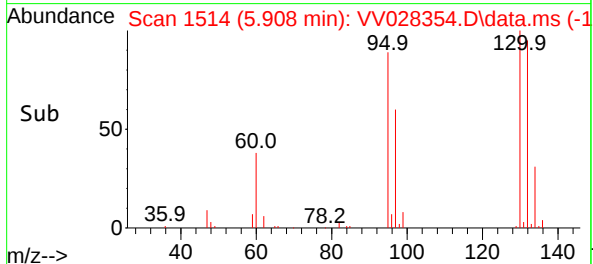
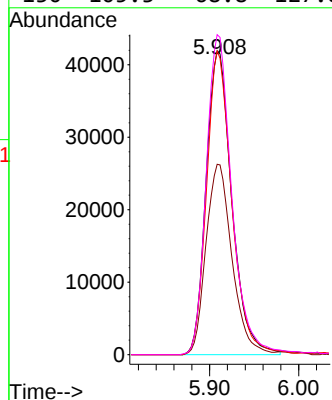
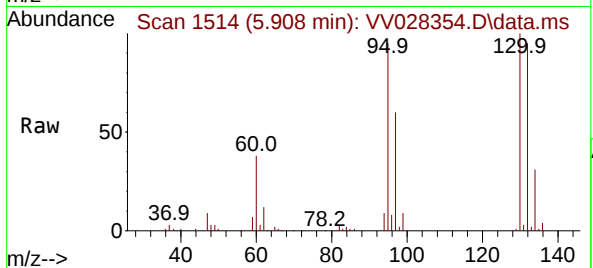
Ion Ratio Lower Upper

95 100

97 62.7 44.2 82.0

132 99.9 67.8 126.0

130 105.3 68.8 127.8



#35

Methylcyclohexane

Concen: 5.287 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. 0.000 min

Lab File: VV028354.D

Acq: 05 Oct 2022 03:00

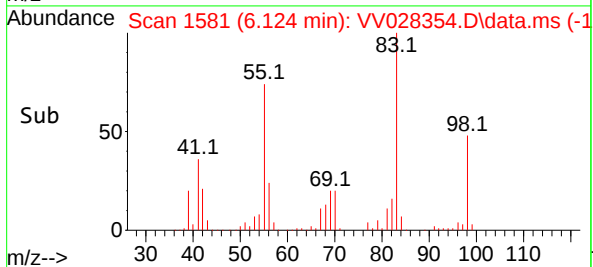
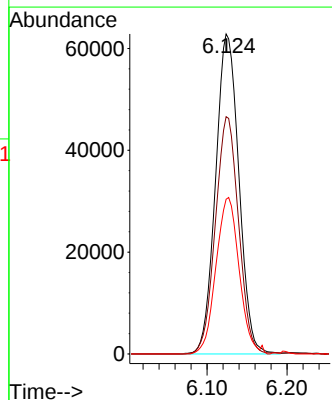
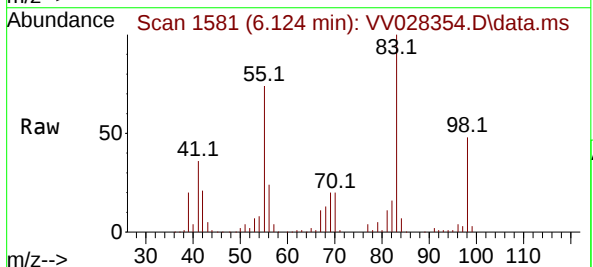
Tgt Ion: 83 Resp: 127167

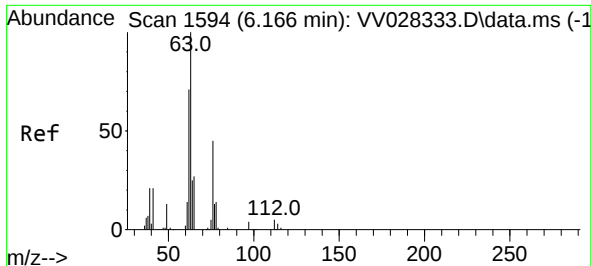
Ion Ratio Lower Upper

83 100

55 73.7 64.7 97.1

98 48.8 39.5 59.3





#37

1,2-Dichloropropane

Concen: 6.227 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV028354.D

Acq: 05 Oct 2022 03:00

Instrument :

MSVOA_V

ClientSampleId :

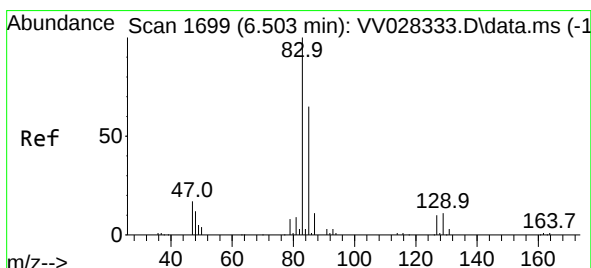
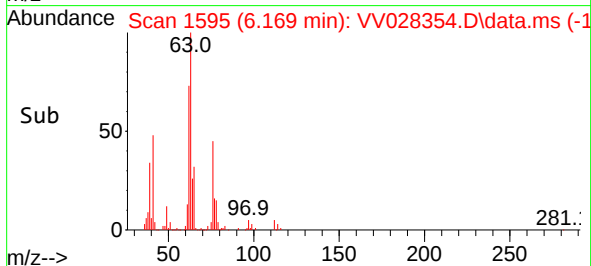
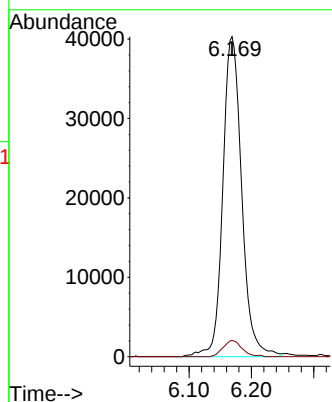
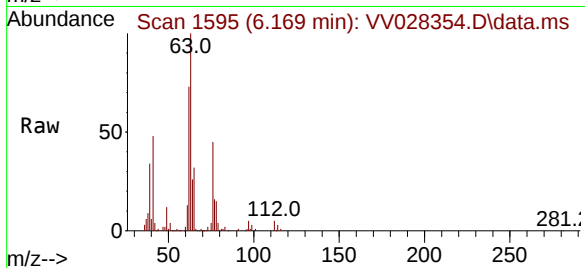
EXFX9

Tgt Ion: 63 Resp: 84862

Ion Ratio Lower Upper

63 100

112 5.0 3.5 5.3



#38

Bromodichloromethane

Concen: 5.439 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV028354.D

Acq: 05 Oct 2022 03:00

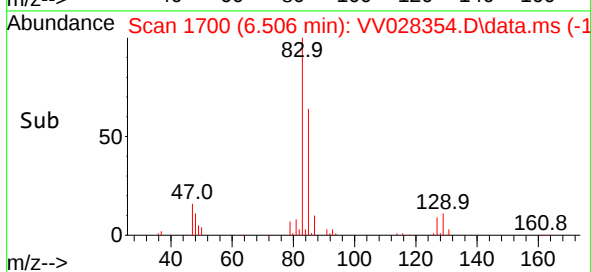
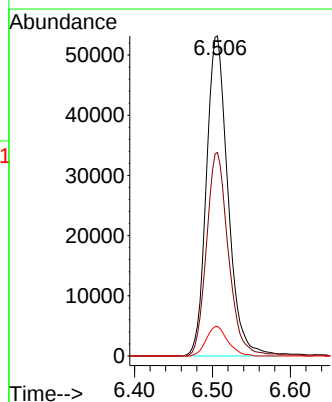
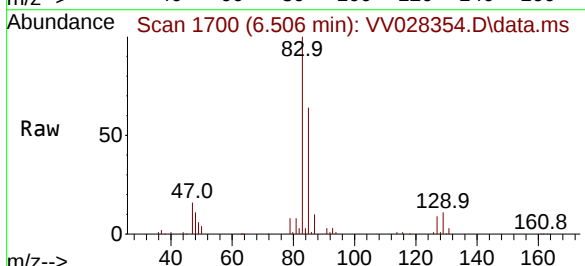
Tgt Ion: 83 Resp: 102232

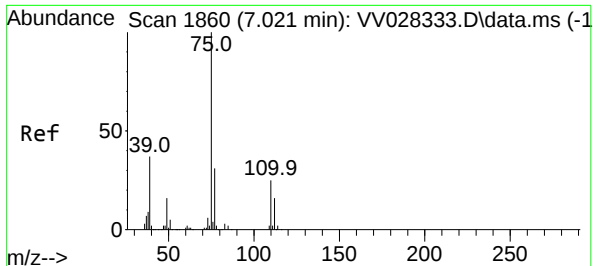
Ion Ratio Lower Upper

83 100

85 63.6 43.8 81.4

127 9.2 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.009 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV028354.D

Acq: 05 Oct 2022 03:00

Instrument :

MSVOA_V

ClientSampleId :

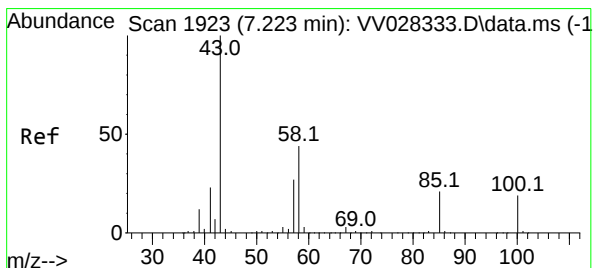
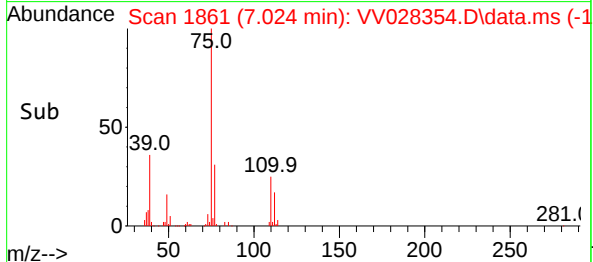
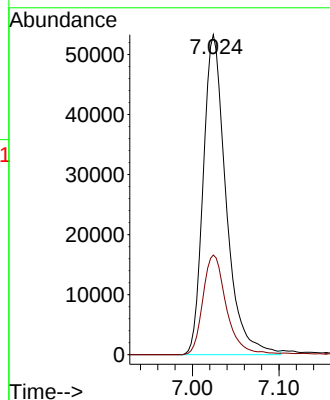
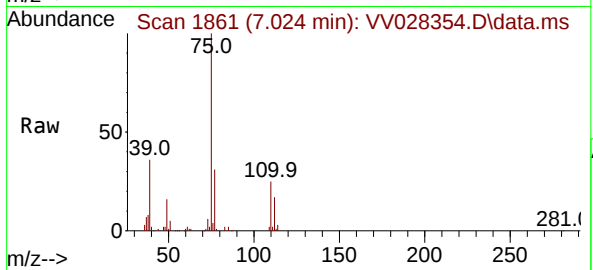
EXFX9

Tgt Ion: 75 Resp: 97449

Ion Ratio Lower Upper

75 100

77 31.1 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 62.884 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV028354.D

Acq: 05 Oct 2022 03:00

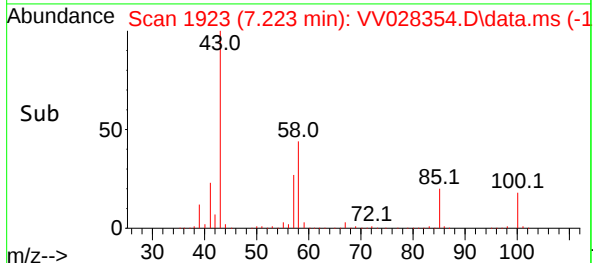
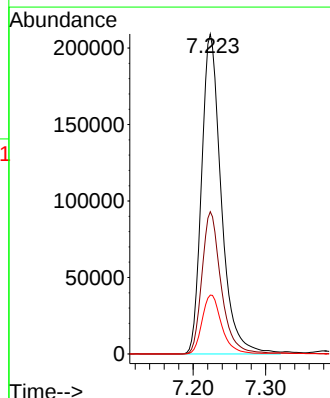
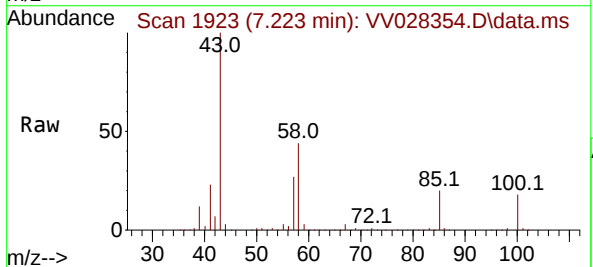
Tgt Ion: 43 Resp: 393747

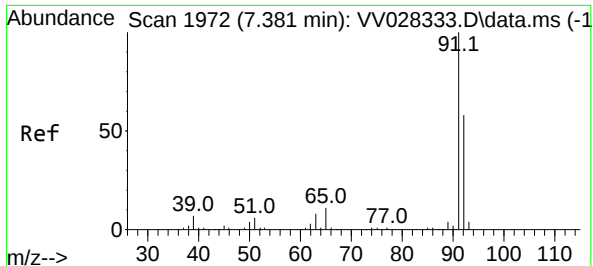
Ion Ratio Lower Upper

43 100

58 43.7 32.2 48.4

100 18.4 12.7 19.1





#42

Toluene

Concen: 5.790 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VV028354.D

Acq: 05 Oct 2022 03:00

Instrument :

MSVOA_V

ClientSampleId :

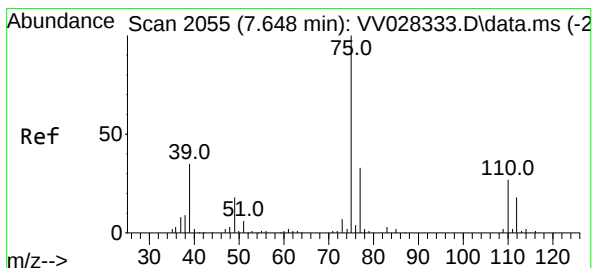
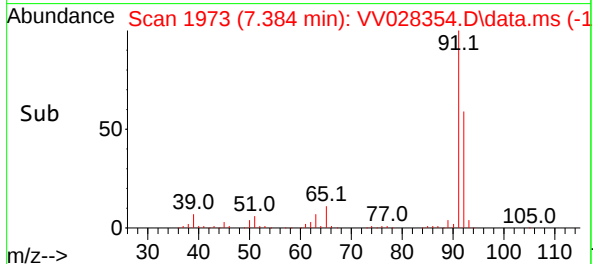
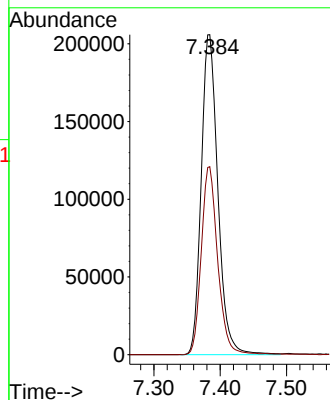
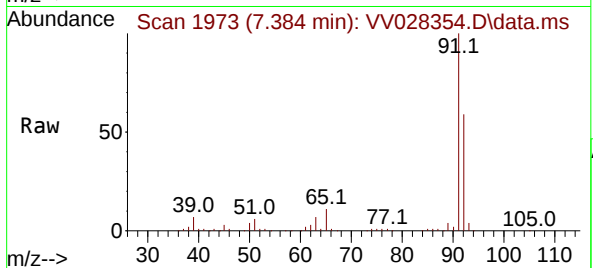
EXFX9

Tgt Ion: 91 Resp: 358532

Ion Ratio Lower Upper

91 100

92 58.7 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.019 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV028354.D

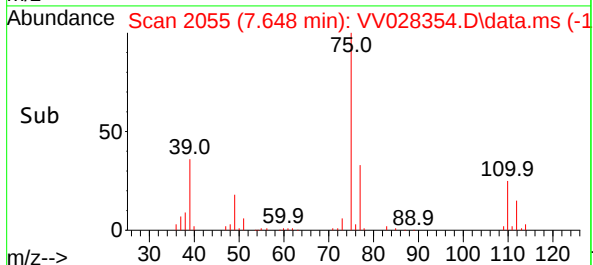
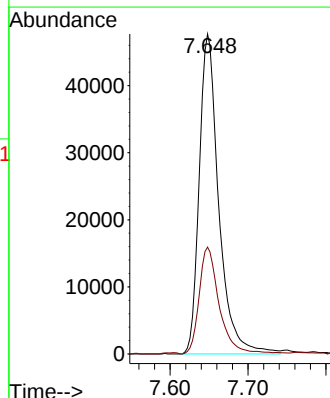
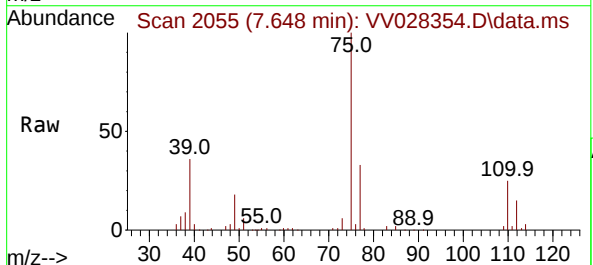
Acq: 05 Oct 2022 03:00

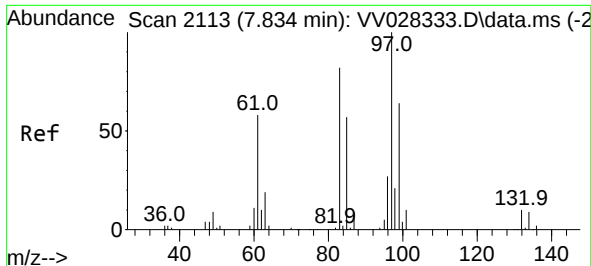
Tgt Ion: 75 Resp: 82947

Ion Ratio Lower Upper

75 100

77 33.4 23.9 44.3

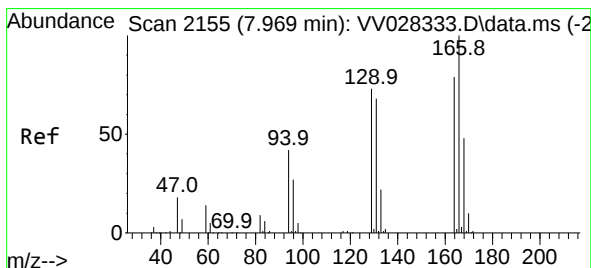
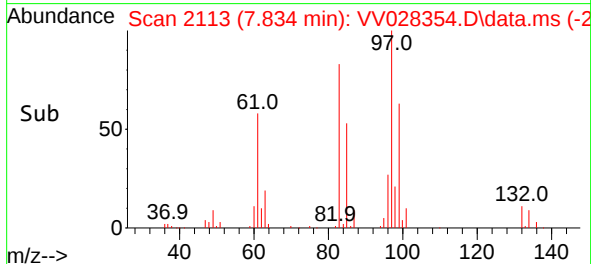
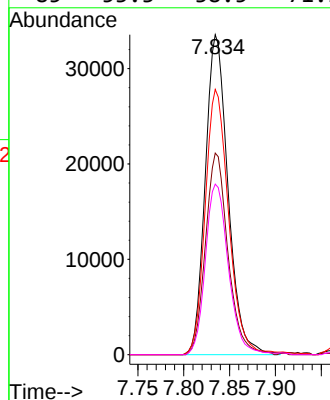
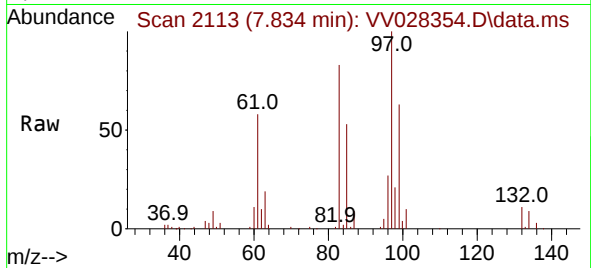




#45
1,1,2-Trichloroethane
Concen: 5.740 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VV028354.D
Acq: 05 Oct 2022 03:00

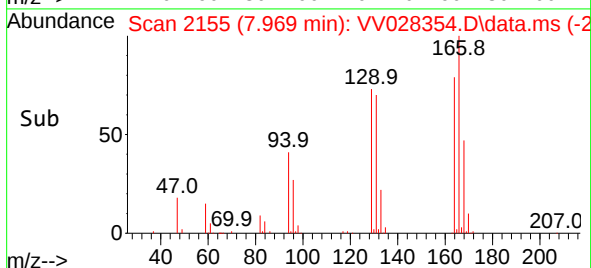
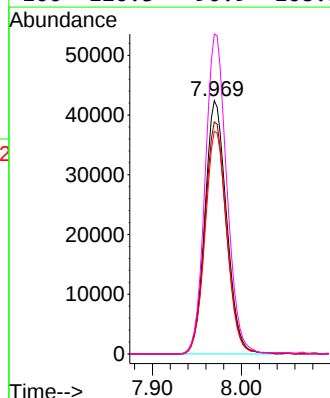
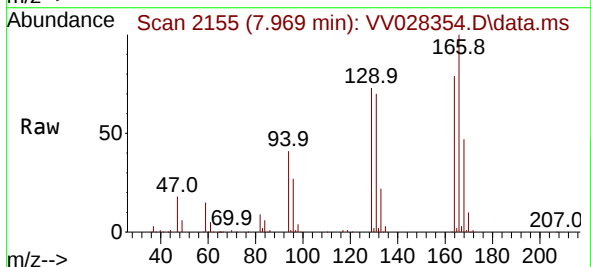
Instrument :
MSVOA_V
ClientSampleId :
EXFX9

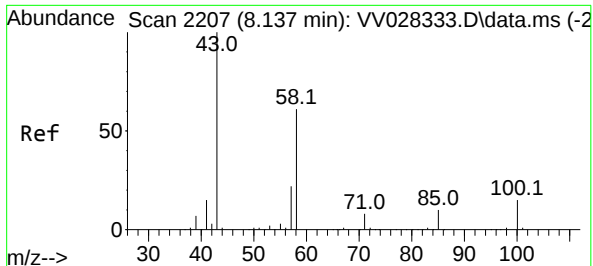
Tgt Ion:	97	Resp:	58016
Ion	Ratio	Lower	Upper
97	100		
99	63.0	43.2	80.2
83	82.9	59.1	109.9
85	53.3	38.5	71.5



#47
Tetrachloroethene
Concen: 5.575 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV028354.D
Acq: 05 Oct 2022 03:00

Tgt Ion:	164	Resp:	71793
Ion	Ratio	Lower	Upper
164	100		
129	91.6	66.7	123.9
131	87.9	61.7	114.5
166	126.3	90.9	168.9



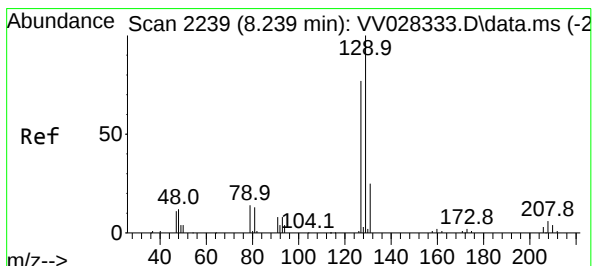
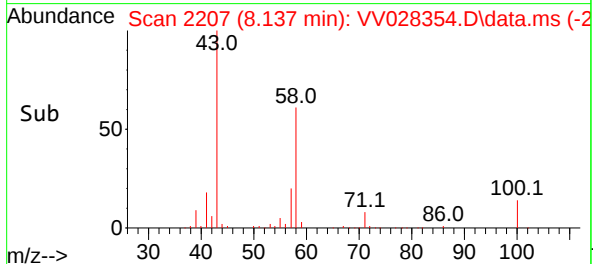
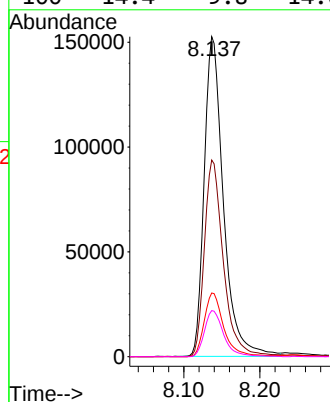
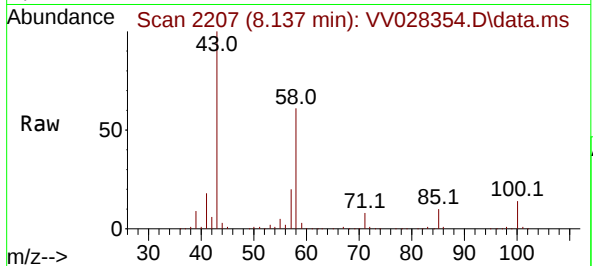


#48
2-Hexanone
Concen: 61.259 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.001 min
Lab File: VV028354.D
Acq: 05 Oct 2022 03:00

Instrument :
MSVOA_V
ClientSampleId :
EXFX9

Tgt Ion: 43 Resp: 268650

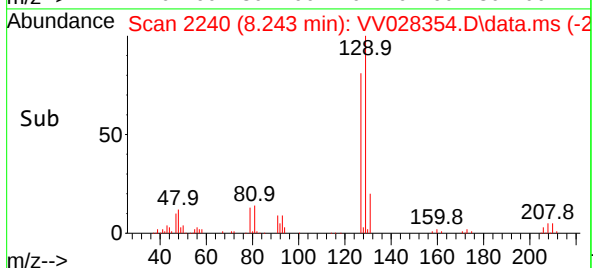
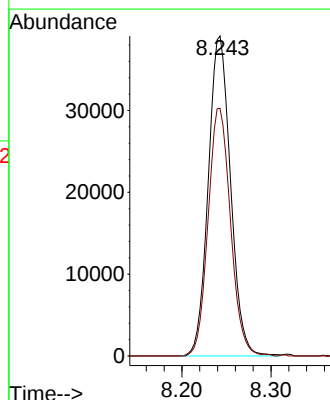
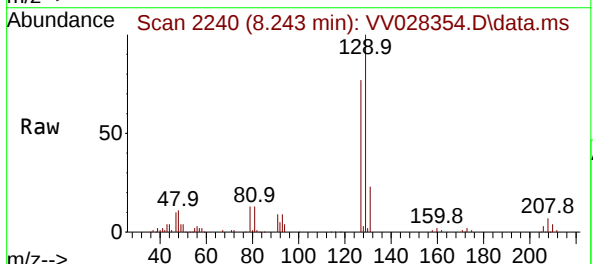
Ion	Ratio	Lower	Upper
43	100		
58	60.9	45.7	68.5
57	20.2	15.5	23.3
100	14.4	9.8	14.6

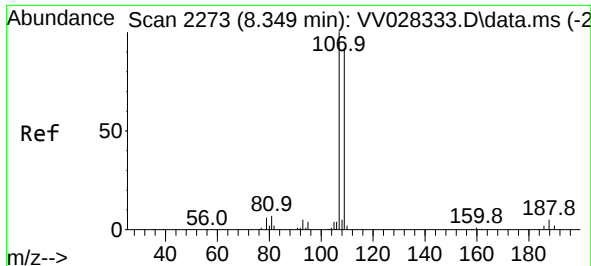


#49
Dibromochloromethane
Concen: 5.311 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV028354.D
Acq: 05 Oct 2022 03:00

Tgt Ion: 129 Resp: 67943

Ion	Ratio	Lower	Upper
129	100		
127	77.4	54.3	100.9





#50

1,2-Dibromoethane

Concen: 5.727 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV028354.D

Acq: 05 Oct 2022 03:00

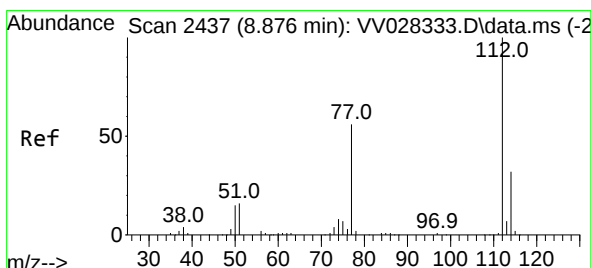
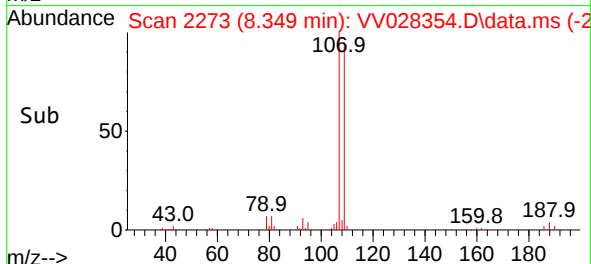
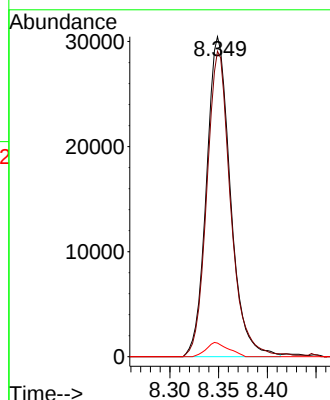
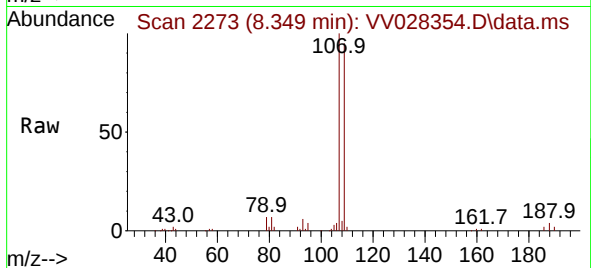
Instrument :

MSVOA_V

ClientSampleId :

EXFX9

Tgt Ion:	107	Resp:	52095
Ion	Ratio	Lower	Upper
107	100		
109	95.4	65.9	122.5
188	4.3	3.4	5.0



#51

Chlorobenzene

Concen: 5.670 ug/L

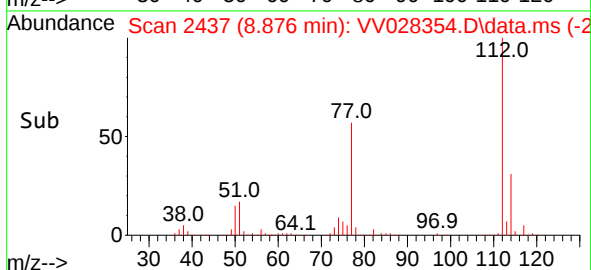
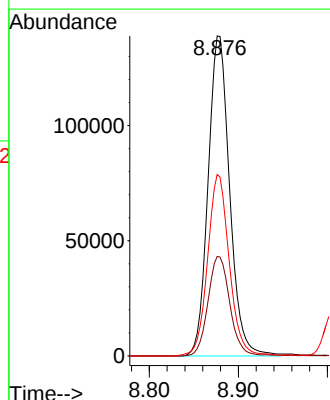
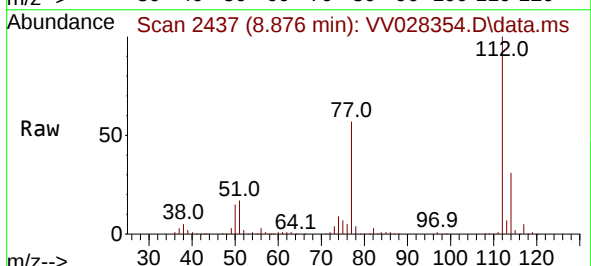
RT: 8.876 min Scan# 2437

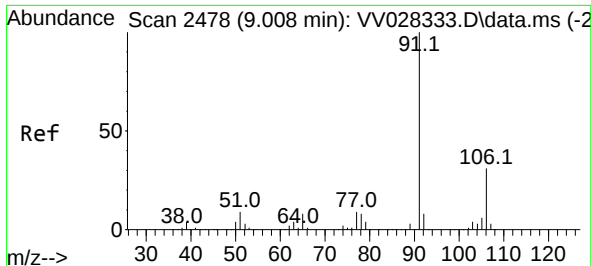
Delta R.T. -0.003 min

Lab File: VV028354.D

Acq: 05 Oct 2022 03:00

Tgt Ion:	112	Resp:	233502
Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.5	41.7
77	56.7	46.1	69.1

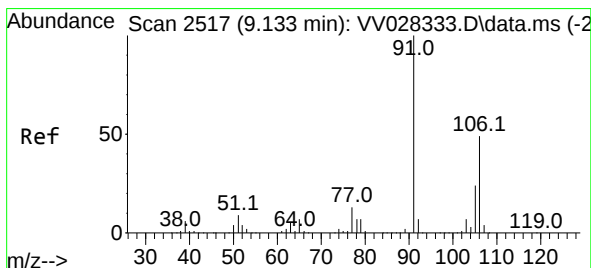
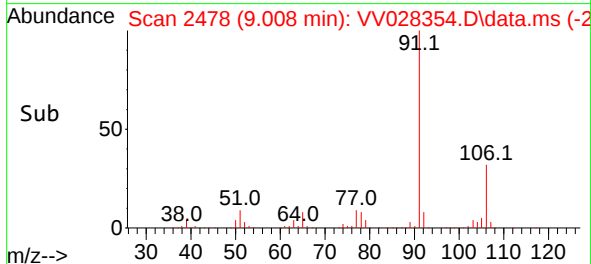
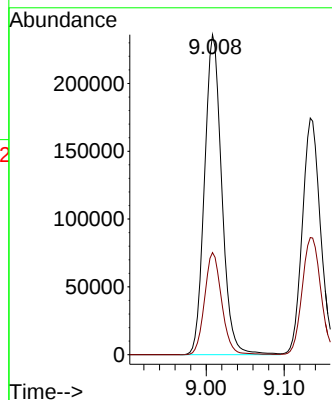
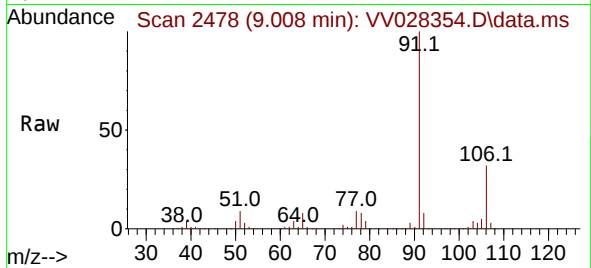




#52
Ethylbenzene
Concen: 5.583 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV028354.D
Acq: 05 Oct 2022 03:00

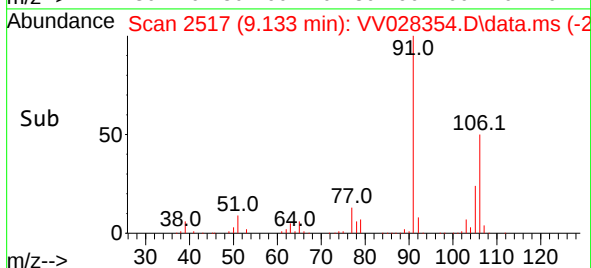
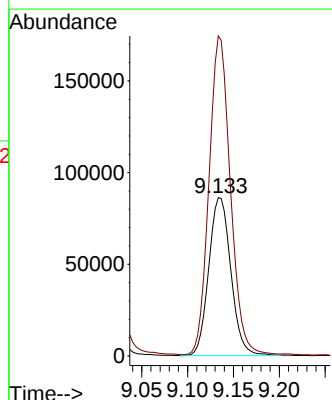
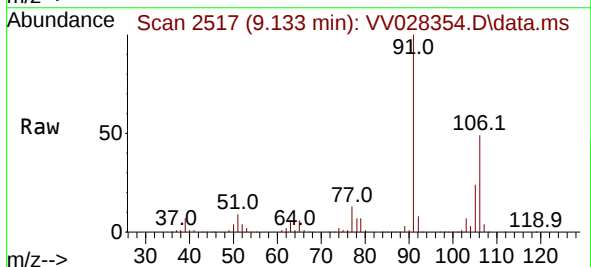
Instrument :
MSVOA_V
ClientSampleId :
EXFX9

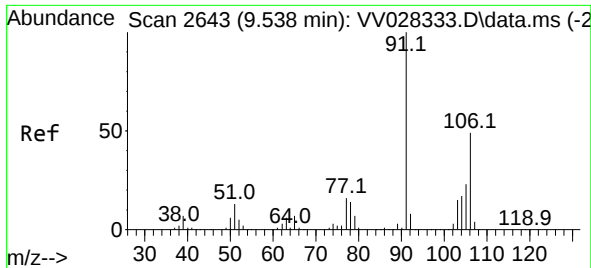
Tgt Ion: 91 Resp: 363290
Ion Ratio Lower Upper
91 100
106 31.9 21.5 39.9



#53
m,p-Xylene
Concen: 5.570 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.000 min
Lab File: VV028354.D
Acq: 05 Oct 2022 03:00

Tgt Ion: 106 Resp: 144486
Ion Ratio Lower Upper
106 100
91 202.1 141.9 263.5

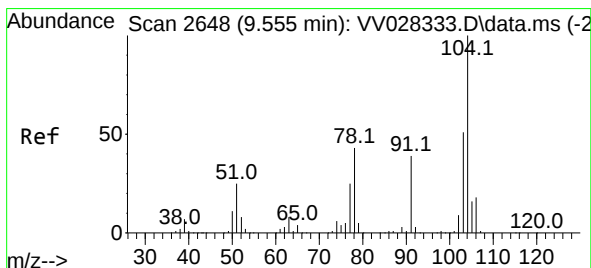
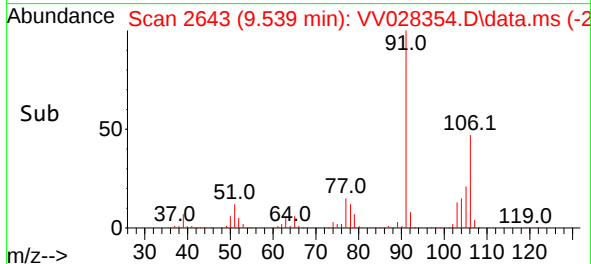
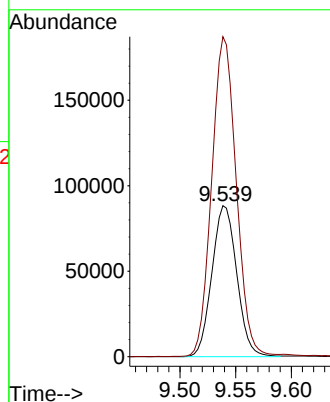
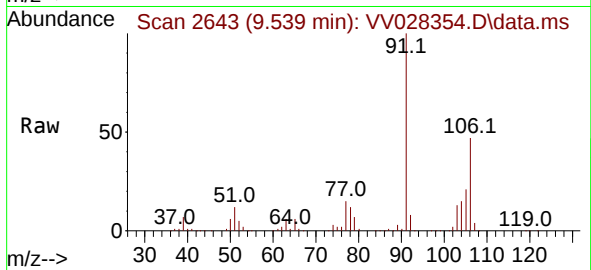




#54
o-Xylene
Concen: 5.587 ug/L
RT: 9.539 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV028354.D
Acq: 05 Oct 2022 03:00

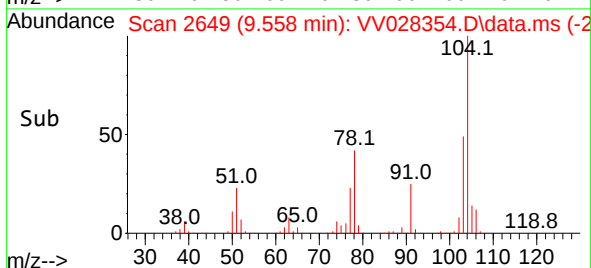
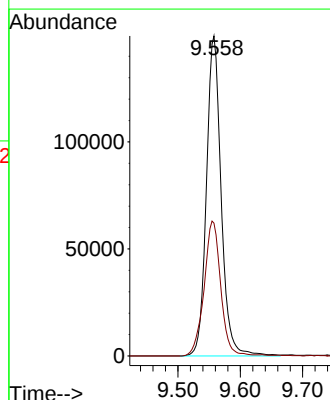
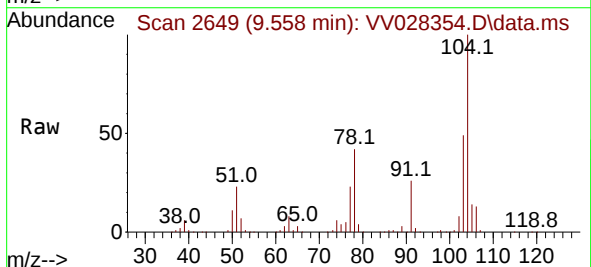
Instrument :
MSVOA_V
ClientSampleId :
EXFX9

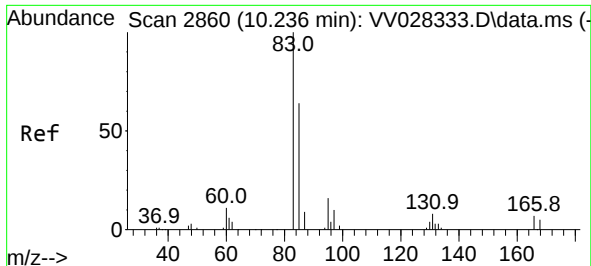
Tgt Ion:106 Resp: 137074
Ion Ratio Lower Upper
106 100
91 211.8 148.1 275.0



#55
Styrene
Concen: 5.843 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV028354.D
Acq: 05 Oct 2022 03:00

Tgt Ion:104 Resp: 246351
Ion Ratio Lower Upper
104 100
78 41.5 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.791 ug/L

RT: 10.236 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV028354.D

Acq: 05 Oct 2022 03:00

Instrument :

MSVOA_V

ClientSampleId :

EXFX9

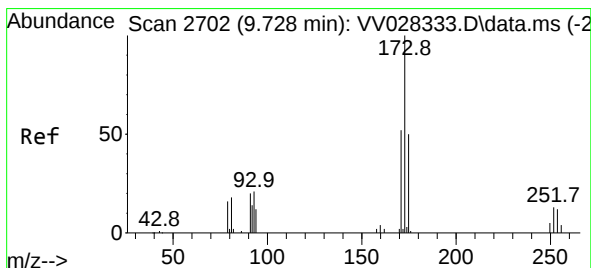
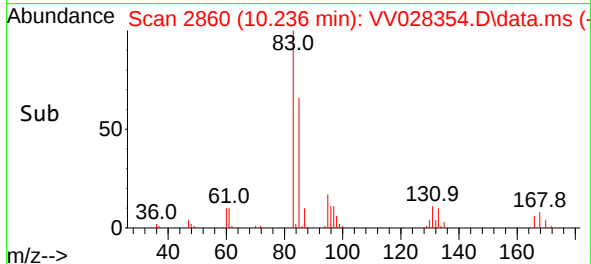
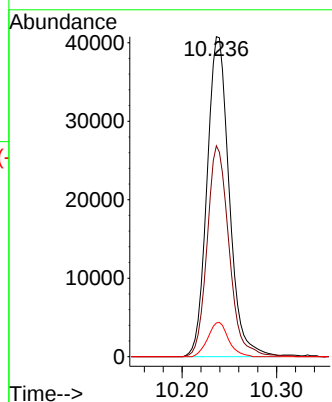
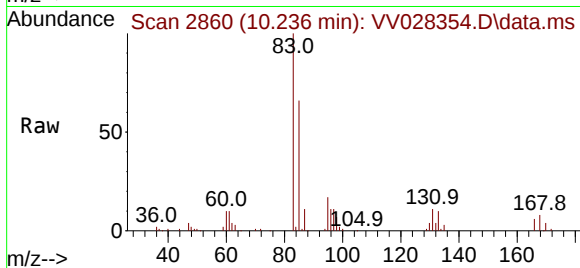
Tgt Ion: 83 Resp: 66424

Ion Ratio Lower Upper

83 100

85 65.9 45.2 84.0

131 10.5 7.8 11.8



#59

Bromoform

Concen: 5.115 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. 0.000 min

Lab File: VV028354.D

Acq: 05 Oct 2022 03:00

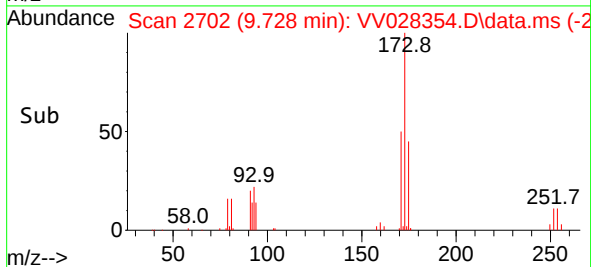
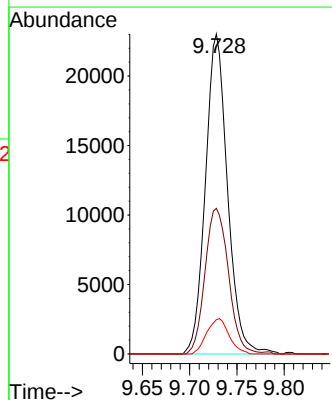
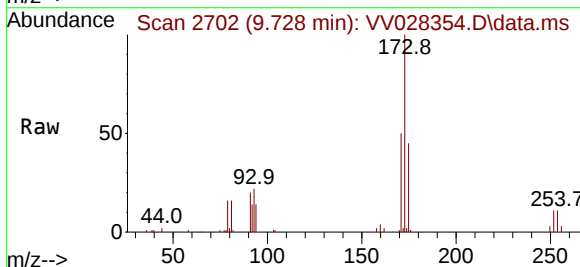
Tgt Ion: 173 Resp: 37433

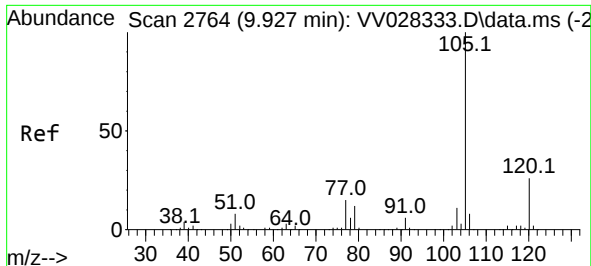
Ion Ratio Lower Upper

173 100

175 48.3 39.0 58.4

254 11.1 8.7 13.1

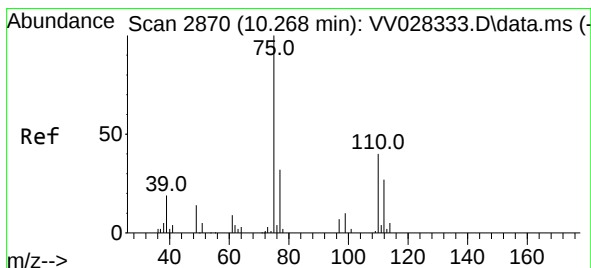
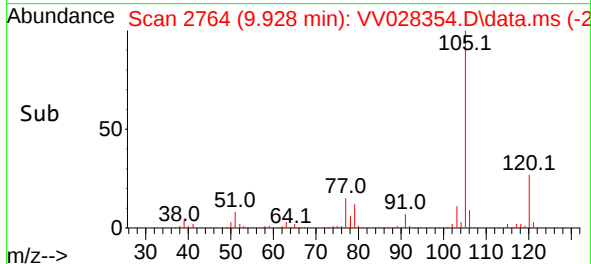
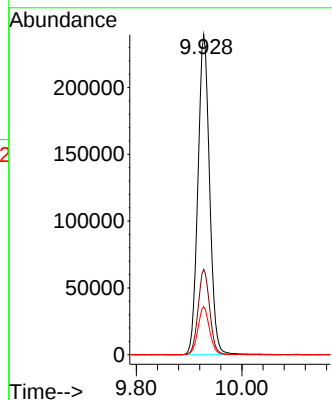
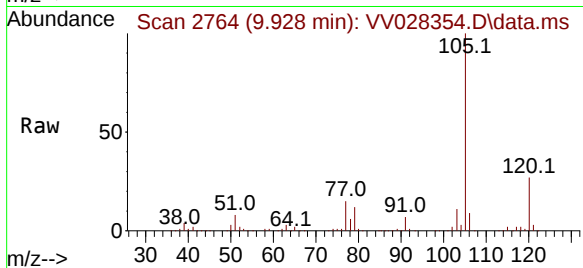




#60
Isopropylbenzene
Concen: 5.388 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028354.D
Acq: 05 Oct 2022 03:00

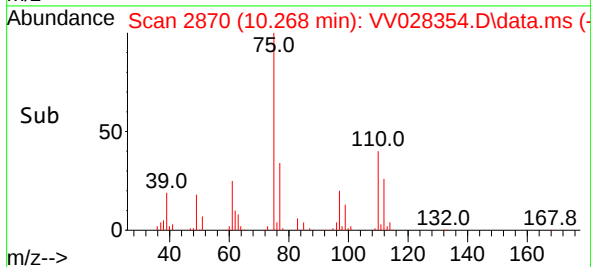
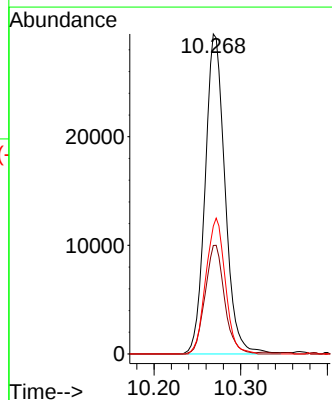
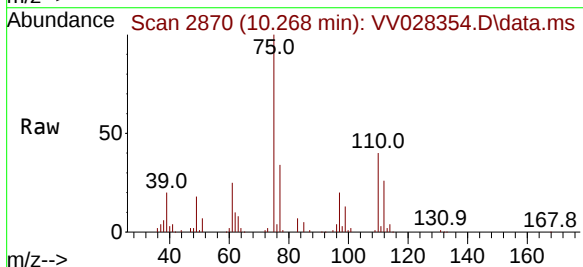
Instrument :
MSVOA_V
ClientSampleId :
EXFX9

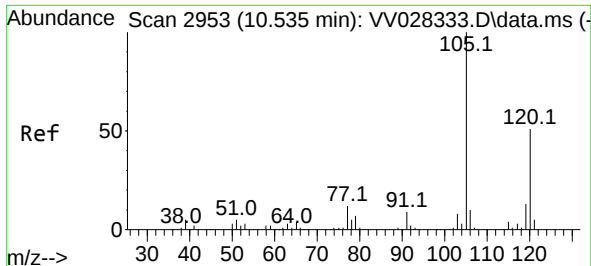
Tgt Ion:105 Resp: 366287
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.0
77 14.9 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.476 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VV028354.D
Acq: 05 Oct 2022 03:00

Tgt Ion: 75 Resp: 46943
Ion Ratio Lower Upper
75 100
77 33.2 26.7 40.1
110 41.4 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 4.943 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV028354.D

Acq: 05 Oct 2022 03:00

Instrument :

MSVOA_V

ClientSampleId :

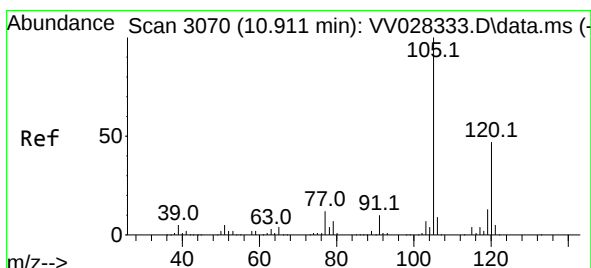
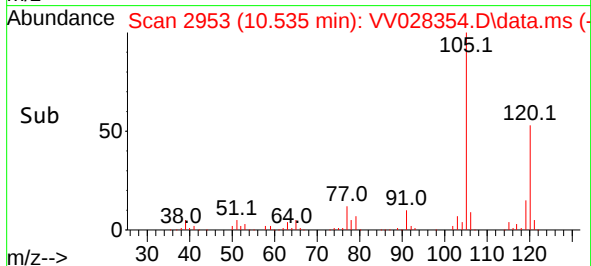
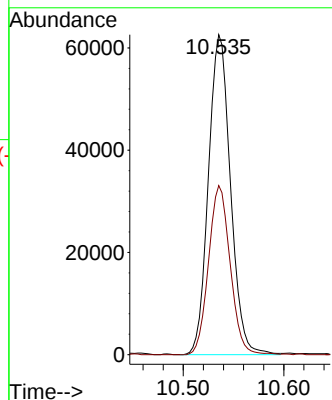
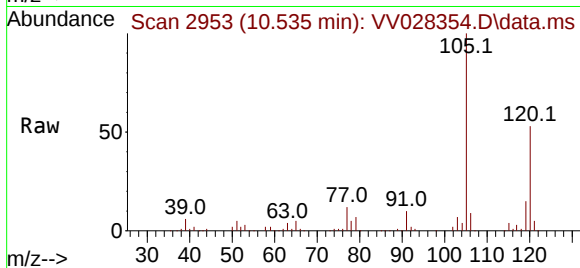
EXFX9

Tgt Ion:105 Resp: 95496

Ion Ratio Lower Upper

105 100

120 51.8 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 5.143 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV028354.D

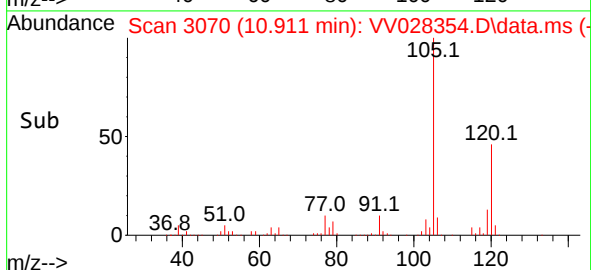
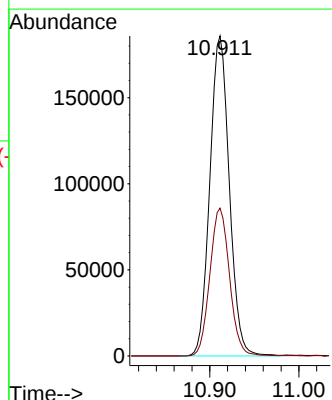
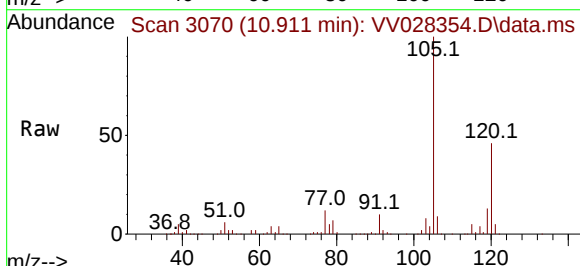
Acq: 05 Oct 2022 03:00

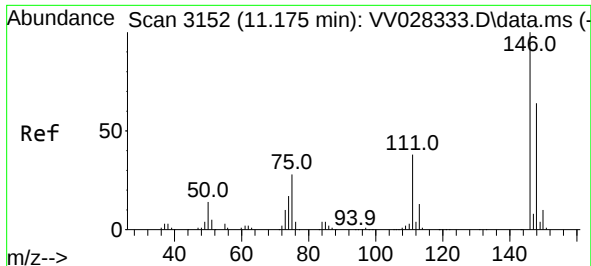
Tgt Ion:105 Resp: 281619

Ion Ratio Lower Upper

105 100

120 46.7 37.8 56.8

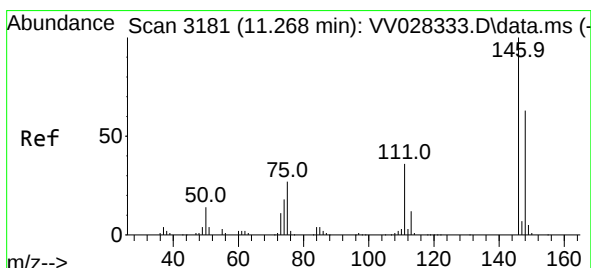
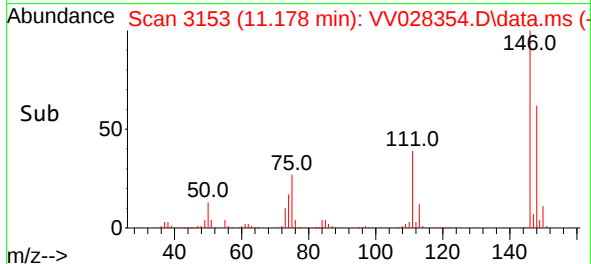
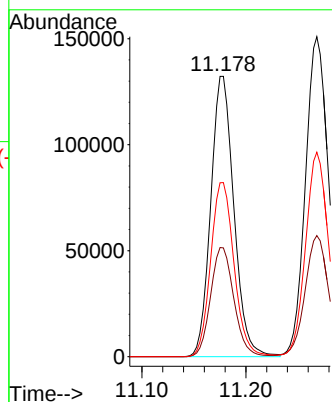
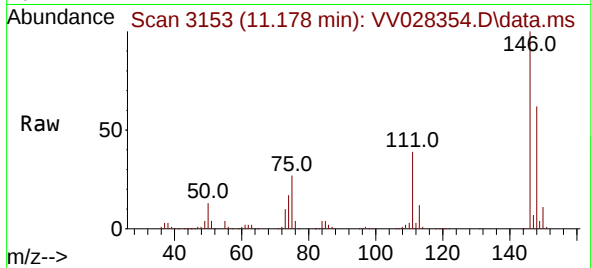




#64
1,3-Dichlorobenzene
Concen: 6.122 ug/L
RT: 11.178 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VV028354.D
Acq: 05 Oct 2022 03:00

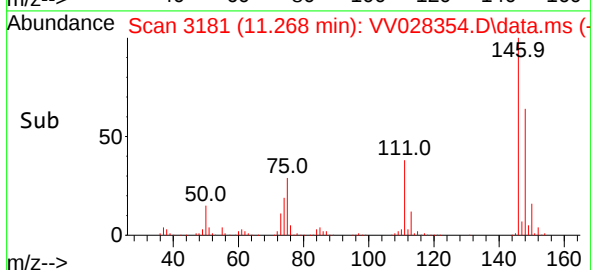
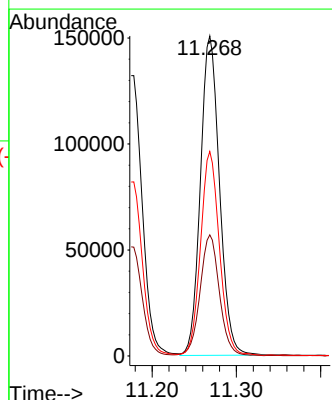
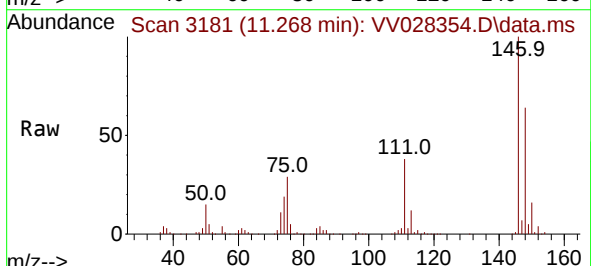
Instrument :
MSVOA_V
ClientSampleId :
EXFX9

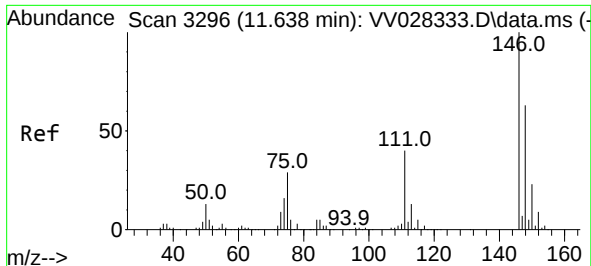
Tgt Ion:146 Resp: 204465
Ion Ratio Lower Upper
146 100
111 38.8 27.1 50.3
148 62.1 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 7.102 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028354.D
Acq: 05 Oct 2022 03:00

Tgt Ion:146 Resp: 237502
Ion Ratio Lower Upper
146 100
111 37.9 26.2 48.8
148 63.9 45.8 85.2

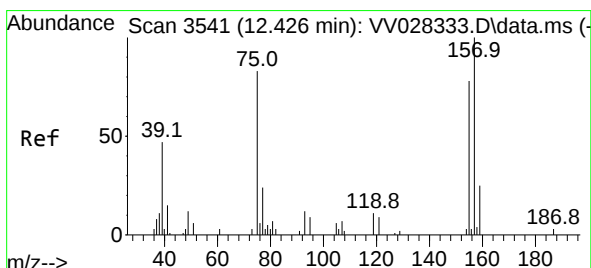
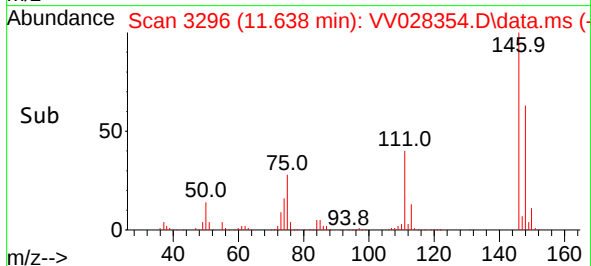
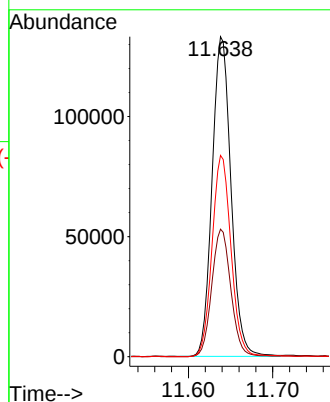
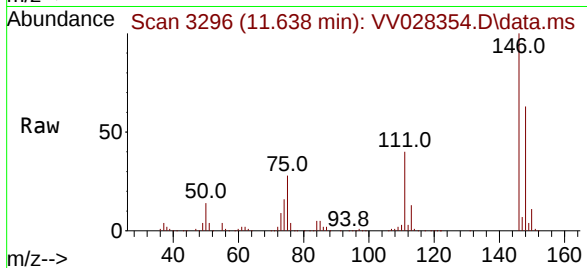




#67
1,2-Dichlorobenzene
Concen: 6.844 ug/L
RT: 11.638 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV028354.D
Acq: 05 Oct 2022 03:00

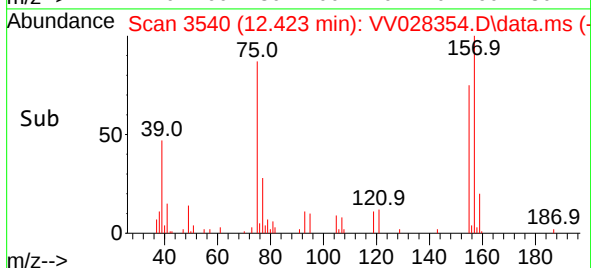
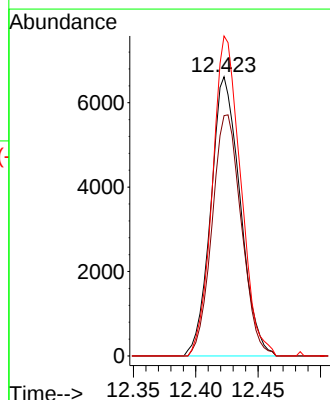
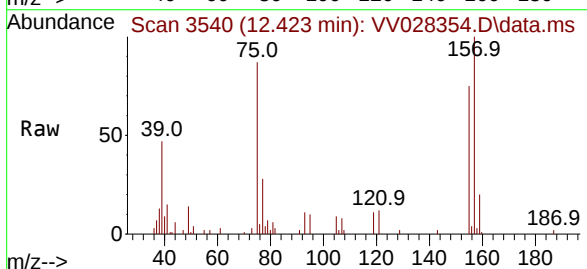
Instrument :
MSVOA_V
ClientSampleId :
EXFX9

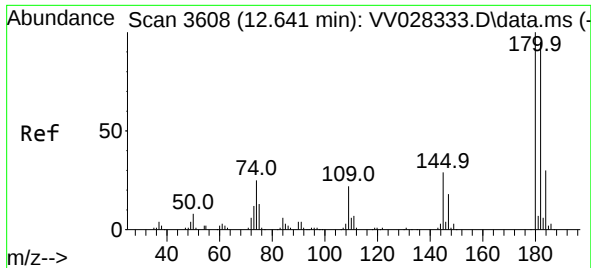
Tgt Ion:146 Resp: 207308
Ion Ratio Lower Upper
146 100
111 39.9 32.6 49.0
148 62.9 50.1 75.1



#68
1,2-Dibromo-3-chloropropane
Concen: 5.553 ug/L
RT: 12.423 min Scan# 3540
Delta R.T. -0.003 min
Lab File: VV028354.D
Acq: 05 Oct 2022 03:00

Tgt Ion: 75 Resp: 10845
Ion Ratio Lower Upper
75 100
155 86.1 73.6 110.4
157 114.6 90.7 136.1



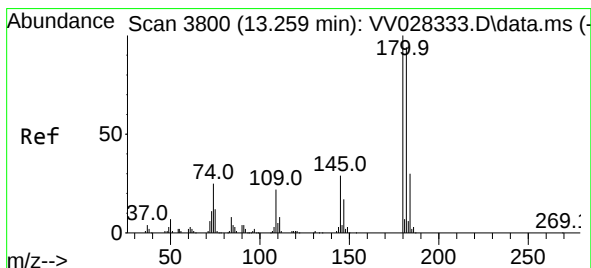
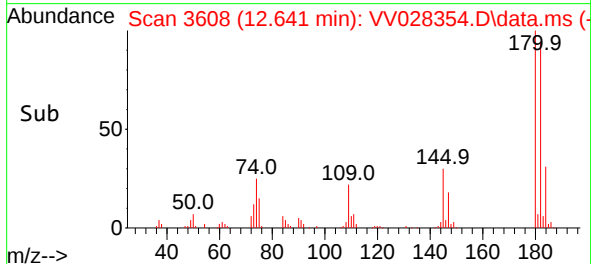
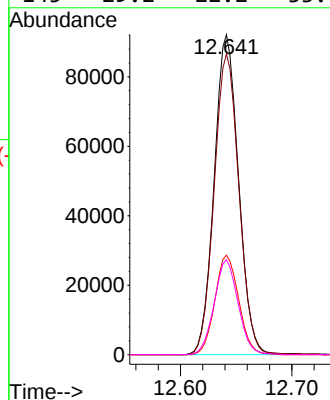
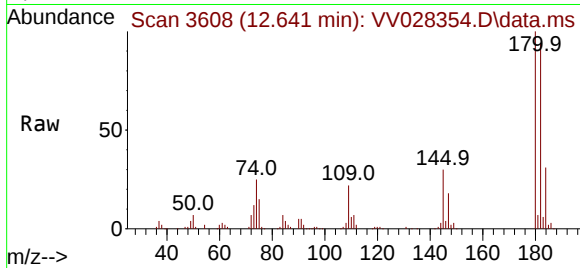


#69
 1,3,5-Trichlorobenzene
 Concen: 5.299 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. 0.000 min
 Lab File: VV028354.D
 Acq: 05 Oct 2022 03:00

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFX9

Tgt Ion:180 Resp: 139992

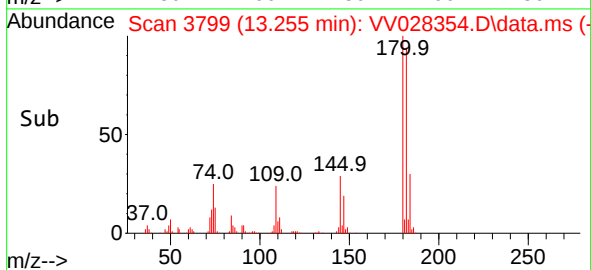
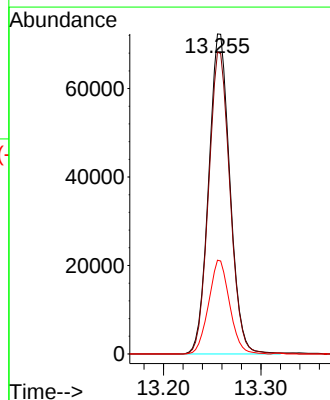
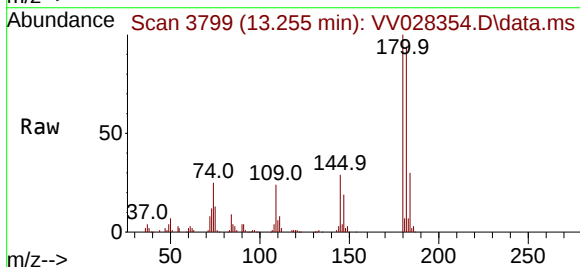
Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.5	113.3
184	30.4	23.7	35.5
145	29.2	22.2	33.4

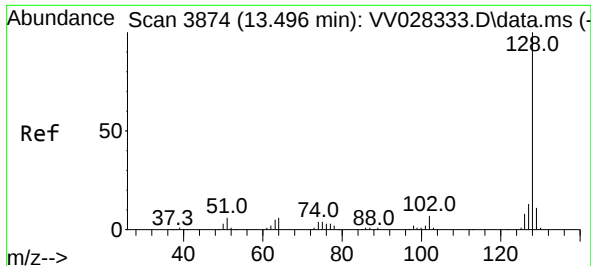


#70
 1,2,4-trichlorobenzene
 Concen: 5.439 ug/L
 RT: 13.255 min Scan# 3799
 Delta R.T. -0.003 min
 Lab File: VV028354.D
 Acq: 05 Oct 2022 03:00

Tgt Ion:180 Resp: 109506

Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.3	114.5
145	29.0	22.9	34.3

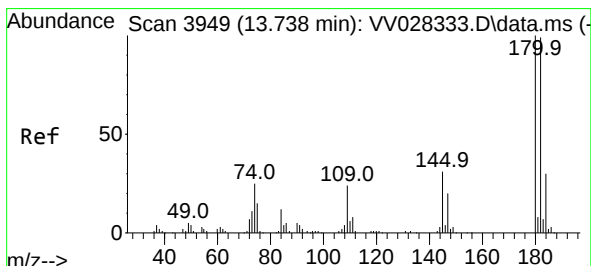
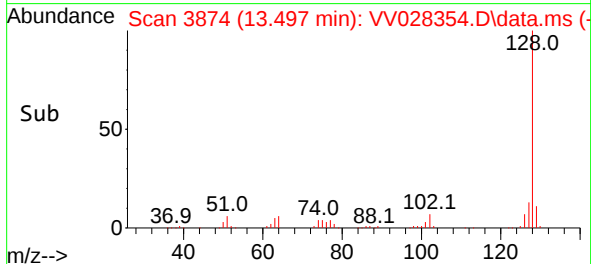
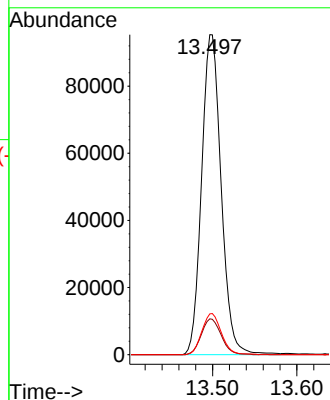
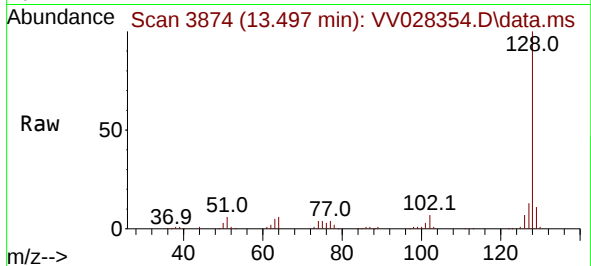




#71
Naphthalene
Concen: 4.900 ug/L
RT: 13.497 min Scan# 3874
Delta R.T. -0.003 min
Lab File: VV028354.D
Acq: 05 Oct 2022 03:00

Instrument :
MSVOA_V
ClientSampleId :
EXFX9

Tgt Ion:128 Resp: 154068
Ion Ratio Lower Upper
128 100
129 11.4 8.2 12.2
127 12.8 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.391 ug/L
RT: 13.738 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VV028354.D
Acq: 05 Oct 2022 03:00

Tgt Ion:180 Resp: 97841
Ion Ratio Lower Upper
180 100
182 94.4 77.4 116.0
145 30.9 24.6 36.8

