

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012623\
 Data File : VW029968.D
 Acq On : 26 Jan 2023 20:23
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB218

Quant Time: Jan 27 01:31:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 27 01:28:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	159946	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	152325	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	96228	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	50465	4.160	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.564	69	51152	5.086	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.105	63	98366	4.448	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	3.892	46	166827	77.584	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	155.160%#
24) Chloroform-d	4.336	84	114887	5.162	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.021	65	50301	5.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.040	84	213390	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.059	67	73567	5.563	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.200%
41) Toluene-d8	7.307	98	175294	4.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	7.612	79	22338	4.625	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.082	63	136353	69.349	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	138.700%#
56) 1,1,2,2-Tetrachloroeth...	10.204	84	58849	6.073	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	121.400%#
66) 1,2-Dichlorobenzene-d4	11.612	152	72987	4.172	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	64182	4.311	ug/L	96
3) Chloromethane	1.240	50	86354	5.512	ug/L	100
5) Vinyl chloride	1.307	62	88184	5.740	ug/L	100
6) Bromomethane	1.516	94	32033	4.283	ug/L	98
8) Chloroethane	1.580	64	56720	6.085	ug/L	100
9) Trichlorofluoromethane	1.748	101	95551	4.748	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	54534	4.600	ug/L	94
12) 1,1-Dichloroethene	2.114	96	58929	4.315	ug/L	92
13) Acetone	2.185	43	93804	61.121	ug/L	98
14) Carbon disulfide	2.288	76	184607	4.695	ug/L	99
15) Methyl Acetate	2.436	43	23553	5.893	ug/L	91
16) Methylene chloride	2.500	84	82271	4.849	ug/L	92
17) Methyl tert-butyl Ether	2.764	73	135442	5.735	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	64117	5.050	ug/L	93
19) 1,1-Dichloroethane	3.178	63	123056	5.794	ug/L	98
21) 2-Butanone	3.973	43	136988	62.306	ug/L	98
22) cis-1,2-Dichloroethene	3.899	96	68514	5.065	ug/L	87
23) Bromochloromethane	4.236	128	29639	5.305	ug/L #	82
25) Chloroform	4.362	83	123698	5.358	ug/L	95

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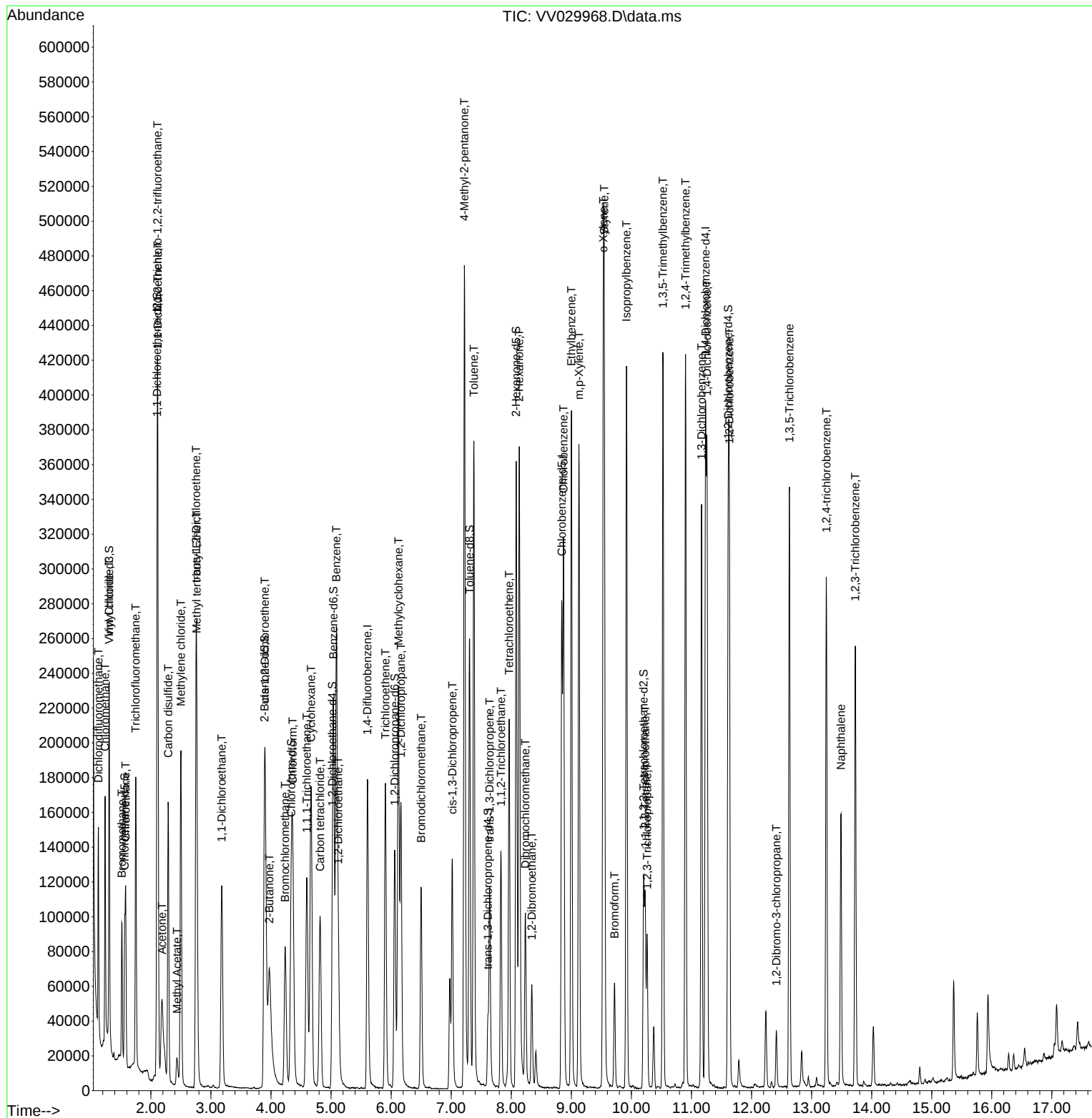
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	62826	5.601	ug/L	100
29) 1,1,1-Trichloroethane	4.596	97	97596	4.934	ug/L	96
30) Cyclohexane	4.667	56	94966	5.072	ug/L	96
31) Carbon tetrachloride	4.818	117	74939	4.354	ug/L	98
33) Benzene	5.088	78	277628	5.513	ug/L	100
34) Trichloroethene	5.905	95	64678	5.068	ug/L	96
35) Methylcyclohexane	6.124	83	94533	4.387	ug/L	95
37) 1,2-Dichloropropane	6.162	63	71187	6.036	ug/L	98
38) Bromodichloromethane	6.500	83	80871	5.302	ug/L	98
39) cis-1,3-Dichloropropene	7.018	75	84154	5.321	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	319050	63.390	ug/L	95
42) Toluene	7.378	91	274712	5.057	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	68705	5.391	ug/L	100
45) 1,1,2-Trichloroethane	7.828	97	43927	5.169	ug/L	98
47) Tetrachloroethene	7.966	164	48076	4.474	ug/L	97
48) 2-Hexanone	8.133	43	233741	64.973	ug/L	96
49) Dibromochloromethane	8.236	129	49380	4.952	ug/L	98
50) 1,2-Dibromoethane	8.342	107	39700	5.382	ug/L	95
51) Chlorobenzene	8.870	112	170857	4.954	ug/L	99
52) Ethylbenzene	9.001	91	271266	4.772	ug/L	100
53) m,p-Xylene	9.127	106	103454	4.598	ug/L	96
54) o-Xylene	9.532	106	102800	4.814	ug/L	97
55) Styrene	9.548	104	179537	4.888	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	55076	5.835	ug/L	98
59) Bromoform	9.718	173	26479	4.248	ug/L	99
60) Isopropylbenzene	9.918	105	270770	4.402	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	36905	5.179	ug/L	97
62) 1,3,5-Trimethylbenzene	10.525	105	220158	4.177	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	224712	4.275	ug/L	99
64) 1,3-Dichlorobenzene	11.168	146	137832	4.413	ug/L	100
65) 1,4-Dichlorobenzene	11.258	146	138246	4.440	ug/L	98
67) 1,2-Dichlorobenzene	11.631	146	128507	4.577	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.413	75	7992	4.743	ug/L	98
69) 1,3,5-Trichlorobenzene	12.631	180	106394	4.232	ug/L	98
70) 1,2,4-trichlorobenzene	13.246	180	90226	4.593	ug/L	99
71) Naphthalene	13.490	128	128733	5.058	ug/L	100
72) 1,2,3-Trichlorobenzene	13.728	180	78370	4.806	ug/L	99

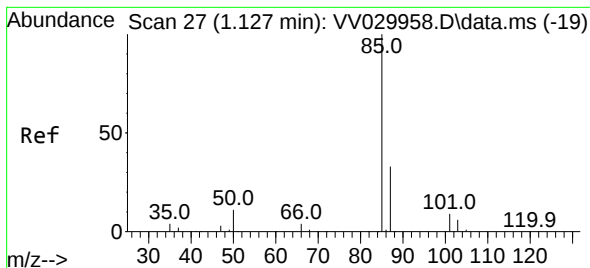
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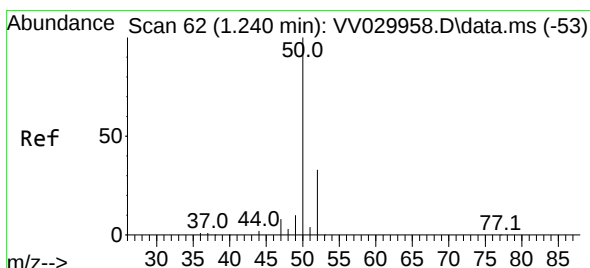
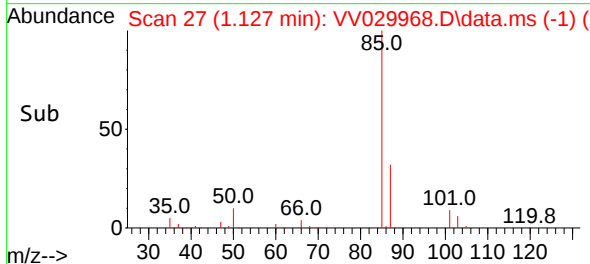
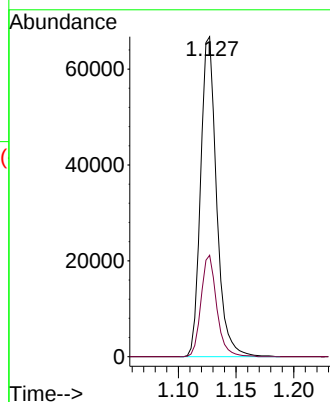
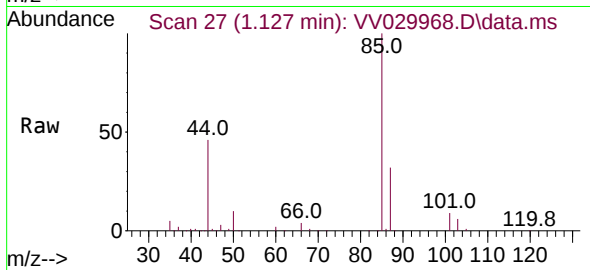




#2
 Dichlorodifluoromethane
 Concen: 4.311 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029968.D
 Acq: 26 Jan 2023 20:23

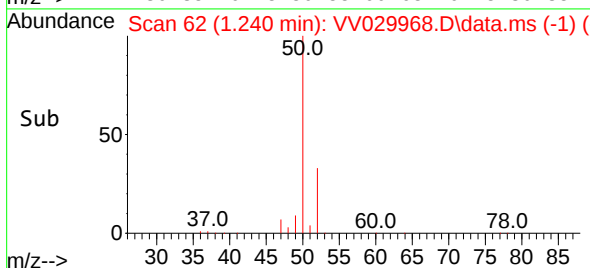
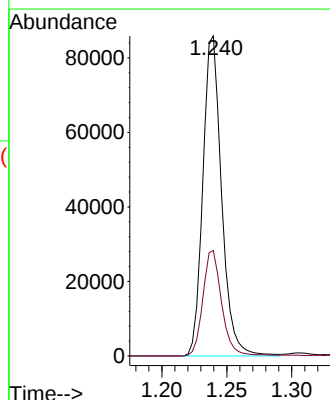
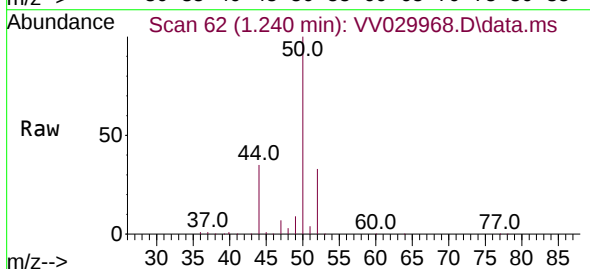
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 ClientSampleId :
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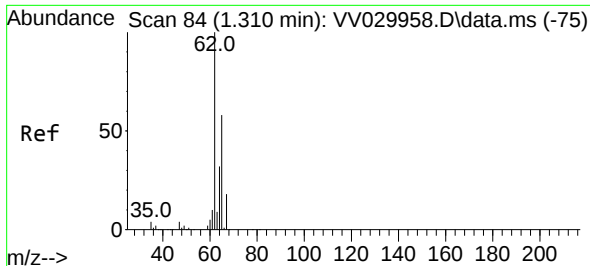
Tgt Ion: 85 Resp: 64182
 Ion Ratio Lower Upper
 85 100
 87 31.1 26.5 39.7



#3
 Chloromethane
 Concen: 5.512 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029968.D
 Acq: 26 Jan 2023 20:23

Tgt Ion: 50 Resp: 86354
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.1 42.9

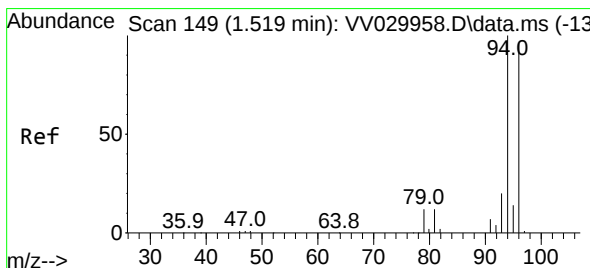
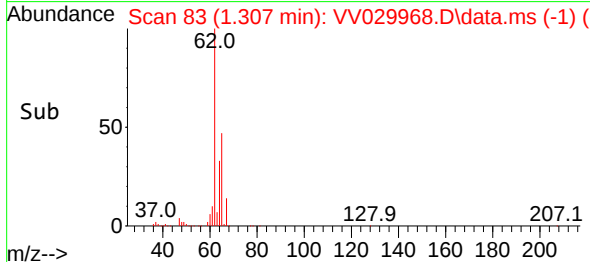
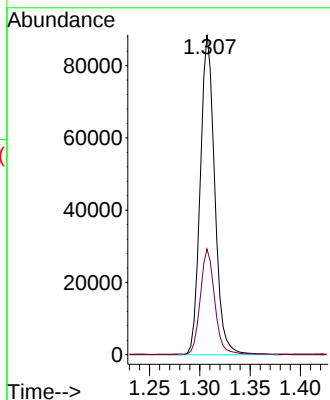
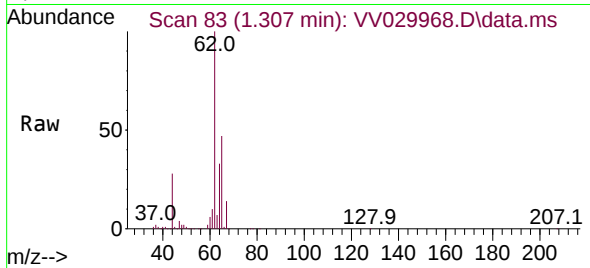




#5
 Vinyl chloride
 Concen: 5.740 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV029968.D
 Acq: 26 Jan 2023 20:23

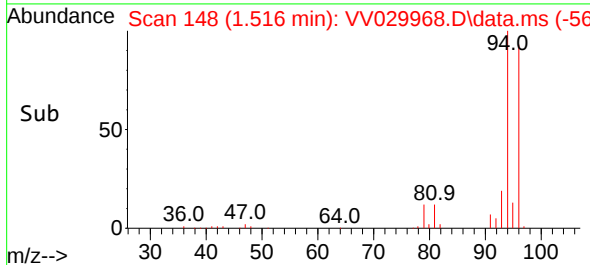
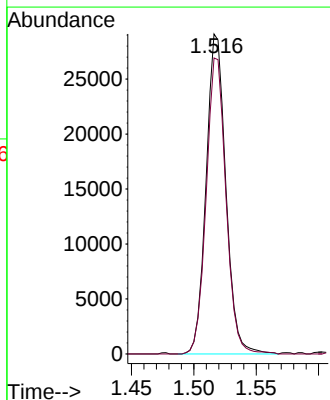
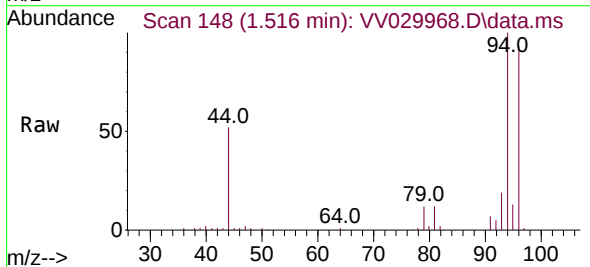
Instrument :
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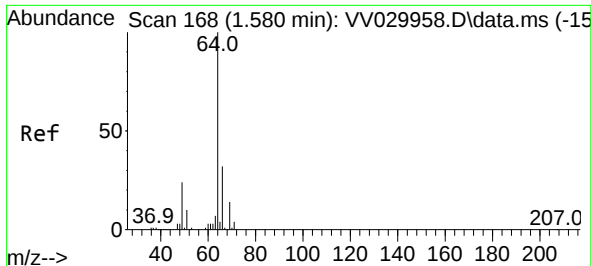
Tgt Ion: 62 Resp: 88184
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.2 43.2



#6
 Bromomethane
 Concen: 4.283 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.003 min
 Lab File: VV029968.D
 Acq: 26 Jan 2023 20:23

Tgt Ion: 94 Resp: 32033
 Ion Ratio Lower Upper
 94 100
 96 92.5 65.9 122.5

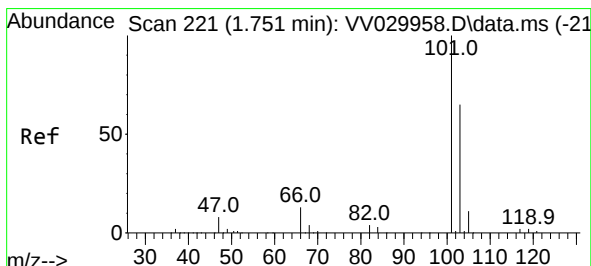
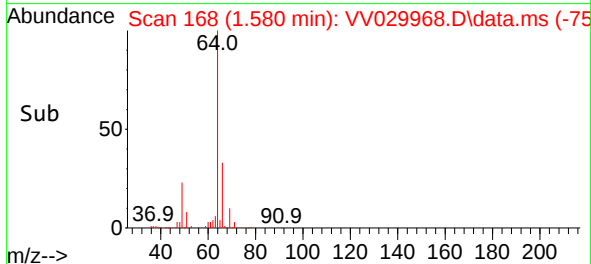
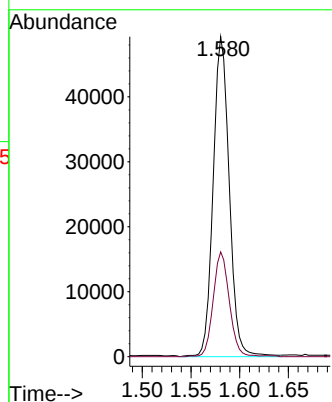
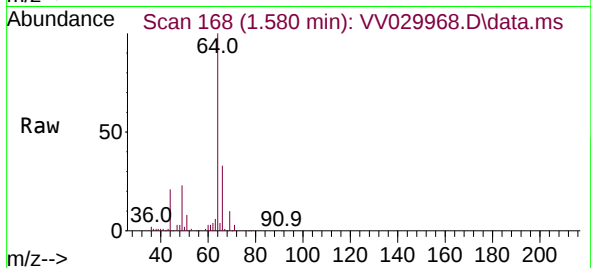




#8
Chloroethane
Concen: 6.085 ug/L
RT: 1.580 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV029968.D
Acq: 26 Jan 2023 20:23

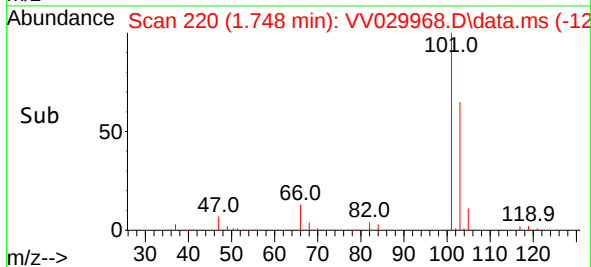
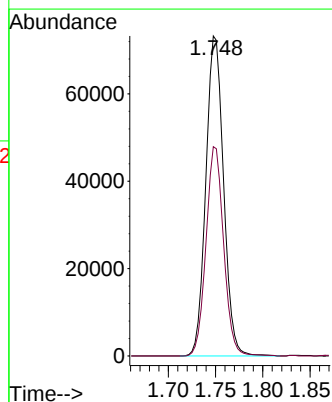
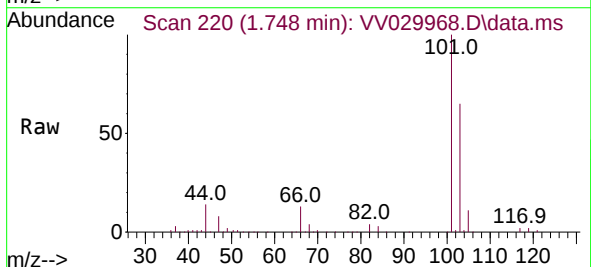
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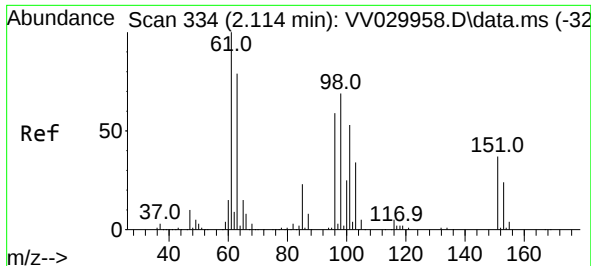
Tgt Ion: 64 Resp: 56720
Ion Ratio Lower Upper
64 100
66 32.7 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.748 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV029968.D
Acq: 26 Jan 2023 20:23

Tgt Ion:101 Resp: 95551
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.8

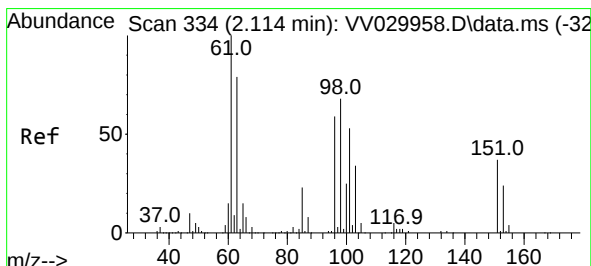
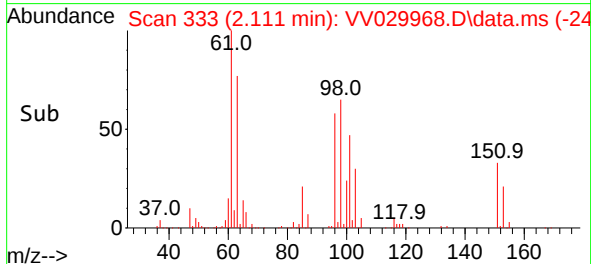
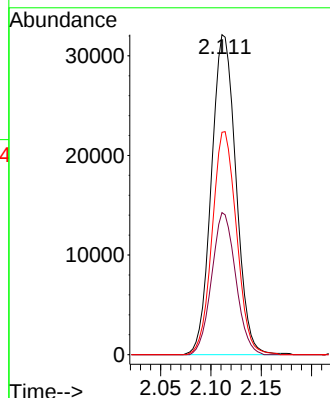
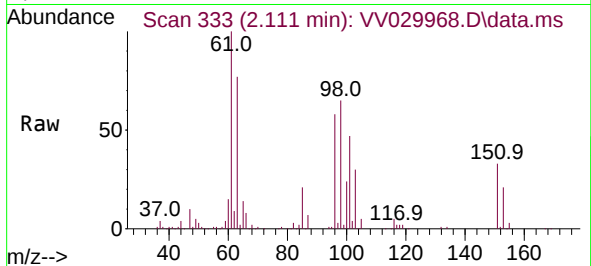




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.600 ug/L
 RT: 2.111 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV029968.D
 Acq: 26 Jan 2023 20:23

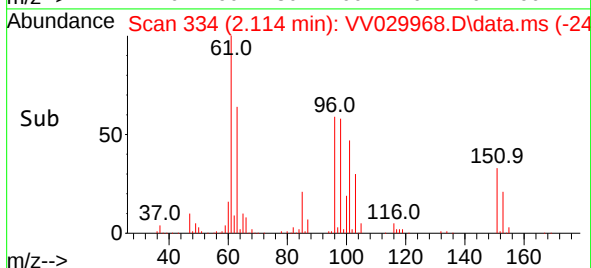
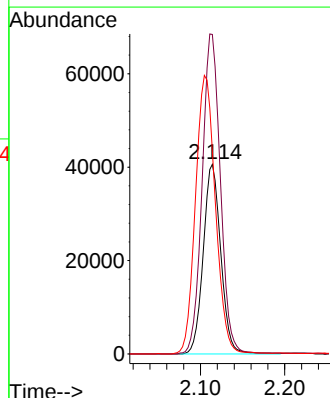
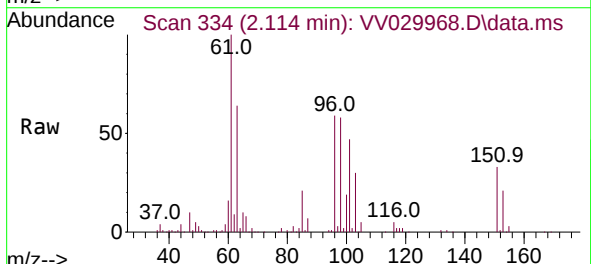
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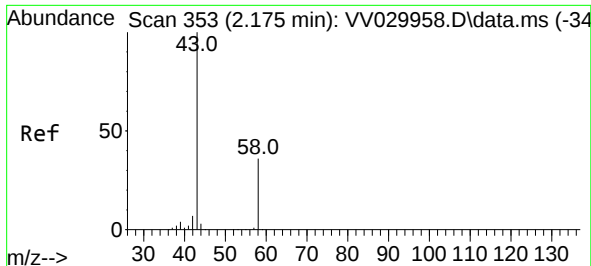
Tgt Ion:101 Resp: 54534
 Ion Ratio Lower Upper
 101 100
 85 43.4 32.9 49.3
 151 69.2 60.9 91.3



#12
 1,1-Dichloroethene
 Concen: 4.315 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV029968.D
 Acq: 26 Jan 2023 20:23

Tgt Ion: 96 Resp: 58929
 Ion Ratio Lower Upper
 96 100
 61 168.5 106.1 197.1
 63 107.1 76.4 141.8





#13

Acetone

Concen: 61.121 ug/L

RT: 2.185 min Scan# 353

Delta R.T. 0.010 min

Lab File: VV029968.D

Acq: 26 Jan 2023 20:23

Instrument :

MSVOA_V

ClientSampleId :

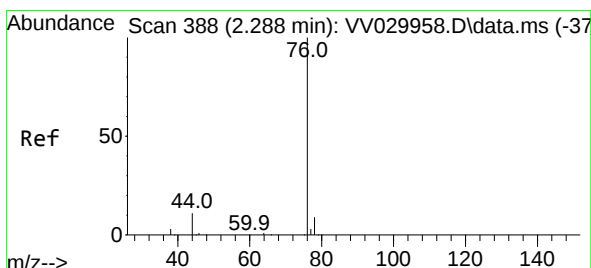
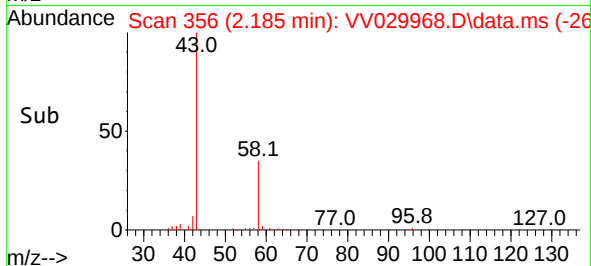
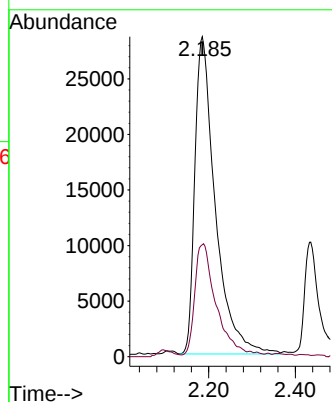
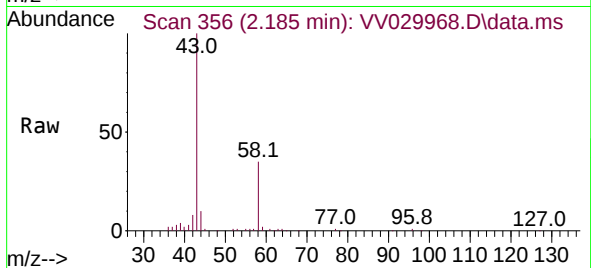
BFB218

Tgt Ion: 43 Resp: 93804

Ion Ratio Lower Upper

43 100

58 35.5 0.0 68.8



#14

Carbon disulfide

Concen: 4.695 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.000 min

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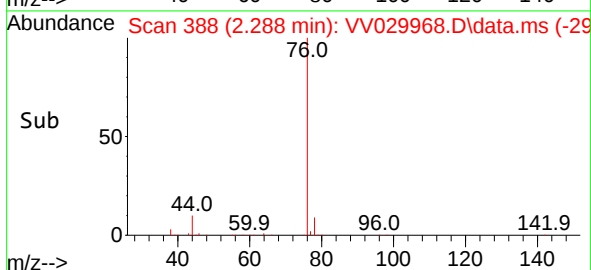
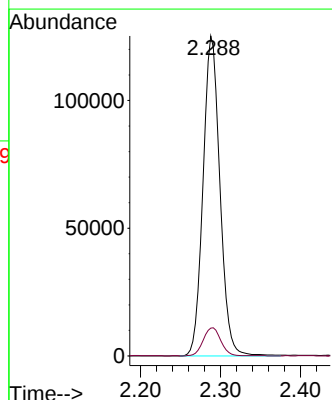
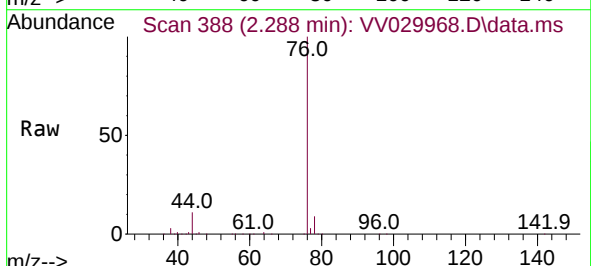
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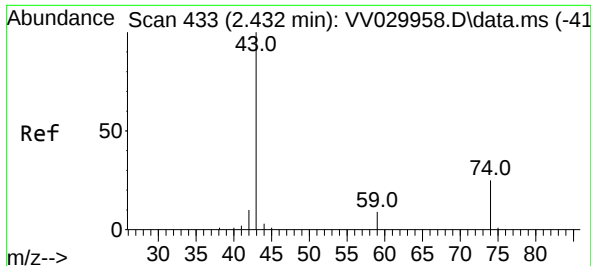
Tgt Ion: 76 Resp: 184607

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0

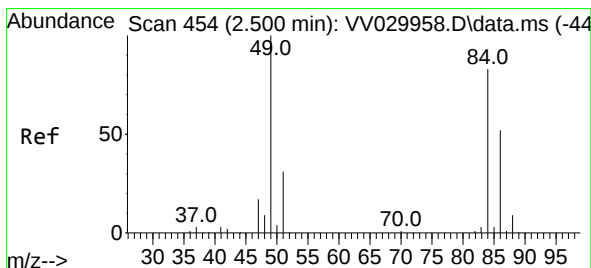
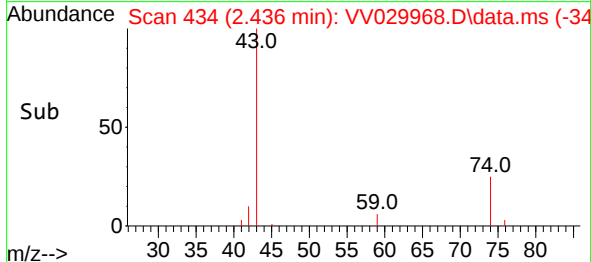
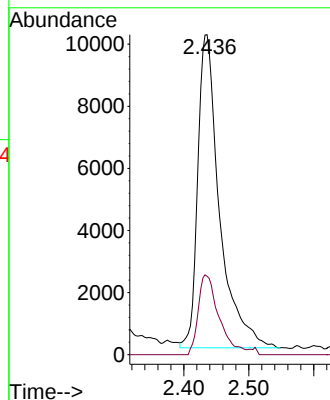
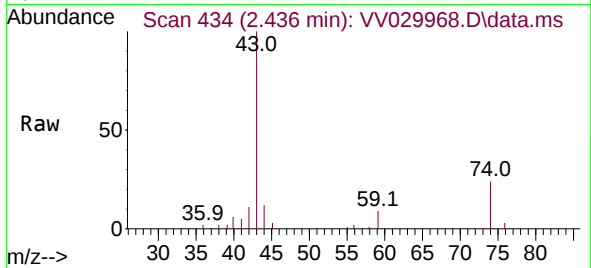




#15
Methyl Acetate
Concen: 5.893 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029968.D
Acq: 26 Jan 2023 20:23

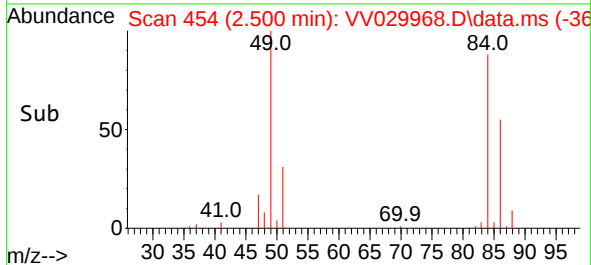
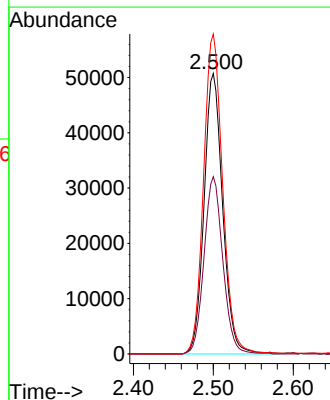
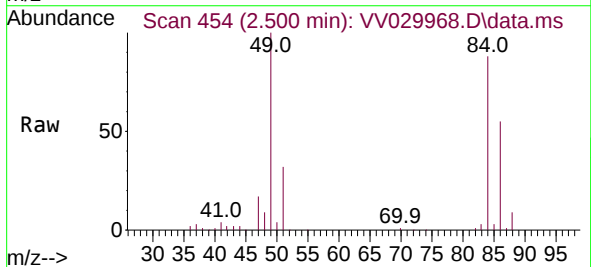
Instrument :
MSVOA_V
ClientSampleId :
BFB218

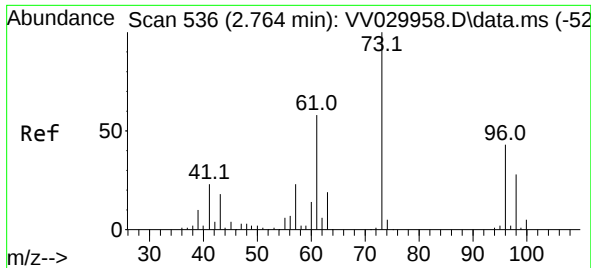
Tgt Ion: 43 Resp: 23553
Ion Ratio Lower Upper
43 100
74 24.2 23.4 35.0



#16
Methylene chloride
Concen: 4.849 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV029968.D
Acq: 26 Jan 2023 20:23

Tgt Ion: 84 Resp: 82271
Ion Ratio Lower Upper
84 100
86 63.2 45.0 83.6
49 114.1 71.5 132.7

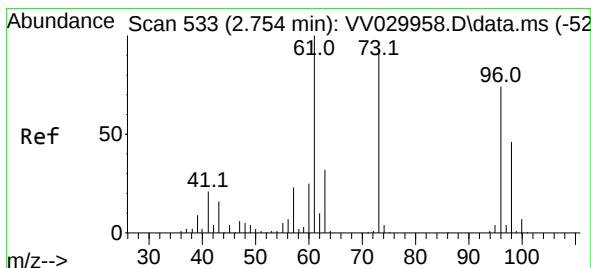
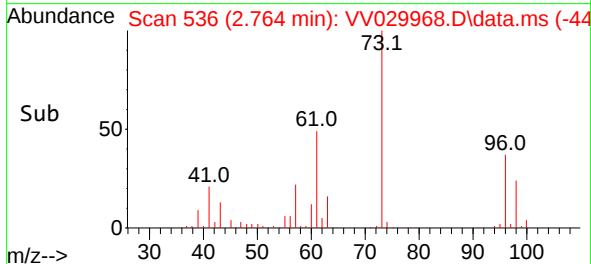
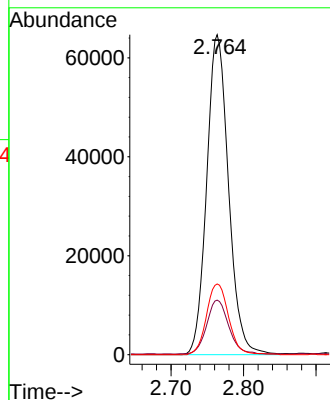
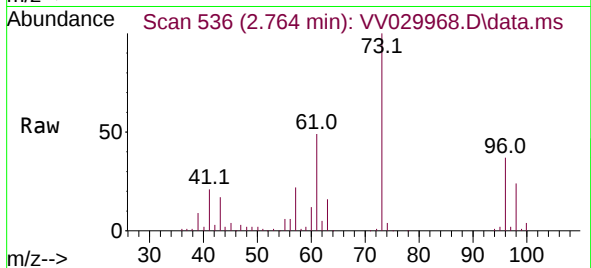




#17
Methyl tert-butyl Ether
Concen: 5.735 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV029968.D
Acq: 26 Jan 2023 20:23

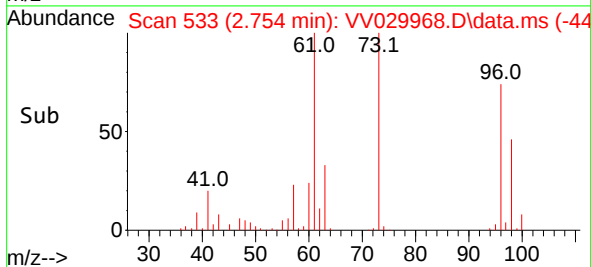
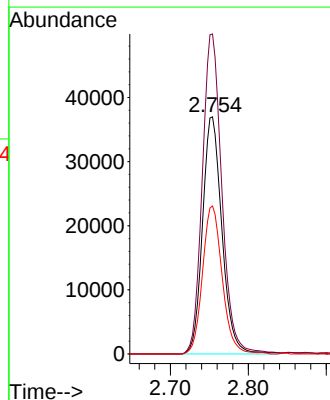
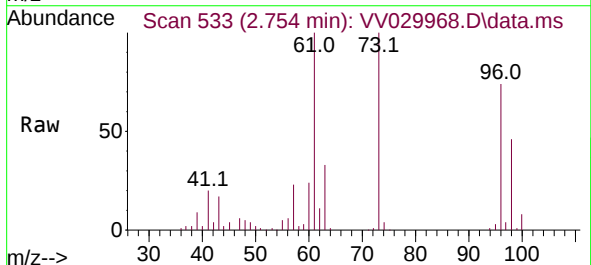
Instrument :
MSVOA_V
ClientSampleId :
BFB218

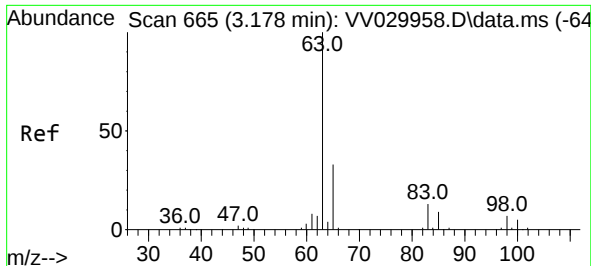
Tgt Ion: 73 Resp: 135442
Ion Ratio Lower Upper
73 100
43 16.9 13.0 19.4
57 22.3 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.050 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.000 min
Lab File: VV029968.D
Acq: 26 Jan 2023 20:23

Tgt Ion: 96 Resp: 64117
Ion Ratio Lower Upper
96 100
61 134.9 86.1 159.9
98 62.4 43.9 81.5





#19

1,1-Dichloroethane

Concen: 5.794 ug/L

RT: 3.178 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV029968.D

Acq: 26 Jan 2023 20:23

Instrument :

MSVOA_V

ClientSampleId :

BFB218

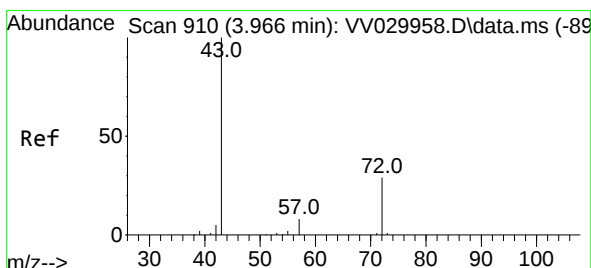
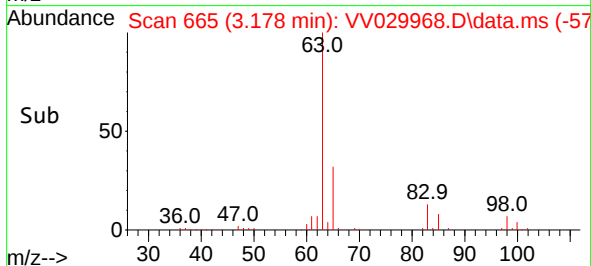
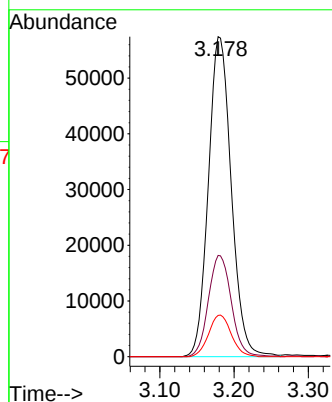
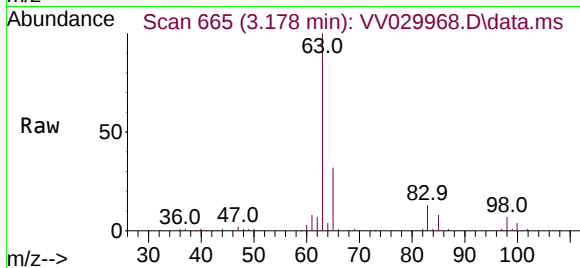
Tgt Ion: 63 Resp: 123056

Ion Ratio Lower Upper

63 100

65 31.7 22.4 41.6

83 12.9 10.2 19.0



#21

2-Butanone

Concen: 62.306 ug/L

RT: 3.973 min Scan# 912

Delta R.T. 0.006 min

Lab File: VV029968.D

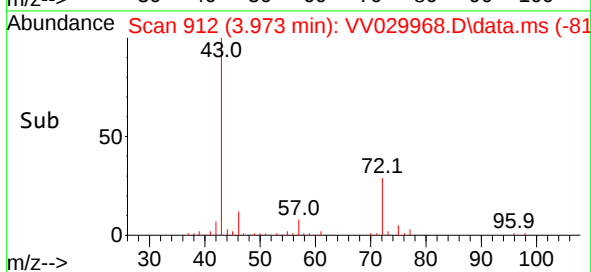
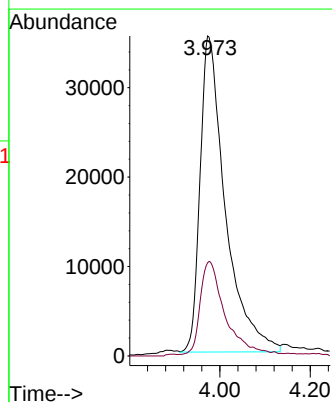
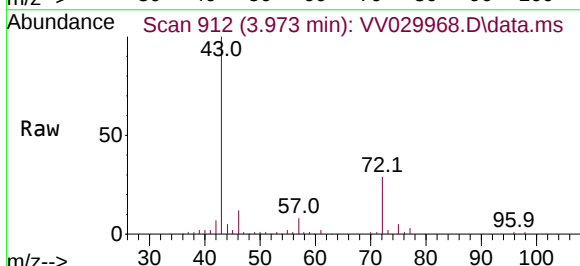
Acq: 26 Jan 2023 20:23

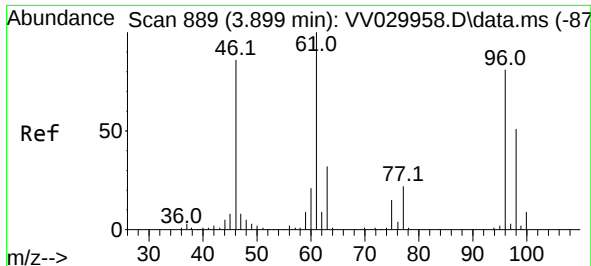
Tgt Ion: 43 Resp: 136988

Ion Ratio Lower Upper

43 100

72 28.8 13.9 41.6

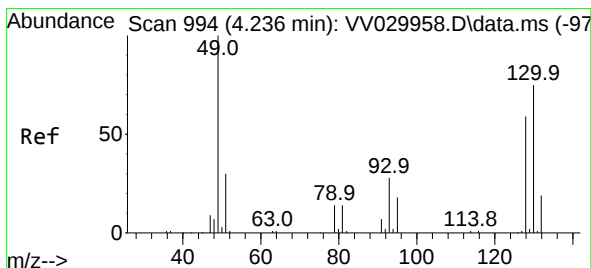
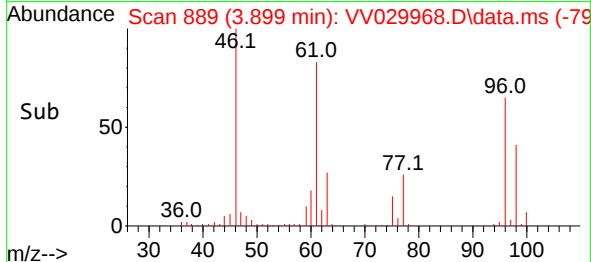
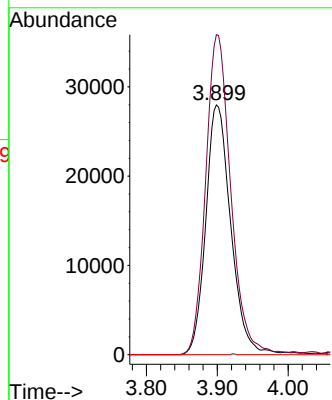
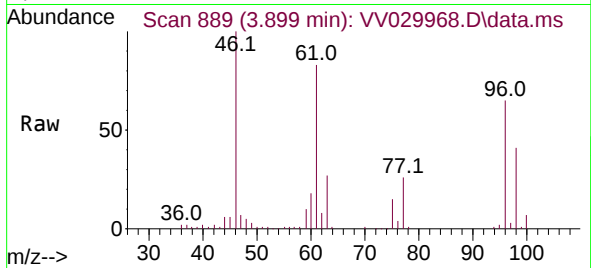




#22
 cis-1,2-Dichloroethene
 Concen: 5.065 ug/L
 RT: 3.899 min Scan# 889
 Delta R.T. 0.000 min
 Lab File: VV029968.D
 Acq: 26 Jan 2023 20:23

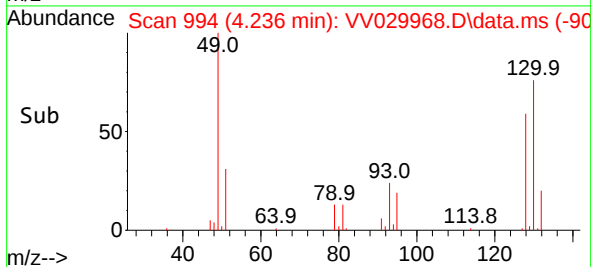
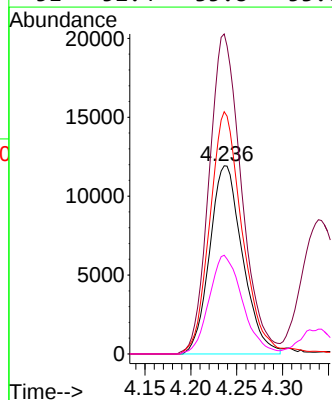
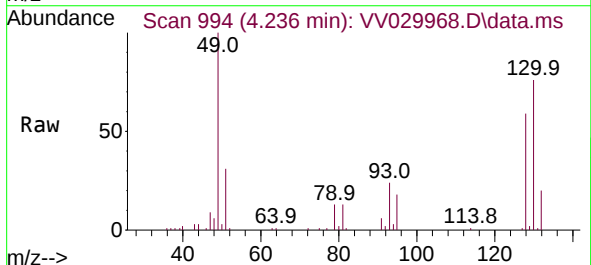
Instrument :
 MSVOA_V
 ClientSampleId :
 BFB218

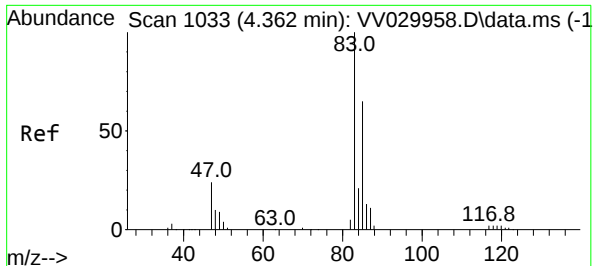
Tgt Ion: 96 Resp: 68514
 Ion Ratio Lower Upper
 96 100
 61 128.1 80.0 148.6
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.305 ug/L
 RT: 4.236 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VV029968.D
 Acq: 26 Jan 2023 20:23

Tgt Ion: 128 Resp: 29639
 Ion Ratio Lower Upper
 128 100
 49 170.0 91.2 169.4#
 130 128.7 87.0 161.6
 51 52.4 35.8 53.6





#25

Chloroform

Concen: 5.358 ug/L

RT: 4.362 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VV029968.D

Acq: 26 Jan 2023 20:23

Instrument :

MSVOA_V

ClientSampleId :

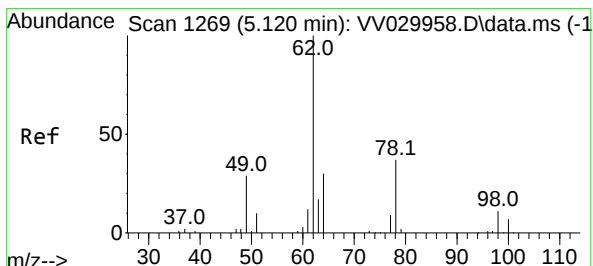
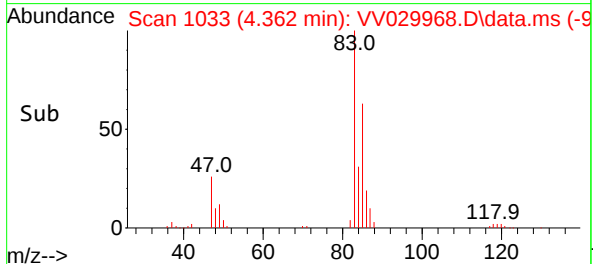
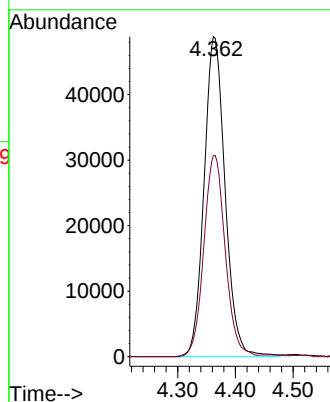
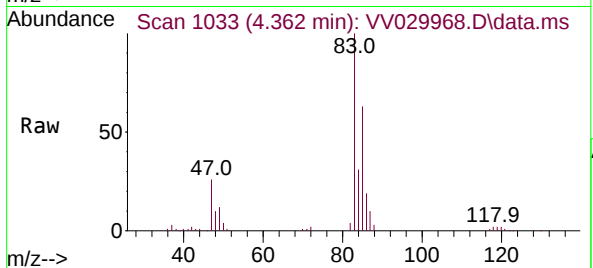
BFB218

Tgt Ion: 83 Resp: 123698

Ion Ratio Lower Upper

83 100

85 62.8 46.5 86.5



#27

1,2-Dichloroethane

Concen: 5.601 ug/L

RT: 5.120 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VV029968.D

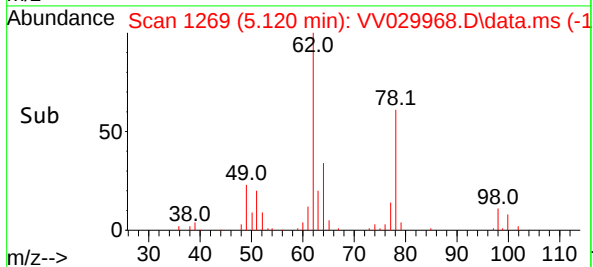
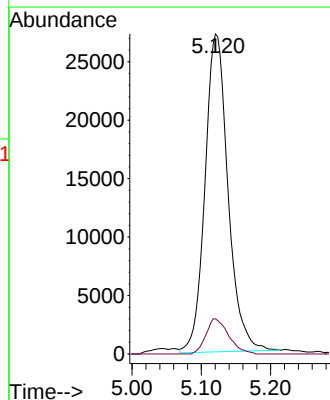
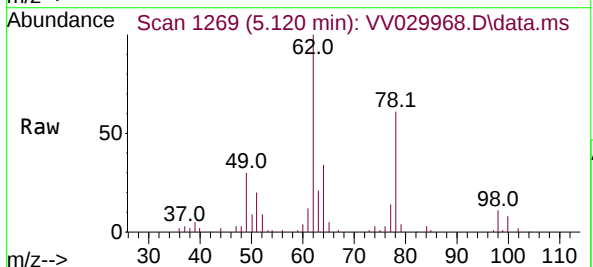
Acq: 26 Jan 2023 20:23

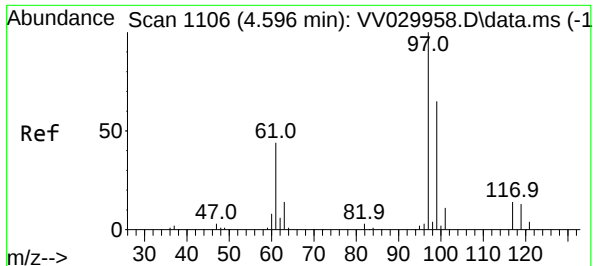
Tgt Ion: 62 Resp: 62826

Ion Ratio Lower Upper

62 100

98 10.9 8.9 13.3





#29

1,1,1-Trichloroethane

Concen: 4.934 ug/L

RT: 4.596 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VV029968.D

Acq: 26 Jan 2023 20:23

Instrument :

MSVOA_V

ClientSampleId :

BFB218

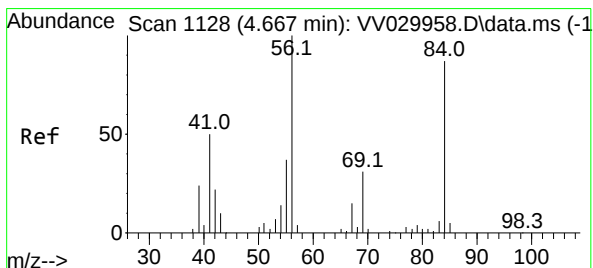
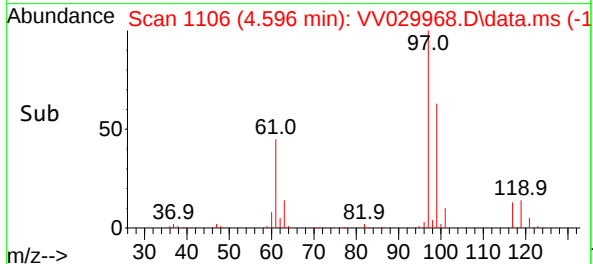
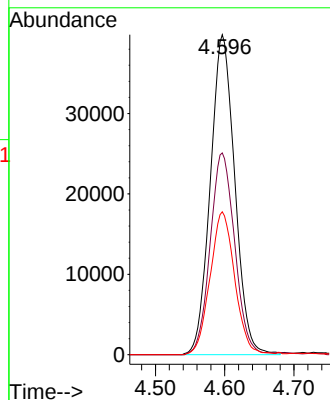
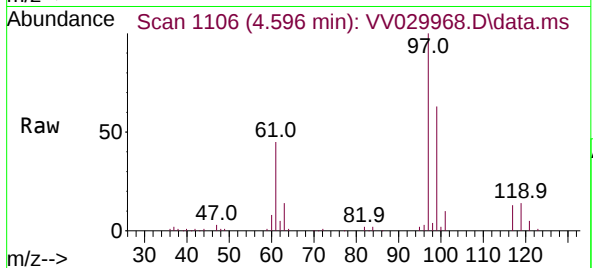
Tgt Ion: 97 Resp: 97596

Ion Ratio Lower Upper

97 100

99 63.4 51.3 76.9

61 45.1 31.6 47.4



#30

Cyclohexane

Concen: 5.072 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VV029968.D

Acq: 26 Jan 2023 20:23

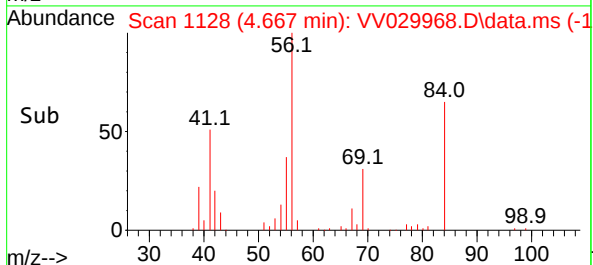
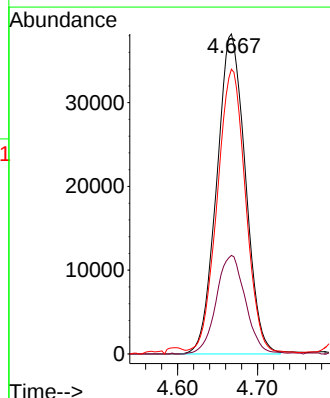
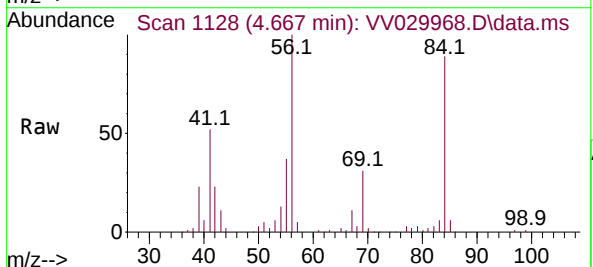
Tgt Ion: 56 Resp: 94966

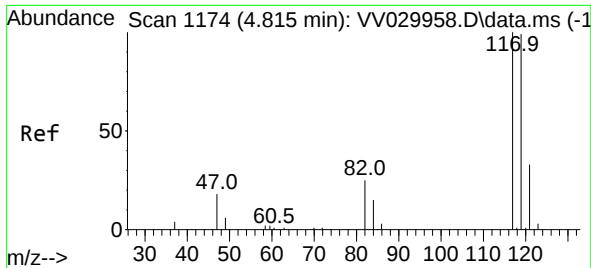
Ion Ratio Lower Upper

56 100

69 31.3 26.7 40.1

84 88.9 73.8 110.8

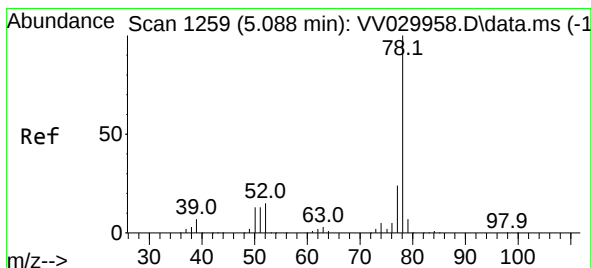
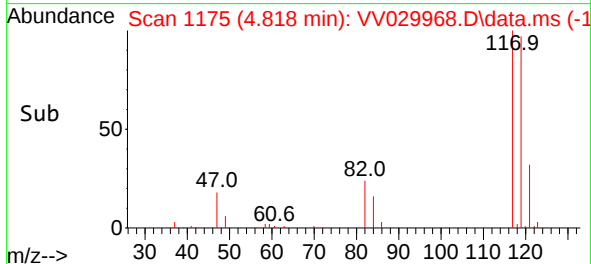
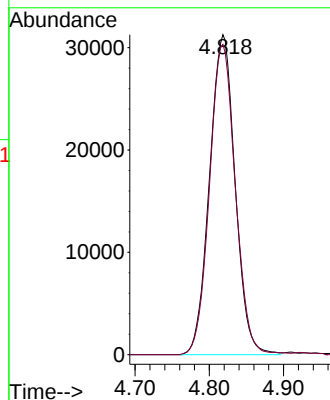
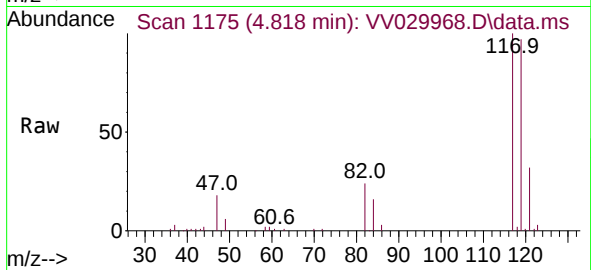




#31
Carbon tetrachloride
Concen: 4.354 ug/L
RT: 4.818 min Scan# 1174
Delta R.T. 0.003 min
Lab File: VV029968.D
Acq: 26 Jan 2023 20:23

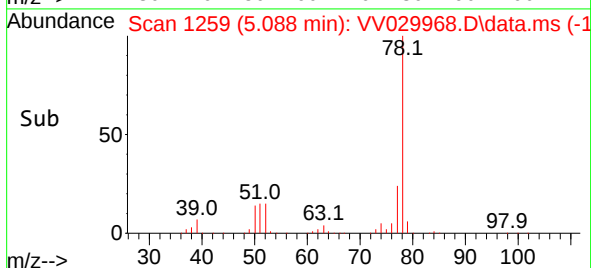
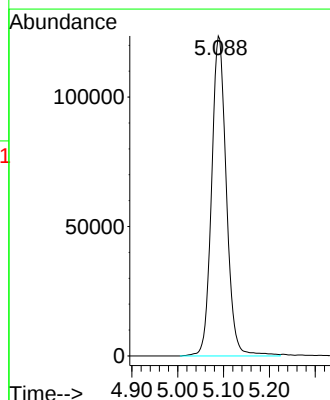
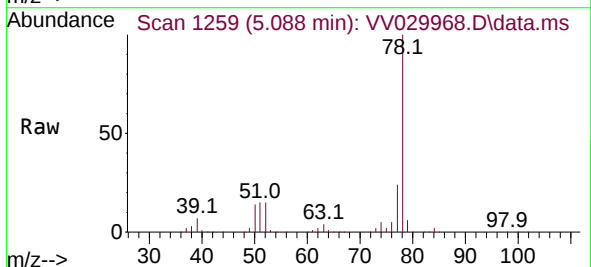
Instrument :
MSVOA_V
ClientSampleId :
BFB218

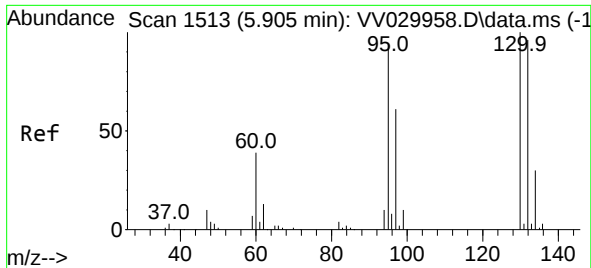
Tgt Ion:117 Resp: 74939
Ion Ratio Lower Upper
117 100
119 97.7 76.6 114.8



#33
Benzene
Concen: 5.513 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VV029968.D
Acq: 26 Jan 2023 20:23

Tgt Ion: 78 Resp: 277628

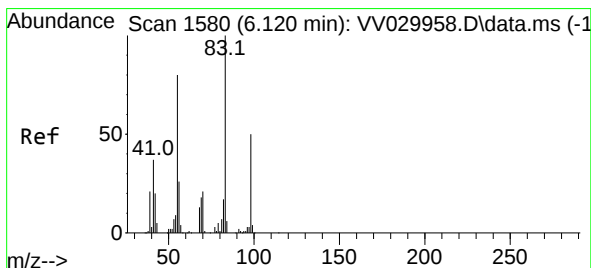
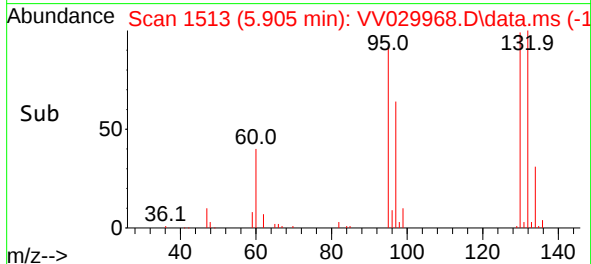
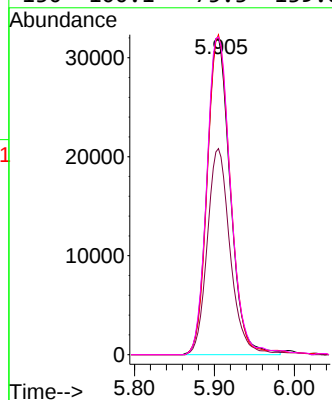
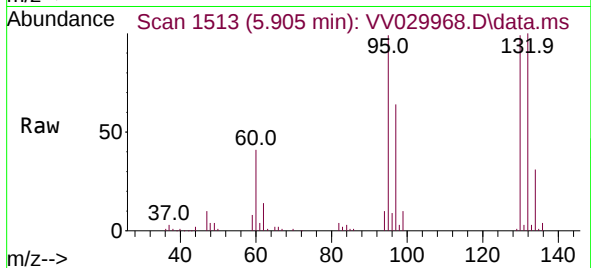




#34
Trichloroethene
Concen: 5.068 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VV029968.D
Acq: 26 Jan 2023 20:23

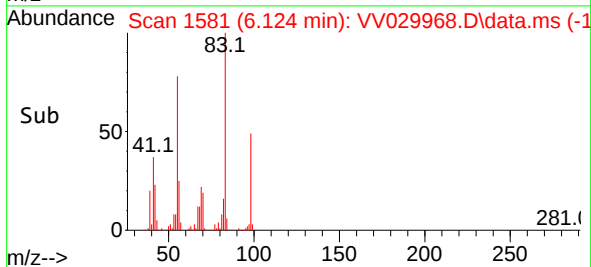
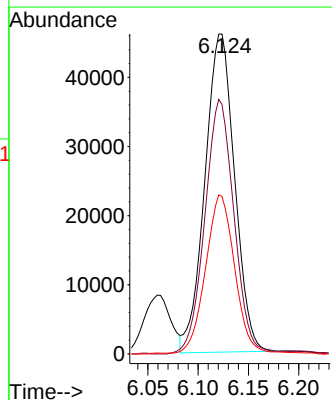
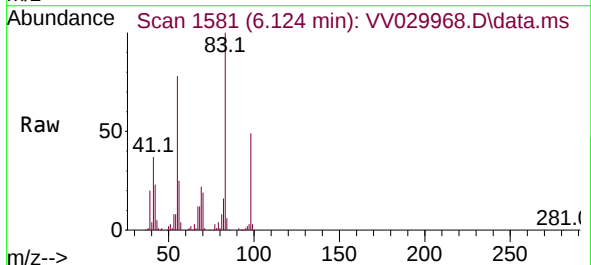
Instrument :
MSVOA_V
ClientSampleId :
BFB218

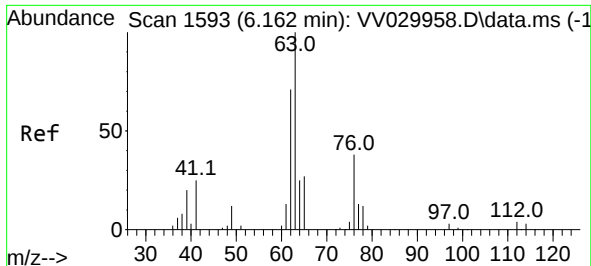
Tgt Ion: 95 Resp: 64678
Ion Ratio Lower Upper
95 100
97 65.0 44.9 83.3
132 100.9 71.8 133.4
130 100.1 75.3 139.8



#35
Methylcyclohexane
Concen: 4.387 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.003 min
Lab File: VV029968.D
Acq: 26 Jan 2023 20:23

Tgt Ion: 83 Resp: 94533
Ion Ratio Lower Upper
83 100
55 78.6 57.3 85.9
98 49.6 39.0 58.6





#37

1,2-Dichloropropane

Concen: 6.036 ug/L

RT: 6.162 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV029968.D

Acq: 26 Jan 2023 20:23

Instrument :

MSVOA_V

ClientSampleId :

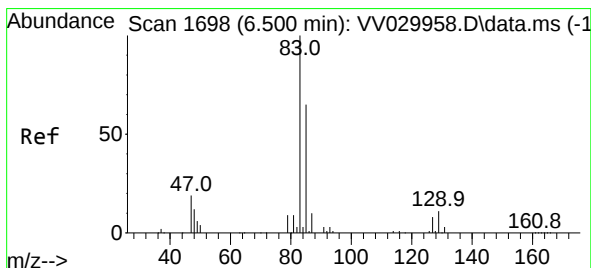
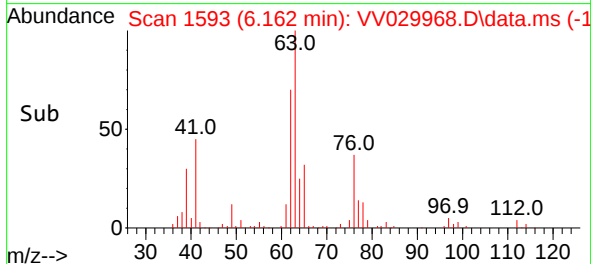
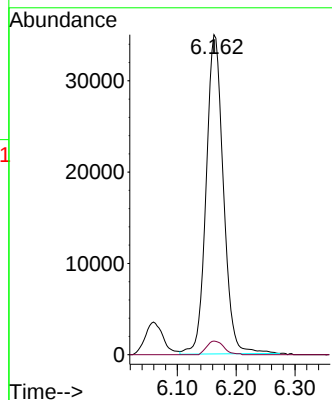
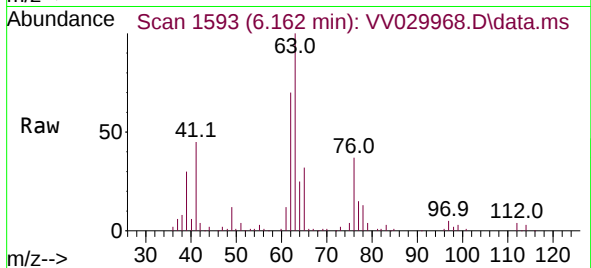
BFB218

Tgt Ion: 63 Resp: 71187

Ion Ratio Lower Upper

63 100

112 4.3 3.9 5.9



#38

Bromodichloromethane

Concen: 5.302 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VV029968.D

Acq: 26 Jan 2023 20:23

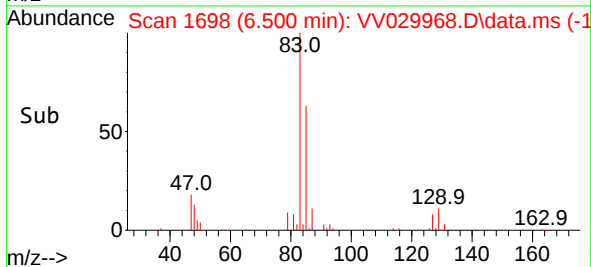
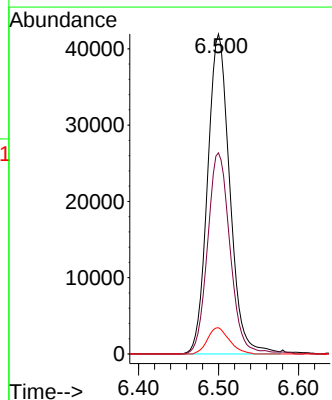
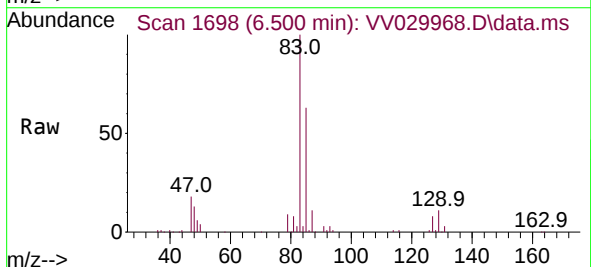
Tgt Ion: 83 Resp: 80871

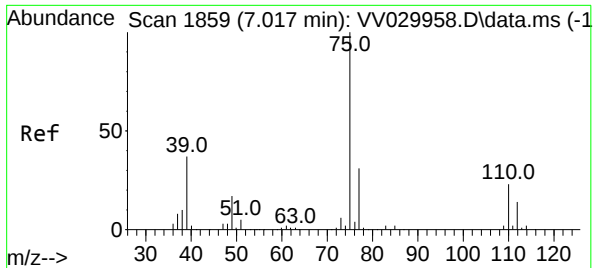
Ion Ratio Lower Upper

83 100

85 62.8 43.2 80.2

127 8.2 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.321 ug/L

RT: 7.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV029968.D

Acq: 26 Jan 2023 20:23

Instrument :

MSVOA_V

ClientSampleId :

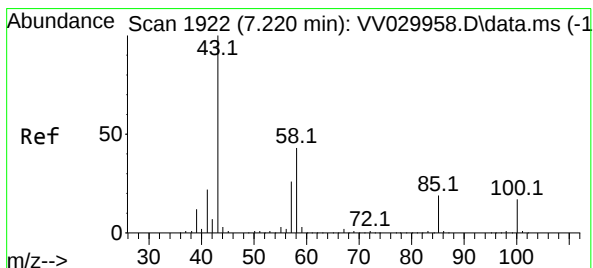
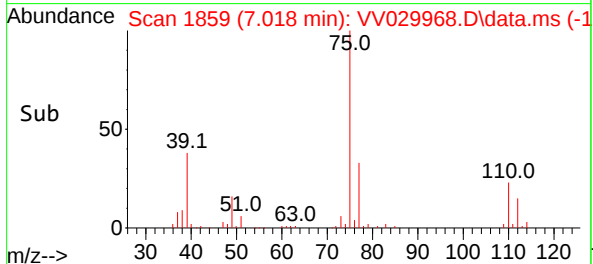
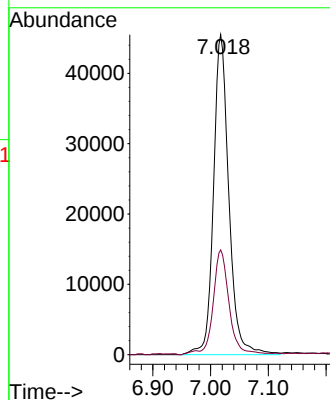
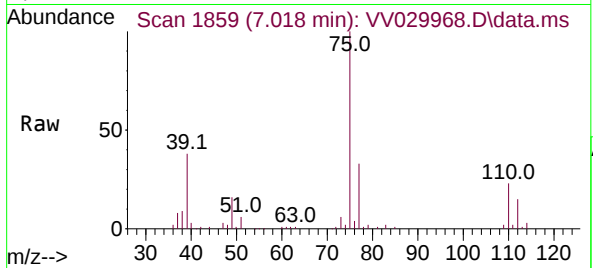
BFB218

Tgt Ion: 75 Resp: 84154

Ion Ratio Lower Upper

75 100

77 32.8 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 63.390 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. 0.000 min

Lab File: VV029968.D

Acq: 26 Jan 2023 20:23

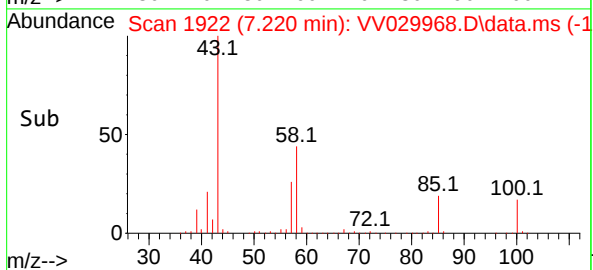
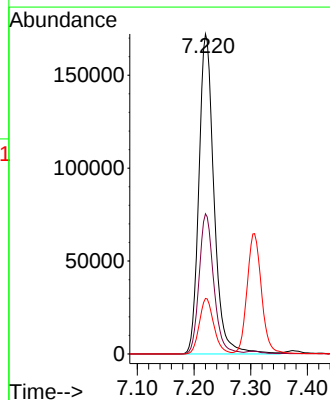
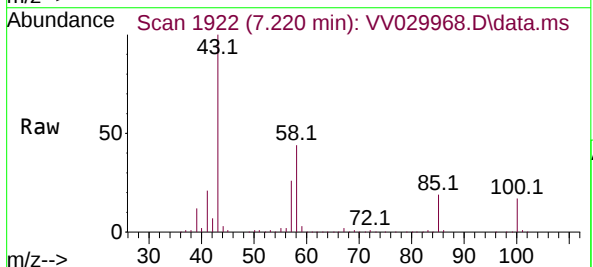
Tgt Ion: 43 Resp: 319050

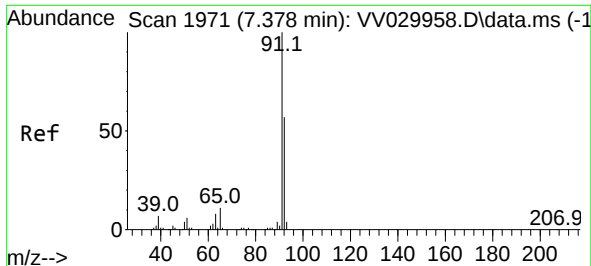
Ion Ratio Lower Upper

43 100

58 42.6 36.7 55.1

100 16.6 15.6 23.4





#42

Toluene

Concen: 5.057 ug/L

RT: 7.378 min Scan# 1971

Delta R.T. 0.000 min

Lab File: VV029968.D

Acq: 26 Jan 2023 20:23

Instrument :

MSVOA_V

ClientSampleId :

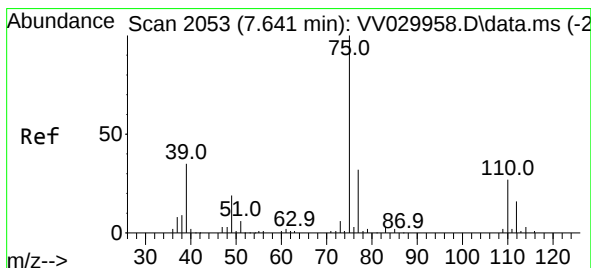
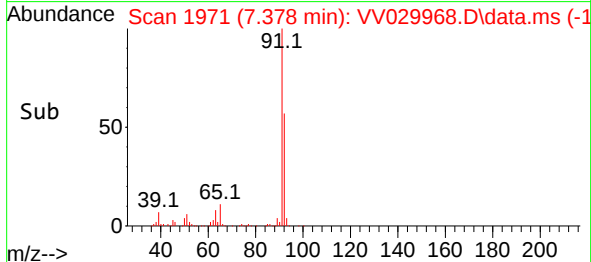
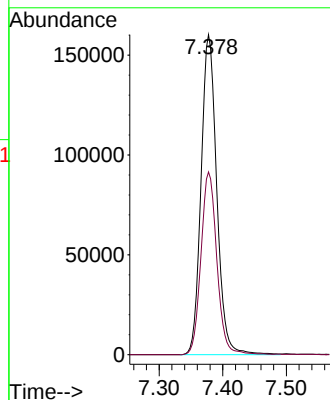
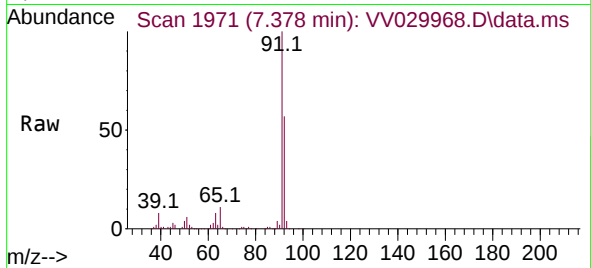
BFB218

Tgt Ion: 91 Resp: 274712

Ion Ratio Lower Upper

91 100

92 57.1 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.391 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. 0.000 min

Lab File: VV029968.D

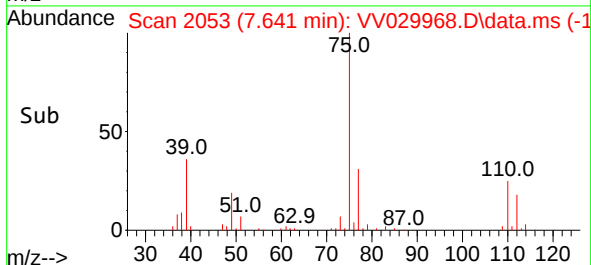
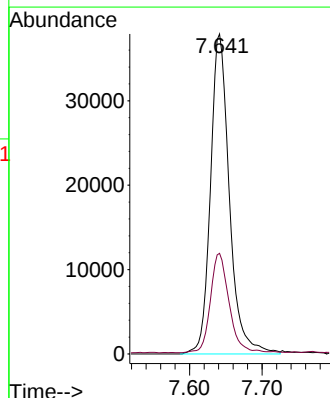
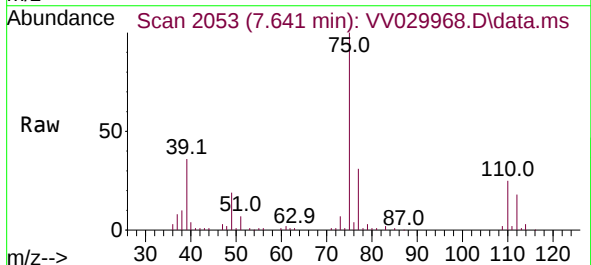
Acq: 26 Jan 2023 20:23

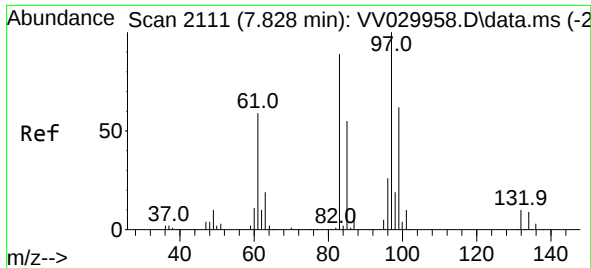
Tgt Ion: 75 Resp: 68705

Ion Ratio Lower Upper

75 100

77 31.5 21.9 40.7

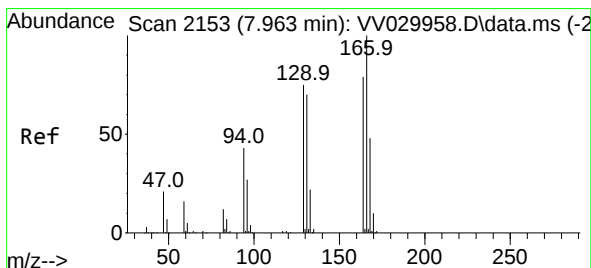
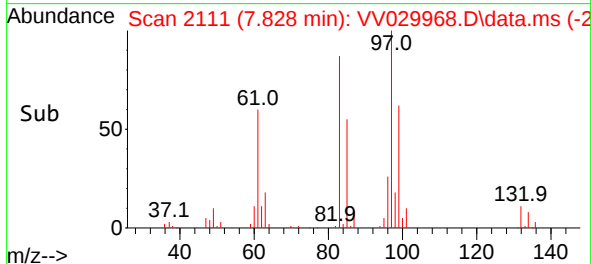
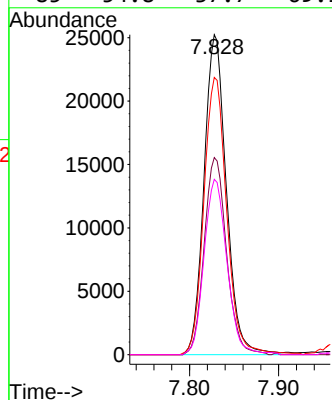
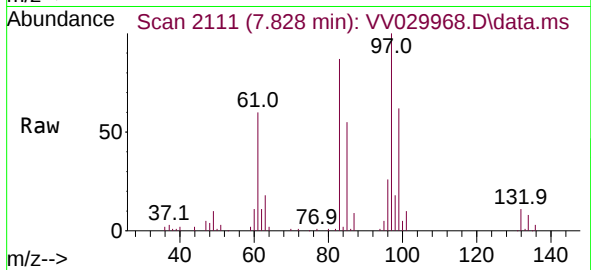




#45
1,1,2-Trichloroethane
Concen: 5.169 ug/L
RT: 7.828 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VV029968.D
Acq: 26 Jan 2023 20:23

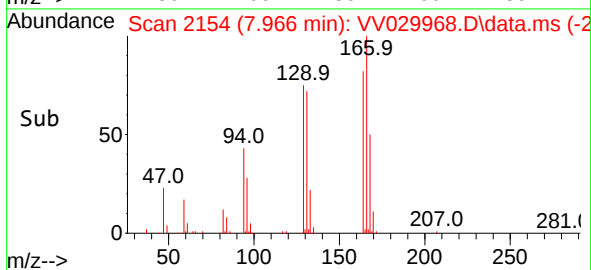
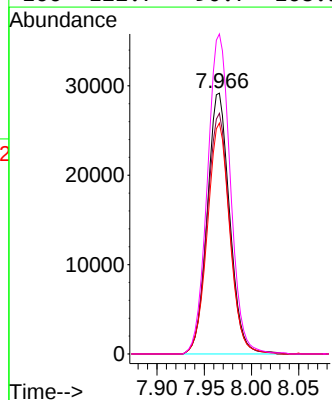
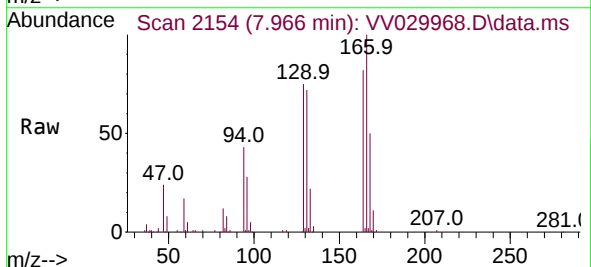
Instrument :
MSVOA_V
ClientSampleId :
BFB218

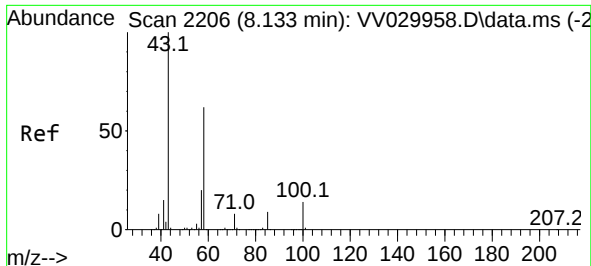
Tgt Ion: 97	Resp: 43927
Ion Ratio	Lower Upper
97 100	
99 61.6	41.9 77.7
83 86.7	58.7 109.1
85 54.8	37.7 69.9



#47
Tetrachloroethene
Concen: 4.474 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. 0.003 min
Lab File: VV029968.D
Acq: 26 Jan 2023 20:23

Tgt	Ion:164	Resp:	48076
Ion	Ratio	Lower	Upper
164	100		
129	92.2	64.5	119.7
131	88.5	62.9	116.7
166	122.7	90.7	168.5

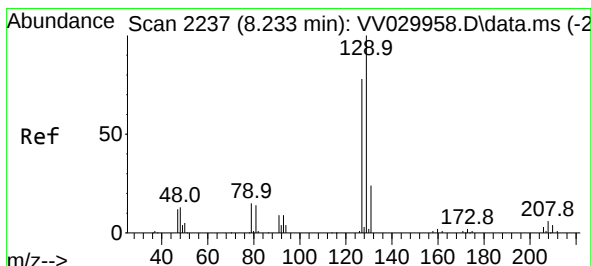
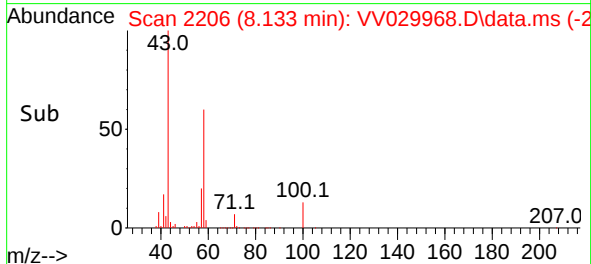
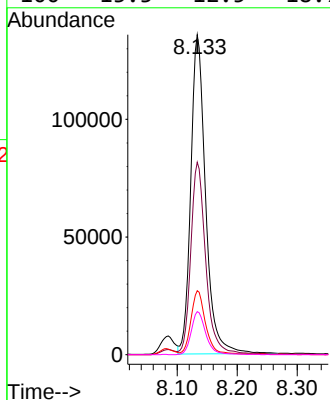
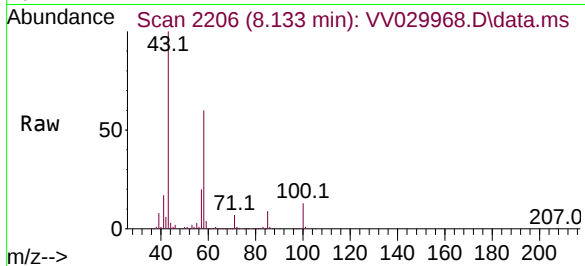




#48
2-Hexanone
Concen: 64.973 ug/L
RT: 8.133 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029968.D
Acq: 26 Jan 2023 20:23

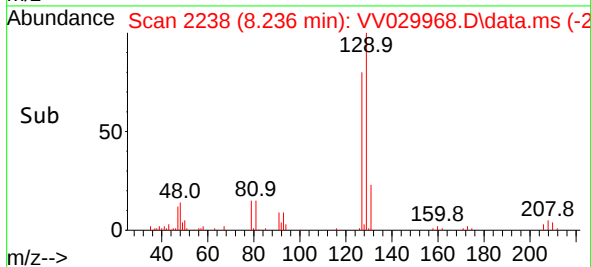
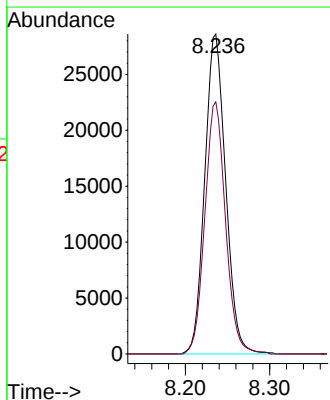
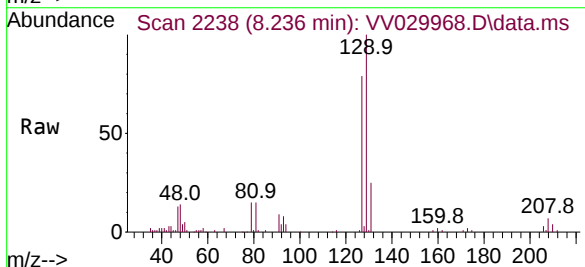
Instrument :
MSVOA_V
ClientSampleId :
BFB218

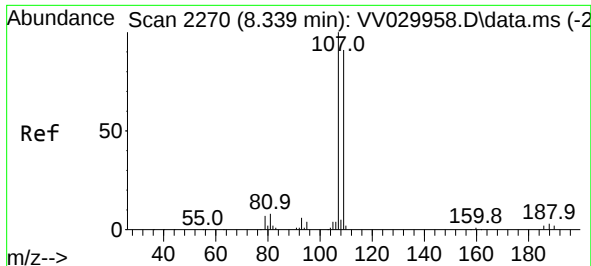
Tgt Ion: 43 Resp: 233741
Ion Ratio Lower Upper
43 100
58 60.9 51.4 77.2
57 19.5 17.0 25.6
100 13.3 12.5 18.7



#49
Dibromochloromethane
Concen: 4.952 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. 0.003 min
Lab File: VV029968.D
Acq: 26 Jan 2023 20:23

Tgt Ion: 129 Resp: 49380
Ion Ratio Lower Upper
129 100
127 78.8 54.1 100.5

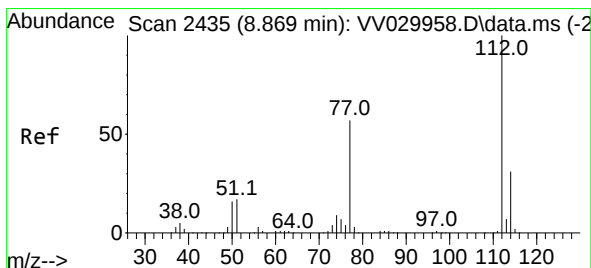
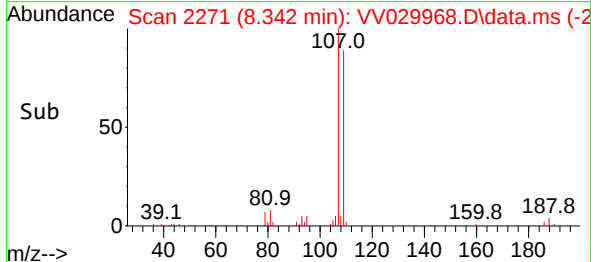
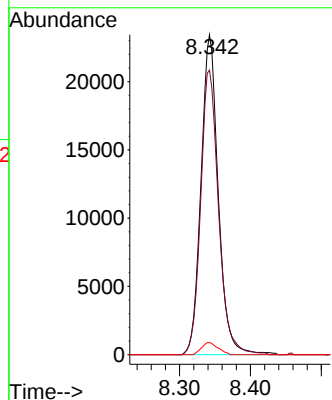
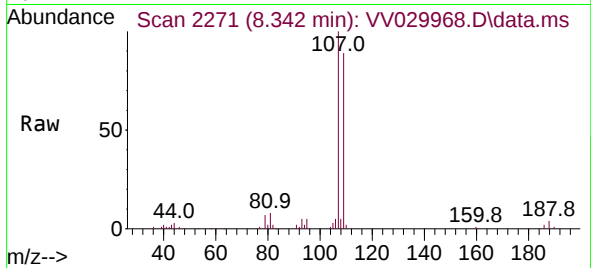




#50
1,2-Dibromoethane
Concen: 5.382 ug/L
RT: 8.342 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029968.D
Acq: 26 Jan 2023 20:23

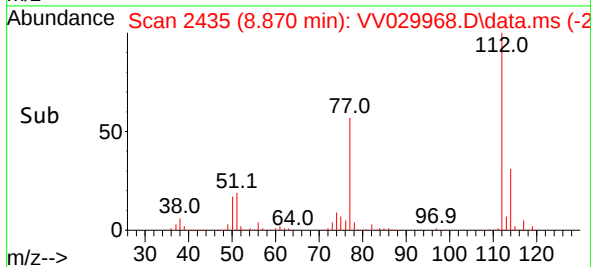
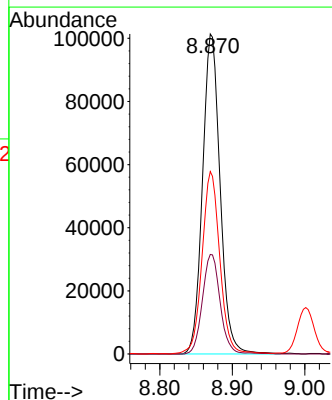
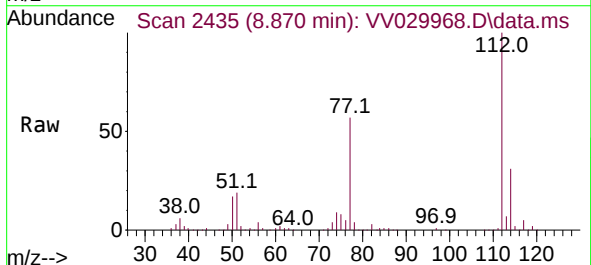
Instrument :
MSVOA_V
ClientSampleId :
BFB218

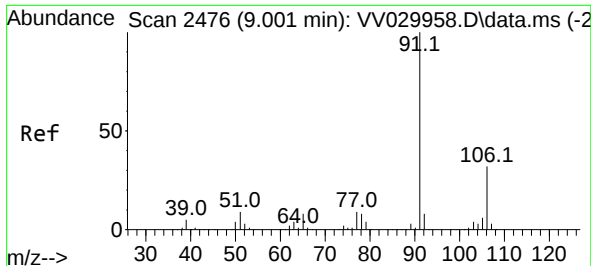
Tgt Ion:107 Resp: 39700
Ion Ratio Lower Upper
107 100
109 88.9 66.1 122.7
188 3.8 2.9 4.3



#51
Chlorobenzene
Concen: 4.954 ug/L
RT: 8.870 min Scan# 2435
Delta R.T. 0.000 min
Lab File: VV029968.D
Acq: 26 Jan 2023 20:23

Tgt Ion:112 Resp: 170857
Ion Ratio Lower Upper
112 100
114 31.1 22.5 41.9
77 57.0 46.1 69.1





#52

Ethylbenzene

Concen: 4.772 ug/L

RT: 9.001 min Scan# 2476

Delta R.T. 0.000 min

Lab File: VV029968.D

Acq: 26 Jan 2023 20:23

Instrument :

MSVOA_V

ClientSampleId :

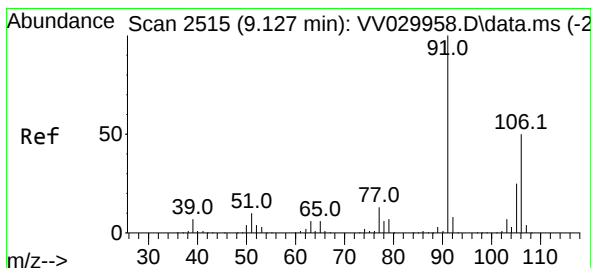
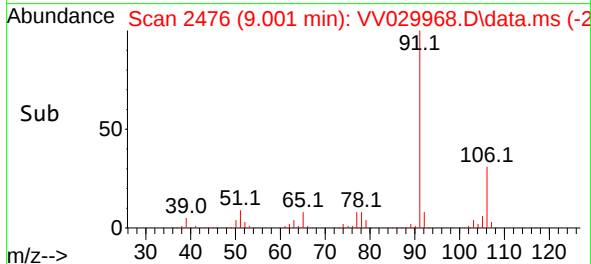
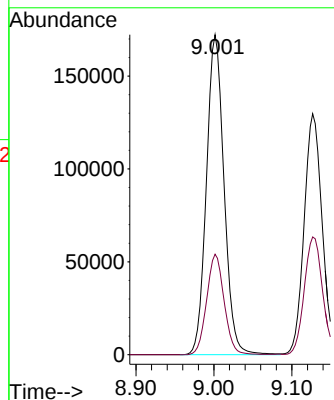
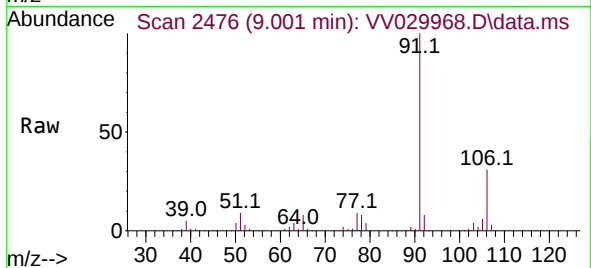
BFB218

Tgt Ion: 91 Resp: 271266

Ion Ratio Lower Upper

91 100

106 31.4 21.9 40.7



#53

m,p-Xylene

Concen: 4.598 ug/L

RT: 9.127 min Scan# 2515

Delta R.T. 0.000 min

Lab File: VV029968.D

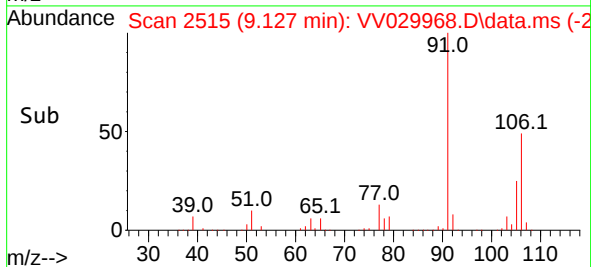
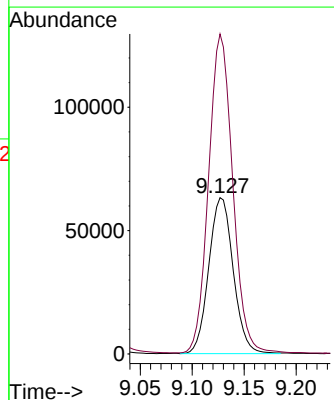
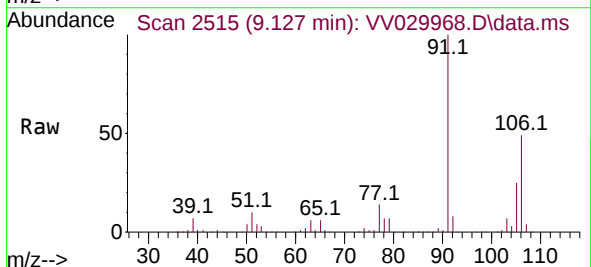
Acq: 26 Jan 2023 20:23

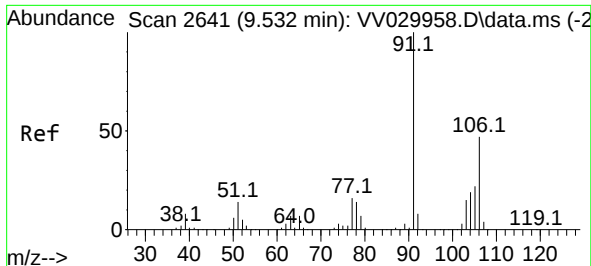
Tgt Ion: 106 Resp: 103454

Ion Ratio Lower Upper

106 100

91 204.7 138.7 257.7

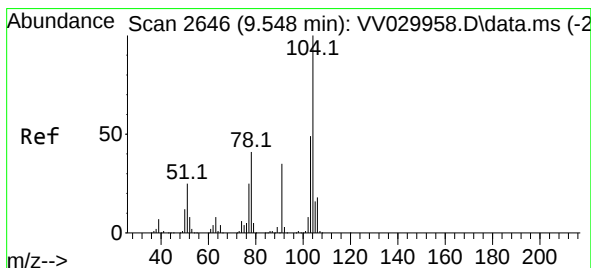
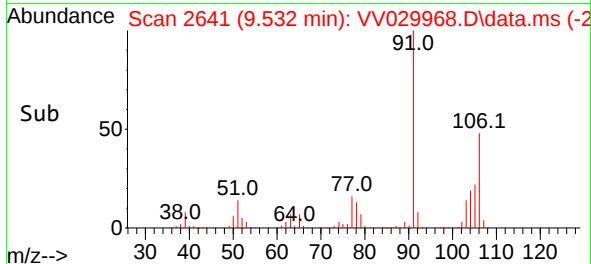
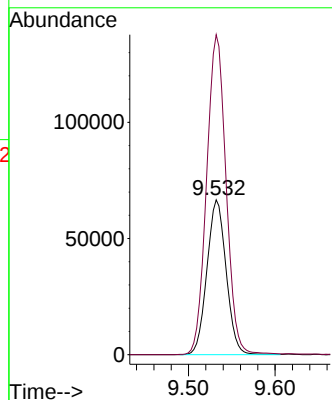
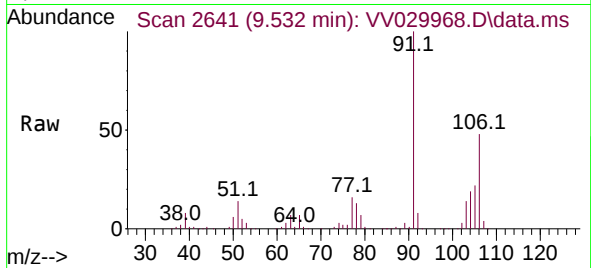




#54
o-Xylene
Concen: 4.814 ug/L
RT: 9.532 min Scan# 2641
Delta R.T. 0.000 min
Lab File: VV029968.D
Acq: 26 Jan 2023 20:23

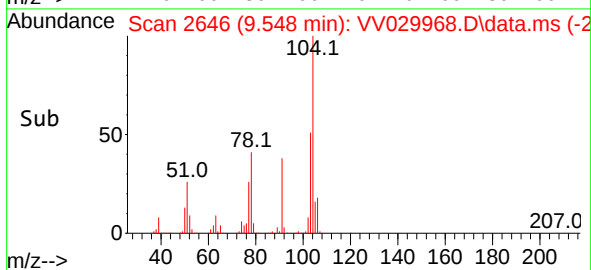
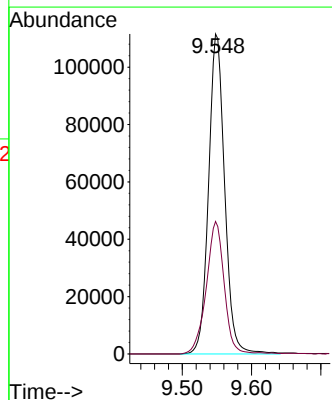
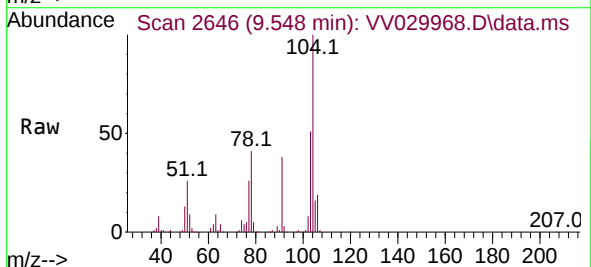
Instrument :
MSVOA_V
ClientSampleId :
BFB218

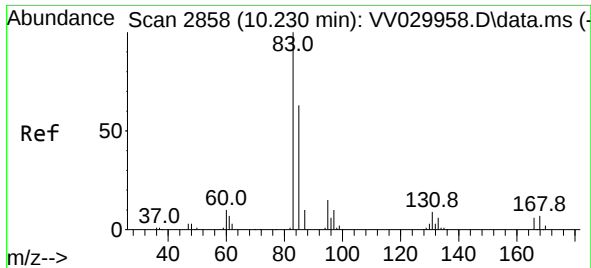
Tgt Ion:106 Resp: 102800
Ion Ratio Lower Upper
106 100
91 206.6 147.7 274.3



#55
Styrene
Concen: 4.888 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV029968.D
Acq: 26 Jan 2023 20:23

Tgt Ion:104 Resp: 179537
Ion Ratio Lower Upper
104 100
78 41.4 28.6 53.2

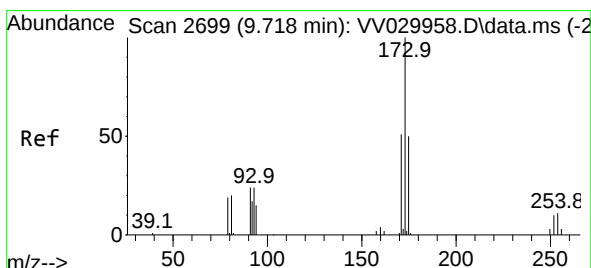
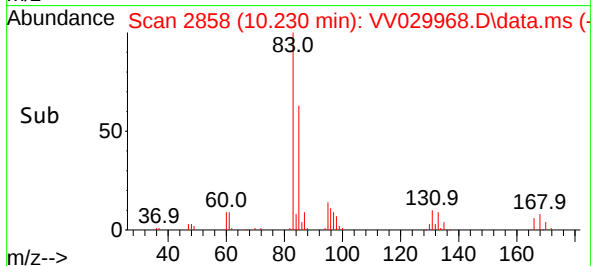
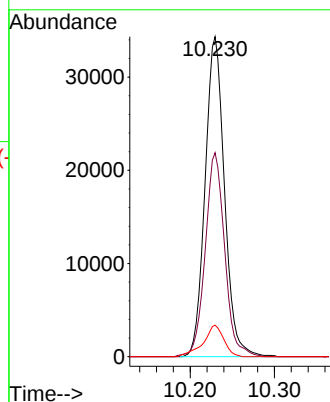
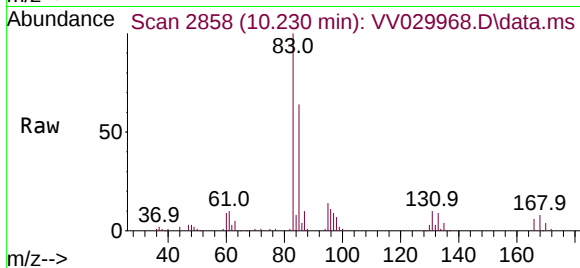




#57
1,1,2,2-Tetrachloroethane
Concen: 5.835 ug/L
RT: 10.230 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VV029968.D
Acq: 26 Jan 2023 20:23

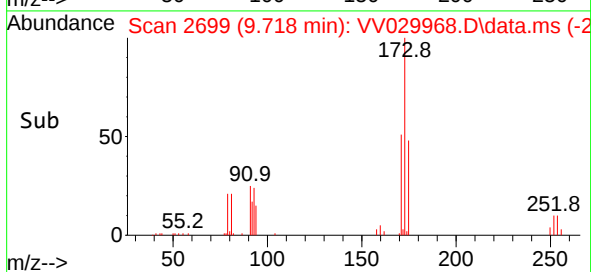
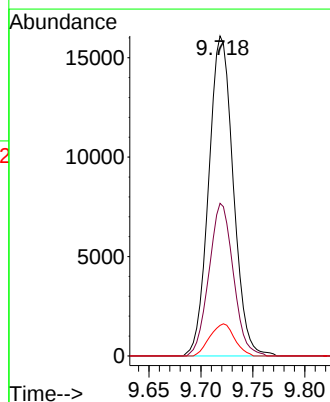
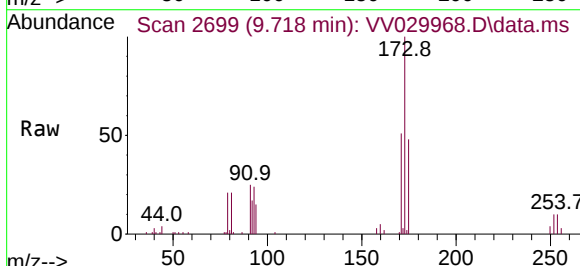
Instrument :
MSVOA_V
ClientSampleId :
BFB218

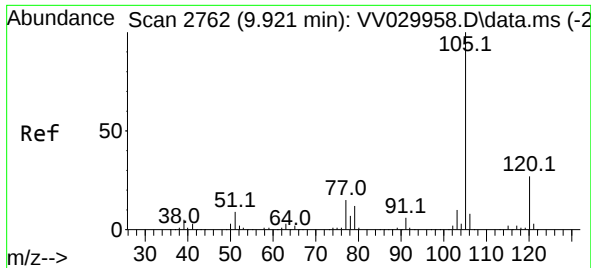
Tgt Ion:	83	Resp:	55076
Ion	Ratio	Lower	Upper
83	100		
85	63.7	46.0	85.4
131	9.9	8.4	12.6



#59
Bromoform
Concen: 4.248 ug/L
RT: 9.718 min Scan# 2699
Delta R.T. 0.000 min
Lab File: VV029968.D
Acq: 26 Jan 2023 20:23

Tgt Ion:	173	Resp:	26479
Ion	Ratio	Lower	Upper
173	100		
175	47.2	38.6	57.8
254	10.1	7.9	11.9

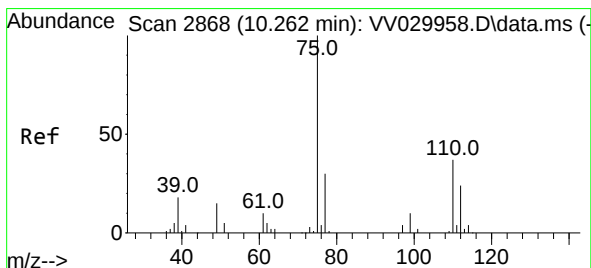
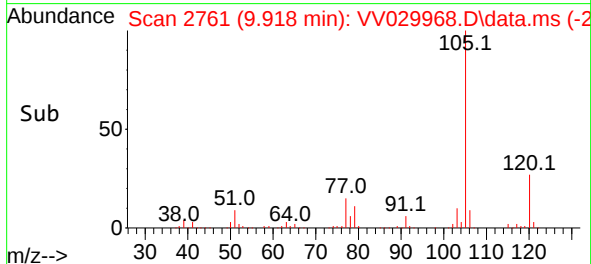
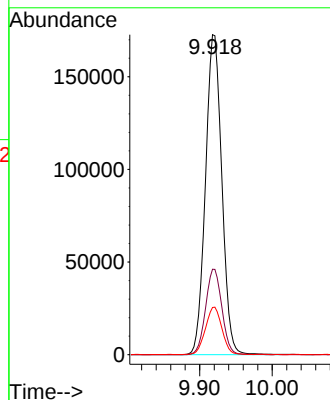
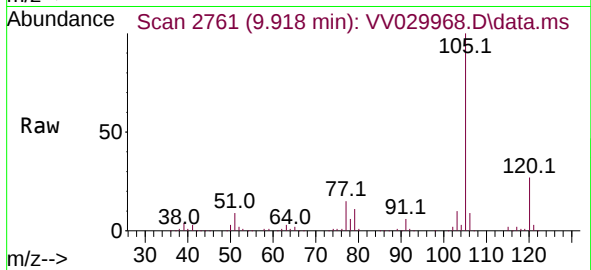




#60
Isopropylbenzene
Concen: 4.402 ug/L
RT: 9.918 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV029968.D
Acq: 26 Jan 2023 20:23

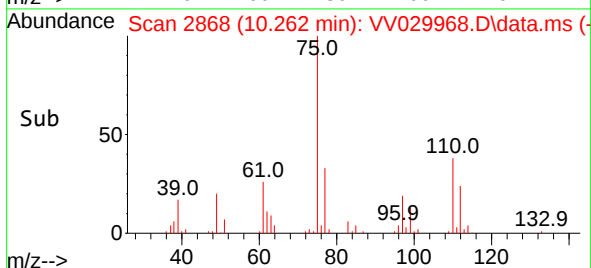
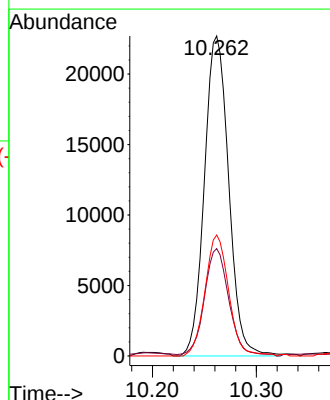
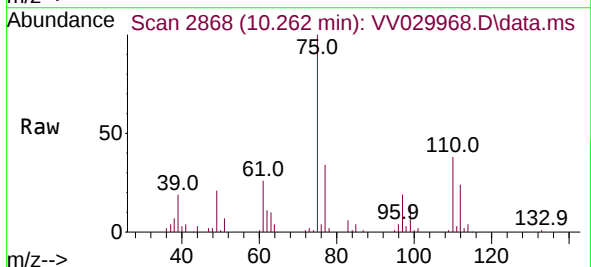
Instrument :
MSVOA_V
ClientSampleId :
BFB218

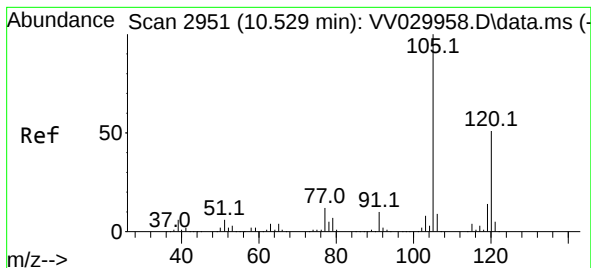
Tgt Ion:105 Resp: 270770
Ion Ratio Lower Upper
105 100
120 26.6 21.2 31.8
77 14.8 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.179 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. 0.000 min
Lab File: VV029968.D
Acq: 26 Jan 2023 20:23

Tgt Ion: 75 Resp: 36905
Ion Ratio Lower Upper
75 100
77 33.9 26.5 39.7
110 36.8 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 4.177 ug/L

RT: 10.525 min Scan# 2951

Delta R.T. -0.003 min

Lab File: VV029968.D

Acq: 26 Jan 2023 20:23

Instrument :

MSVOA_V

ClientSampleId :

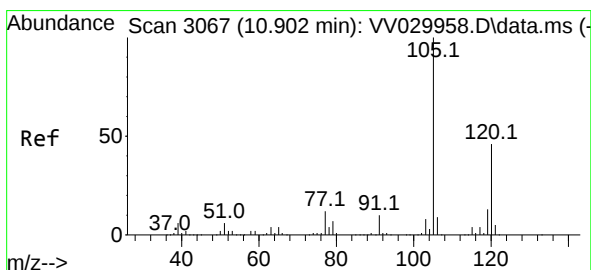
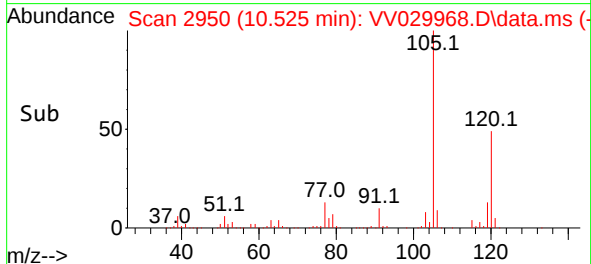
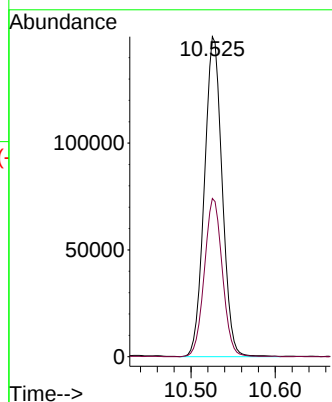
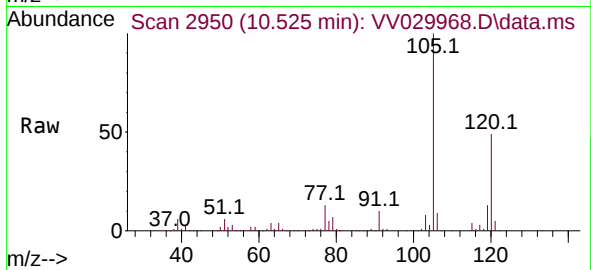
BFB218

Tgt Ion:105 Resp: 220158

Ion Ratio Lower Upper

105 100

120 50.0 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 4.275 ug/L

RT: 10.902 min Scan# 3067

Delta R.T. 0.000 min

Lab File: VV029968.D

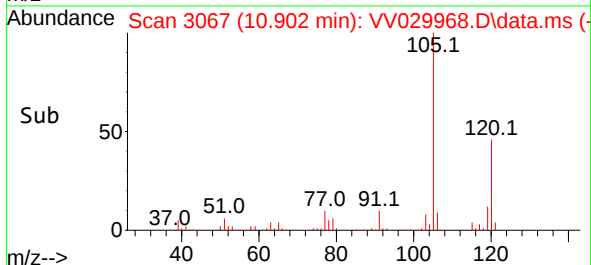
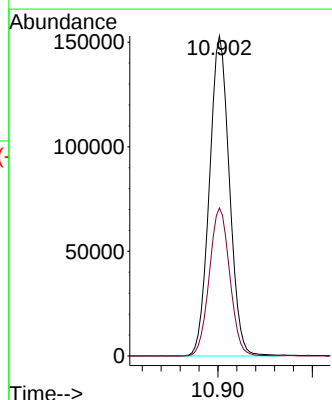
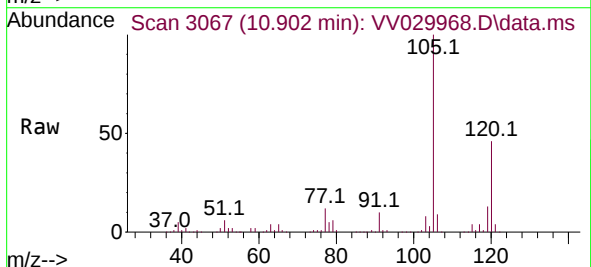
Acq: 26 Jan 2023 20:23

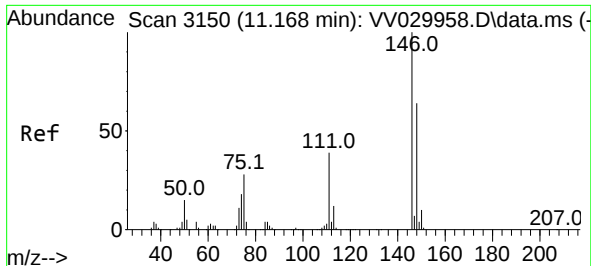
Tgt Ion:105 Resp: 224712

Ion Ratio Lower Upper

105 100

120 47.3 37.4 56.0

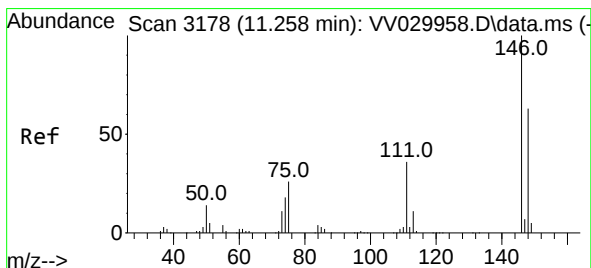
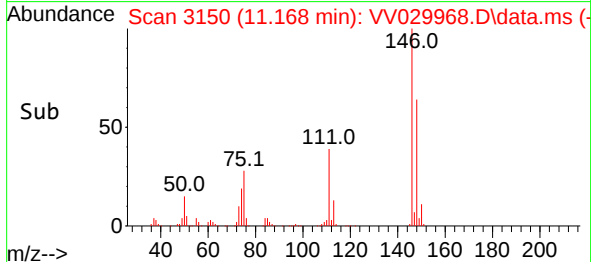
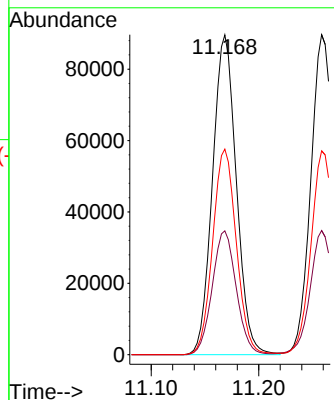
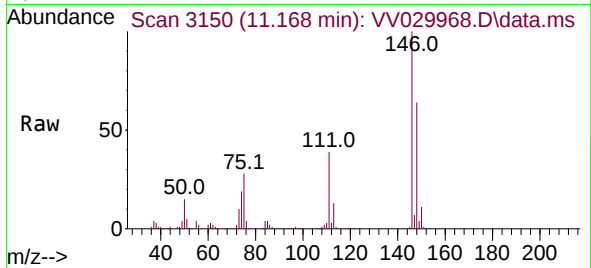




#64
1,3-Dichlorobenzene
Concen: 4.413 ug/L
RT: 11.168 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VV029968.D
Acq: 26 Jan 2023 20:23

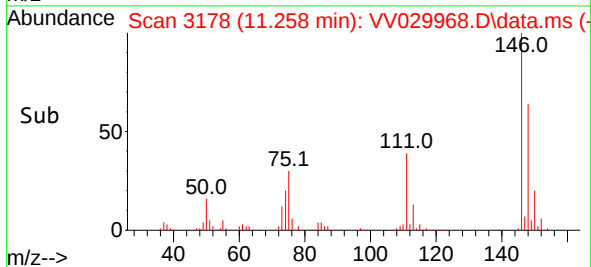
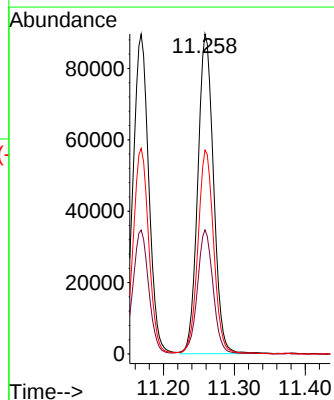
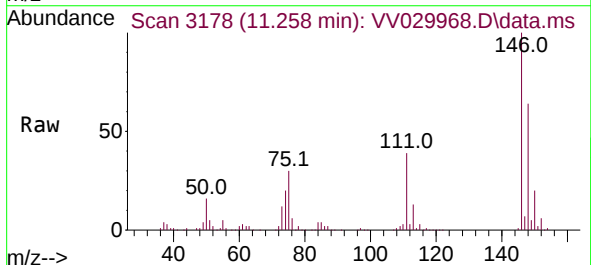
Instrument :
MSVOA_V
ClientSampleId :
BFB218

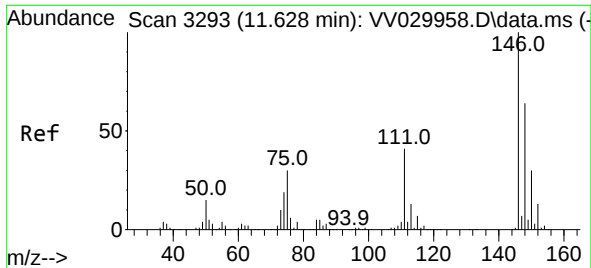
Tgt Ion:146 Resp: 137832
Ion Ratio Lower Upper
146 100
111 38.7 27.2 50.6
148 64.3 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 4.440 ug/L
RT: 11.258 min Scan# 3178
Delta R.T. 0.000 min
Lab File: VV029968.D
Acq: 26 Jan 2023 20:23

Tgt Ion:146 Resp: 138246
Ion Ratio Lower Upper
146 100
111 38.8 26.5 49.1
148 63.7 45.8 85.2

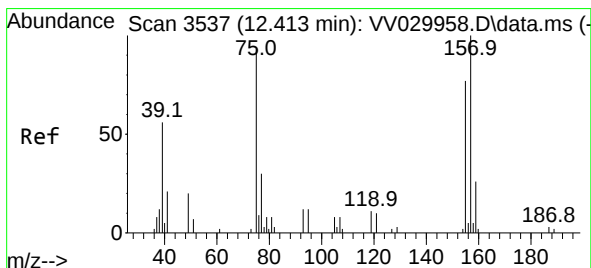
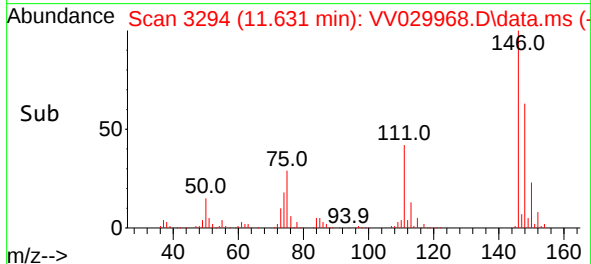
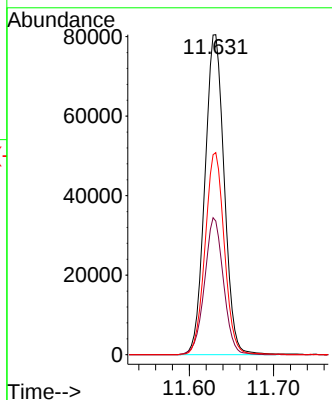
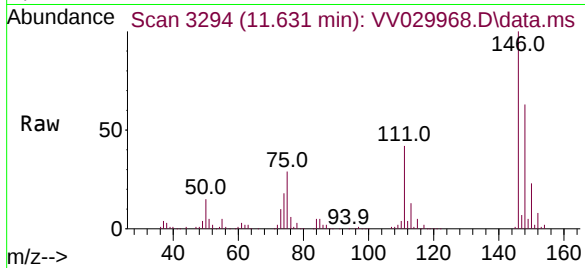




#67
1,2-Dichlorobenzene
Concen: 4.577 ug/L
RT: 11.631 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV029968.D
Acq: 26 Jan 2023 20:23

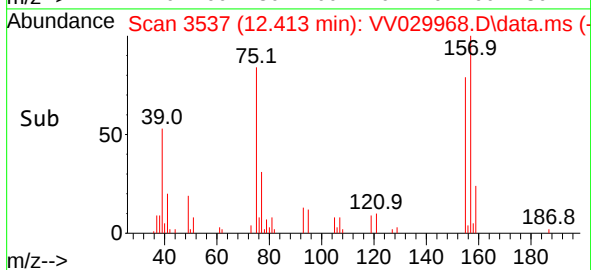
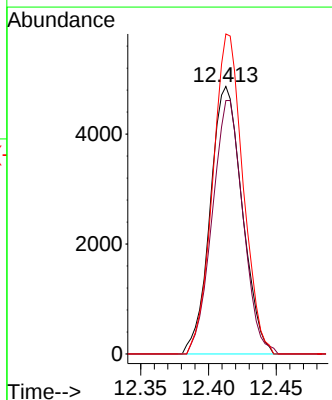
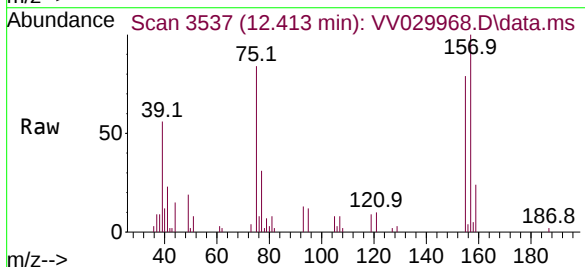
Instrument :
MSVOA_V
ClientSampleId :
BFB218

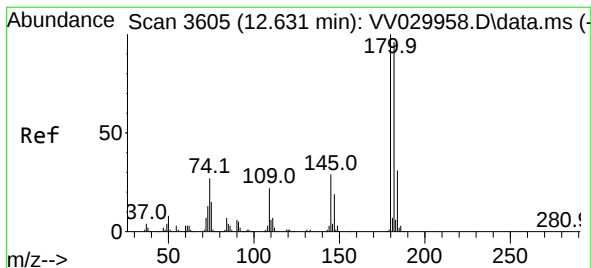
Tgt Ion:146 Resp: 128507
Ion Ratio Lower Upper
146 100
111 41.8 31.8 47.8
148 63.2 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.743 ug/L
RT: 12.413 min Scan# 3537
Delta R.T. 0.000 min
Lab File: VV029968.D
Acq: 26 Jan 2023 20:23

Tgt Ion: 75 Resp: 7992
Ion Ratio Lower Upper
75 100
155 94.7 75.5 113.3
157 119.6 99.2 148.8





#69

1,3,5-Trichlorobenzene

Concen: 4.232 ug/L

RT: 12.631 min Scan# 3605

Delta R.T. 0.000 min

Lab File: VV029968.D

Acq: 26 Jan 2023 20:23

Instrument :

MSVOA_V

ClientSampleId :

BFB218

Tgt Ion:180 Resp: 106394

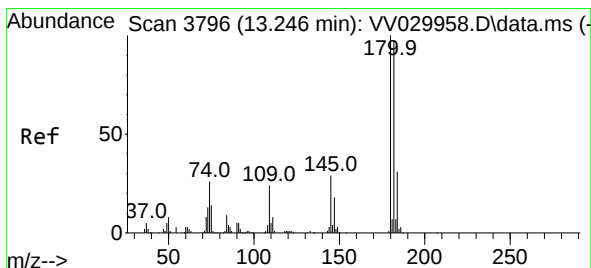
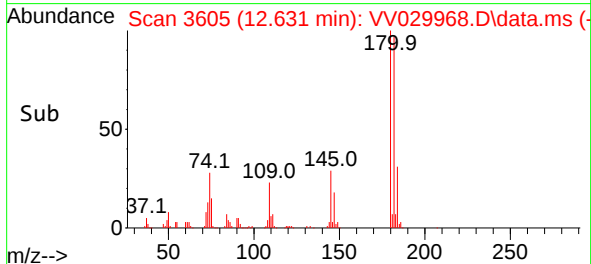
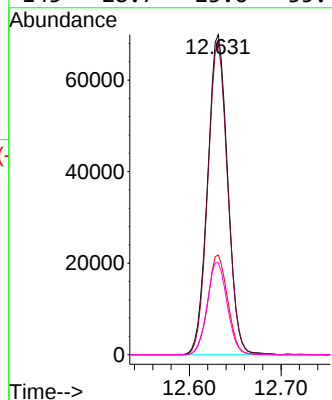
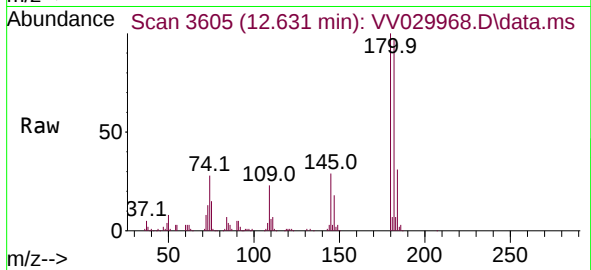
Ion Ratio Lower Upper

180 100

182 96.5 75.4 113.2

184 30.7 23.9 35.9

145 28.7 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 4.593 ug/L

RT: 13.246 min Scan# 3796

Delta R.T. 0.000 min

Lab File: VV029968.D

Acq: 26 Jan 2023 20:23

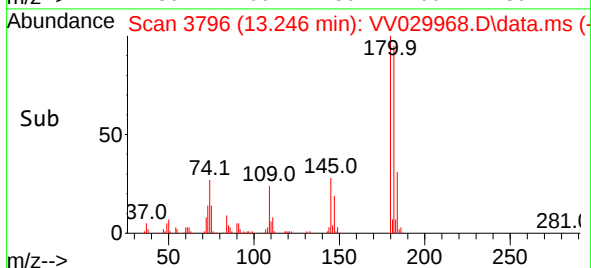
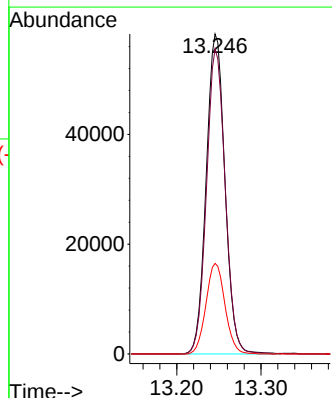
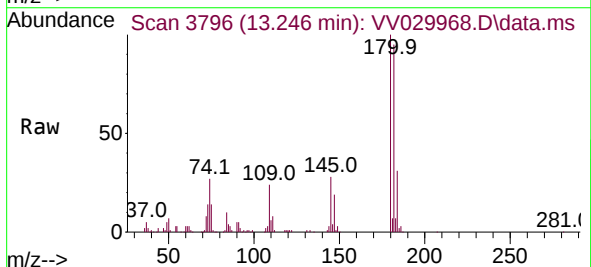
Tgt Ion:180 Resp: 90226

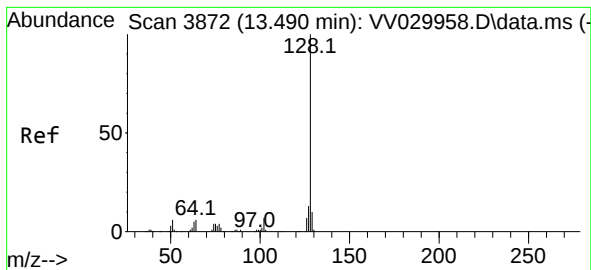
Ion Ratio Lower Upper

180 100

182 95.0 75.8 113.8

145 28.8 23.7 35.5





#71

Naphthalene

Concen: 5.058 ug/L

RT: 13.490 min Scan# 3872

Delta R.T. 0.000 min

Lab File: VV029968.D

Acq: 26 Jan 2023 20:23

Instrument :

MSVOA_V

ClientSampleId :

BFB218

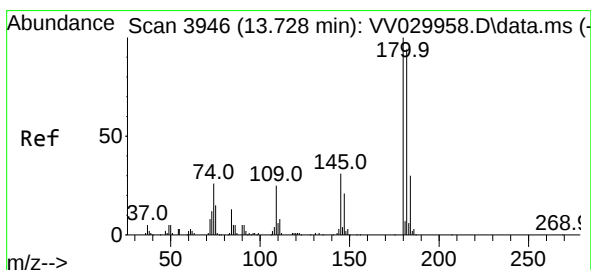
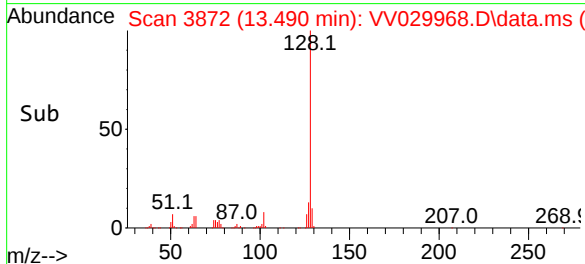
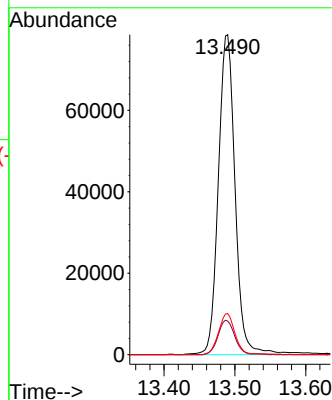
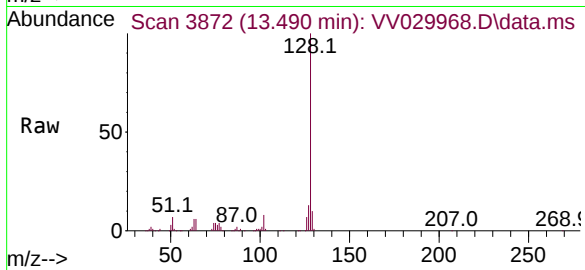
Tgt Ion:128 Resp: 128733

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 12.6 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 4.806 ug/L

RT: 13.728 min Scan# 3946

Delta R.T. 0.000 min

Lab File: VV029968.D

Acq: 26 Jan 2023 20:23

Tgt Ion:180 Resp: 78370

Ion Ratio Lower Upper

180 100

182 94.5 75.5 113.3

145 30.0 25.0 37.6

