

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100422\
 Data File : VW028355.D
 Acq On : 05 Oct 2022 03:24
 Operator : SY/MD
 Sample : N4872-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFW7MS

Quant Time: Oct 05 04:19:10 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	5.612	114	220340	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	221947	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	131278	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	59913	3.619	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.400%
7) Chloroethane-d5	1.561	69	56666	4.043	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	2.104	63	124884	4.002	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	3.895	46	162287	57.935	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.860%
24) Chloroform-d	4.342	84	181975	6.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	121.400%
26) 1,2-Dichloroethane-d4	5.027	65	64525	4.640	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.043	84	271076	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.063	67	84760	4.853	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.310	98	250452	4.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.619	79	29242	4.396	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.085	63	146977	53.982	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.960%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	64178	4.848	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.619	152	100296	4.439	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	83741	4.725	ug/L	94
3) Chloromethane	1.236	50	79587	4.739	ug/L	99
5) Vinyl chloride	1.304	62	91975	4.863	ug/L	91
6) Bromomethane	1.516	94	33626	3.744	ug/L	98
8) Chloroethane	1.580	64	65499	5.196	ug/L	91
9) Trichlorofluoromethane	1.748	101	131947	4.643	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	74361	4.678	ug/L	98
12) 1,1-Dichloroethene	2.111	96	73402	4.644	ug/L	77
13) Acetone	2.191	43	102858	55.919	ug/L	94
14) Carbon disulfide	2.288	76	228163	4.634	ug/L	99
15) Methyl Acetate	2.436	43	22358	4.466	ug/L	# 86
16) Methylene chloride	2.500	84	80691	4.535	ug/L	90
17) Methyl tert-butyl Ether	2.764	73	154193	4.751	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	78447	4.765	ug/L	95
19) 1,1-Dichloroethane	3.182	63	145096	5.175	ug/L	97
21) 2-Butanone	3.976	43	164409	58.878	ug/L	95
22) cis-1,2-Dichloroethene	3.905	96	89716	5.412	ug/L	97
23) Bromochloromethane	4.239	128	37145	5.059	ug/L	90
25) Chloroform	4.365	83	1138293	37.020	ug/L	100

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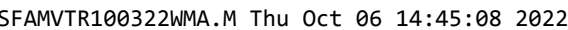
Instrument :
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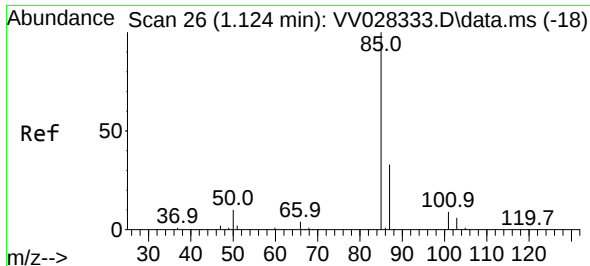
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	80048	4.859	ug/L #	95
29) 1,1,1-Trichloroethane	4.600	97	131726	4.811	ug/L	98
30) Cyclohexane	4.667	56	112727	4.779	ug/L	93
31) Carbon tetrachloride	4.818	117	1845123	75.129	ug/L	100
33) Benzene	5.091	78	327903	4.963	ug/L	100
34) Trichloroethene	5.908	95	88431	5.345	ug/L	94
35) Methylcyclohexane	6.124	83	124472	4.609	ug/L	94
37) 1,2-Dichloropropane	6.169	63	80369	5.252	ug/L	98
38) Bromodichloromethane	6.506	83	99847	4.731	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	102544	4.695	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	385765	54.871	ug/L	95
42) Toluene	7.384	91	350010	5.034	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	85384	4.601	ug/L	96
45) 1,1,2-Trichloroethane	7.834	97	54856	4.833	ug/L	98
47) Tetrachloroethene	7.972	164	77385	5.352	ug/L	99
48) 2-Hexanone	8.136	43	286485	58.181	ug/L	95
49) Dibromochloromethane	8.242	129	69141	4.813	ug/L	96
50) 1,2-Dibromoethane	8.349	107	51315	5.024	ug/L	99
51) Chlorobenzene	8.876	112	462624	10.006	ug/L	99
52) Ethylbenzene	9.008	91	359952	4.927	ug/L	99
53) m,p-Xylene	9.133	106	141767	4.867	ug/L	99
54) o-Xylene	9.538	106	133721	4.854	ug/L	99
55) Styrene	9.558	104	237940	5.026	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.236	83	66497	5.164	ug/L	99
59) Bromoform	9.728	173	37700	4.360	ug/L	96
60) Isopropylbenzene	9.927	105	357068	4.445	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	45083	4.451	ug/L	95
62) 1,3,5-Trimethylbenzene	10.535	105	96294	4.219	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	276316	4.271	ug/L	99
64) 1,3-Dichlorobenzene	11.175	146	1601799	40.591	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	4000334	101.239	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	3817806	106.672	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	10336	4.480	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	138924	4.451	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	222655	9.360	ug/L	100
71) Naphthalene	13.496	128	167462	4.508	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	150759	7.031	ug/L	99

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

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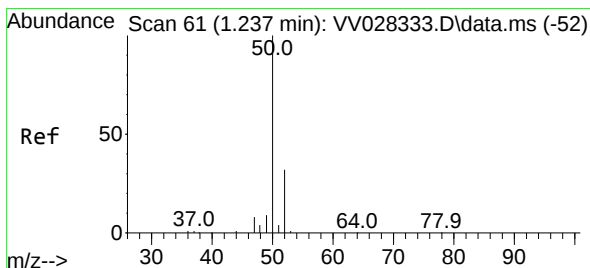
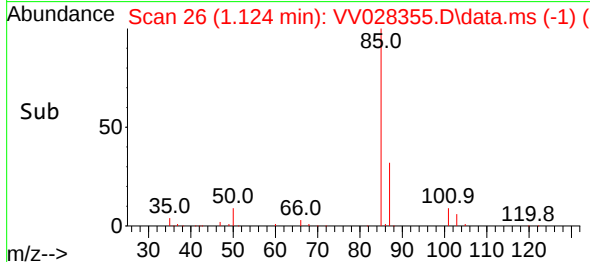
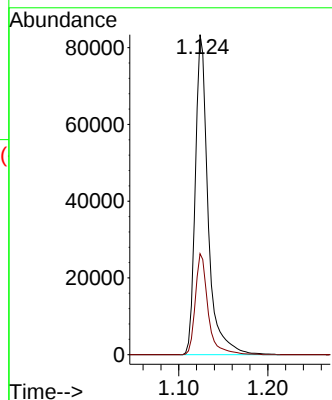
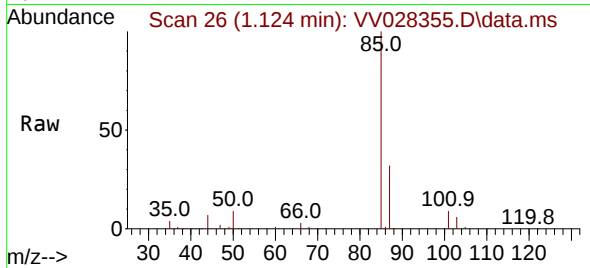




#2
 Dichlorodifluoromethane
 Concen: 4.725 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV028355.D
 Acq: 05 Oct 2022 03:24

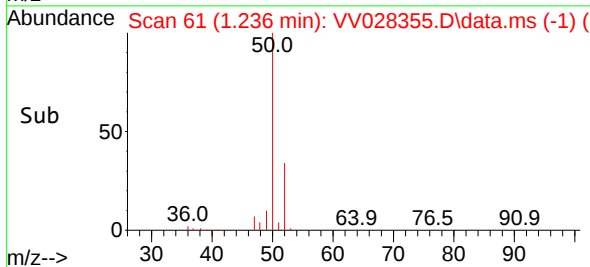
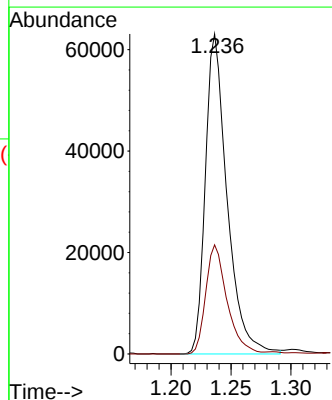
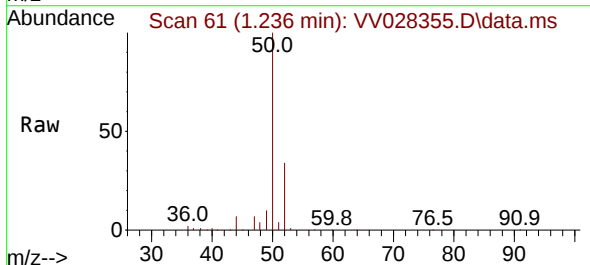
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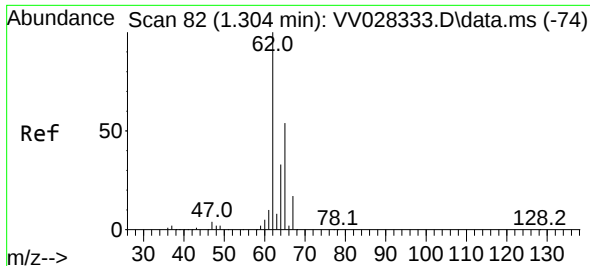
Tgt Ion: 85 Resp: 83741
 Ion Ratio Lower Upper
 85 100
 87 31.5 22.8 34.2



#3
 Chloromethane
 Concen: 4.739 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV028355.D
 Acq: 05 Oct 2022 03:24

Tgt Ion: 50 Resp: 79587
 Ion Ratio Lower Upper
 50 100
 52 34.1 24.4 45.2

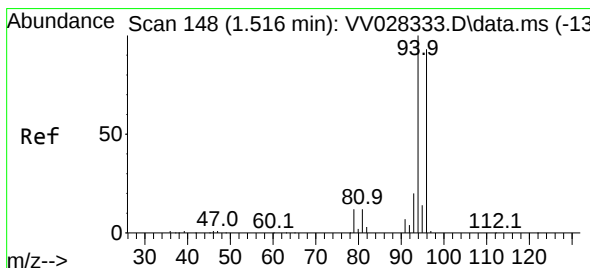
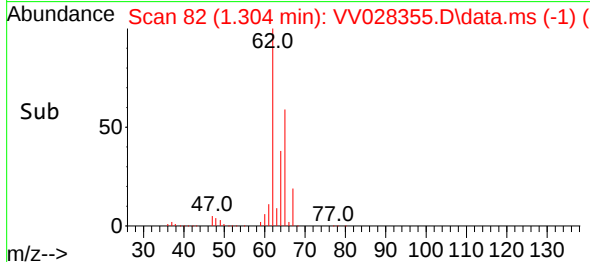
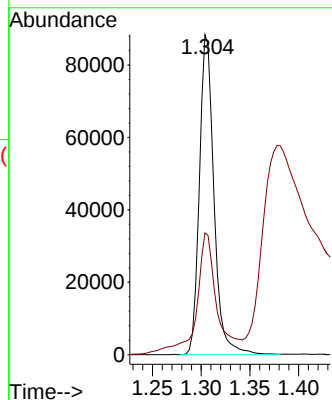
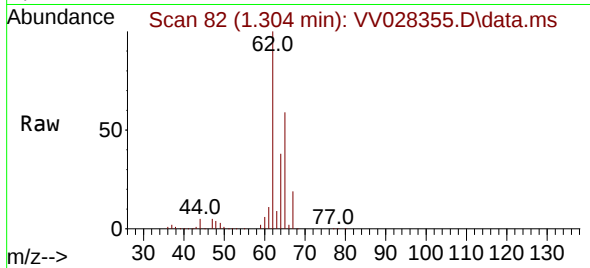




#5
 Vinyl chloride
 Concen: 4.863 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028355.D
 Acq: 05 Oct 2022 03:24

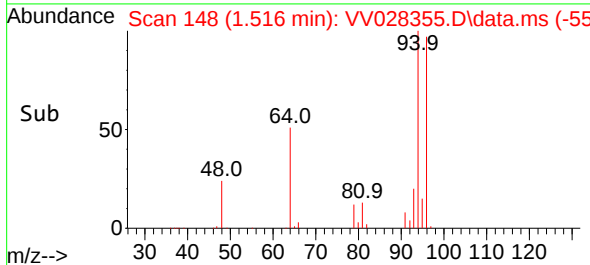
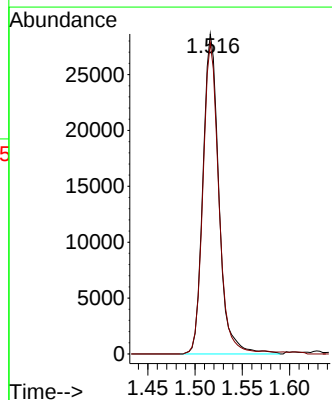
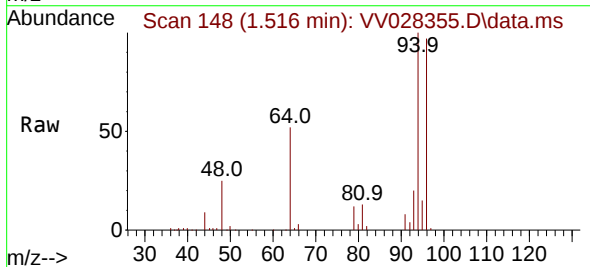
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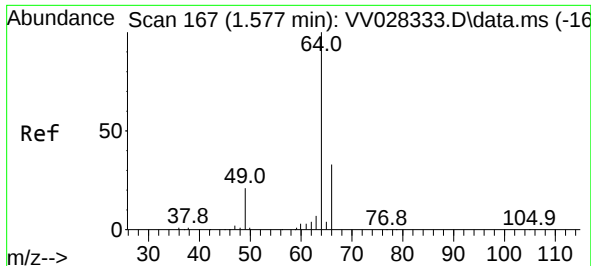
Tgt Ion: 62 Resp: 91975
 Ion Ratio Lower Upper
 62 100
 64 38.0 23.0 42.8



#6
 Bromomethane
 Concen: 3.744 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV028355.D
 Acq: 05 Oct 2022 03:24

Tgt Ion: 94 Resp: 33626
 Ion Ratio Lower Upper
 94 100
 96 97.3 66.7 123.9

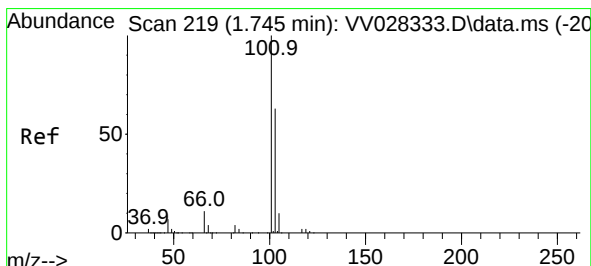
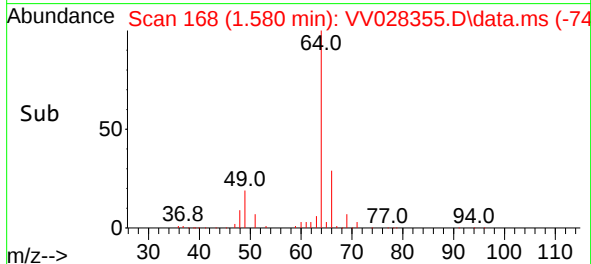
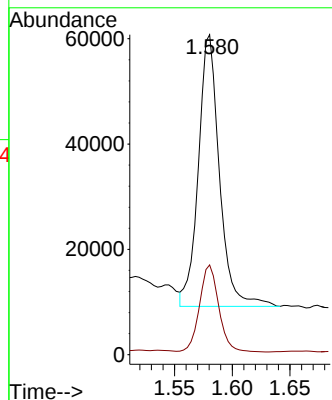
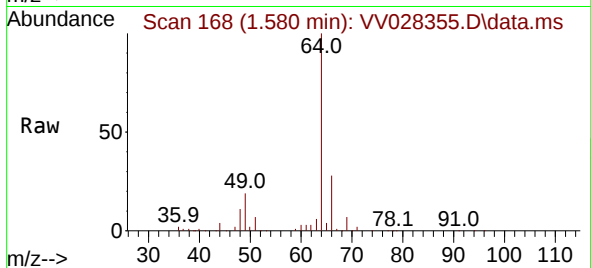




#8
Chloroethane
Concen: 5.196 ug/L
RT: 1.580 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028355.D
Acq: 05 Oct 2022 03:24

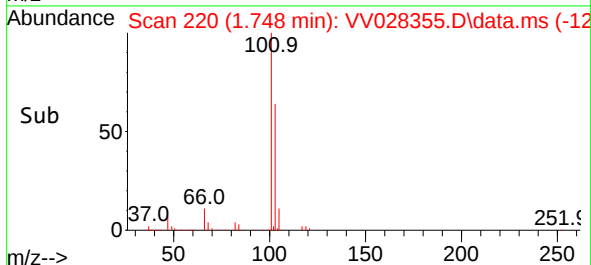
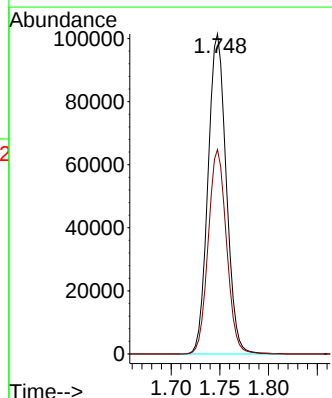
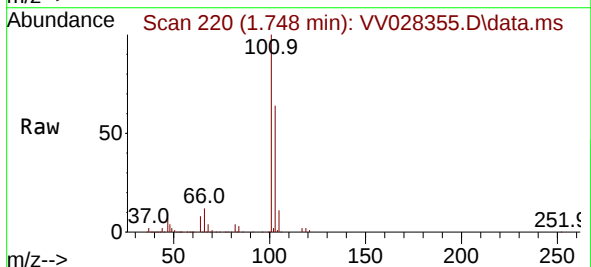
Instrument :
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ClientSampleId :
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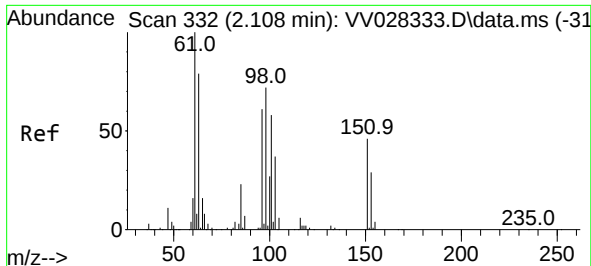
Tgt Ion: 64 Resp: 65499
Ion Ratio Lower Upper
64 100
66 28.0 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.643 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV028355.D
Acq: 05 Oct 2022 03:24

Tgt Ion: 101 Resp: 131947
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.0





#10

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

Concen: 4.678 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV028355.D

Acq: 05 Oct 2022 03:24

Instrument :

MSVOA_V

ClientSampleId :

EXFW7MS

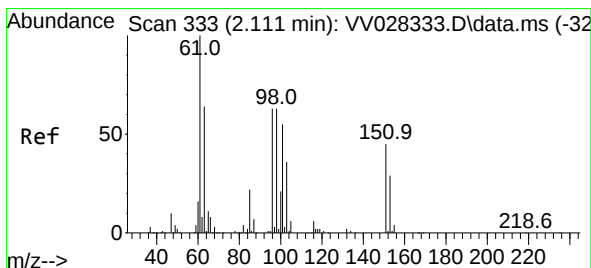
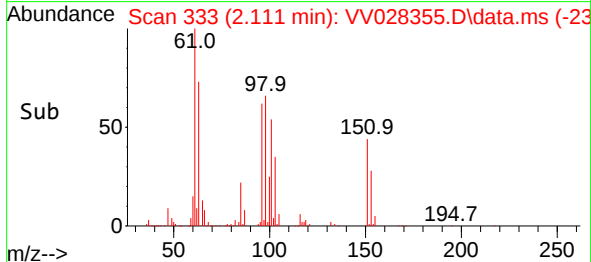
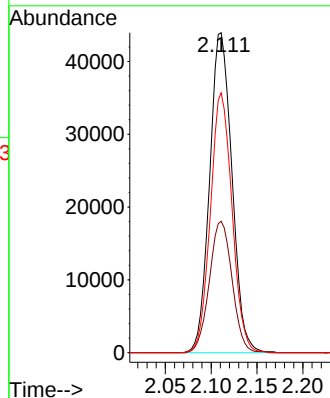
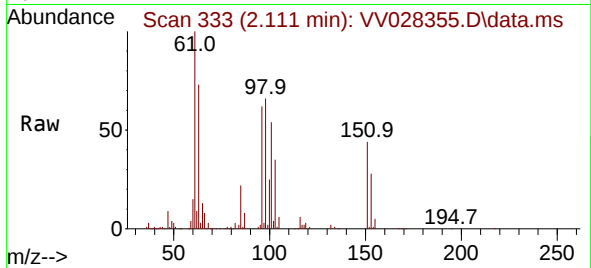
Tgt Ion:101 Resp: 74361

Ion Ratio Lower Upper

101 100

85 41.9 34.4 51.6

151 78.9 61.1 91.7



#12

1,1-Dichloroethene

Concen: 4.644 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV028355.D

Acq: 05 Oct 2022 03:24

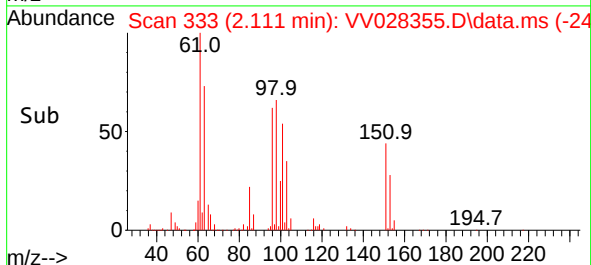
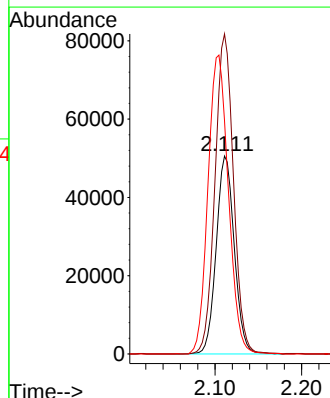
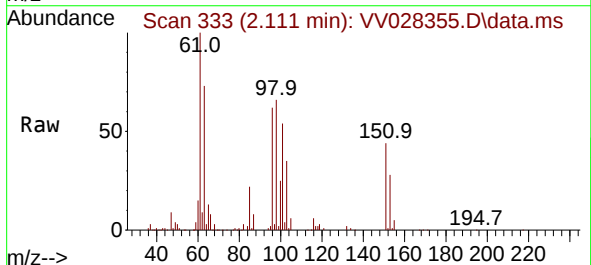
Tgt Ion: 96 Resp: 73402

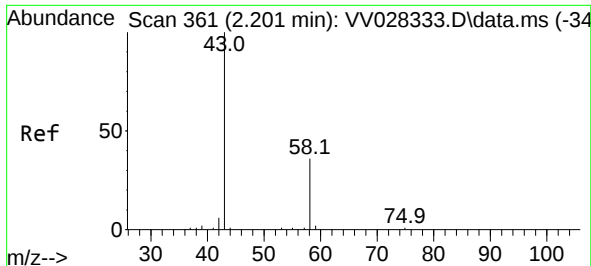
Ion Ratio Lower Upper

96 100

61 161.7 128.3 238.3

63 117.9 112.7 209.3





#13

Acetone

Concen: 55.919 ug/L

RT: 2.191 min Scan# 3

Delta R.T. 0.016 min

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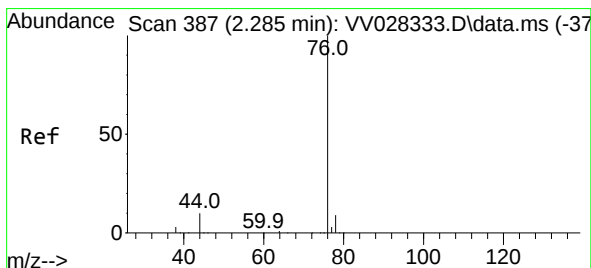
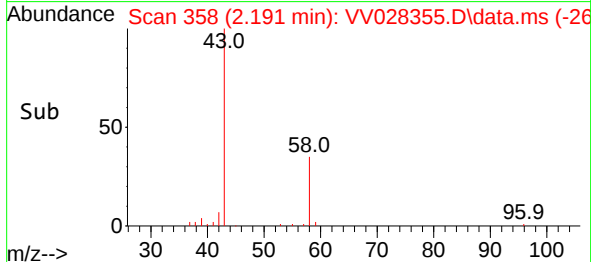
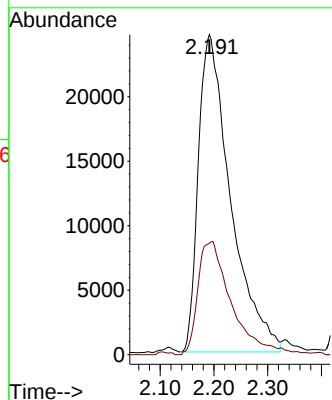
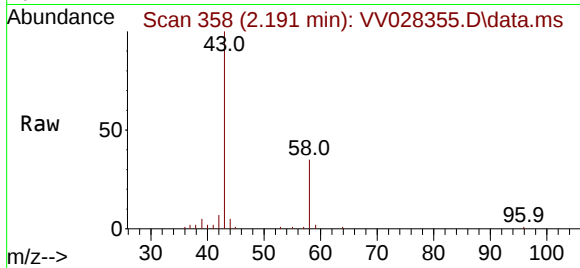
EXFW7MS

Tgt Ion: 43 Resp: 102858

Ion Ratio Lower Upper

43 100

58 36.2 0.0 65.6



#14

Carbon disulfide

Concen: 4.634 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV028355.D

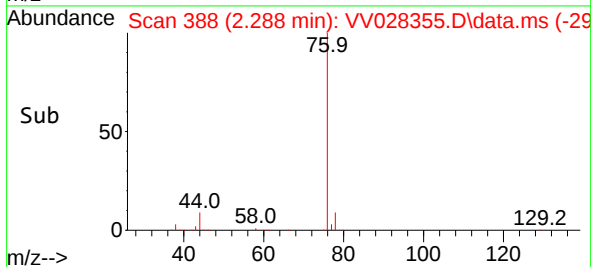
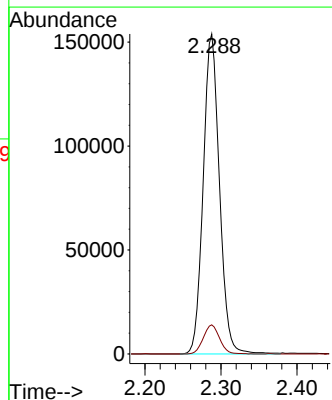
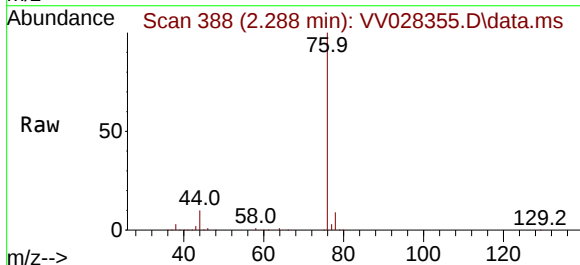
Acq: 05 Oct 2022 03:24

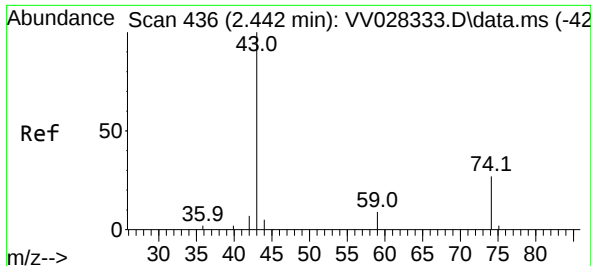
Tgt Ion: 76 Resp: 228163

Ion Ratio Lower Upper

76 100

78 9.1 7.6 11.4





#15

Methyl Acetate

Concen: 4.466 ug/L

RT: 2.436 min Scan# 41

Delta R.T. 0.003 min

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Instrument :

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ClientSampleId :

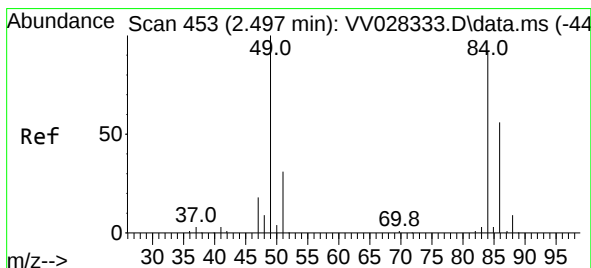
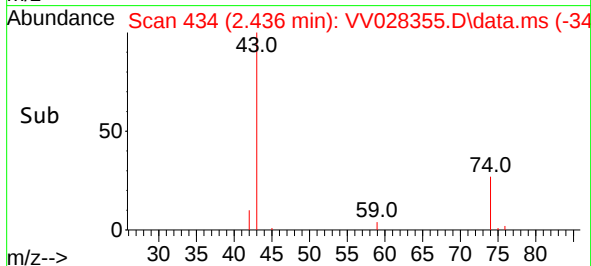
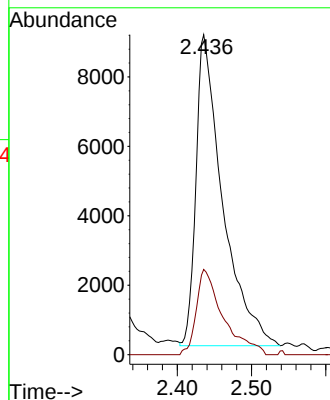
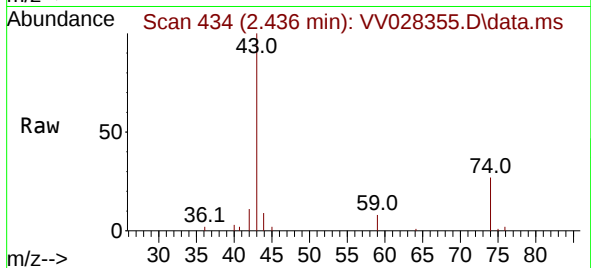
EXFW7MS

Tgt Ion: 43 Resp: 22358

Ion Ratio Lower Upper

43 100

74 27.5 16.9 25.3#



#16

Methylene chloride

Concen: 4.535 ug/L

RT: 2.500 min Scan# 454

Delta R.T. -0.000 min

Lab File: VV028355.D

Acq: 05 Oct 2022 03:24

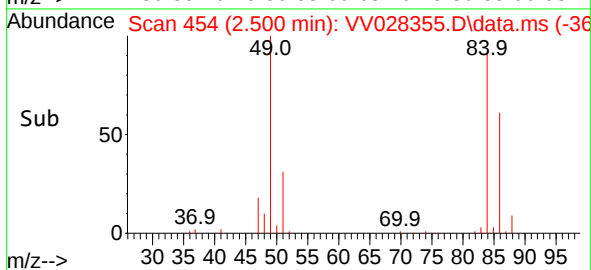
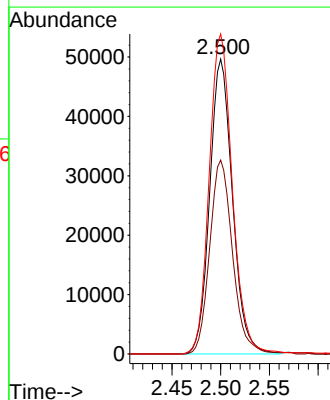
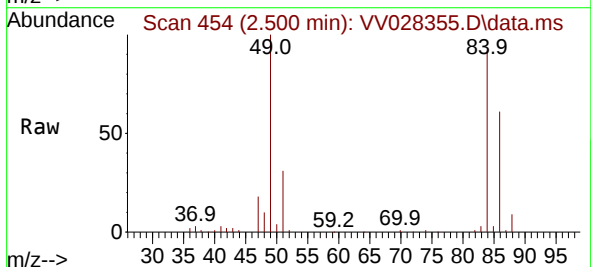
Tgt Ion: 84 Resp: 80691

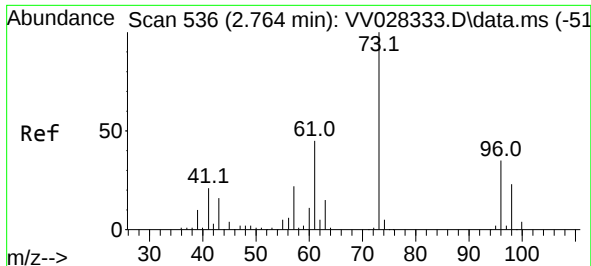
Ion Ratio Lower Upper

84 100

86 65.8 46.8 86.8

49 108.5 87.5 162.5

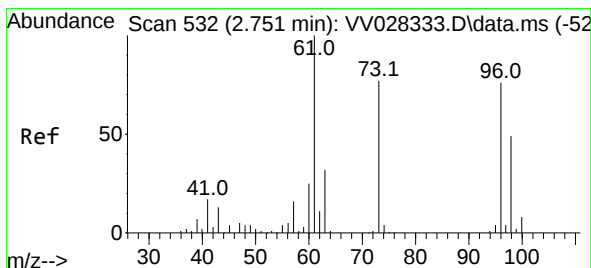
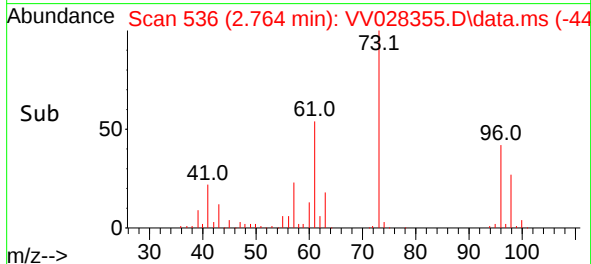
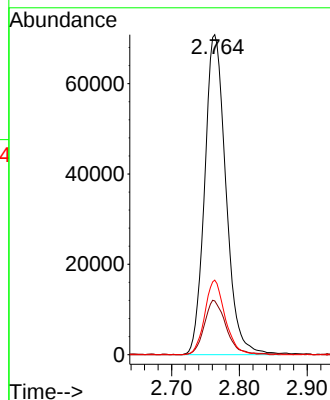
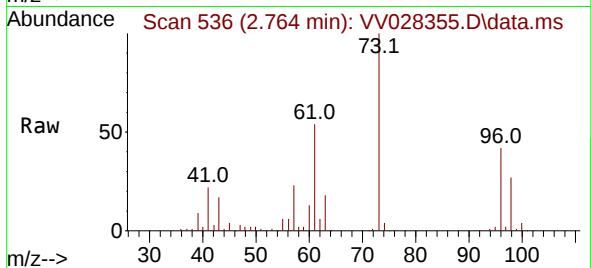




#17
Methyl tert-butyl Ether
Concen: 4.751 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV028355.D
Acq: 05 Oct 2022 03:24

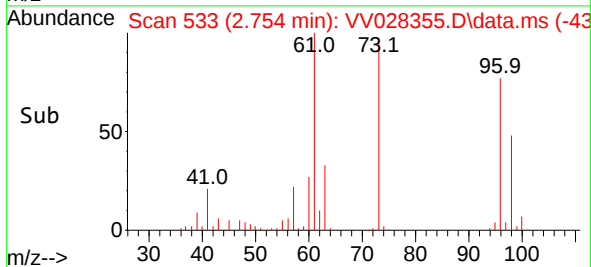
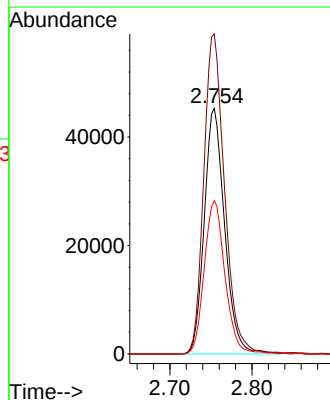
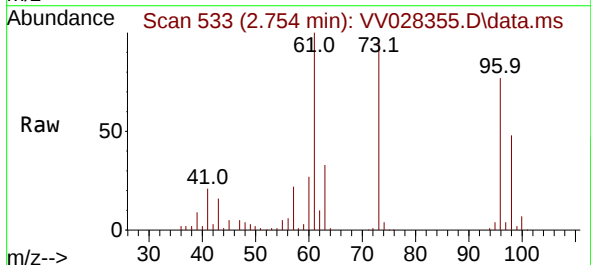
Instrument :
MSVOA_V
ClientSampleId :
EXFW7MS

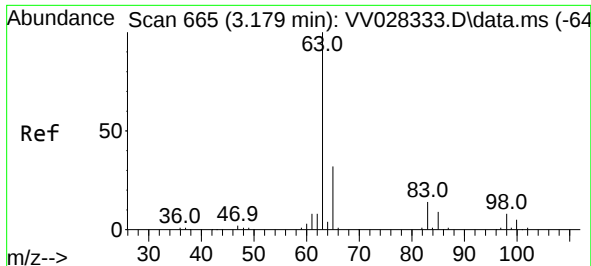
Tgt Ion: 73 Resp: 154193
Ion Ratio Lower Upper
73 100
43 17.6 15.7 23.5
57 22.3 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.765 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV028355.D
Acq: 05 Oct 2022 03:24

Tgt Ion: 96 Resp: 78447
Ion Ratio Lower Upper
96 100
61 130.2 96.2 178.6
98 62.4 45.7 84.9





#19

1,1-Dichloroethane

Concen: 5.175 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV028355.D

Acq: 05 Oct 2022 03:24

Instrument :

MSVOA_V

ClientSampleId :

EXFW7MS

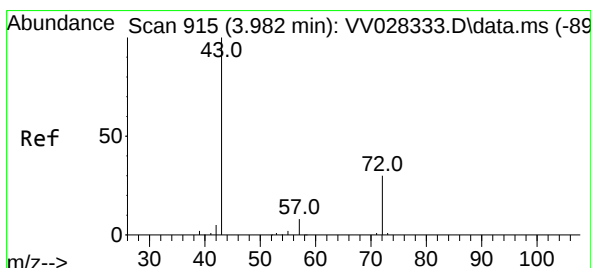
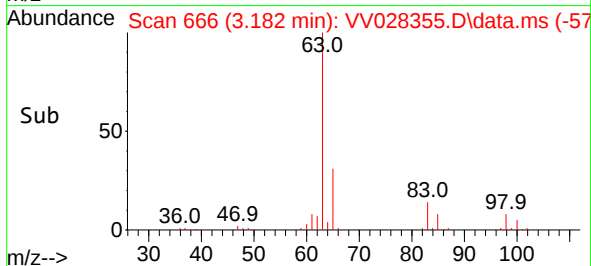
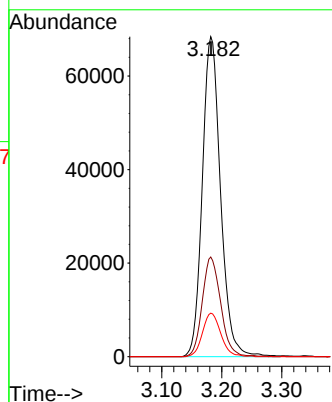
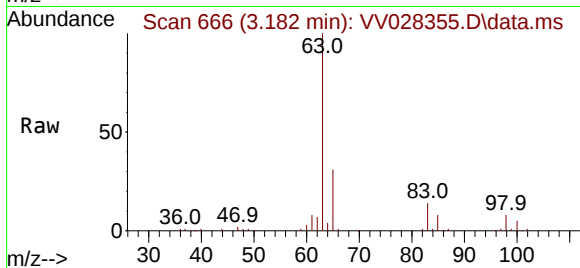
Tgt Ion: 63 Resp: 145096

Ion Ratio Lower Upper

63 100

65 31.1 23.0 42.8

83 13.6 9.2 17.2



#21

2-Butanone

Concen: 58.878 ug/L

RT: 3.976 min Scan# 913

Delta R.T. 0.006 min

Lab File: VV028355.D

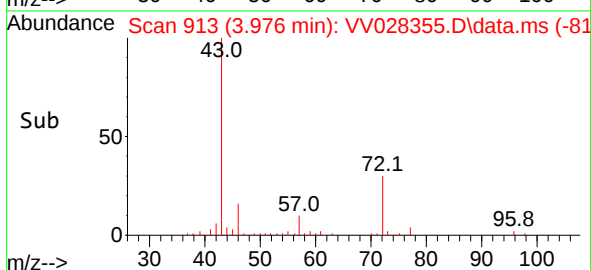
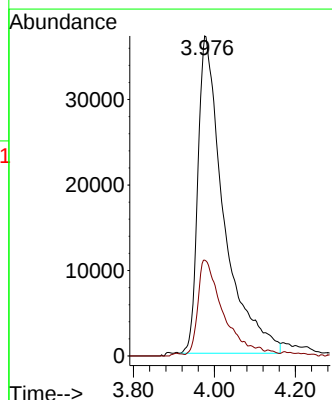
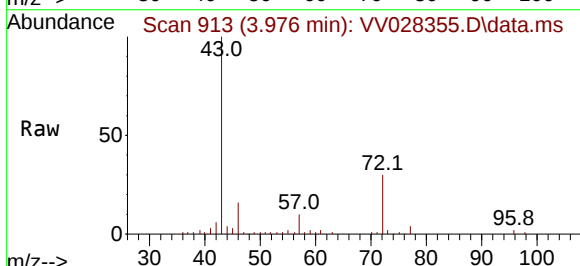
Acq: 05 Oct 2022 03:24

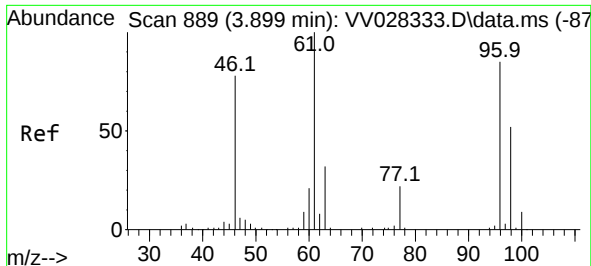
Tgt Ion: 43 Resp: 164409

Ion Ratio Lower Upper

43 100

72 27.8 12.7 38.1





#22

cis-1,2-Dichloroethene

Concen: 5.412 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.000 min

Lab File: VV028355.D

Acq: 05 Oct 2022 03:24

Instrument :

MSVOA_V

ClientSampleId :

EXFW7MS

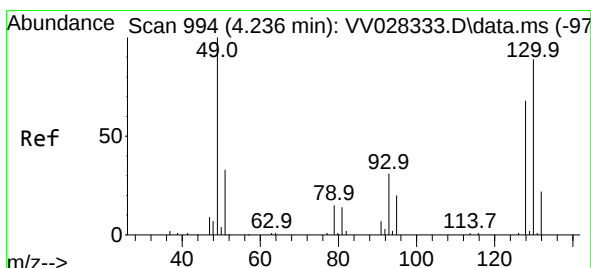
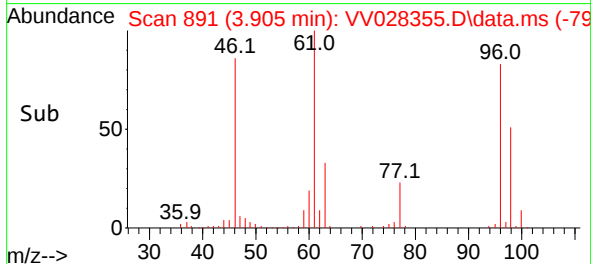
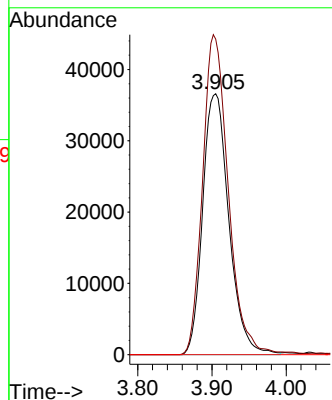
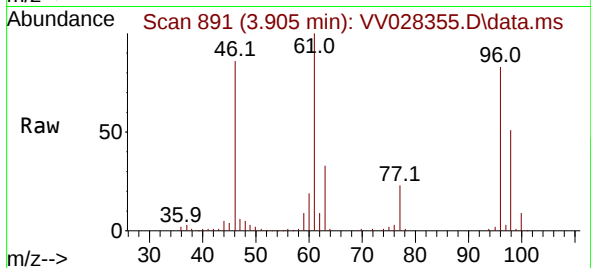
Tgt Ion: 96 Resp: 89716

Ion Ratio Lower Upper

96 100

61 120.9 87.2 161.9

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.059 ug/L

RT: 4.239 min Scan# 995

Delta R.T. -0.000 min

Lab File: VV028355.D

Acq: 05 Oct 2022 03:24

Tgt Ion: 128 Resp: 37145

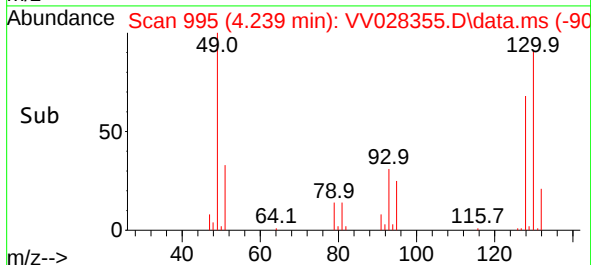
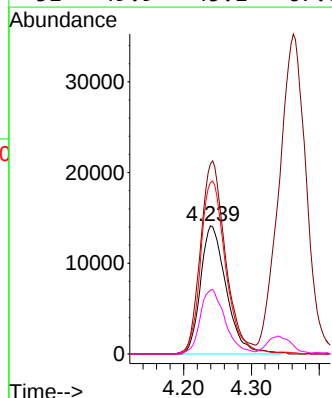
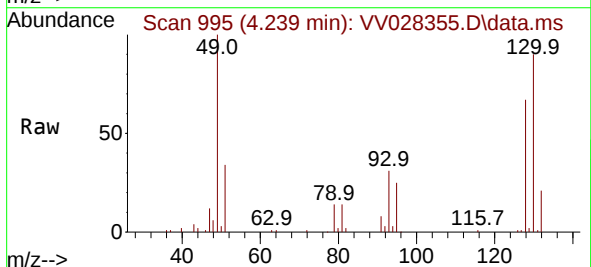
Ion Ratio Lower Upper

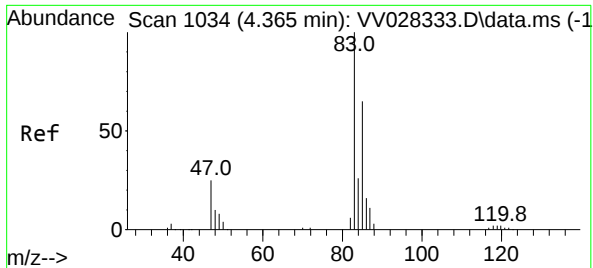
128 100

49 148.4 119.9 222.7

130 133.7 94.6 175.8

51 49.9 45.1 67.7

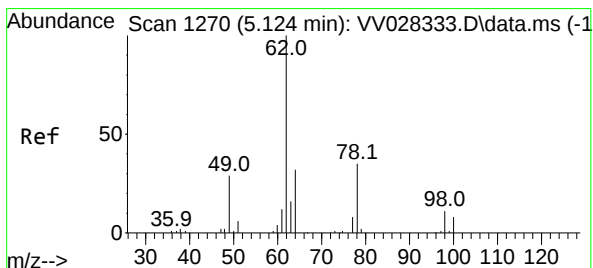
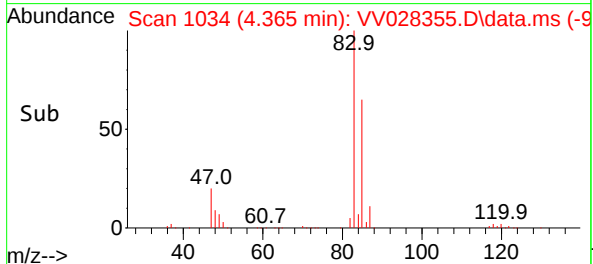
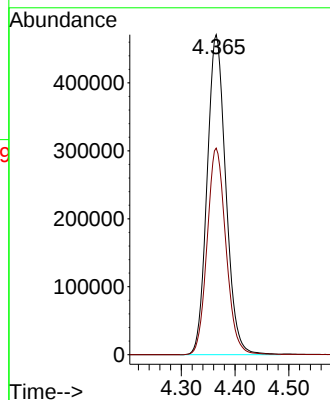
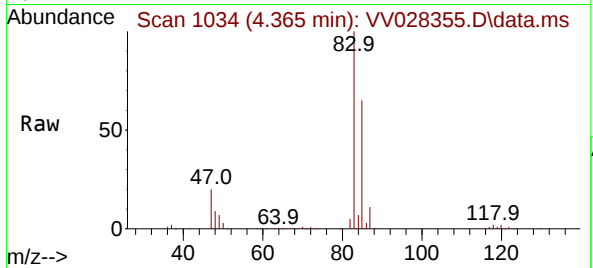




#25
Chloroform
Concen: 37.020 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VV028355.D
Acq: 05 Oct 2022 03:24

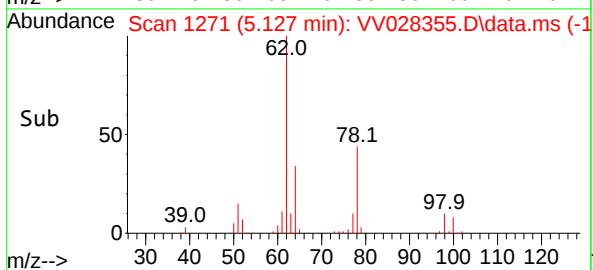
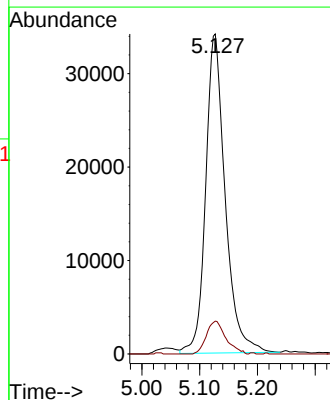
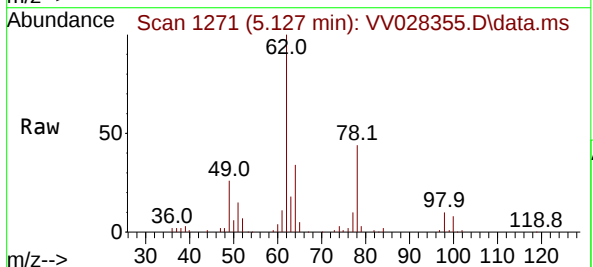
Instrument :
MSVOA_V
ClientSampleId :
EXFW7MS

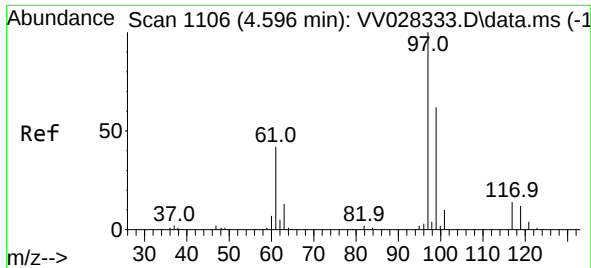
Tgt Ion: 83 Resp: 1138293
Ion Ratio Lower Upper
83 100
85 64.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 4.859 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VV028355.D
Acq: 05 Oct 2022 03:24

Tgt Ion: 62 Resp: 80048
Ion Ratio Lower Upper
62 100
98 10.3 6.7 10.1#





#29

1,1,1-Trichloroethane

Concen: 4.811 ug/L

RT: 4.600 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VV028355.D

Acq: 05 Oct 2022 03:24

Instrument :

MSVOA_V

ClientSampleId :

EXFW7MS

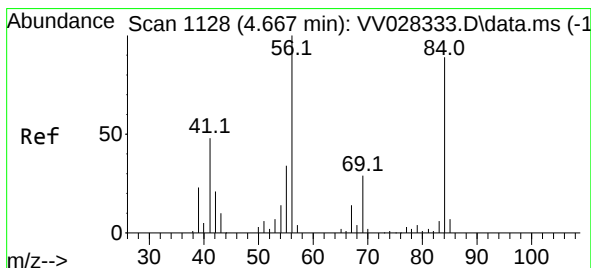
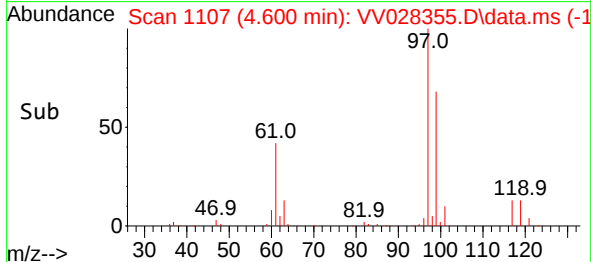
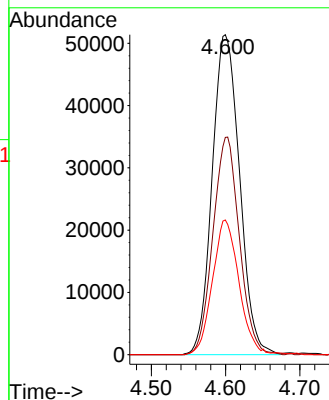
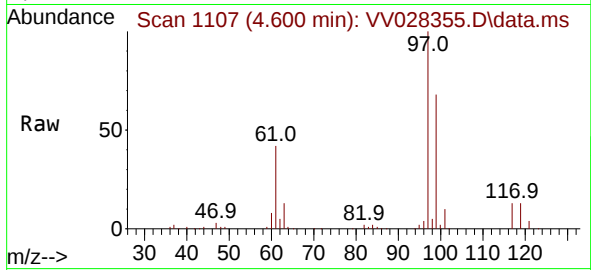
Tgt Ion: 97 Resp: 131726

Ion Ratio Lower Upper

97 100

99 65.7 51.9 77.9

61 40.7 34.8 52.2



#30

Cyclohexane

Concen: 4.779 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VV028355.D

Acq: 05 Oct 2022 03:24

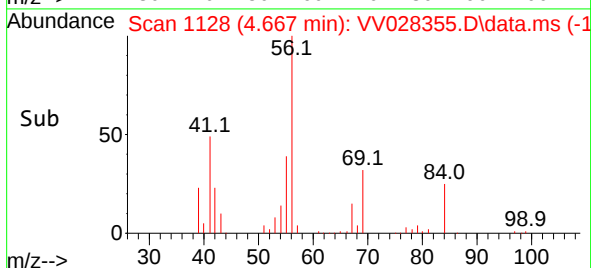
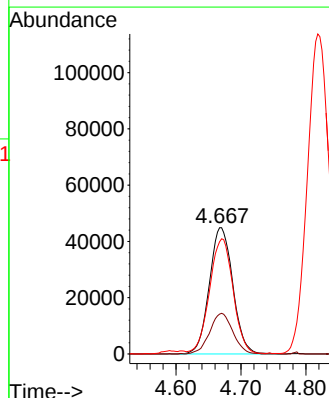
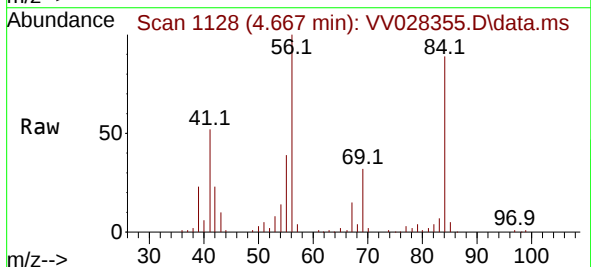
Tgt Ion: 56 Resp: 112727

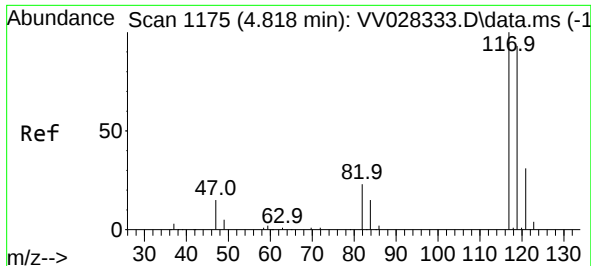
Ion Ratio Lower Upper

56 100

69 31.8 23.7 35.5

84 91.1 67.3 100.9

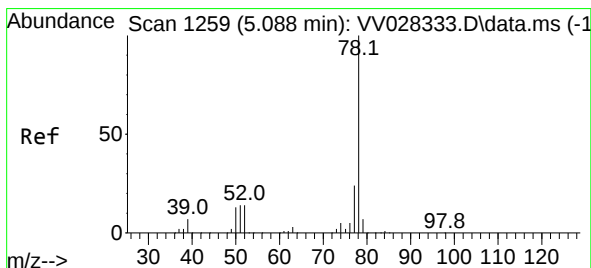
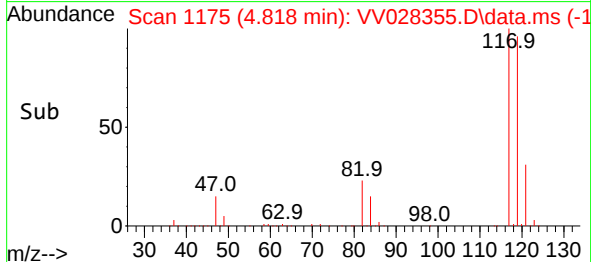
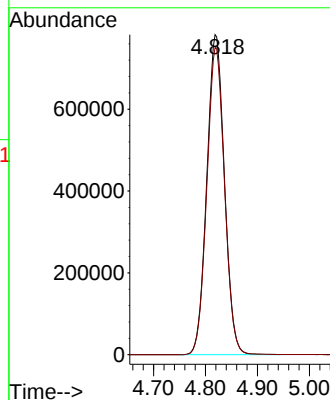
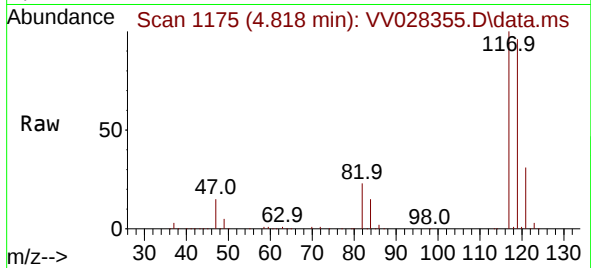




#31
Carbon tetrachloride
Concen: 75.129 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VV028355.D
Acq: 05 Oct 2022 03:24

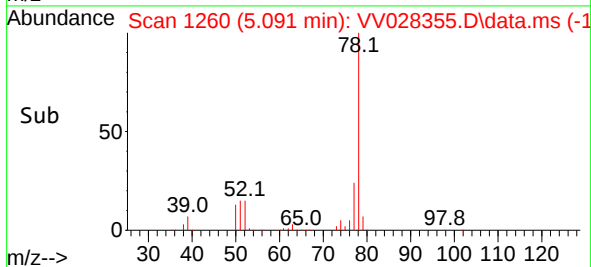
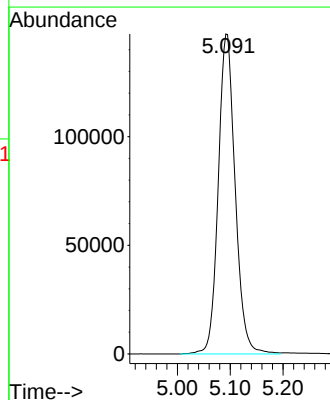
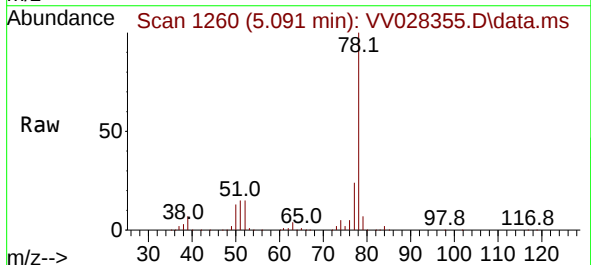
Instrument :
MSVOA_V
ClientSampleId :
EXFW7MS

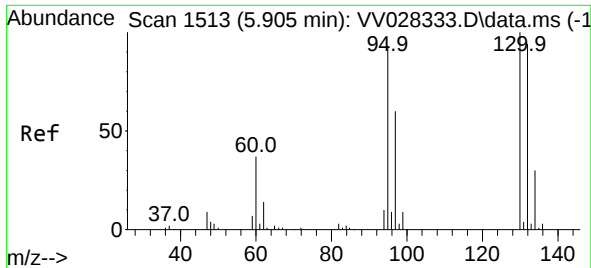
Tgt Ion:117 Resp: 1845123
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3



#33
Benzene
Concen: 4.963 ug/L
RT: 5.091 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VV028355.D
Acq: 05 Oct 2022 03:24

Tgt Ion: 78 Resp: 327903

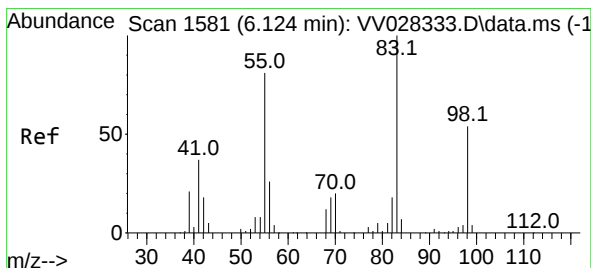
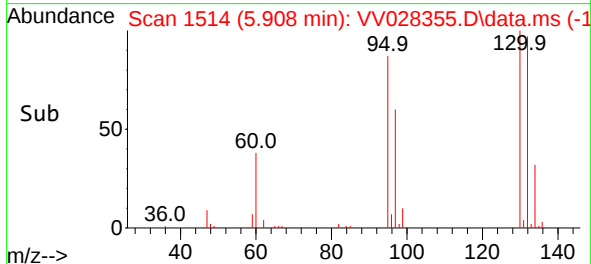
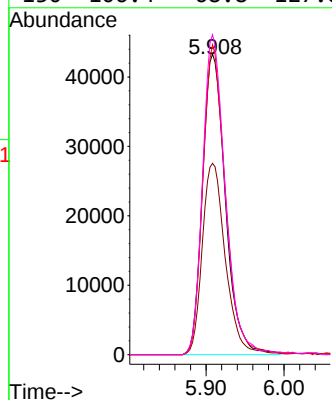
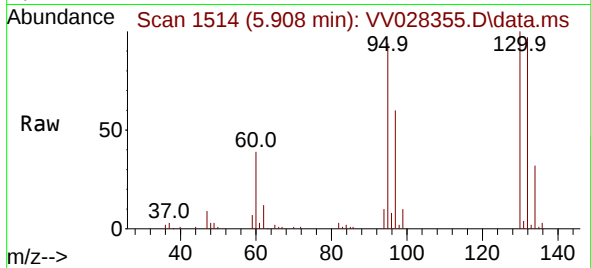




#34
Trichloroethene
Concen: 5.345 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV028355.D
Acq: 05 Oct 2022 03:24

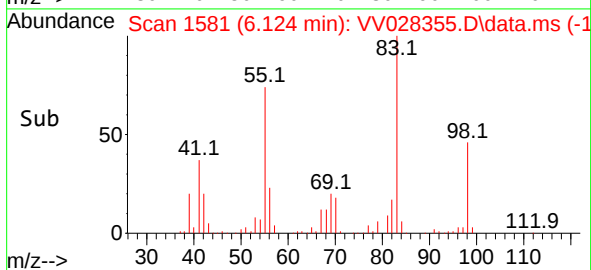
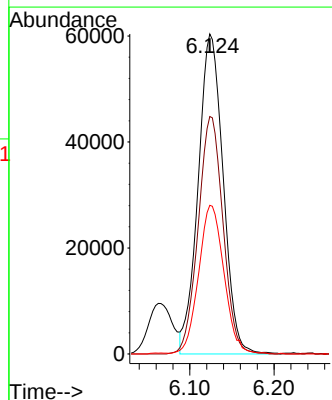
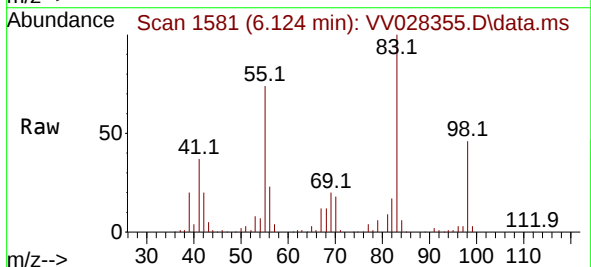
Instrument :
MSVOA_V
ClientSampleId :
EXFW7MS

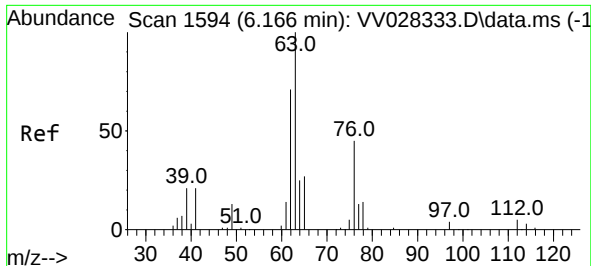
Tgt Ion: 95 Resp: 88431
Ion Ratio Lower Upper
95 100
97 63.7 44.2 82.0
132 103.1 67.8 126.0
130 106.4 68.8 127.8



#35
Methylcyclohexane
Concen: 4.609 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VV028355.D
Acq: 05 Oct 2022 03:24

Tgt Ion: 83 Resp: 124472
Ion Ratio Lower Upper
83 100
55 74.0 64.7 97.1
98 47.3 39.5 59.3





#37

1,2-Dichloropropane

Concen: 5.252 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV028355.D

Acq: 05 Oct 2022 03:24

Instrument :

MSVOA_V

ClientSampleId :

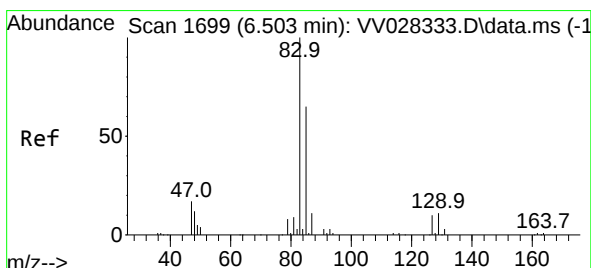
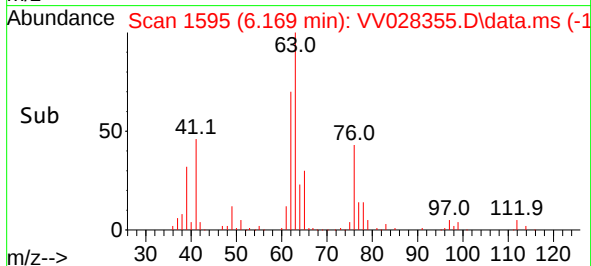
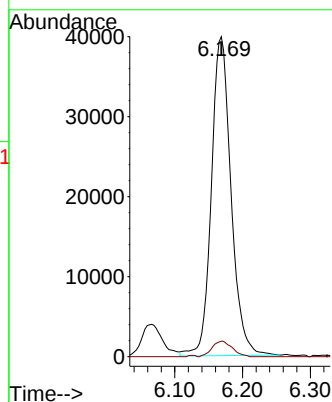
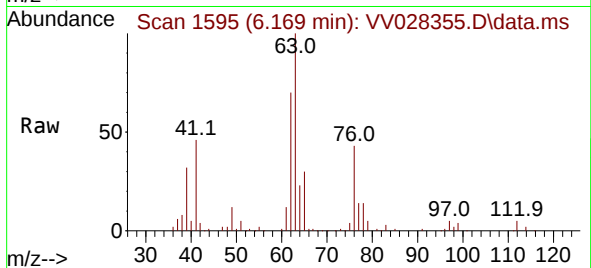
EXFW7MS

Tgt Ion: 63 Resp: 80369

Ion Ratio Lower Upper

63 100

112 5.0 3.5 5.3



#38

Bromodichloromethane

Concen: 4.731 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV028355.D

Acq: 05 Oct 2022 03:24

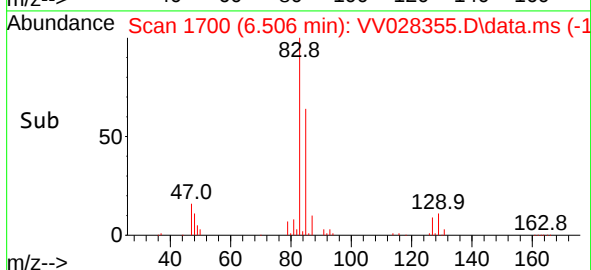
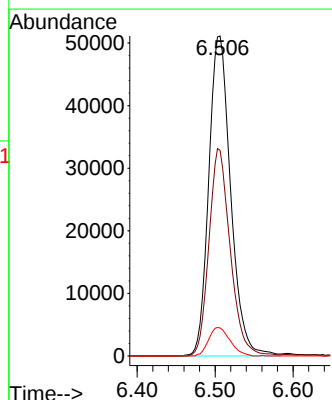
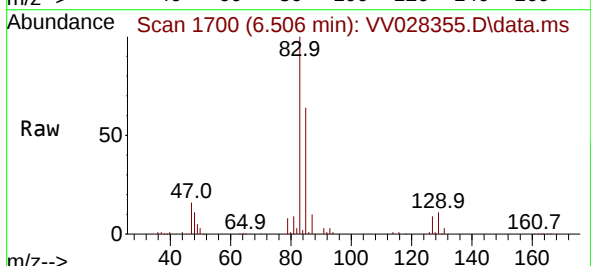
Tgt Ion: 83 Resp: 99847

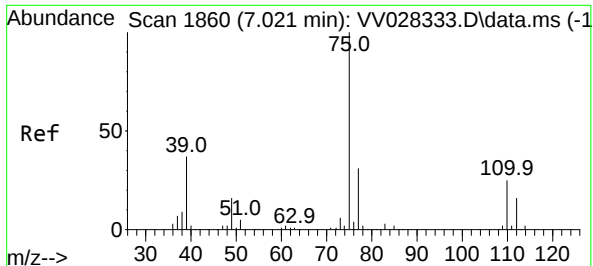
Ion Ratio Lower Upper

83 100

85 64.3 43.8 81.4

127 8.8 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.695 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV028355.D

Acq: 05 Oct 2022 03:24

Instrument :

MSVOA_V

ClientSampleId :

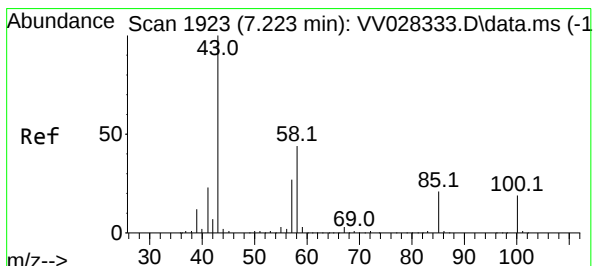
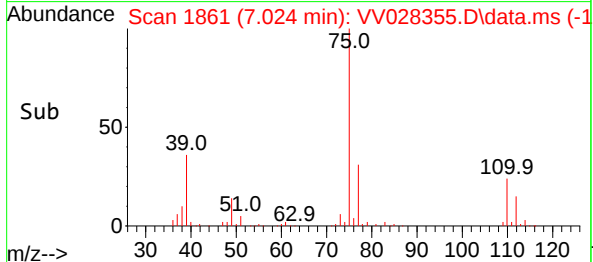
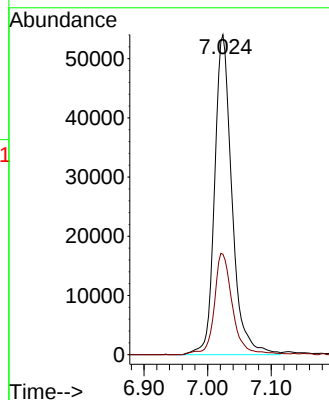
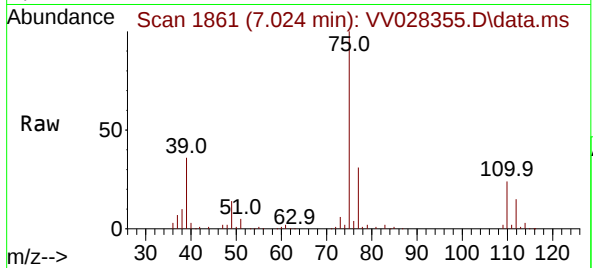
EXFW7MS

Tgt Ion: 75 Resp: 102544

Ion Ratio Lower Upper

75 100

77 31.4 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 54.871 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV028355.D

Acq: 05 Oct 2022 03:24

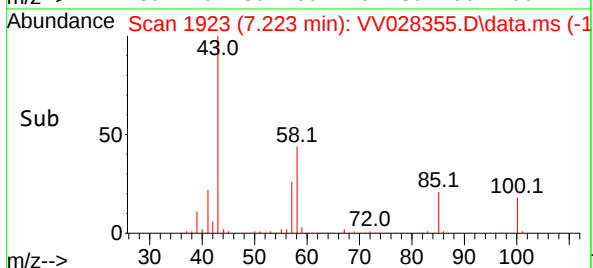
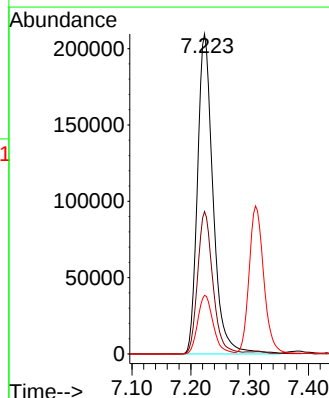
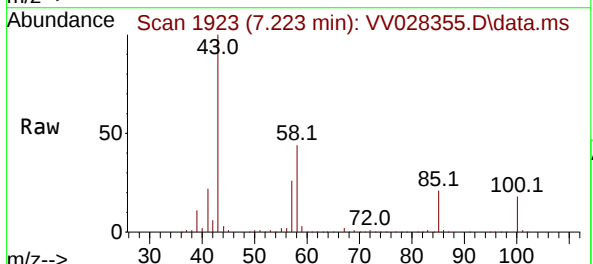
Tgt Ion: 43 Resp: 385765

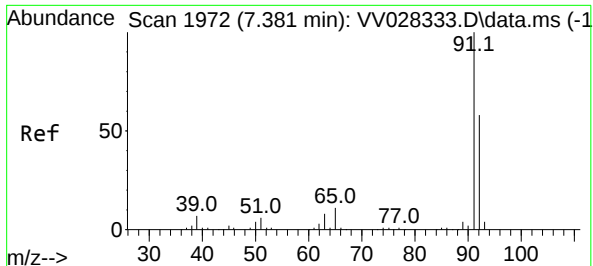
Ion Ratio Lower Upper

43 100

58 43.4 32.2 48.4

100 18.2 12.7 19.1





#42

Toluene

Concen: 5.034 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. -0.000 min

Lab File: VV028355.D

Acq: 05 Oct 2022 03:24

Instrument :

MSVOA_V

ClientSampleId :

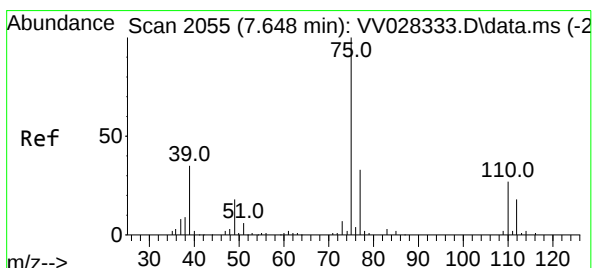
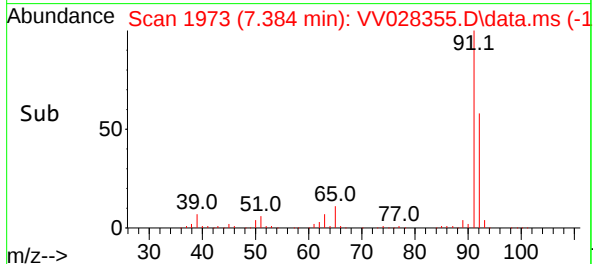
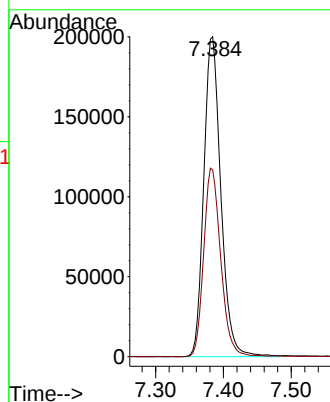
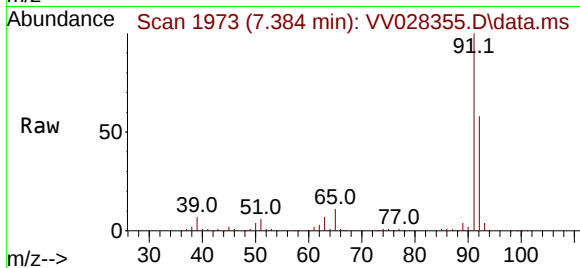
EXFW7MS

Tgt Ion: 91 Resp: 350010

Ion Ratio Lower Upper

91 100

92 58.4 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 4.601 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV028355.D

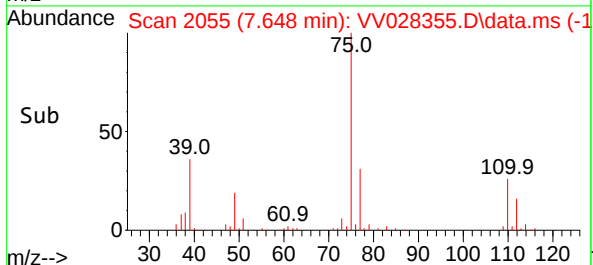
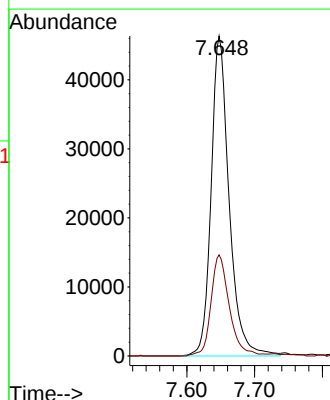
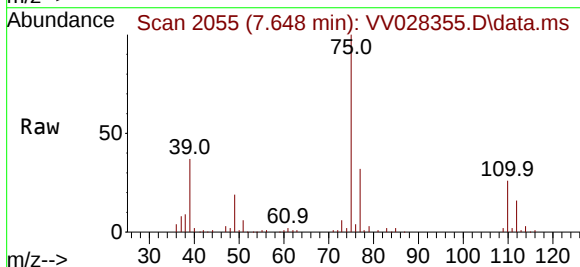
Acq: 05 Oct 2022 03:24

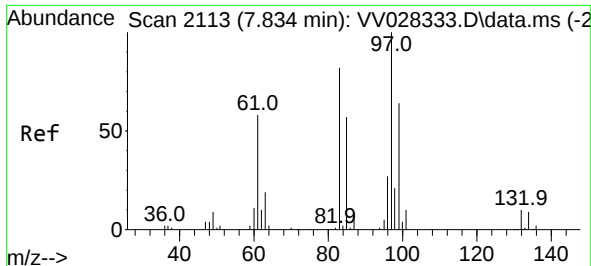
Tgt Ion: 75 Resp: 85384

Ion Ratio Lower Upper

75 100

77 31.6 23.9 44.3

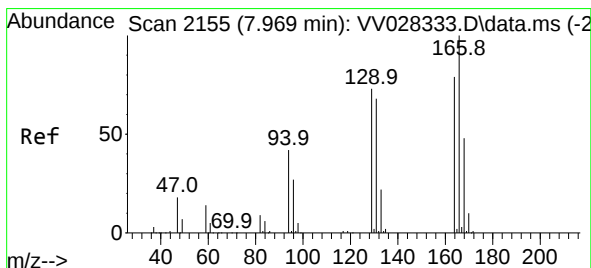
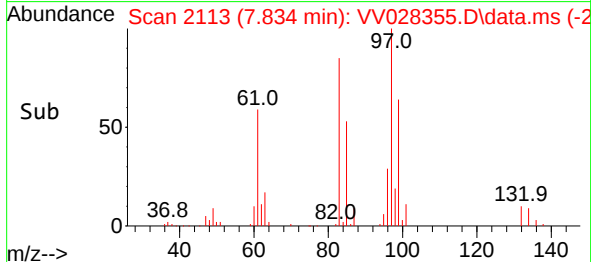
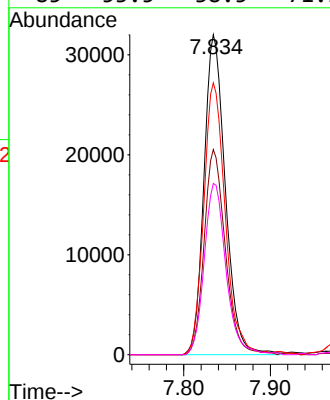
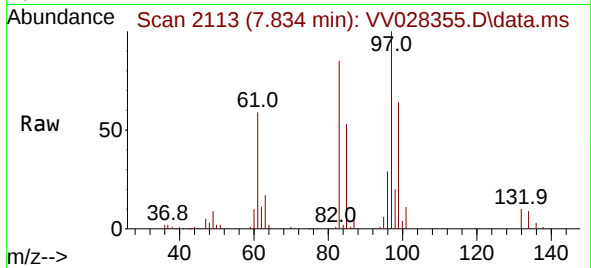




#45
1,1,2-Trichloroethane
Concen: 4.833 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VV028355.D
Acq: 05 Oct 2022 03:24

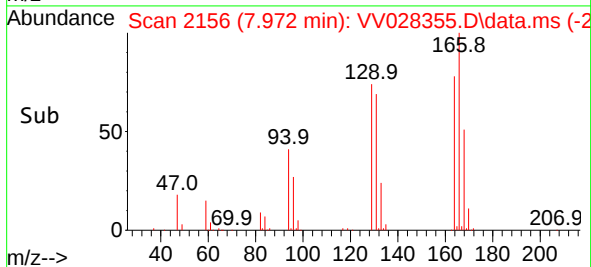
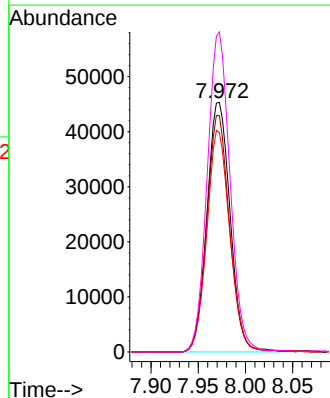
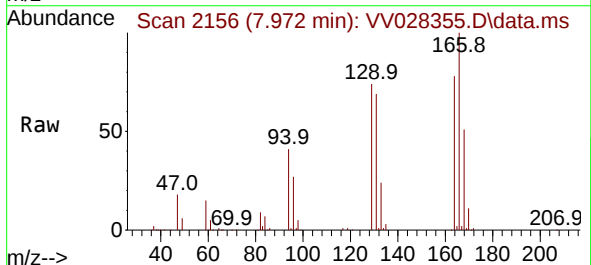
Instrument :
MSVOA_V
ClientSampleId :
EXFW7MS

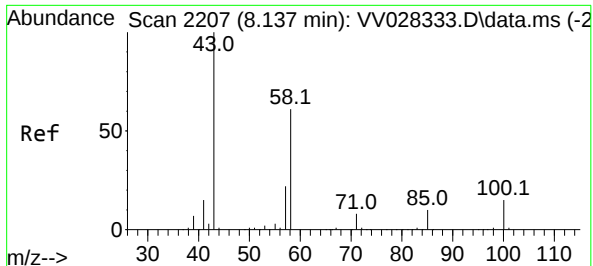
Tgt Ion: 97	Resp: 54856
Ion Ratio	Lower Upper
97 100	
99 64.1	43.2 80.2
83 84.9	59.1 109.9
85 53.5	38.5 71.5



#47
Tetrachloroethene
Concen: 5.352 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028355.D
Acq: 05 Oct 2022 03:24

Tgt	Ion:164	Resp:	77385
Ion	Ratio	Lower	Upper
164	100		
129	94.7	66.7	123.9
131	87.9	61.7	114.5
166	128.2	90.9	168.9



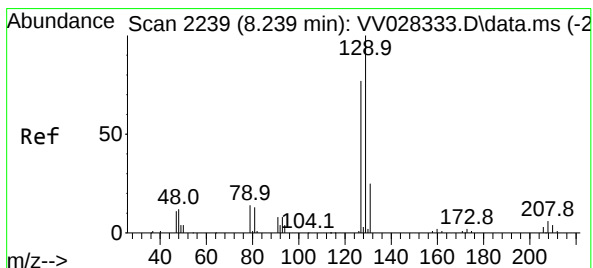
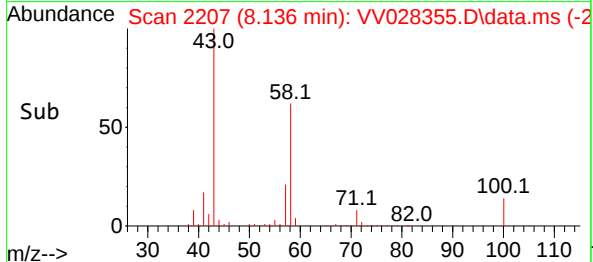
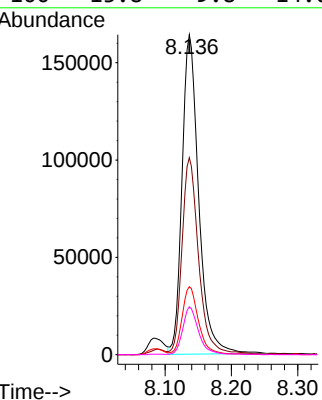
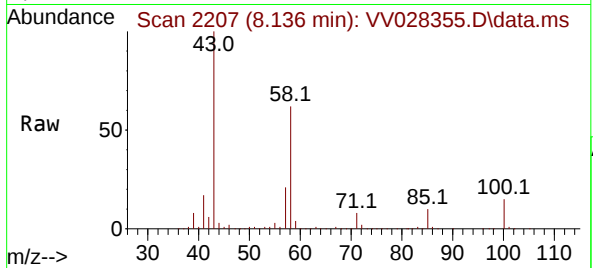


#48
2-Hexanone
Concen: 58.181 ug/L
RT: 8.136 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028355.D
Acq: 05 Oct 2022 03:24

Instrument :
MSVOA_V
ClientSampleId :
EXFW7MS

Tgt Ion: 43 Resp: 286485

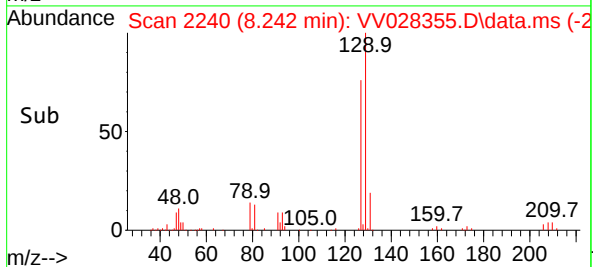
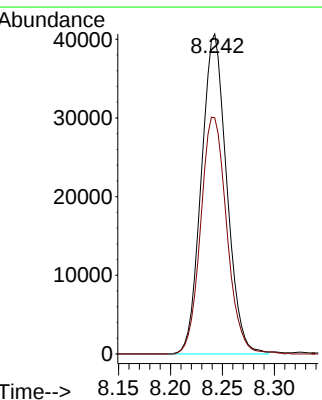
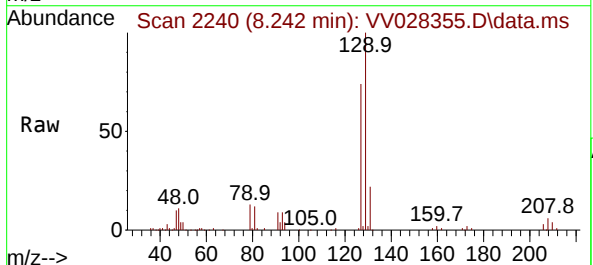
Ion	Ratio	Lower	Upper
43	100		
58	61.0	45.7	68.5
57	20.6	15.5	23.3
100	13.8	9.8	14.6

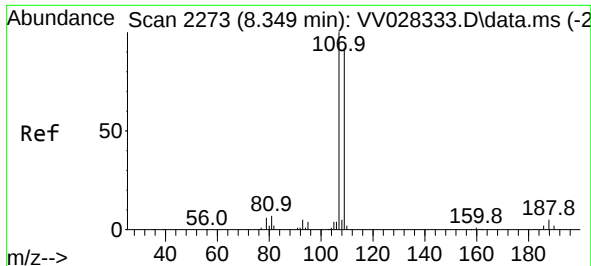


#49
Dibromochloromethane
Concen: 4.813 ug/L
RT: 8.242 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV028355.D
Acq: 05 Oct 2022 03:24

Tgt Ion: 129 Resp: 69141

Ion	Ratio	Lower	Upper
129	100		
127	73.8	54.3	100.9





#50

1,2-Dibromoethane

Concen: 5.024 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV028355.D

Acq: 05 Oct 2022 03:24

Instrument :

MSVOA_V

ClientSampleId :

EXFW7MS

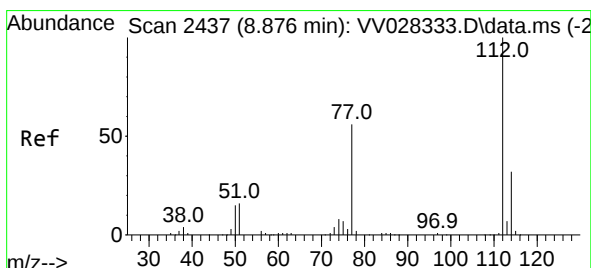
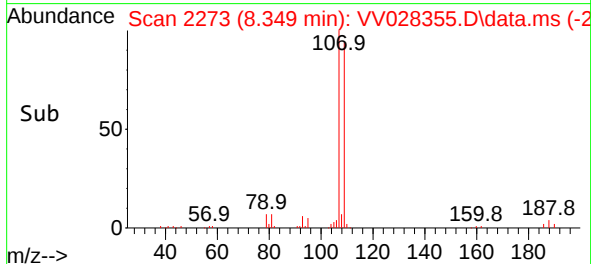
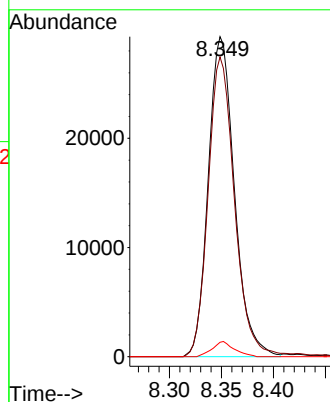
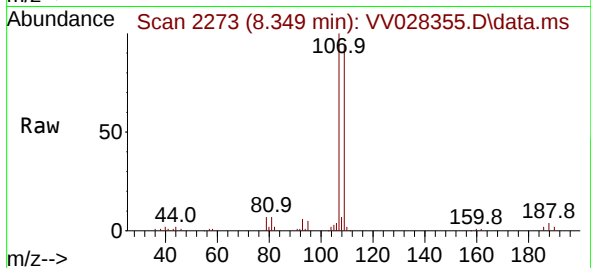
Tgt Ion:107 Resp: 51315

Ion Ratio Lower Upper

107 100

109 93.7 65.9 122.5

188 4.5 3.4 5.0



#51

Chlorobenzene

Concen: 10.006 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.003 min

Lab File: VV028355.D

Acq: 05 Oct 2022 03:24

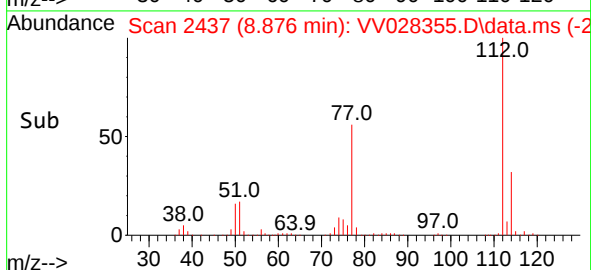
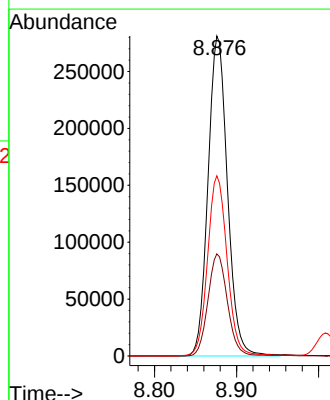
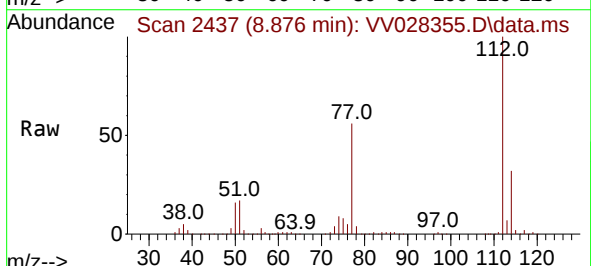
Tgt Ion:112 Resp: 462624

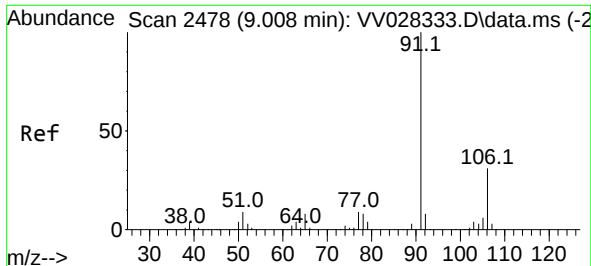
Ion Ratio Lower Upper

112 100

114 31.9 22.5 41.7

77 56.3 46.1 69.1

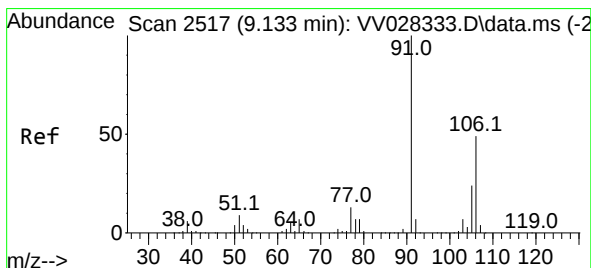
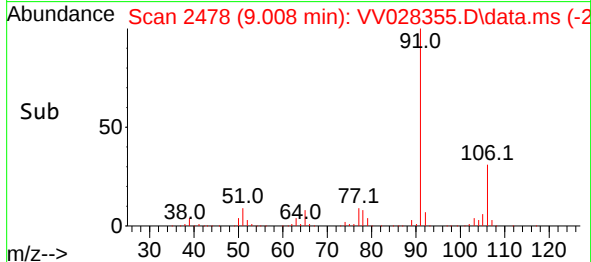
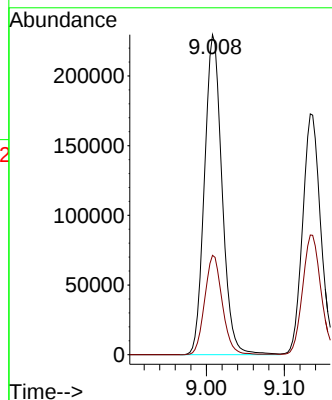
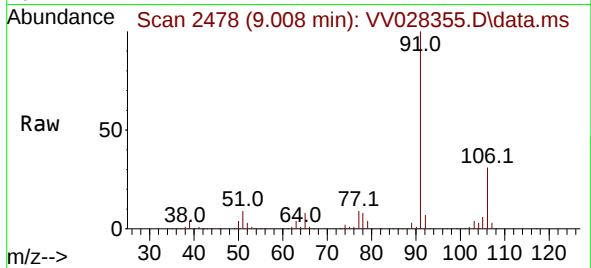




#52
Ethylbenzene
Concen: 4.927 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV028355.D
Acq: 05 Oct 2022 03:24

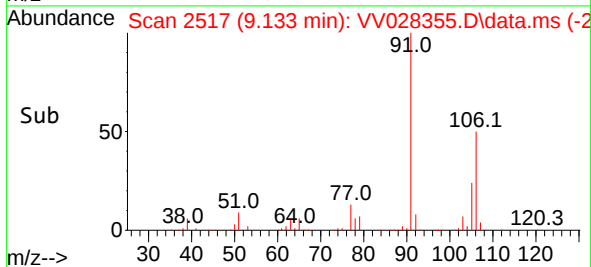
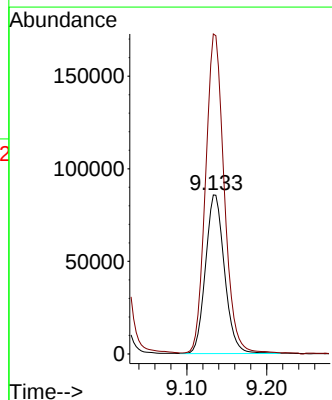
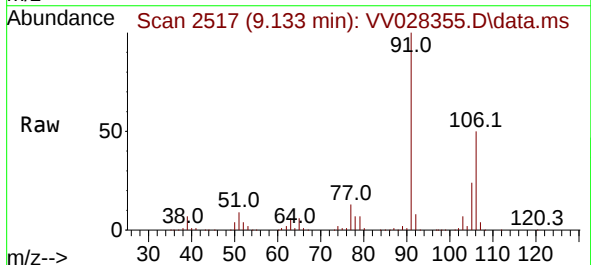
Instrument :
MSVOA_V
ClientSampleId :
EXFW7MS

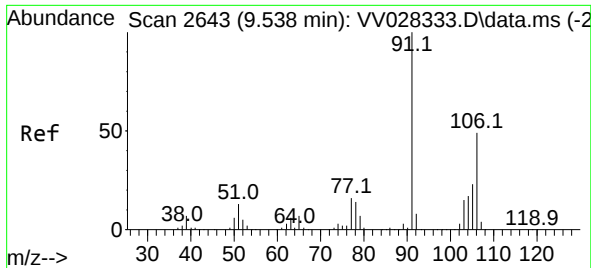
Tgt Ion: 91 Resp: 359952
Ion Ratio Lower Upper
91 100
106 31.1 21.5 39.9



#53
m,p-Xylene
Concen: 4.867 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.000 min
Lab File: VV028355.D
Acq: 05 Oct 2022 03:24

Tgt Ion: 106 Resp: 141767
Ion Ratio Lower Upper
106 100
91 201.2 141.9 263.5

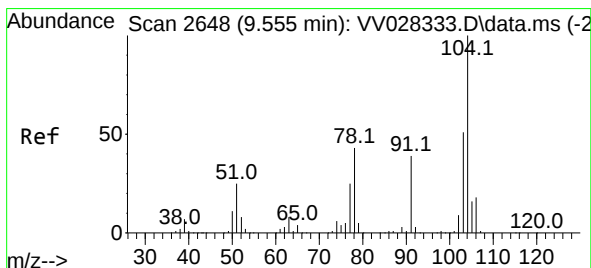
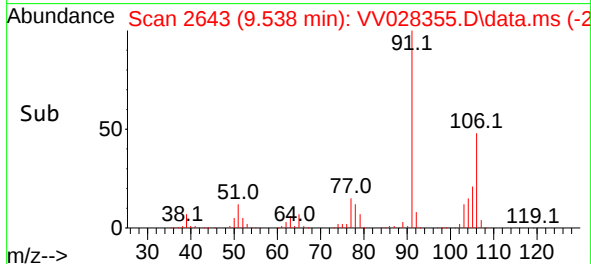
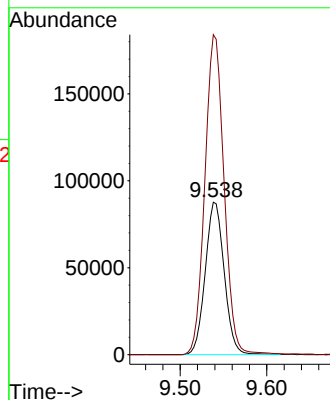
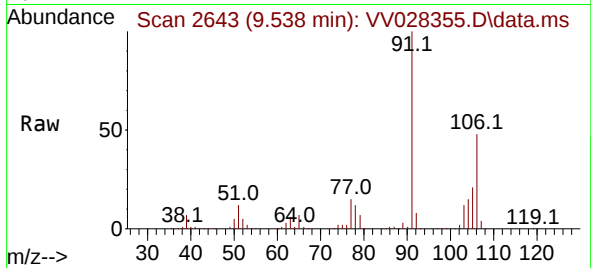




#54
o-Xylene
Concen: 4.854 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV028355.D
Acq: 05 Oct 2022 03:24

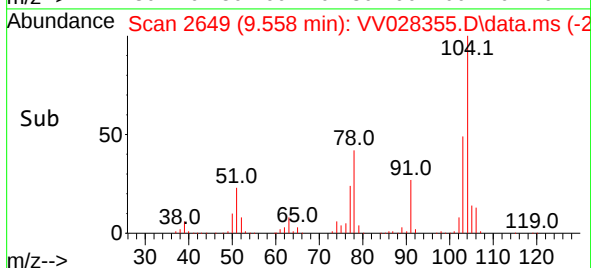
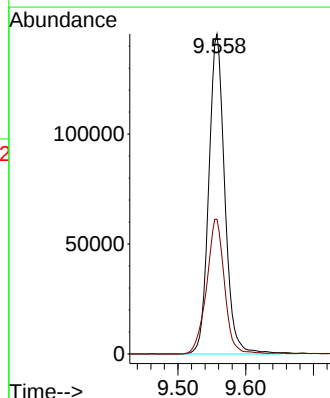
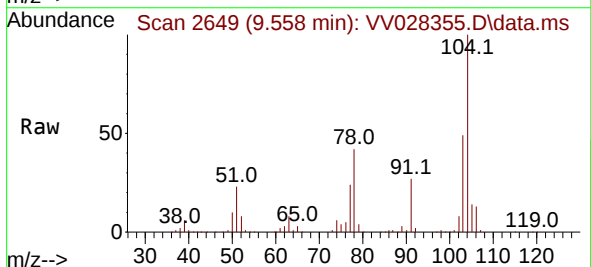
Instrument :
MSVOA_V
ClientSampleId :
EXFW7MS

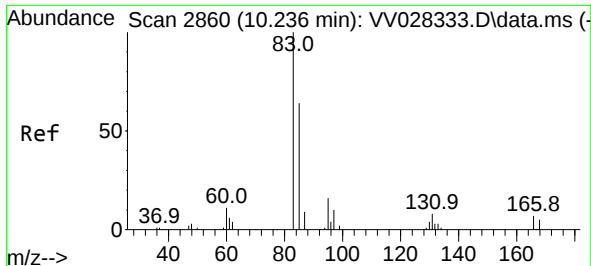
Tgt Ion:106 Resp: 133721
Ion Ratio Lower Upper
106 100
91 209.8 148.1 275.0



#55
Styrene
Concen: 5.026 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV028355.D
Acq: 05 Oct 2022 03:24

Tgt Ion:104 Resp: 237940
Ion Ratio Lower Upper
104 100
78 42.1 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.164 ug/L

RT: 10.236 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV028355.D

Acq: 05 Oct 2022 03:24

Instrument :

MSVOA_V

ClientSampleId :

EXFW7MS

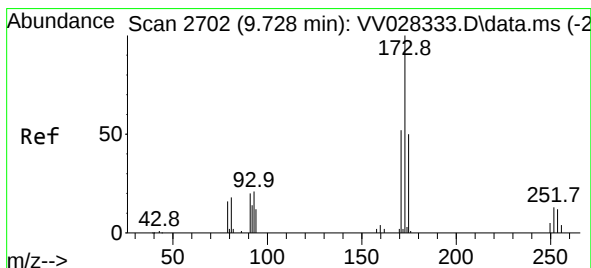
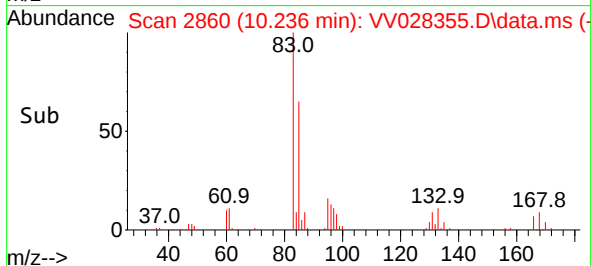
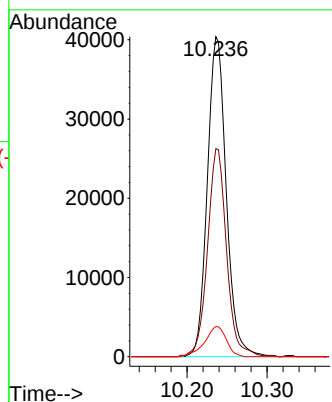
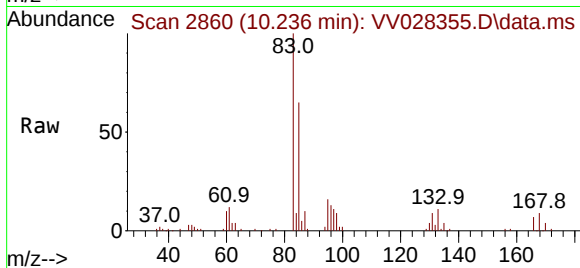
Tgt Ion: 83 Resp: 66497

Ion Ratio Lower Upper

83 100

85 65.0 45.2 84.0

131 9.4 7.8 11.8



#59

Bromoform

Concen: 4.360 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.000 min

Lab File: VV028355.D

Acq: 05 Oct 2022 03:24

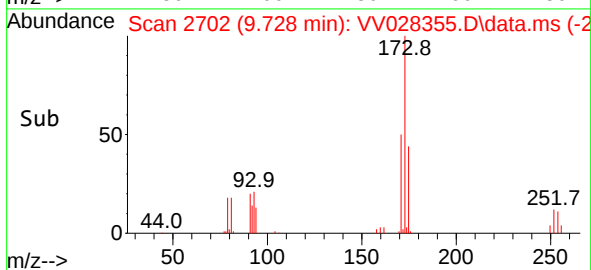
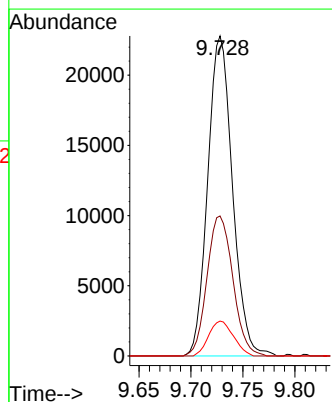
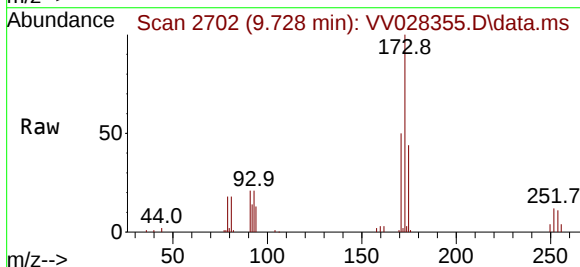
Tgt Ion: 173 Resp: 37700

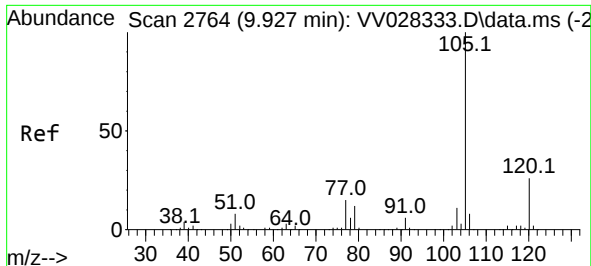
Ion Ratio Lower Upper

173 100

175 45.7 39.0 58.4

254 10.9 8.7 13.1

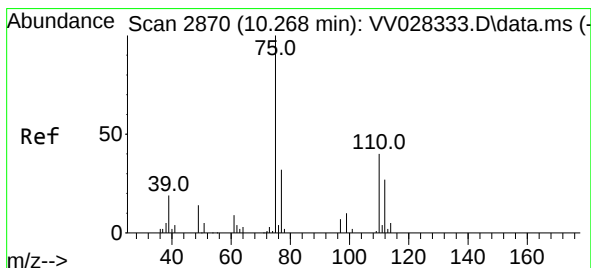
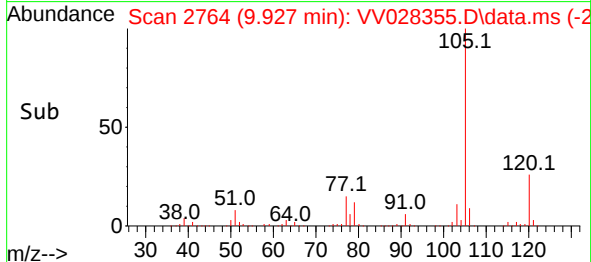
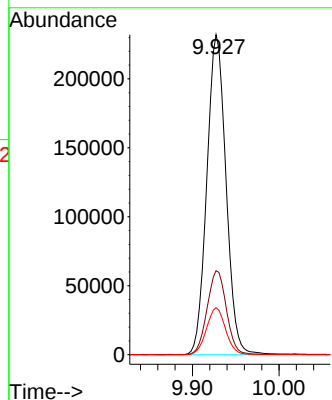
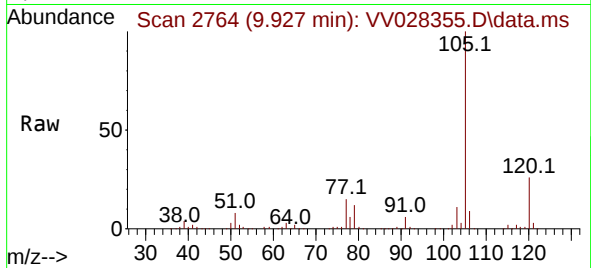




#60
Isopropylbenzene
Concen: 4.445 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. -0.000 min
Lab File: VV028355.D
Acq: 05 Oct 2022 03:24

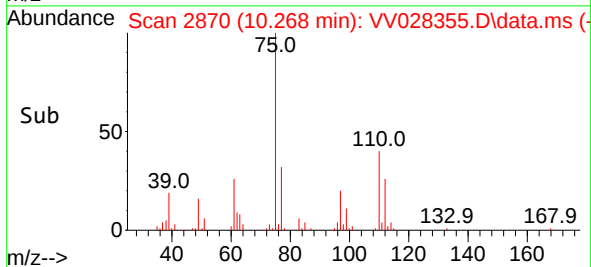
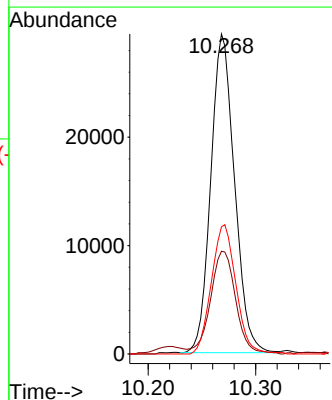
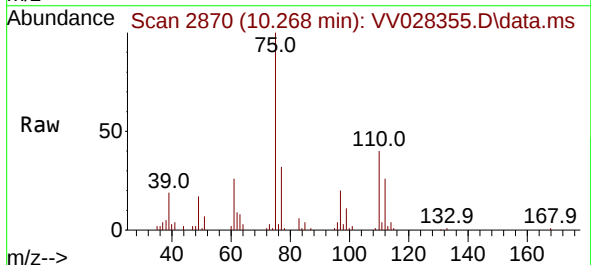
Instrument :
MSVOA_V
ClientSampleId :
EXFW7MS

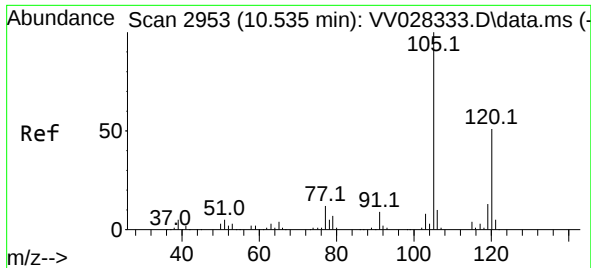
Tgt Ion:105 Resp: 357068
Ion Ratio Lower Upper
105 100
120 26.4 21.4 32.0
77 14.6 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.451 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VV028355.D
Acq: 05 Oct 2022 03:24

Tgt Ion: 75 Resp: 45083
Ion Ratio Lower Upper
75 100
77 34.2 26.7 40.1
110 42.0 30.1 45.1

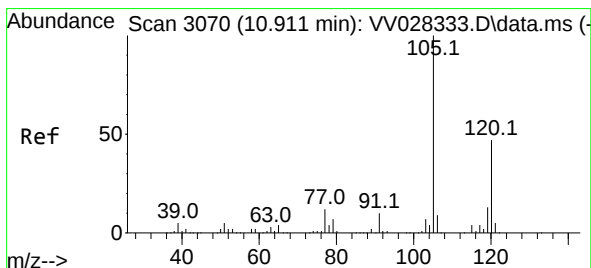
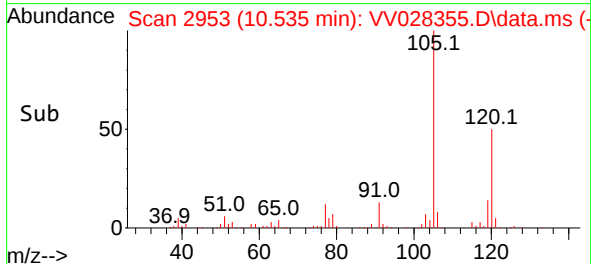
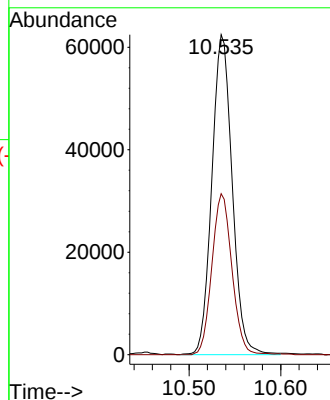
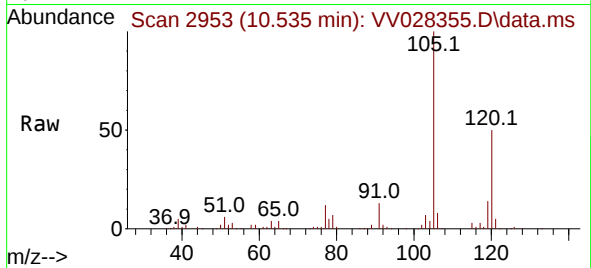




#62
 1,3,5-Trimethylbenzene
 Concen: 4.219 ug/L
 RT: 10.535 min Scan# 2953
 Delta R.T. -0.000 min
 Lab File: VV028355.D
 Acq: 05 Oct 2022 03:24

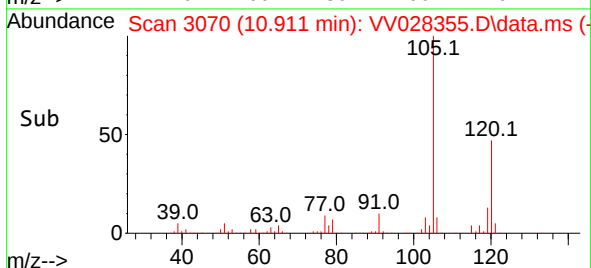
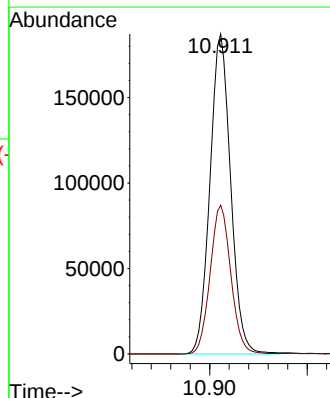
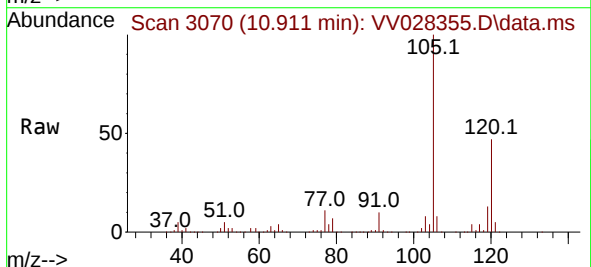
Instrument :
 MSVOA_V
 ClientSampleId :
 EXFW7MS

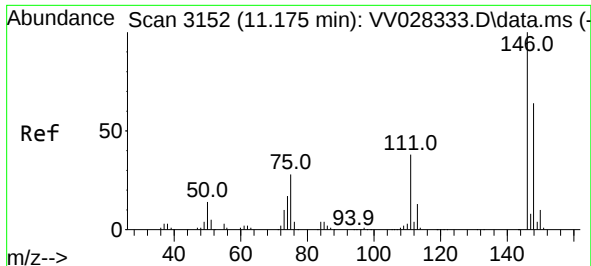
Tgt Ion:105 Resp: 96294
 Ion Ratio Lower Upper
 105 100
 120 49.4 40.6 61.0



#63
 1,2,4-Trimethylbenzene
 Concen: 4.271 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.000 min
 Lab File: VV028355.D
 Acq: 05 Oct 2022 03:24

Tgt Ion:105 Resp: 276316
 Ion Ratio Lower Upper
 105 100
 120 46.5 37.8 56.8

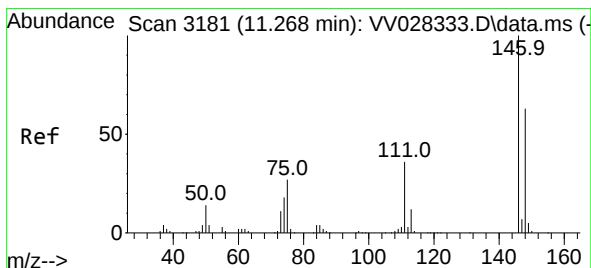
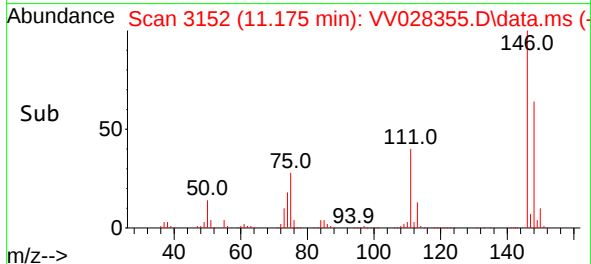
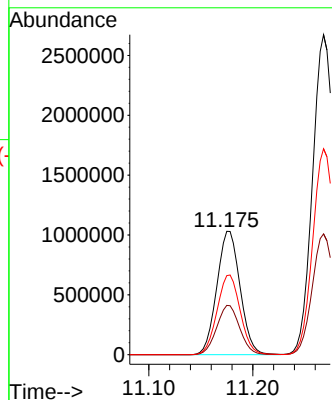
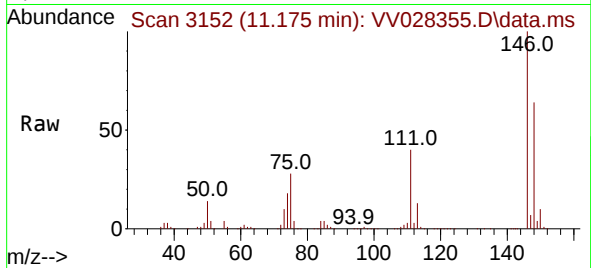




#64
1,3-Dichlorobenzene
Concen: 40.591 ug/L
RT: 11.175 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VV028355.D
Acq: 05 Oct 2022 03:24

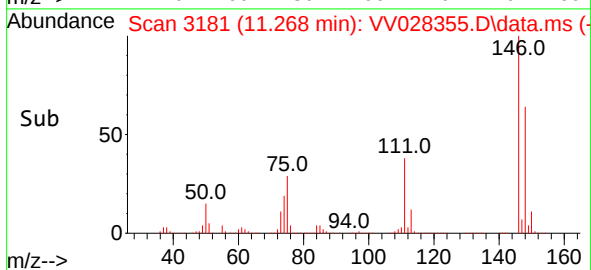
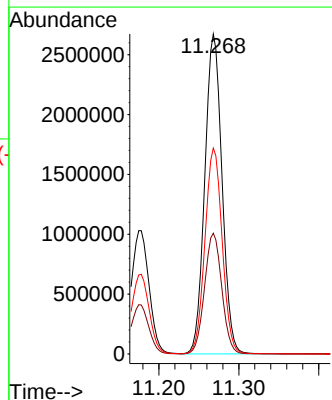
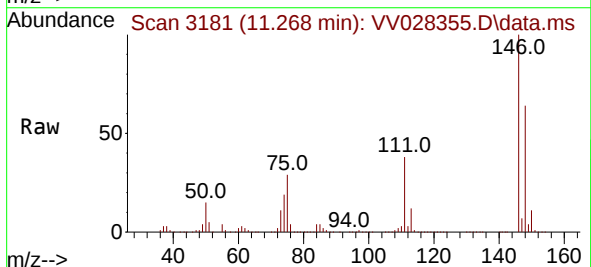
Instrument :
MSVOA_V
ClientSampleId :
EXFW7MS

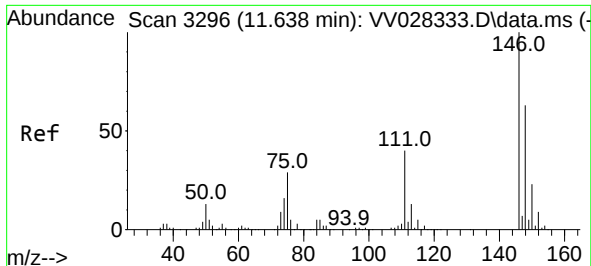
Tgt Ion:146 Resp: 1601799
Ion Ratio Lower Upper
146 100
111 39.9 27.1 50.3
148 64.0 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 101.239 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VV028355.D
Acq: 05 Oct 2022 03:24

Tgt Ion:146 Resp: 4000334
Ion Ratio Lower Upper
146 100
111 37.7 26.2 48.8
148 64.3 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 106.672 ug/L

RT: 11.638 min Scan# 3296

Delta R.T. -0.003 min

Lab File: VV028355.D

Acq: 05 Oct 2022 03:24

Instrument :

MSVOA_V

ClientSampleId :

EXFW7MS

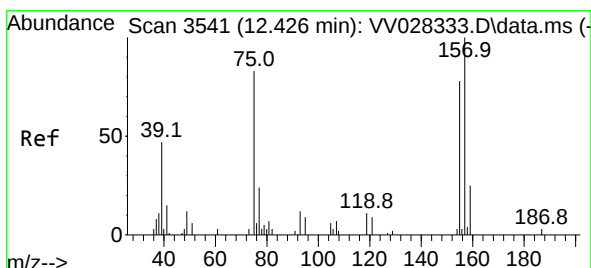
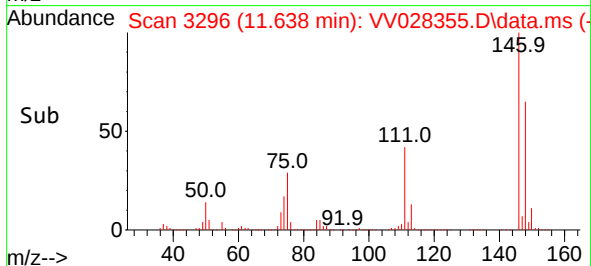
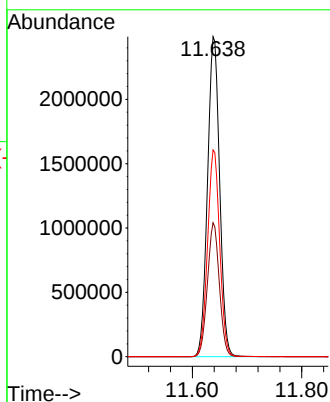
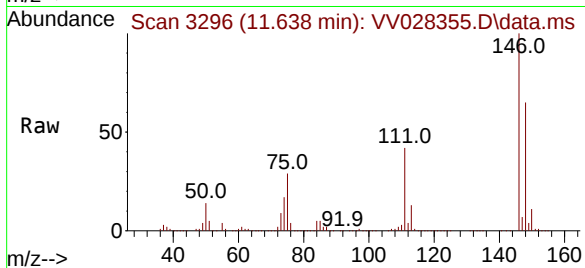
Tgt Ion:146 Resp: 3817806

Ion Ratio Lower Upper

146 100

111 41.8 32.6 49.0

148 64.6 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 4.480 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV028355.D

Acq: 05 Oct 2022 03:24

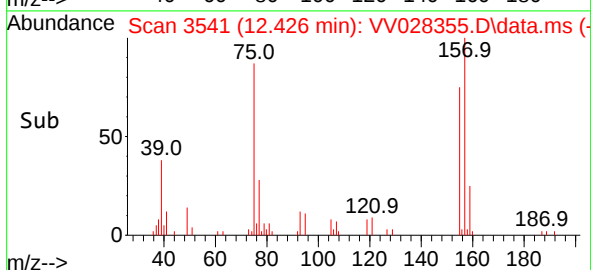
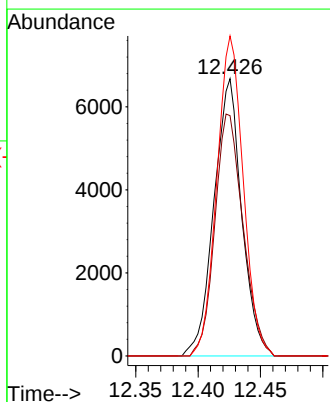
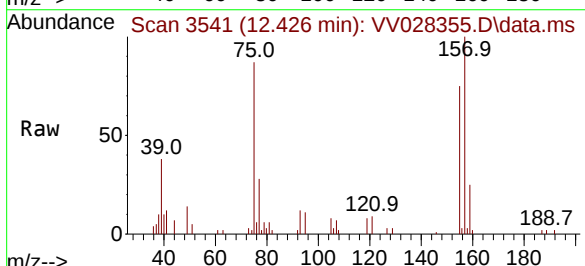
Tgt Ion: 75 Resp: 10336

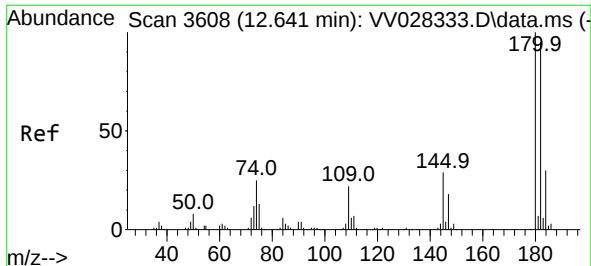
Ion Ratio Lower Upper

75 100

155 86.7 73.6 110.4

157 115.4 90.7 136.1





#69

1,3,5-Trichlorobenzene

Concen: 4.451 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. -0.000 min

Lab File: VV028355.D

Acq: 05 Oct 2022 03:24

Instrument :

MSVOA_V

ClientSampleId :

EXFW7MS

Tgt Ion:180 Resp: 138924

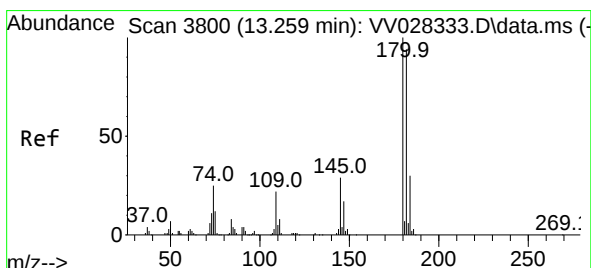
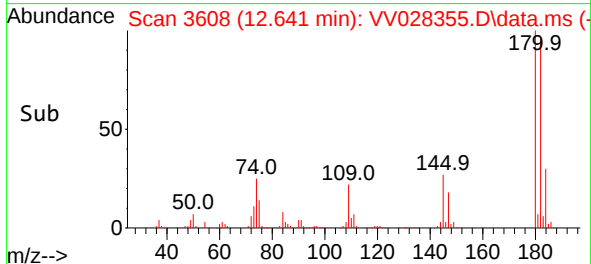
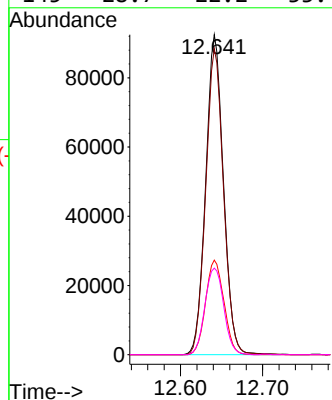
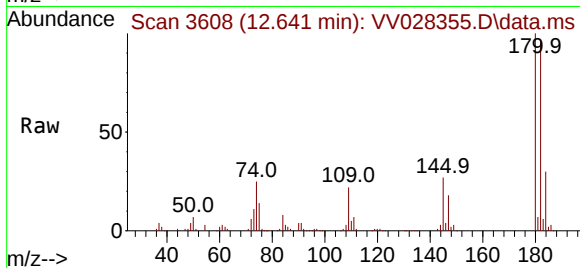
Ion Ratio Lower Upper

180 100

182 95.9 75.5 113.3

184 30.5 23.7 35.5

145 28.7 22.2 33.4



#70

1,2,4-trichlorobenzene

Concen: 9.360 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV028355.D

Acq: 05 Oct 2022 03:24

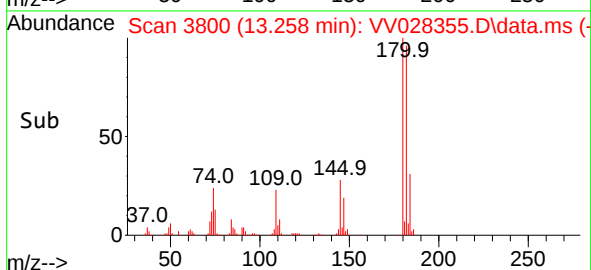
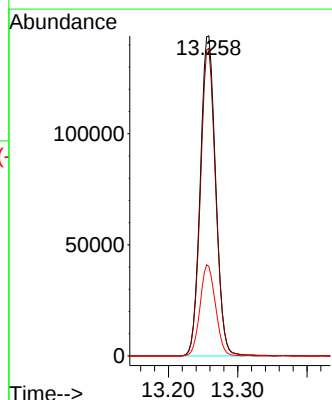
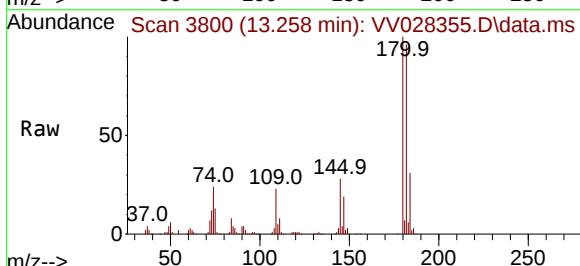
Tgt Ion:180 Resp: 222655

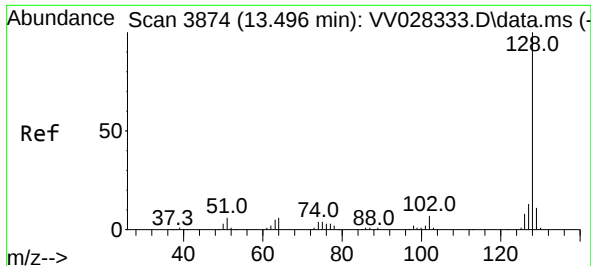
Ion Ratio Lower Upper

180 100

182 95.2 76.3 114.5

145 28.5 22.9 34.3

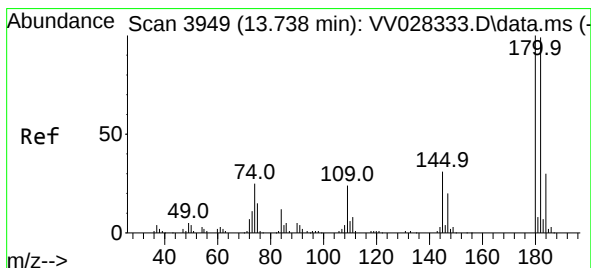
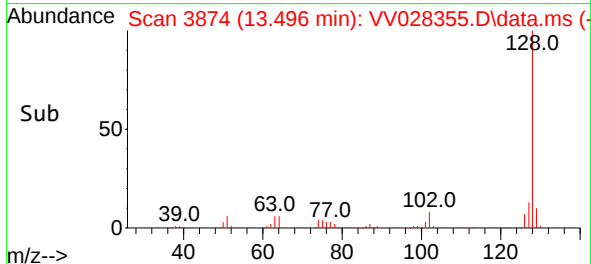
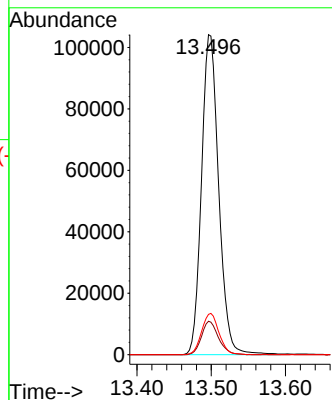
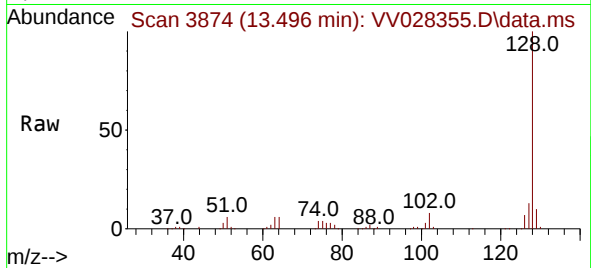




#71
Naphthalene
Concen: 4.508 ug/L
RT: 13.496 min Scan# 3950
Delta R.T. -0.003 min
Lab File: VV028355.D
Acq: 05 Oct 2022 03:24

Instrument :
MSVOA_V
ClientSampleId :
EXFW7MS

Tgt Ion:128 Resp: 167462
Ion Ratio Lower Upper
128 100
129 10.3 8.2 12.2
127 13.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 7.031 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV028355.D
Acq: 05 Oct 2022 03:24

Tgt Ion:180 Resp: 150759
Ion Ratio Lower Upper
180 100
182 97.3 77.4 116.0
145 31.0 24.6 36.8

