

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW013123\
 Data File : VW030004.D
 Acq On : 31 Jan 2023 10:12
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005398

Quant Time: Feb 01 00:09:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 28 02:00:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	237916	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	223138	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	122812	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	89729	4.972	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.564	69	82166	5.493	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.800%
11) 1,1-Dichloroethene-d2	2.105	63	165680	5.036	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.800%
20) 2-Butanone-d5	3.886	46	165720	51.812	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.620%
24) Chloroform-d	4.333	84	159898	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.021	65	66891	4.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.037	84	333457	5.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.056	67	101090	5.219	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.304	98	298502	4.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	7.609	79	34053	4.813	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.082	63	148824	51.671	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.340%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	70370	4.957	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.609	152	104591	4.684	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	91851	4.148	ug/L	99
3) Chloromethane	1.240	50	127430	5.468	ug/L	100
5) Vinyl chloride	1.307	62	121395	5.312	ug/L	99
6) Bromomethane	1.519	94	36314	3.264	ug/L	99
8) Chloroethane	1.580	64	76344	5.506	ug/L	100
9) Trichlorofluoromethane	1.748	101	137418	4.591	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	87655	4.971	ug/L	95
12) 1,1-Dichloroethene	2.114	96	84017	4.136	ug/L	90
13) Acetone	2.178	43	115304	50.508	ug/L	92
14) Carbon disulfide	2.288	76	249565	4.267	ug/L	100
15) Methyl Acetate	2.432	43	28049	4.718	ug/L	94
16) Methylene chloride	2.500	84	95586	3.788	ug/L	90
17) Methyl tert-butyl Ether	2.760	73	171427	4.880	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	86730	4.593	ug/L	89
19) 1,1-Dichloroethane	3.178	63	166370	5.266	ug/L	97
21) 2-Butanone	3.966	43	171320	52.385	ug/L	99
22) cis-1,2-Dichloroethene	3.899	96	93769	4.660	ug/L	93
23) Bromochloromethane	4.233	128	38113	4.586	ug/L	# 78
25) Chloroform	4.362	83	159024	4.631	ug/L	100

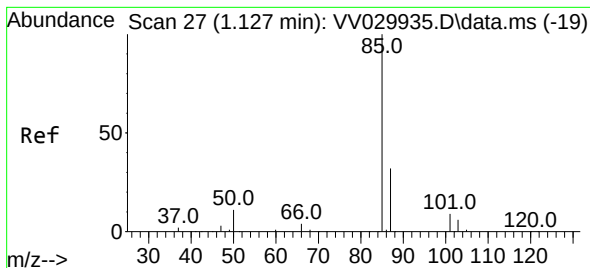
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW013123\
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Quant Time: Feb 01 00:09:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 28 02:00:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.117	62	82442	4.941	ug/L	98
29) 1,1,1-Trichloroethane	4.593	97	135352	4.672	ug/L	97
30) Cyclohexane	4.667	56	139740	5.094	ug/L	96
31) Carbon tetrachloride	4.815	117	114017	4.522	ug/L	99
33) Benzene	5.088	78	375211	5.086	ug/L	100
34) Trichloroethene	5.902	95	89561	4.790	ug/L	97
35) Methylcyclohexane	6.120	83	152549	4.833	ug/L	97
37) 1,2-Dichloropropane	6.162	63	97188	5.625	ug/L	99
38) Bromodichloromethane	6.497	83	110423	4.942	ug/L	98
39) cis-1,3-Dichloropropene	7.018	75	124224	5.362	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	419231	56.860	ug/L	95
42) Toluene	7.374	91	394660	4.960	ug/L	100
44) trans-1,3-Dichloropropene	7.638	75	101924	5.459	ug/L	99
45) 1,1,2-Trichloroethane	7.828	97	61351	4.929	ug/L	99
47) Tetrachloroethene	7.963	164	72116	4.581	ug/L	99
48) 2-Hexanone	8.130	43	303056	57.507	ug/L	96
49) Dibromochloromethane	8.233	129	69072	4.728	ug/L	98
50) 1,2-Dibromoethane	8.342	107	52732	4.880	ug/L	96
51) Chlorobenzene	8.870	112	244038	4.830	ug/L	99
52) Ethylbenzene	9.001	91	403495	4.845	ug/L	99
53) m,p-Xylene	9.127	106	156870	4.759	ug/L	99
54) o-Xylene	9.532	106	151947	4.857	ug/L	98
55) Styrene	9.548	104	265265	4.930	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.230	83	71975	5.205	ug/L	98
59) Bromoform	9.718	173	36697	4.613	ug/L	100
60) Isopropylbenzene	9.918	105	402309	5.125	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	47540	5.228	ug/L	98
62) 1,3,5-Trimethylbenzene	10.525	105	324186	4.819	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	328588	4.898	ug/L	100
64) 1,3-Dichlorobenzene	11.165	146	198281	4.974	ug/L	99
65) 1,4-Dichlorobenzene	11.258	146	196096	4.935	ug/L	97
67) 1,2-Dichlorobenzene	11.628	146	181722	5.071	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.413	75	10869	5.054	ug/L	92
69) 1,3,5-Trichlorobenzene	12.631	180	159443	4.969	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	126604	5.049	ug/L	99
71) Naphthalene	13.487	128	168036	5.173	ug/L	99
72) 1,2,3-Trichlorobenzene	13.728	180	108605	5.219	ug/L	99

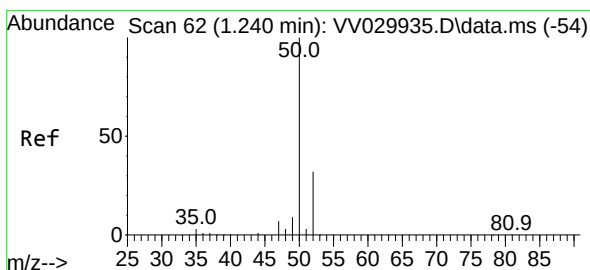
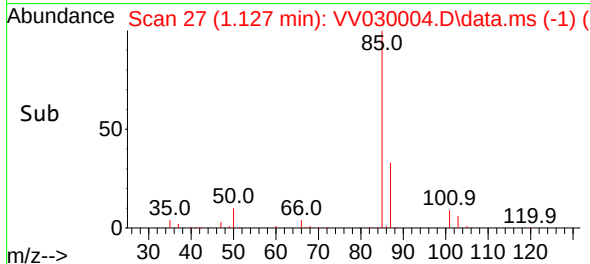
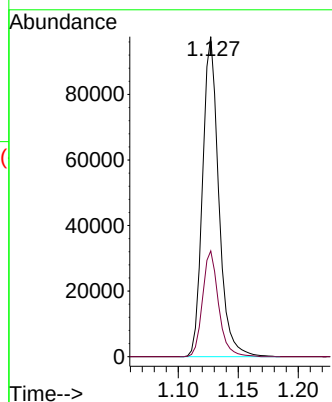
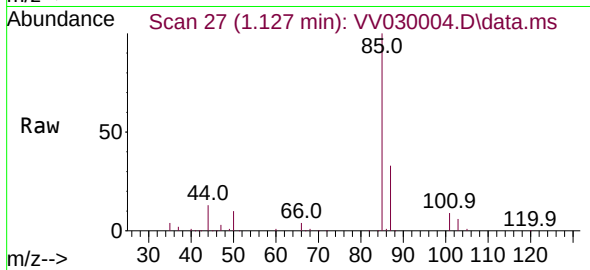
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.148 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV030004.D
 Acq: 31 Jan 2023 10:12

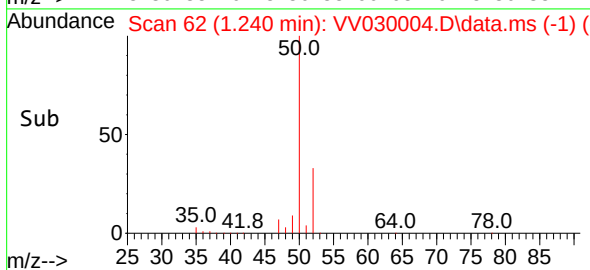
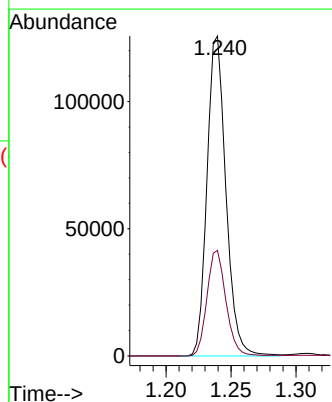
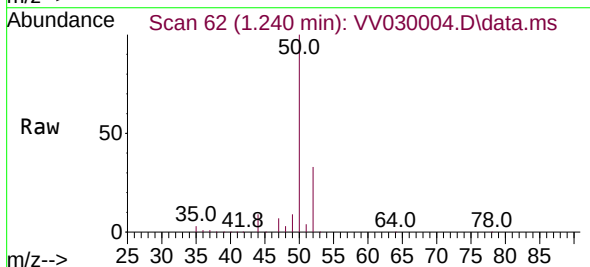
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005398

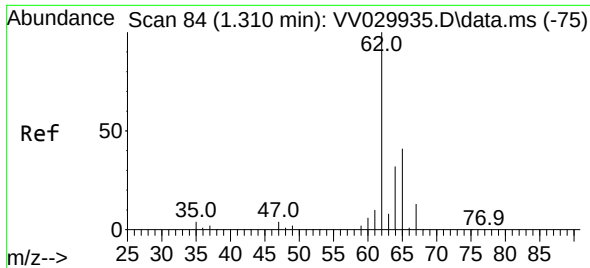
Tgt Ion: 85 Resp: 91851
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.5 39.7



#3
 Chloromethane
 Concen: 5.468 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV030004.D
 Acq: 31 Jan 2023 10:12

Tgt Ion: 50 Resp: 127430
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.1 42.9

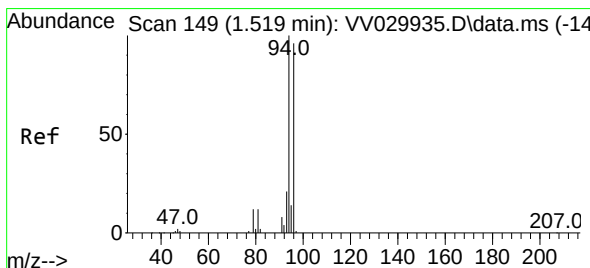
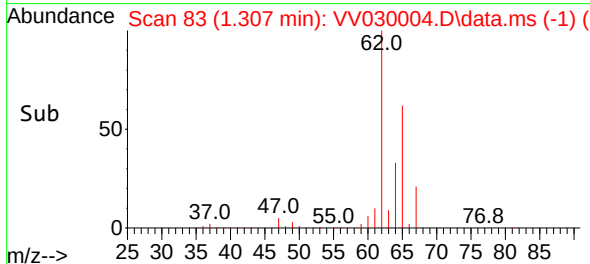
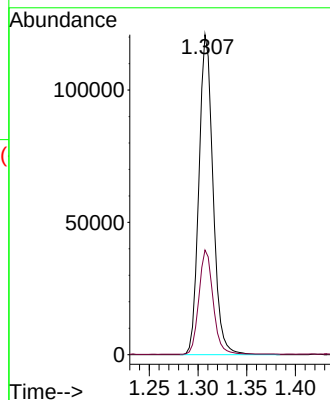
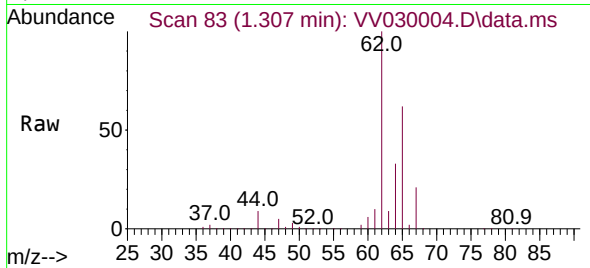




#5
 Vinyl chloride
 Concen: 5.312 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV030004.D
 Acq: 31 Jan 2023 10:12

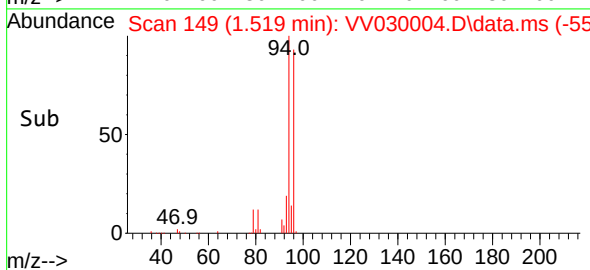
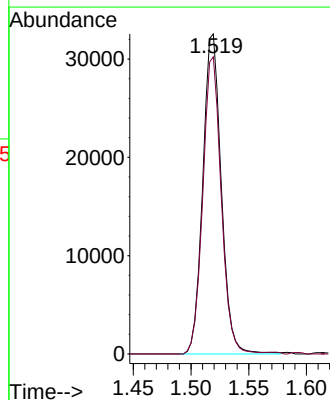
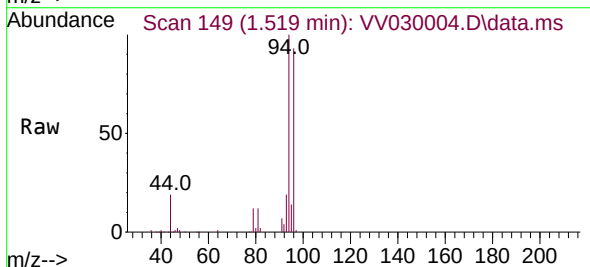
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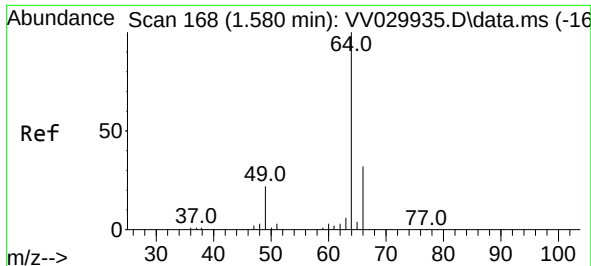
Tgt Ion: 62 Resp: 121395
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.2 43.2



#6
 Bromomethane
 Concen: 3.264 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV030004.D
 Acq: 31 Jan 2023 10:12

Tgt Ion: 94 Resp: 36314
 Ion Ratio Lower Upper
 94 100
 96 92.9 65.9 122.5

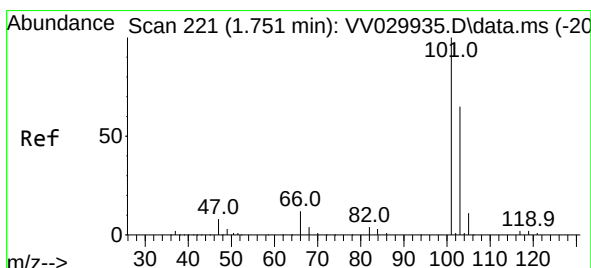
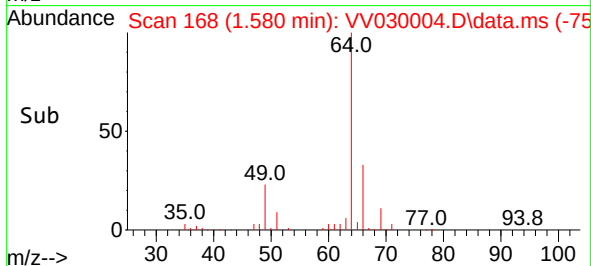
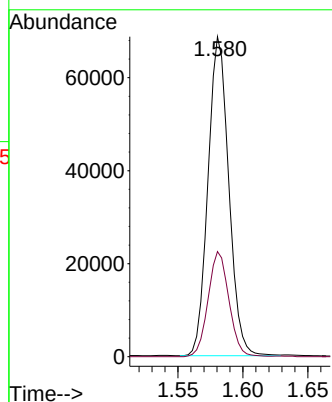
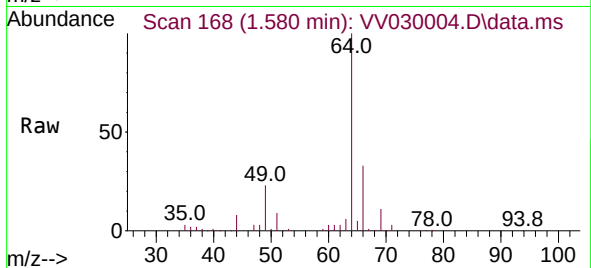




#8
Chloroethane
Concen: 5.506 ug/L
RT: 1.580 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV030004.D
Acq: 31 Jan 2023 10:12

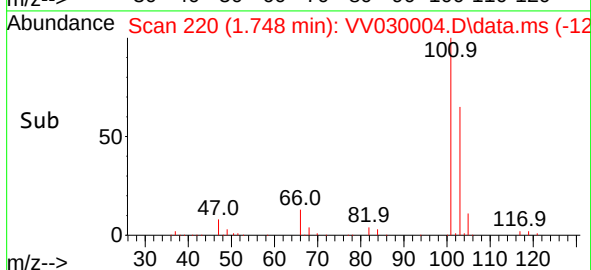
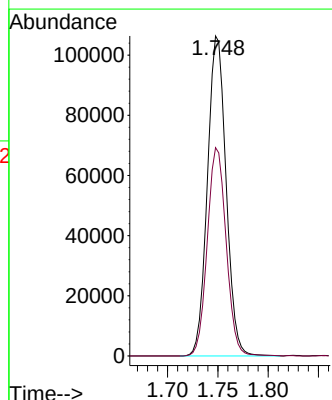
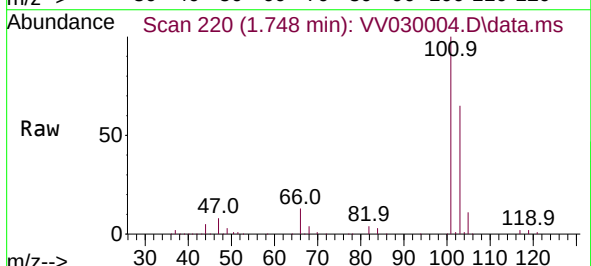
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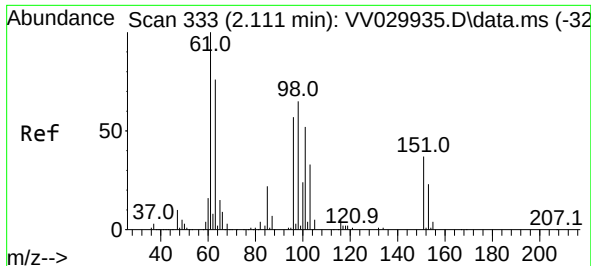
Tgt Ion: 64 Resp: 76344
Ion Ratio Lower Upper
64 100
66 32.9 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.591 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV030004.D
Acq: 31 Jan 2023 10:12

Tgt Ion:101 Resp: 137418
Ion Ratio Lower Upper
101 100
103 65.7 51.8 77.8

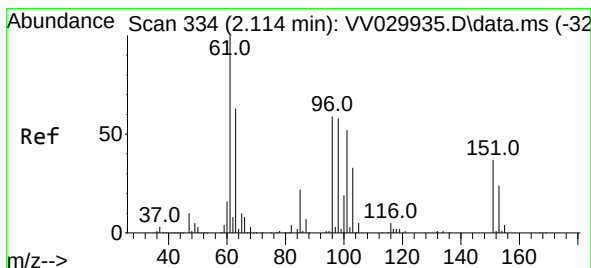
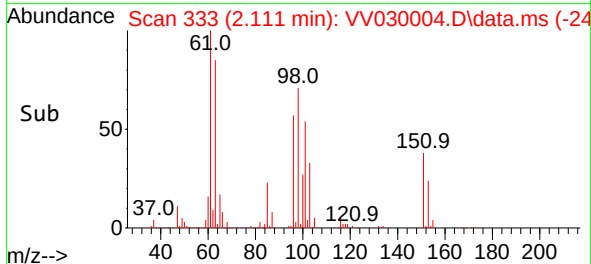
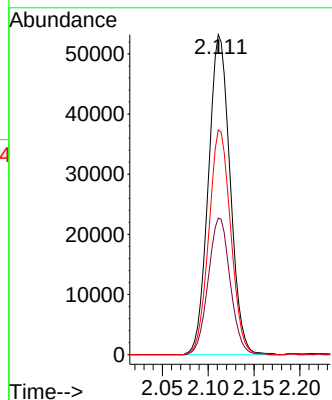
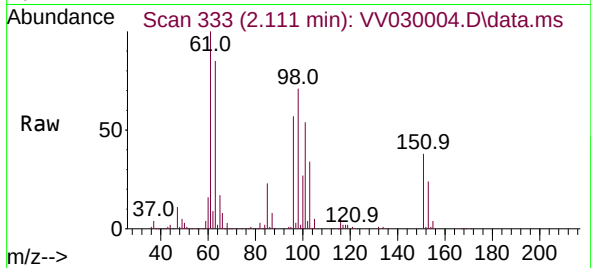




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.971 ug/L
 RT: 2.111 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VV030004.D
 Acq: 31 Jan 2023 10:12

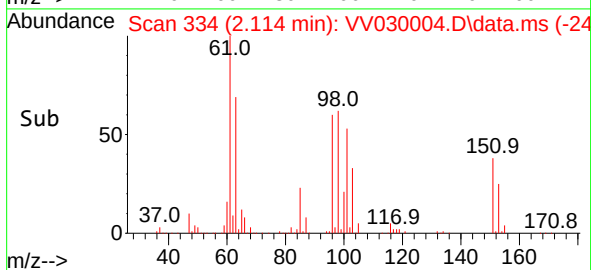
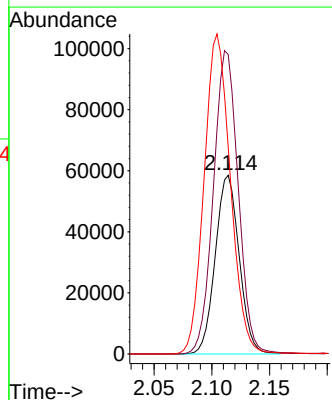
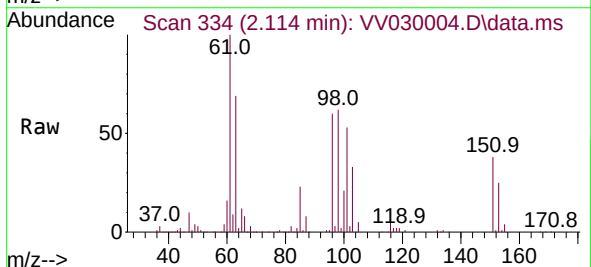
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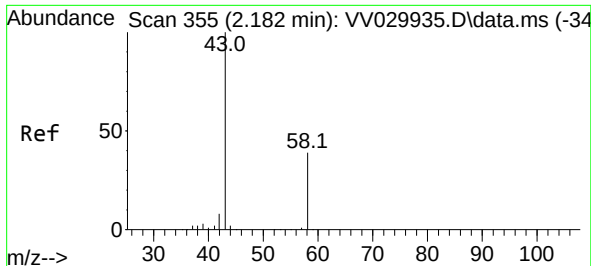
Tgt Ion:101 Resp: 87655
 Ion Ratio Lower Upper
 101 100
 85 43.1 32.9 49.3
 151 70.9 60.9 91.3



#12
 1,1-Dichloroethene
 Concen: 4.136 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV030004.D
 Acq: 31 Jan 2023 10:12

Tgt Ion: 96 Resp: 84017
 Ion Ratio Lower Upper
 96 100
 61 167.7 106.1 197.1
 63 115.9 76.4 141.8





#13

Acetone

Concen: 50.508 ug/L

RT: 2.178 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV030004.D

Acq: 31 Jan 2023 10:12

Instrument :

MSVOA_V

ClientSampleId :

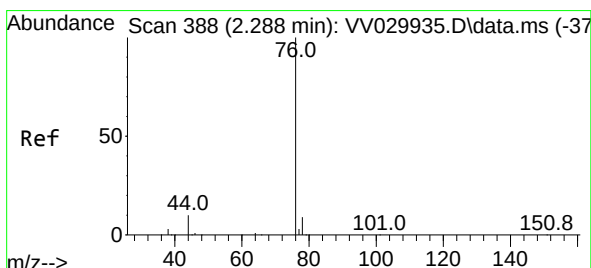
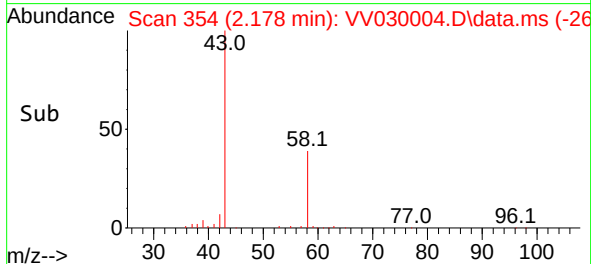
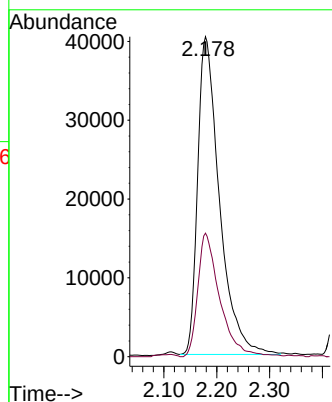
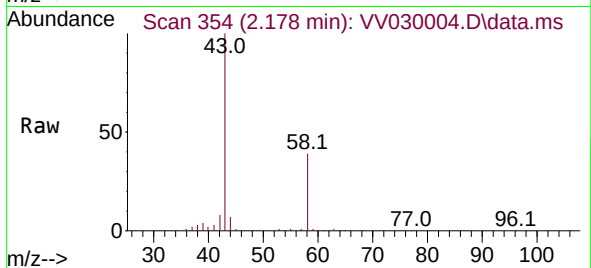
VSTD005398

Tgt Ion: 43 Resp: 115304

Ion Ratio Lower Upper

43 100

58 39.2 0.0 68.8



#14

Carbon disulfide

Concen: 4.267 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV030004.D

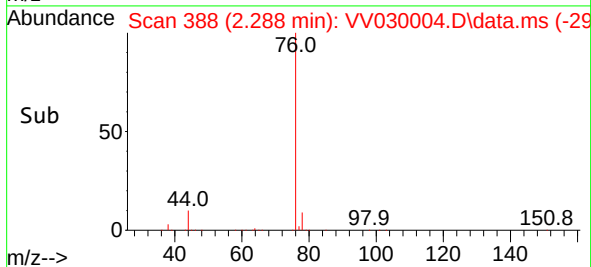
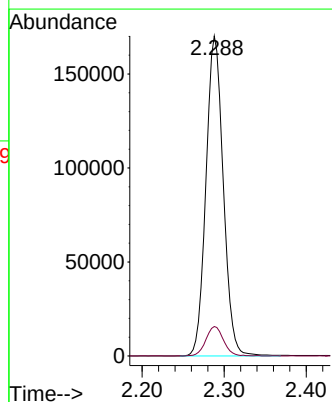
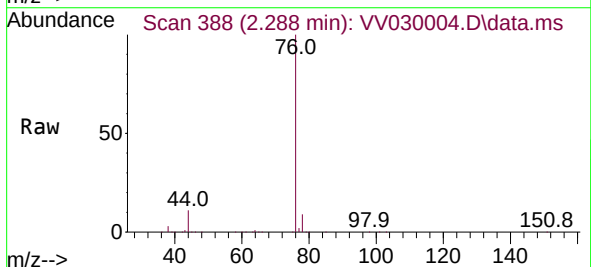
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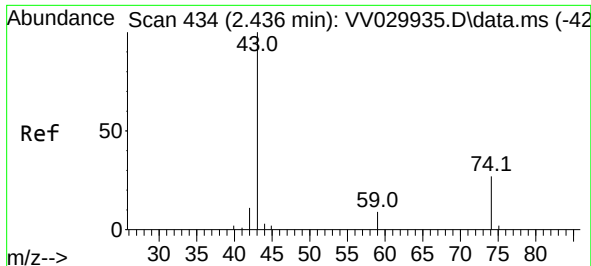
Tgt Ion: 76 Resp: 249565

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

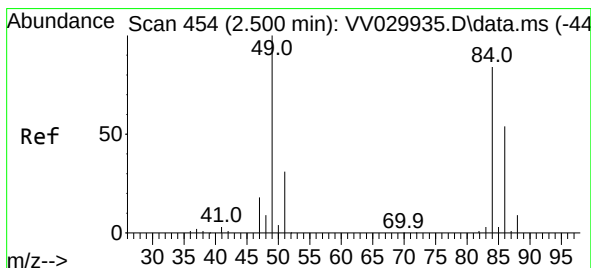
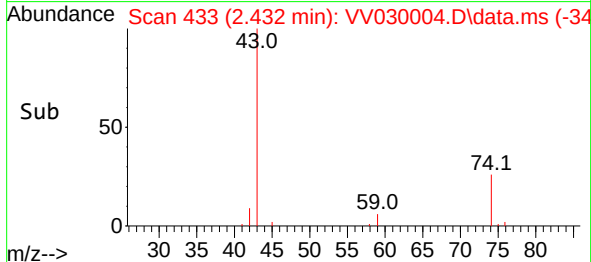
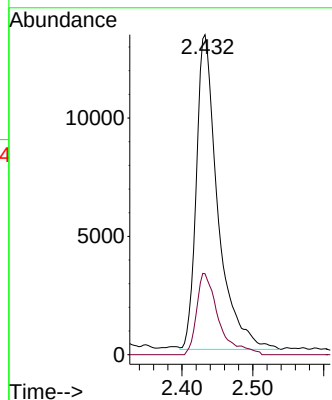
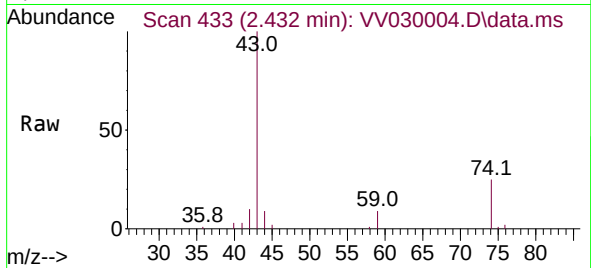




#15
Methyl Acetate
Concen: 4.718 ug/L
RT: 2.432 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV030004.D
Acq: 31 Jan 2023 10:12

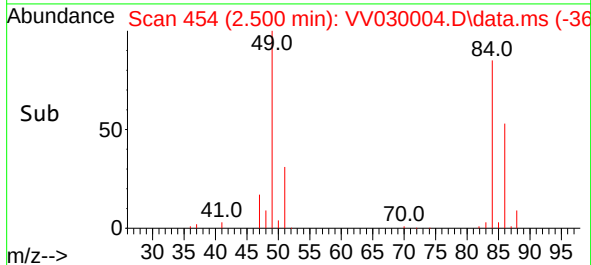
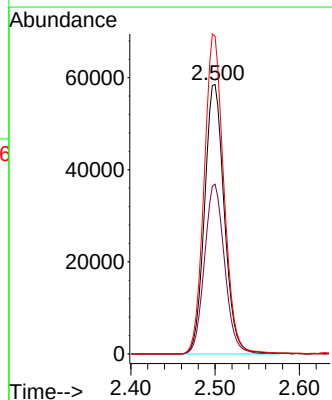
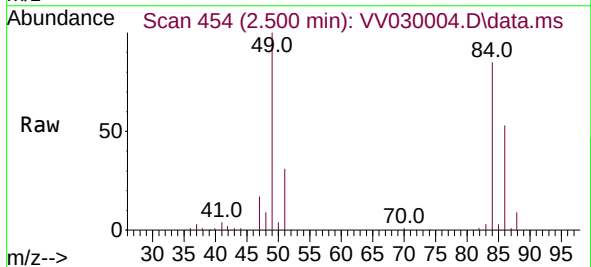
Instrument :
MSVOA_V
ClientSampleId :
VSTD005398

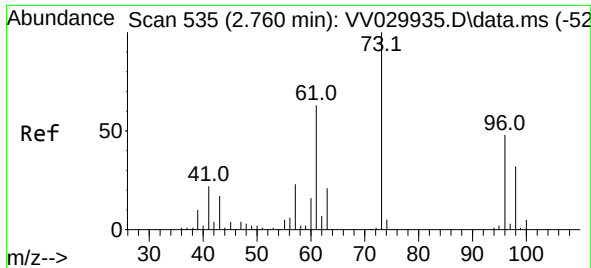
Tgt Ion: 43 Resp: 28049
Ion Ratio Lower Upper
43 100
74 26.2 23.4 35.0



#16
Methylene chloride
Concen: 3.788 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV030004.D
Acq: 31 Jan 2023 10:12

Tgt Ion: 84 Resp: 95586
Ion Ratio Lower Upper
84 100
86 63.0 45.0 83.6
49 117.9 71.5 132.7

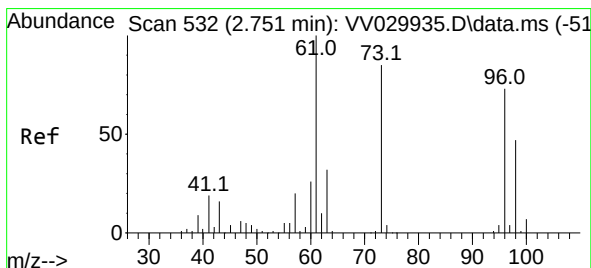
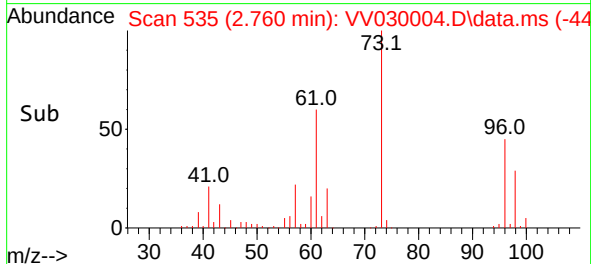
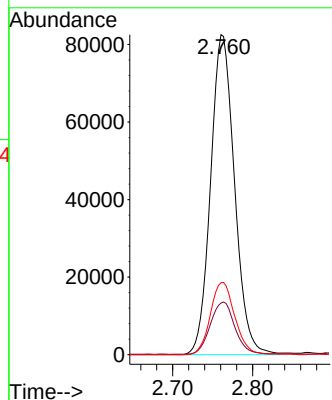
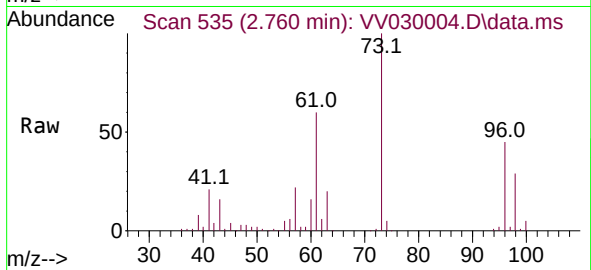




#17
Methyl tert-butyl Ether
Concen: 4.880 ug/L
RT: 2.760 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030004.D
Acq: 31 Jan 2023 10:12

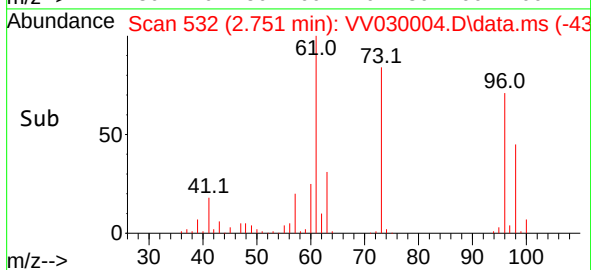
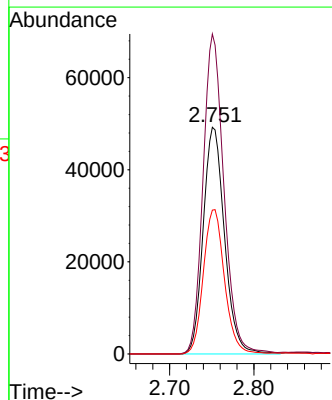
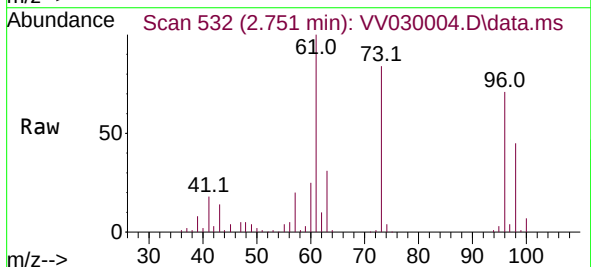
Instrument :
MSVOA_V
ClientSampleId :
VSTD005398

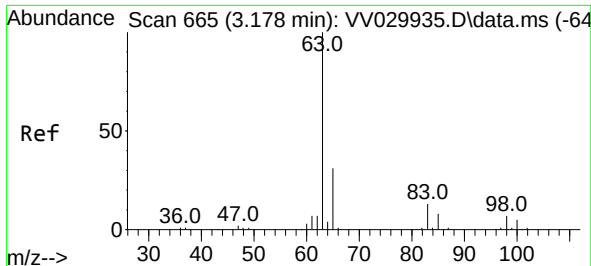
Tgt Ion: 73 Resp: 171427
Ion Ratio Lower Upper
73 100
43 16.7 13.0 19.4
57 23.3 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.593 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.000 min
Lab File: VV030004.D
Acq: 31 Jan 2023 10:12

Tgt Ion: 96 Resp: 86730
Ion Ratio Lower Upper
96 100
61 141.1 86.1 159.9
98 63.5 43.9 81.5





#19

1,1-Dichloroethane

Concen: 5.266 ug/L

RT: 3.178 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV030004.D

Acq: 31 Jan 2023 10:12

Instrument :

MSVOA_V

ClientSampleId :

VSTD005398

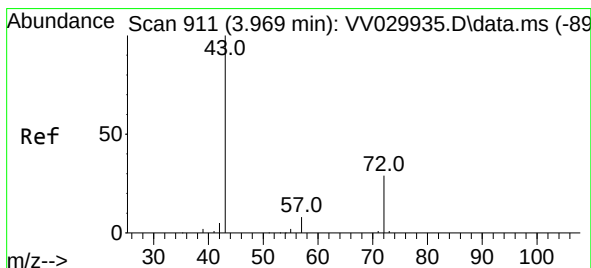
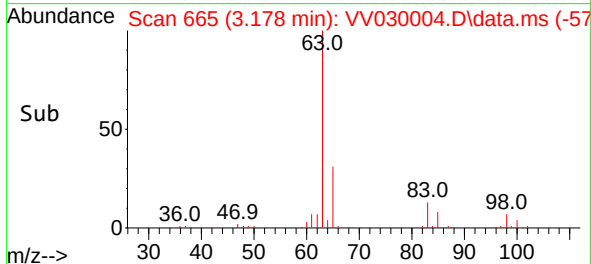
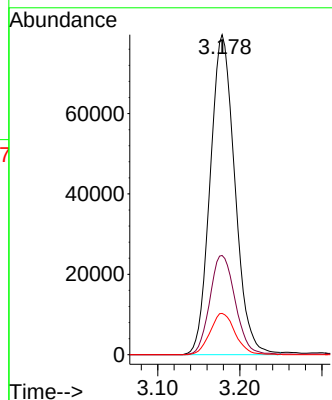
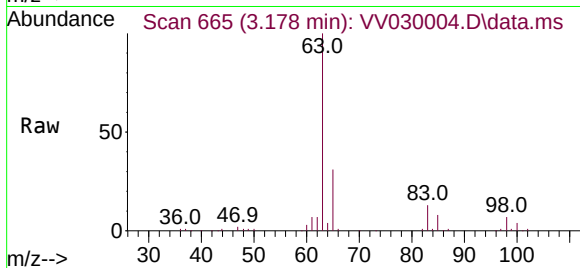
Tgt Ion: 63 Resp: 166370

Ion Ratio Lower Upper

63 100

65 31.0 22.4 41.6

83 12.9 10.2 19.0



#21

2-Butanone

Concen: 52.385 ug/L

RT: 3.966 min Scan# 910

Delta R.T. -0.003 min

Lab File: VV030004.D

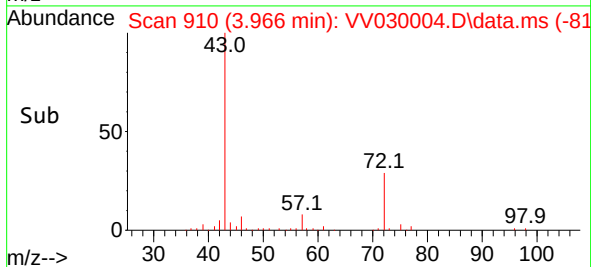
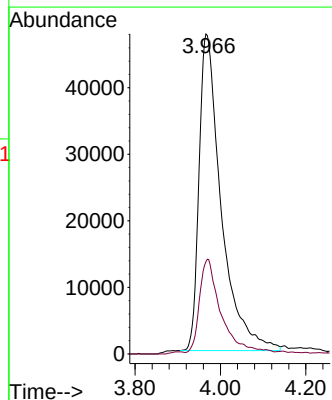
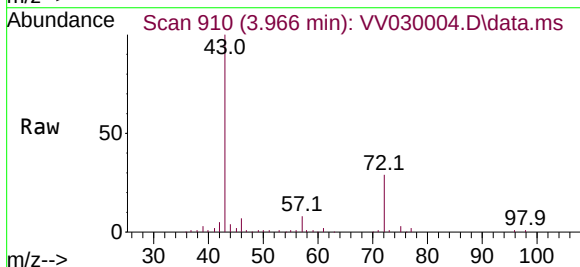
Acq: 31 Jan 2023 10:12

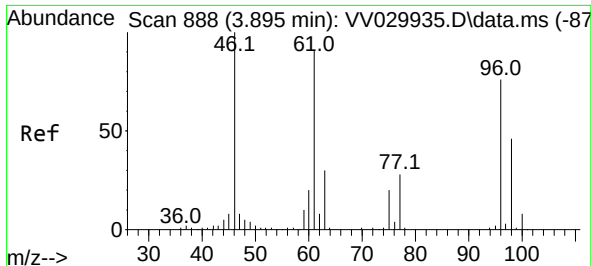
Tgt Ion: 43 Resp: 171320

Ion Ratio Lower Upper

43 100

72 28.0 13.9 41.6

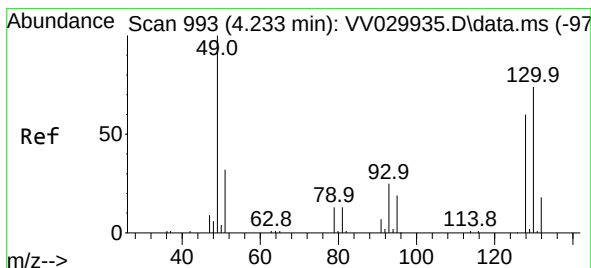
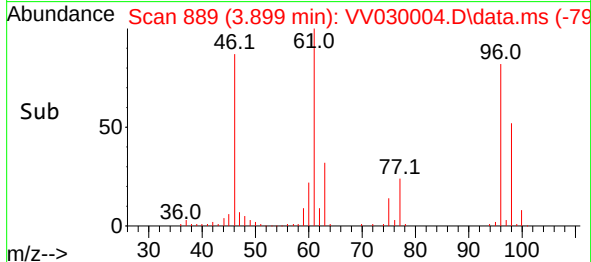
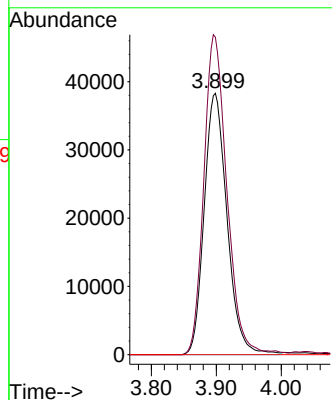
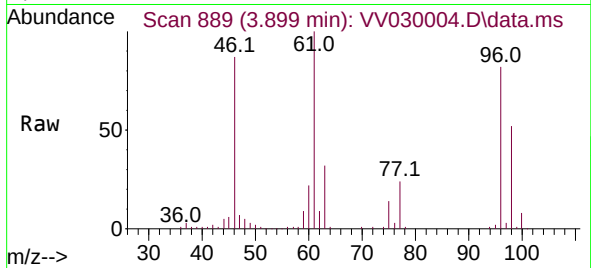




#22
cis-1,2-Dichloroethene
Concen: 4.660 ug/L
RT: 3.899 min Scan# 888
Delta R.T. 0.003 min
Lab File: VV030004.D
Acq: 31 Jan 2023 10:12

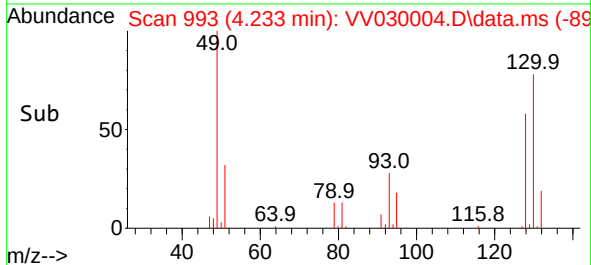
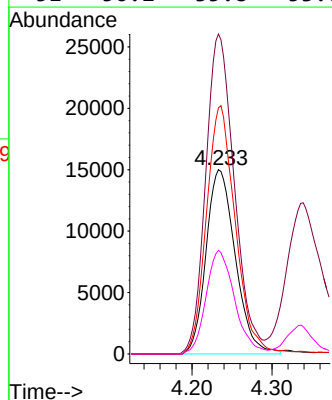
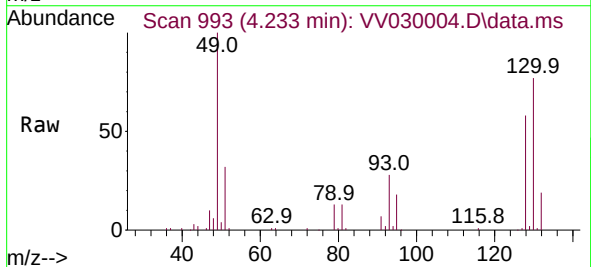
Instrument :
MSVOA_V
ClientSampleId :
VSTD005398

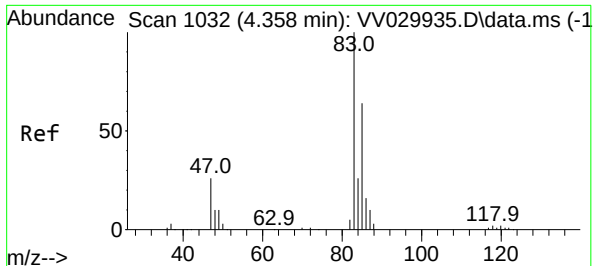
Tgt Ion: 96 Resp: 93769
Ion Ratio Lower Upper
96 100
61 121.4 80.0 148.6
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 4.586 ug/L
RT: 4.233 min Scan# 993
Delta R.T. 0.003 min
Lab File: VV030004.D
Acq: 31 Jan 2023 10:12

Tgt Ion:128 Resp: 38113
Ion Ratio Lower Upper
128 100
49 173.6 91.2 169.4#
130 133.5 87.0 161.6
51 56.2 35.8 53.6#





#25

Chloroform

Concen: 4.631 ug/L

RT: 4.362 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VV030004.D

Acq: 31 Jan 2023 10:12

Instrument :

MSVOA_V

ClientSampleId :

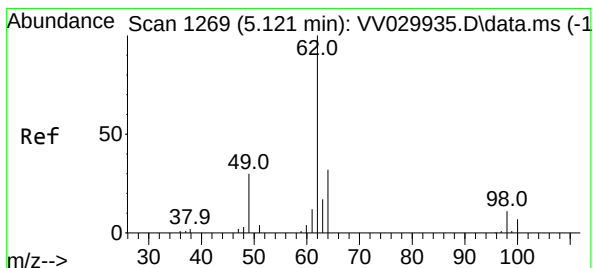
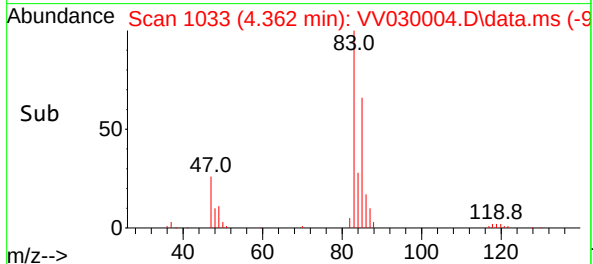
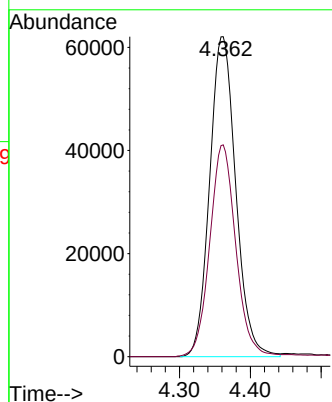
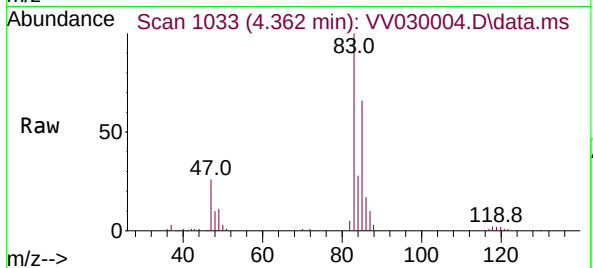
VSTD005398

Tgt Ion: 83 Resp: 159024

Ion Ratio Lower Upper

83 100

85 66.2 46.5 86.5



#27

1,2-Dichloroethane

Concen: 4.941 ug/L

RT: 5.117 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VV030004.D

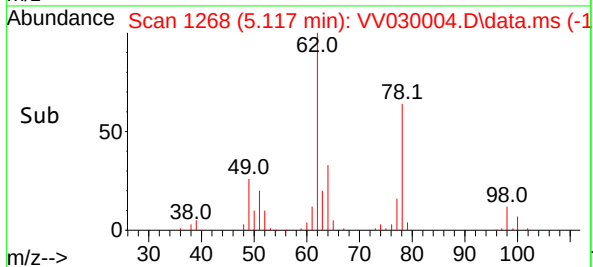
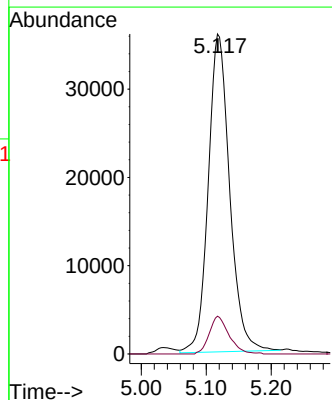
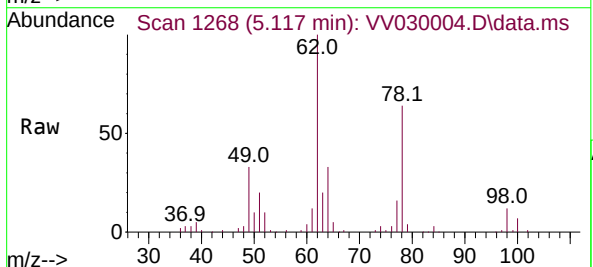
Acq: 31 Jan 2023 10:12

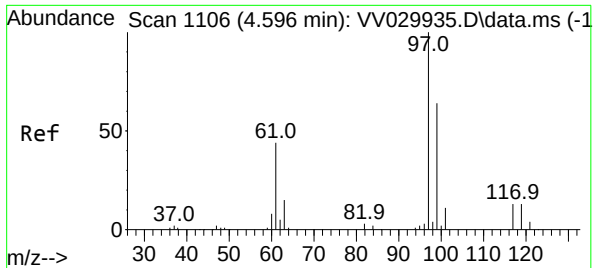
Tgt Ion: 62 Resp: 82442

Ion Ratio Lower Upper

62 100

98 11.8 8.9 13.3





#29

1,1,1-Trichloroethane

Concen: 4.672 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VV030004.D

Acq: 31 Jan 2023 10:12

Instrument :

MSVOA_V

ClientSampleId :

VSTD005398

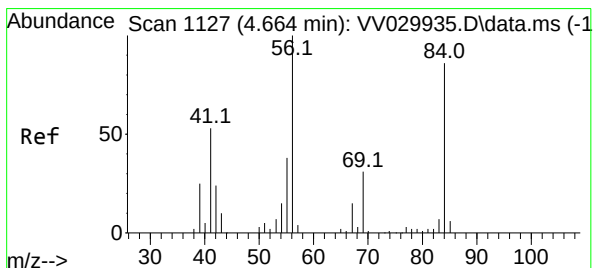
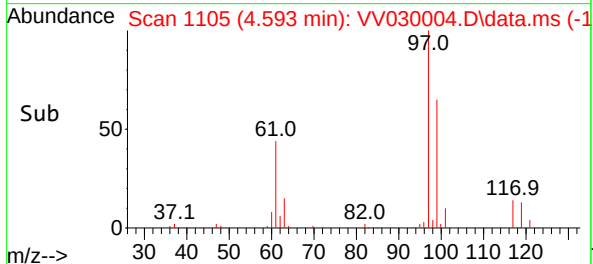
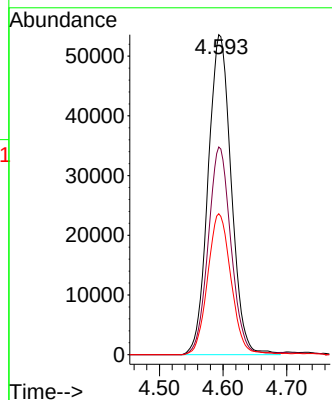
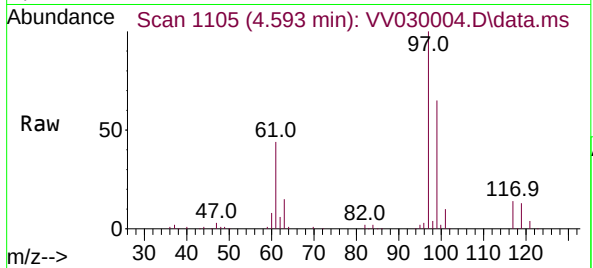
Tgt Ion: 97 Resp: 135352

Ion Ratio Lower Upper

97 100

99 63.9 51.3 76.9

61 44.6 31.6 47.4



#30

Cyclohexane

Concen: 5.094 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VV030004.D

Acq: 31 Jan 2023 10:12

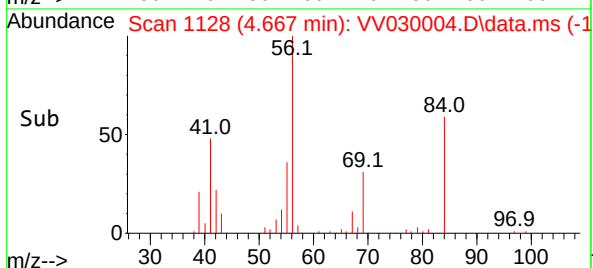
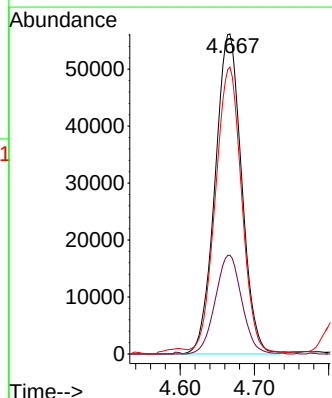
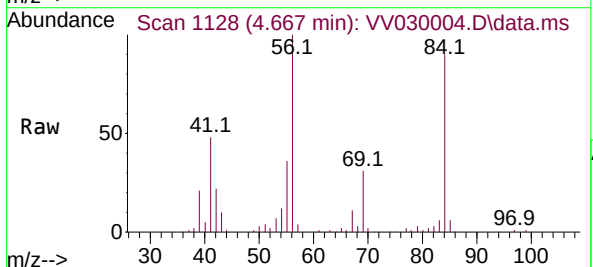
Tgt Ion: 56 Resp: 139740

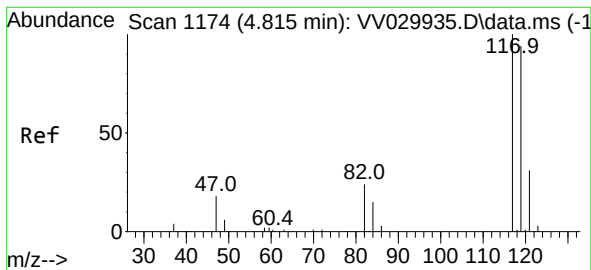
Ion Ratio Lower Upper

56 100

69 30.8 26.7 40.1

84 88.2 73.8 110.8





#31

Carbon tetrachloride

Concen: 4.522 ug/L

RT: 4.815 min Scan# 1174

Delta R.T. 0.003 min

Lab File: VV030004.D

Acq: 31 Jan 2023 10:12

Instrument :

MSVOA_V

ClientSampleId :

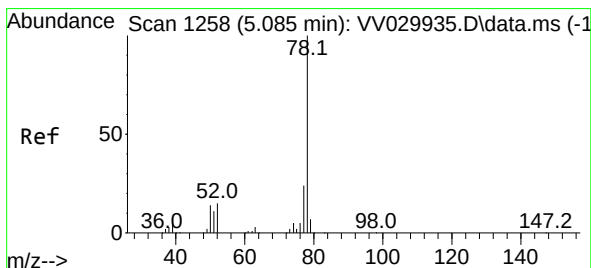
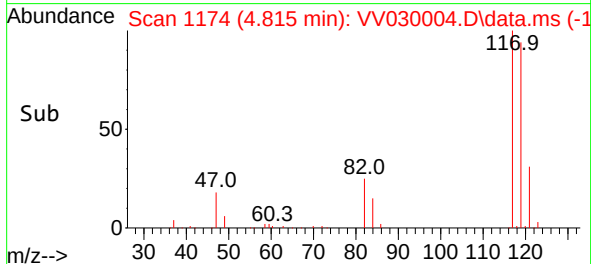
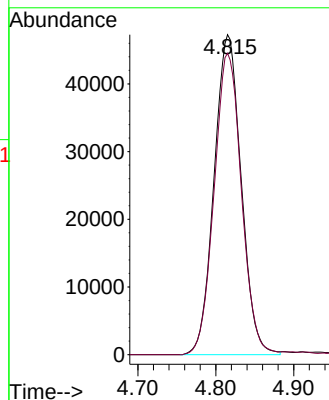
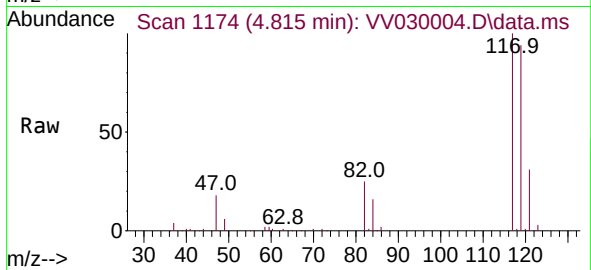
VSTD005398

Tgt Ion:117 Resp: 114017

Ion Ratio Lower Upper

117 100

119 95.1 76.6 114.8



#33

Benzene

Concen: 5.086 ug/L

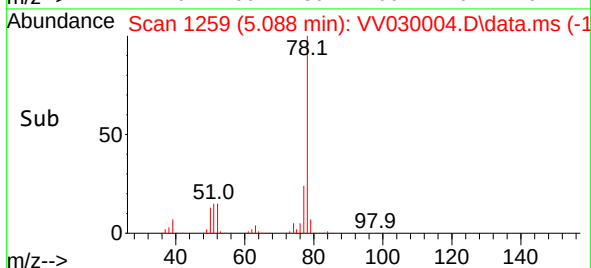
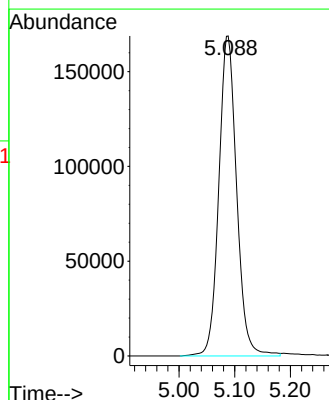
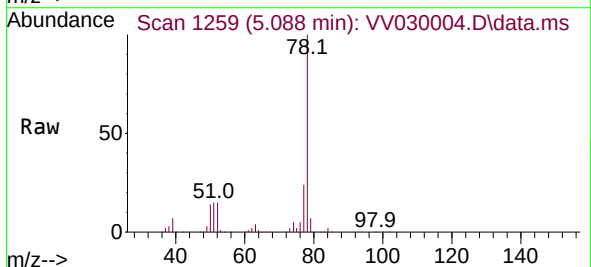
RT: 5.088 min Scan# 1259

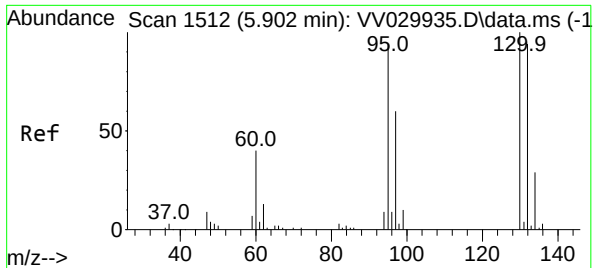
Delta R.T. 0.003 min

Lab File: VV030004.D

Acq: 31 Jan 2023 10:12

Tgt Ion: 78 Resp: 375211

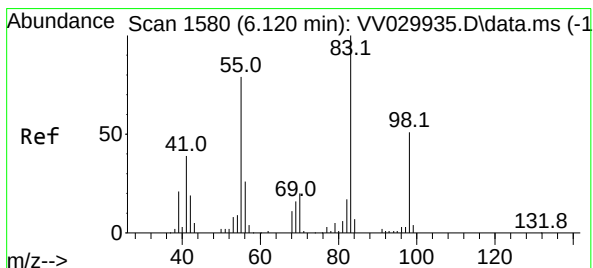
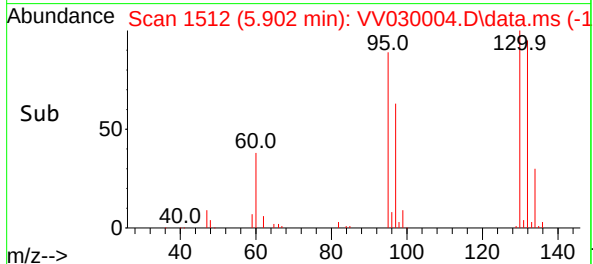
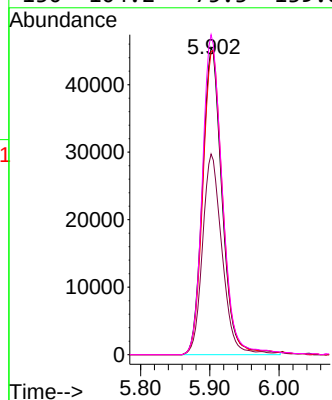
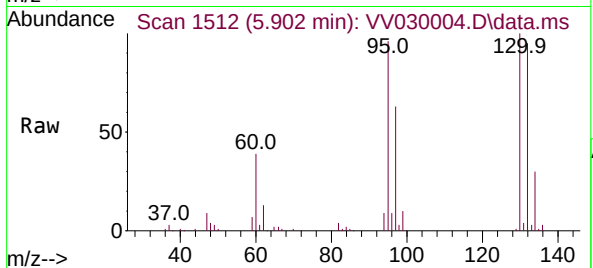




#34
Trichloroethene
Concen: 4.790 ug/L
RT: 5.902 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV030004.D
Acq: 31 Jan 2023 10:12

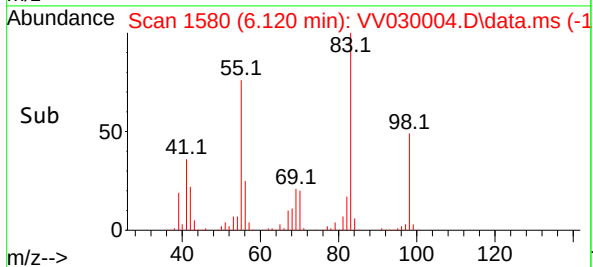
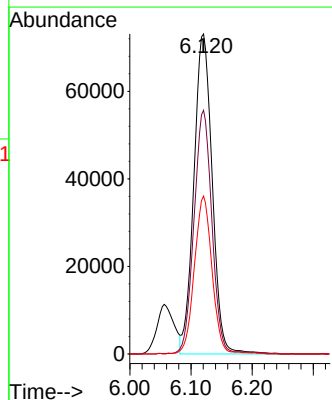
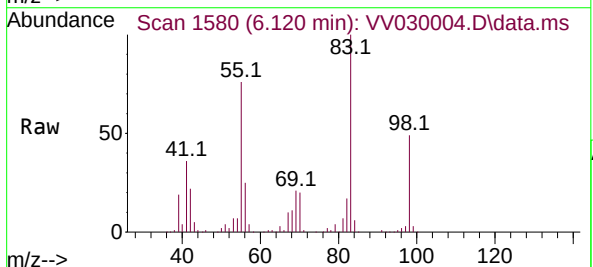
Instrument :
MSVOA_V
ClientSampleId :
VSTD005398

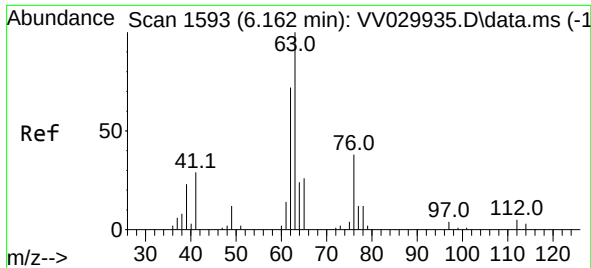
Tgt Ion: 95 Resp: 89561
Ion Ratio Lower Upper
95 100
97 65.3 44.9 83.3
132 98.7 71.8 133.4
130 104.2 75.3 139.8



#35
Methylcyclohexane
Concen: 4.833 ug/L
RT: 6.120 min Scan# 1580
Delta R.T. 0.003 min
Lab File: VV030004.D
Acq: 31 Jan 2023 10:12

Tgt Ion: 83 Resp: 152549
Ion Ratio Lower Upper
83 100
55 74.1 57.3 85.9
98 47.6 39.0 58.6

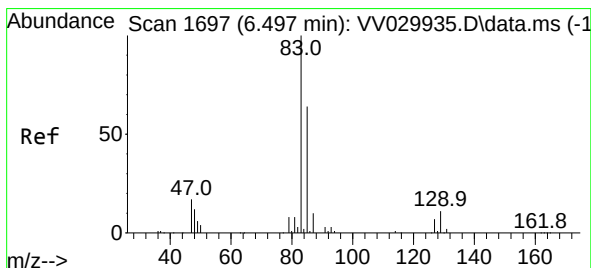
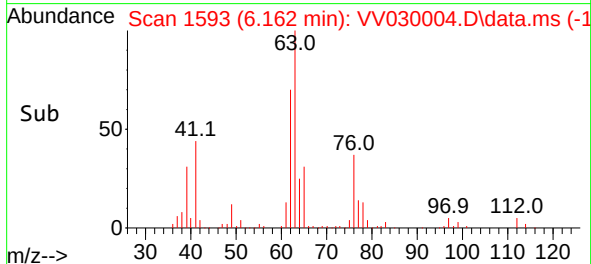
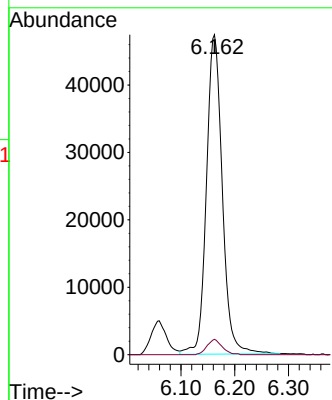
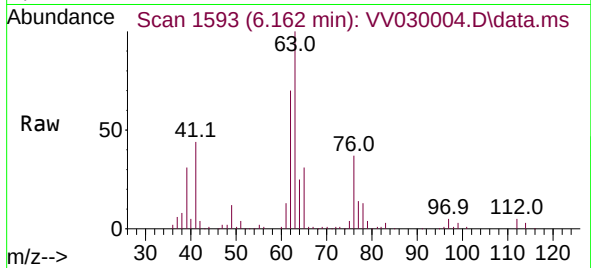




#37
1,2-Dichloropropane
Concen: 5.625 ug/L
RT: 6.162 min Scan# 1593
Delta R.T. 0.003 min
Lab File: VV030004.D
Acq: 31 Jan 2023 10:12

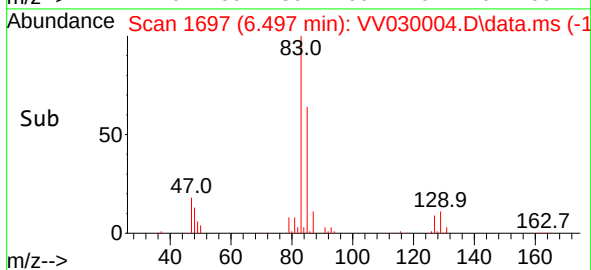
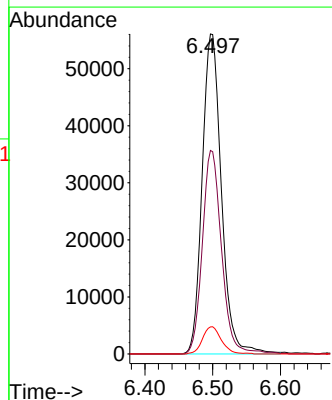
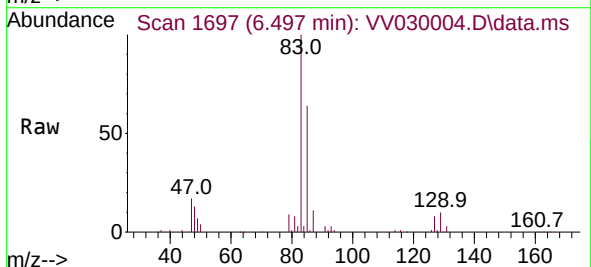
Instrument :
MSVOA_V
ClientSampleId :
VSTD005398

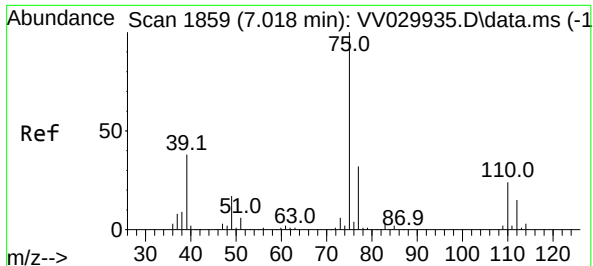
Tgt Ion: 63 Resp: 97188
Ion Ratio Lower Upper
63 100
112 4.6 3.9 5.9



#38
Bromodichloromethane
Concen: 4.942 ug/L
RT: 6.497 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VV030004.D
Acq: 31 Jan 2023 10:12

Tgt Ion: 83 Resp: 110423
Ion Ratio Lower Upper
83 100
85 63.6 43.2 80.2
127 8.5 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.362 ug/L

RT: 7.018 min Scan# 1859

Delta R.T. 0.003 min

Lab File: VV030004.D

Acq: 31 Jan 2023 10:12

Instrument :

MSVOA_V

ClientSampleId :

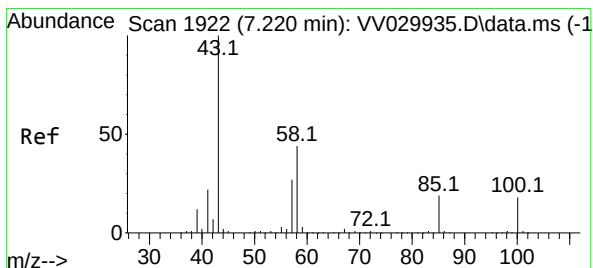
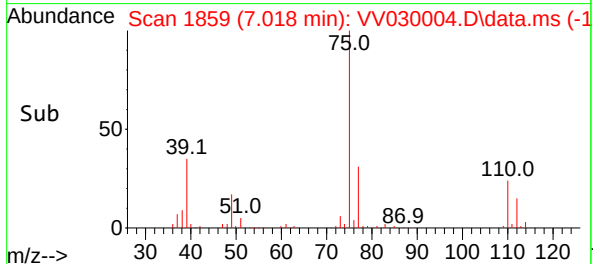
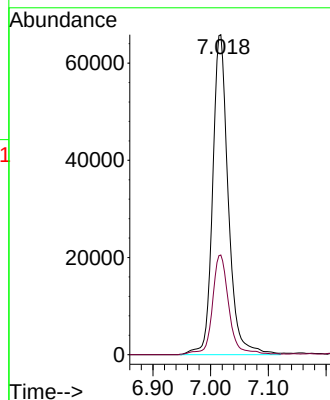
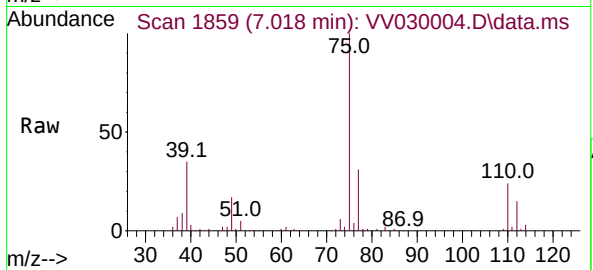
VSTD005398

Tgt Ion: 75 Resp: 124224

Ion Ratio Lower Upper

75 100

77 31.2 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 56.860 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. 0.003 min

Lab File: VV030004.D

Acq: 31 Jan 2023 10:12

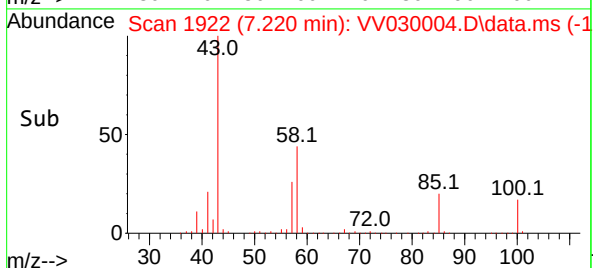
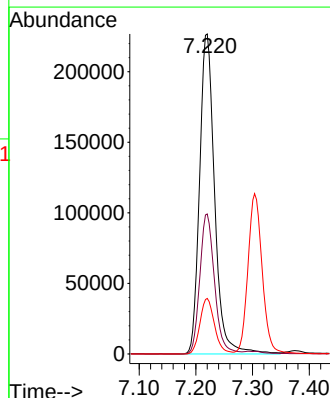
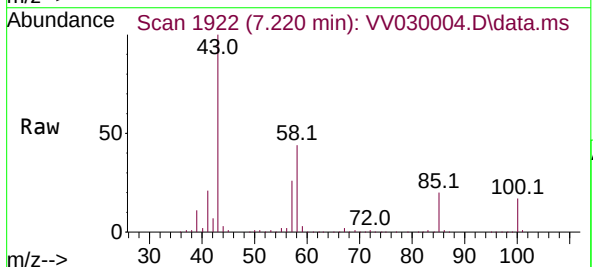
Tgt Ion: 43 Resp: 419231

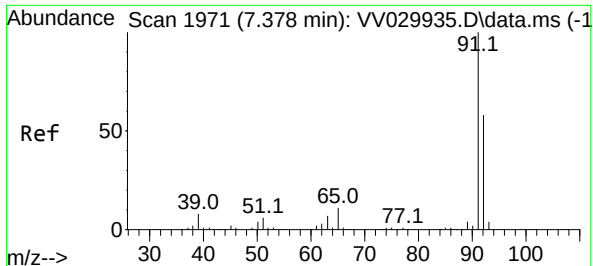
Ion Ratio Lower Upper

43 100

58 42.7 36.7 55.1

100 16.8 15.6 23.4





#42

Toluene

Concen: 4.960 ug/L

RT: 7.374 min Scan# 1971

Delta R.T. -0.000 min

Lab File: VV030004.D

Acq: 31 Jan 2023 10:12

Instrument :

MSVOA_V

ClientSampleId :

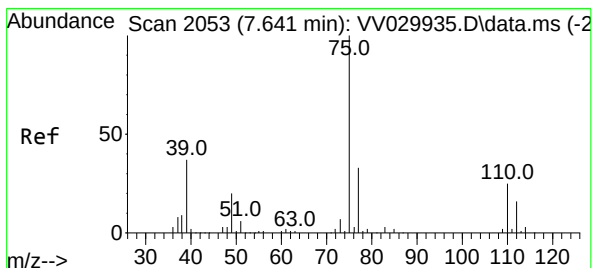
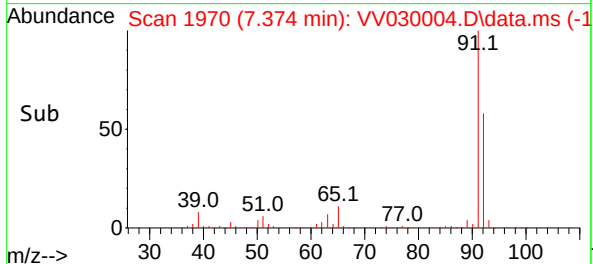
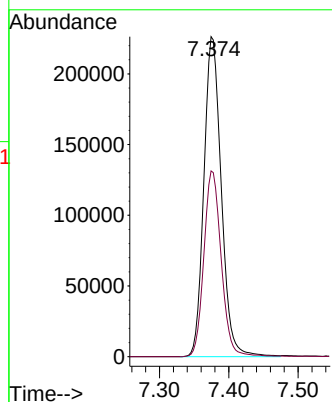
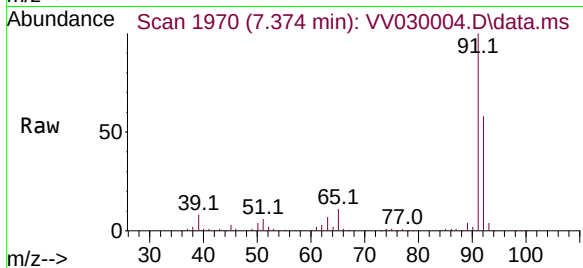
VSTD005398

Tgt Ion: 91 Resp: 394660

Ion Ratio Lower Upper

91 100

92 58.1 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.459 ug/L

RT: 7.638 min Scan# 2052

Delta R.T. -0.000 min

Lab File: VV030004.D

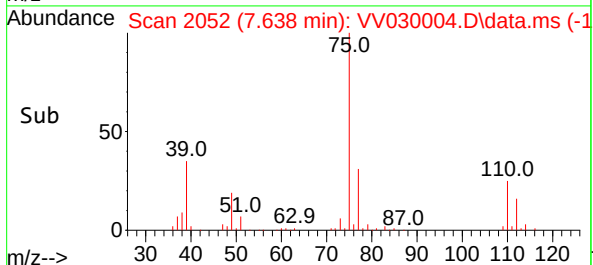
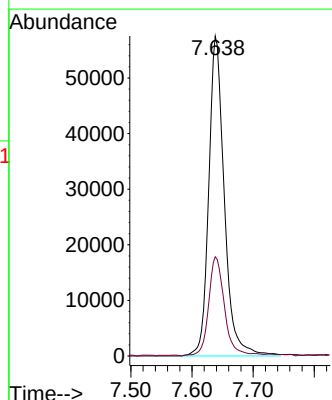
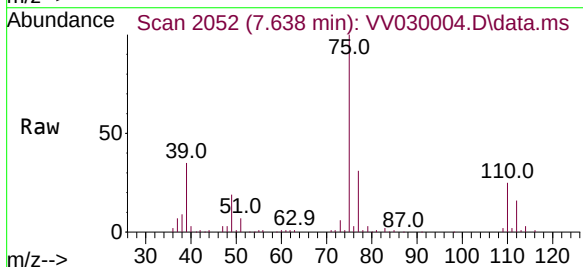
Acq: 31 Jan 2023 10:12

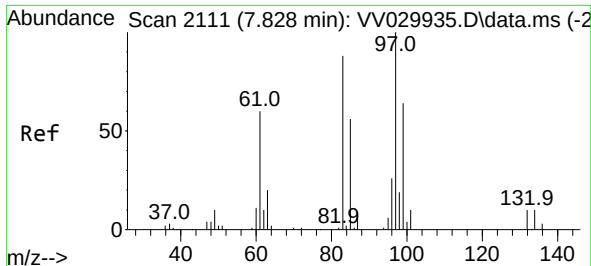
Tgt Ion: 75 Resp: 101924

Ion Ratio Lower Upper

75 100

77 31.0 21.9 40.7

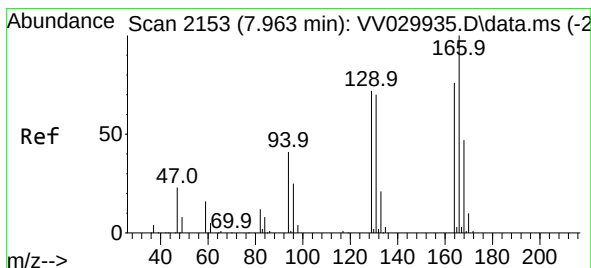
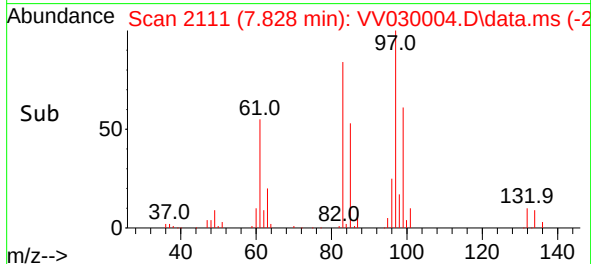
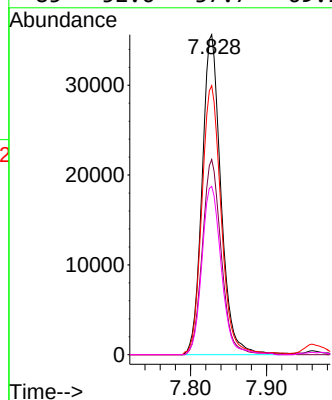
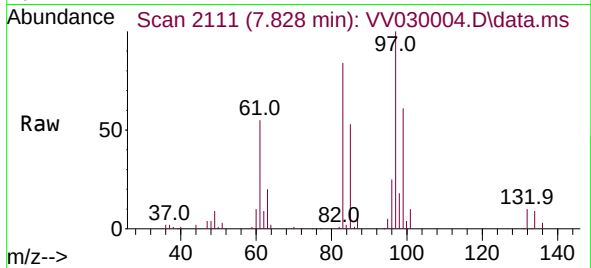




#45
1,1,2-Trichloroethane
Concen: 4.929 ug/L
RT: 7.828 min Scan# 2111
Delta R.T. 0.003 min
Lab File: VV030004.D
Acq: 31 Jan 2023 10:12

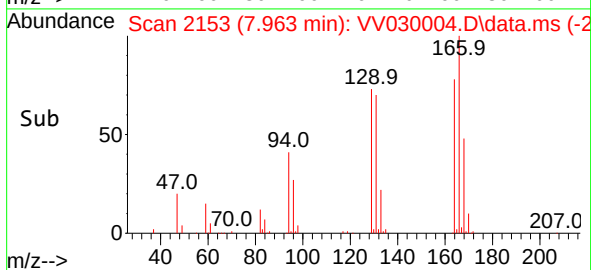
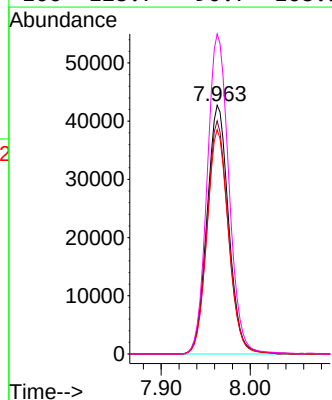
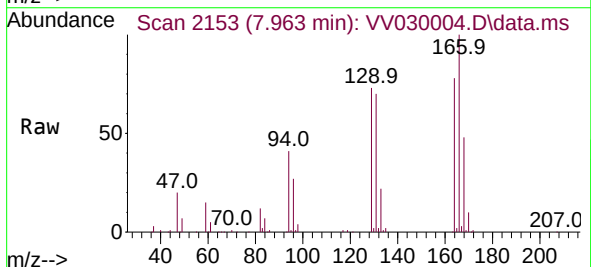
Instrument :
MSVOA_V
ClientSampleId :
VSTD005398

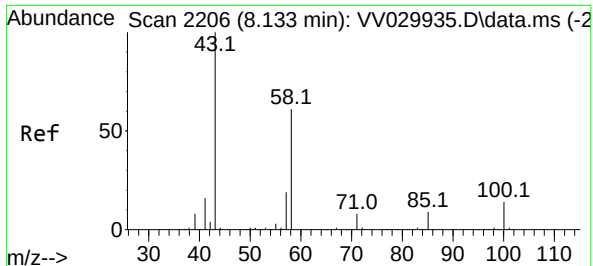
Tgt Ion:	97	Resp:	61351
Ion	Ratio	Lower	Upper
97	100		
99	61.0	41.9	77.7
83	84.1	58.7	109.1
85	52.6	37.7	69.9



#47
Tetrachloroethene
Concen: 4.581 ug/L
RT: 7.963 min Scan# 2153
Delta R.T. -0.000 min
Lab File: VV030004.D
Acq: 31 Jan 2023 10:12

Tgt Ion:	164	Resp:	72116
Ion	Ratio	Lower	Upper
164	100		
129	93.8	64.5	119.7
131	90.2	62.9	116.7
166	128.7	90.7	168.5

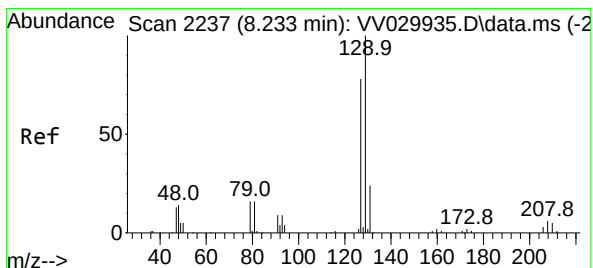
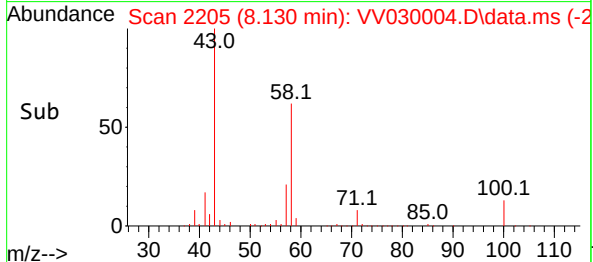
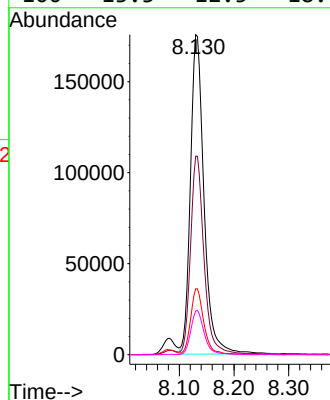
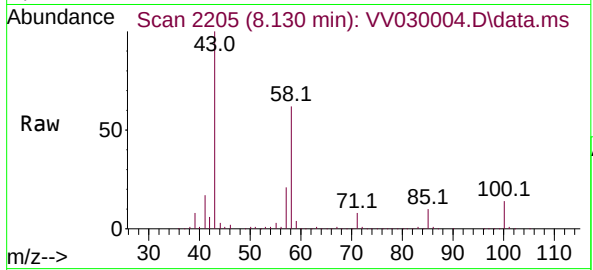




#48
2-Hexanone
Concen: 57.507 ug/L
RT: 8.130 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV030004.D
Acq: 31 Jan 2023 10:12

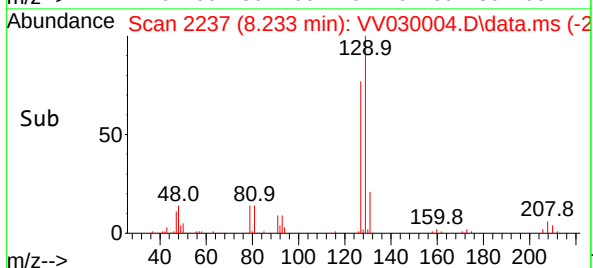
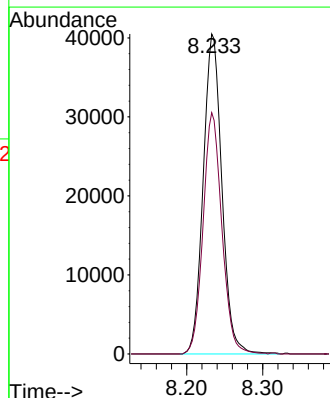
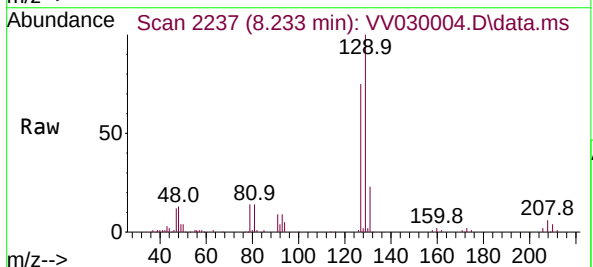
Instrument :
MSVOA_V
ClientSampleId :
VSTD005398

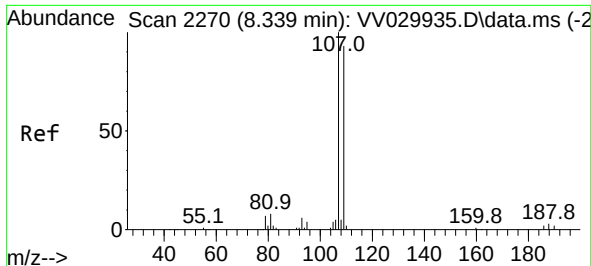
Tgt Ion: 43 Resp: 303056
Ion Ratio Lower Upper
43 100
58 60.8 51.4 77.2
57 19.7 17.0 25.6
100 13.3 12.5 18.7



#49
Dibromochloromethane
Concen: 4.728 ug/L
RT: 8.233 min Scan# 2237
Delta R.T. -0.000 min
Lab File: VV030004.D
Acq: 31 Jan 2023 10:12

Tgt Ion: 129 Resp: 69072
Ion Ratio Lower Upper
129 100
127 75.4 54.1 100.5

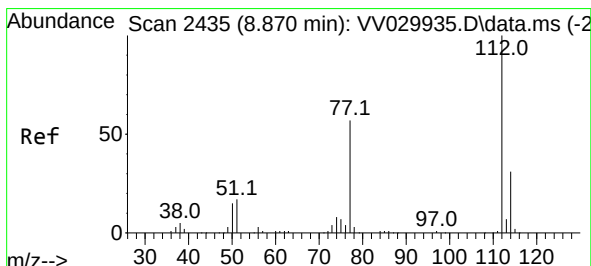
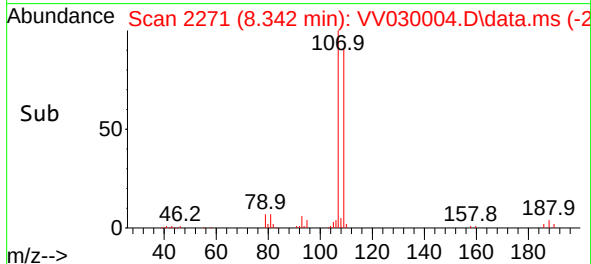
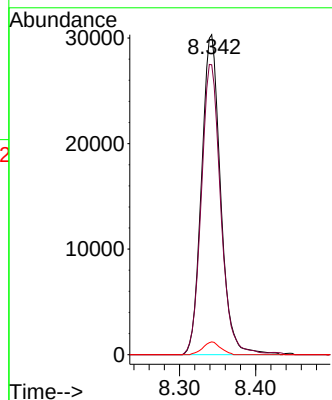
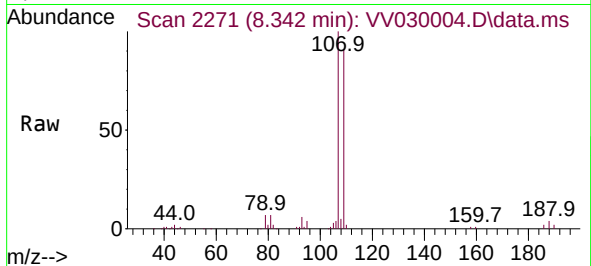




#50
1,2-Dibromoethane
Concen: 4.880 ug/L
RT: 8.342 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV030004.D
Acq: 31 Jan 2023 10:12

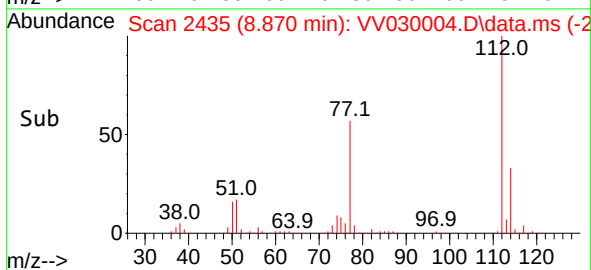
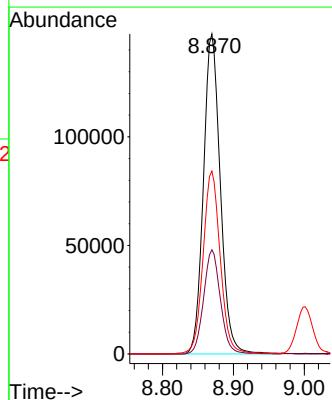
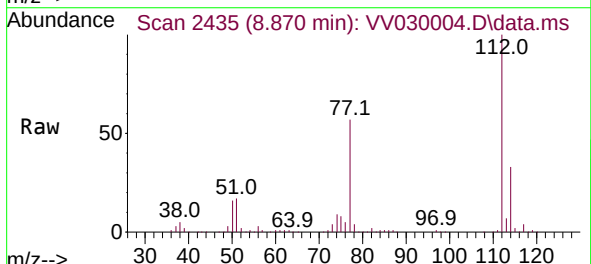
Instrument :
MSVOA_V
ClientSampleId :
VSTD005398

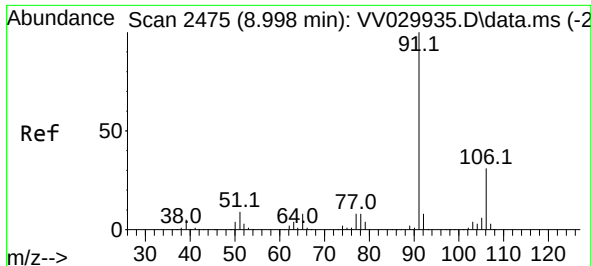
Tgt Ion:107 Resp: 52732
Ion Ratio Lower Upper
107 100
109 90.6 66.1 122.7
188 4.0 2.9 4.3



#51
Chlorobenzene
Concen: 4.830 ug/L
RT: 8.870 min Scan# 2435
Delta R.T. -0.000 min
Lab File: VV030004.D
Acq: 31 Jan 2023 10:12

Tgt Ion:112 Resp: 244038
Ion Ratio Lower Upper
112 100
114 32.6 22.5 41.9
77 57.2 46.1 69.1





#52

Ethylbenzene

Concen: 4.845 ug/L

RT: 9.001 min Scan# 2475

Delta R.T. 0.003 min

Lab File: VV030004.D

Acq: 31 Jan 2023 10:12

Instrument :

MSVOA_V

ClientSampleId :

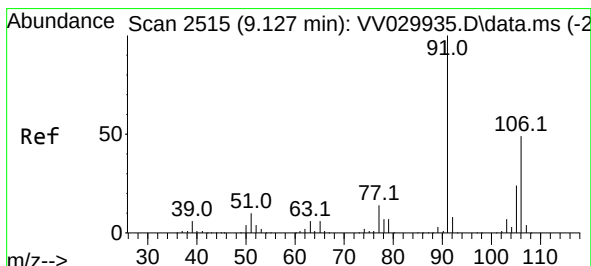
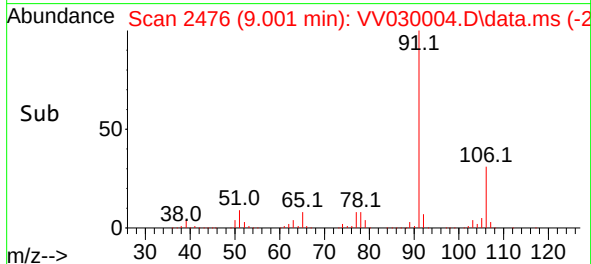
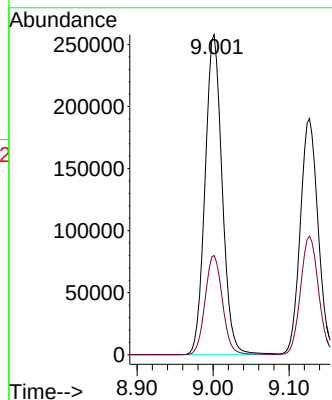
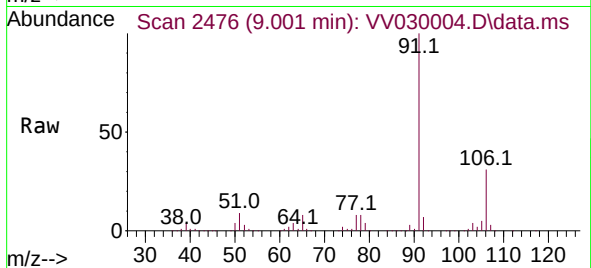
VSTD005398

Tgt Ion: 91 Resp: 403495

Ion Ratio Lower Upper

91 100

106 31.0 21.9 40.7



#53

m,p-Xylene

Concen: 4.759 ug/L

RT: 9.127 min Scan# 2515

Delta R.T. -0.000 min

Lab File: VV030004.D

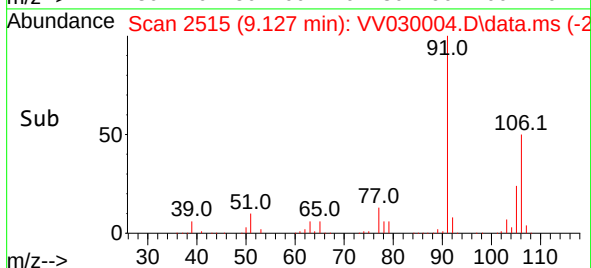
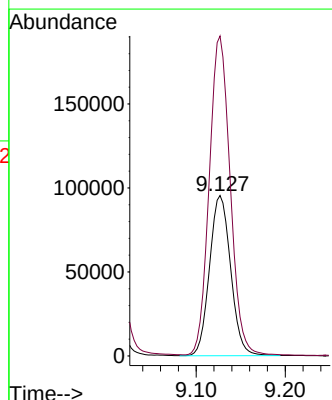
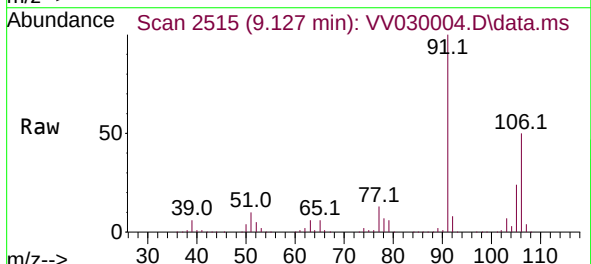
Acq: 31 Jan 2023 10:12

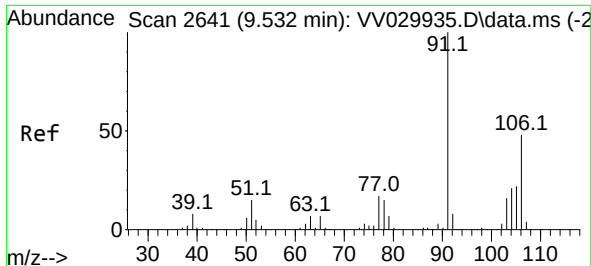
Tgt Ion: 106 Resp: 156870

Ion Ratio Lower Upper

106 100

91 199.4 138.7 257.7

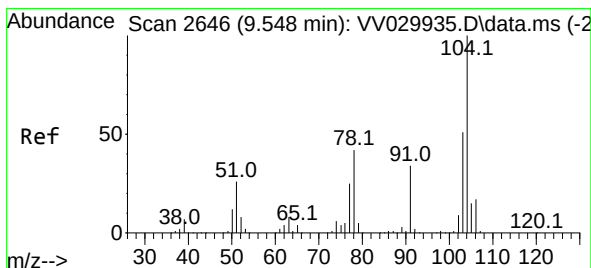
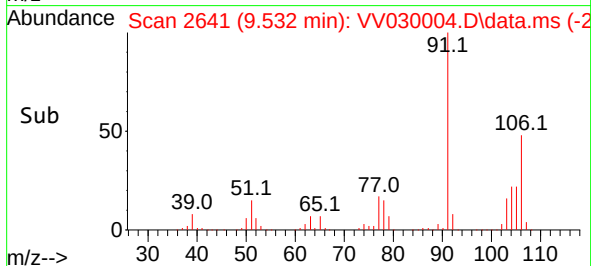
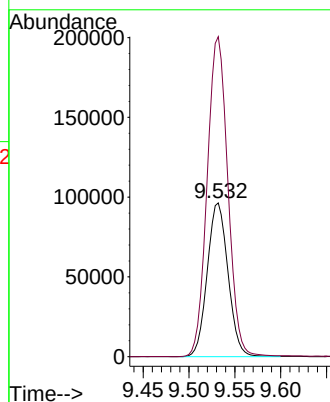
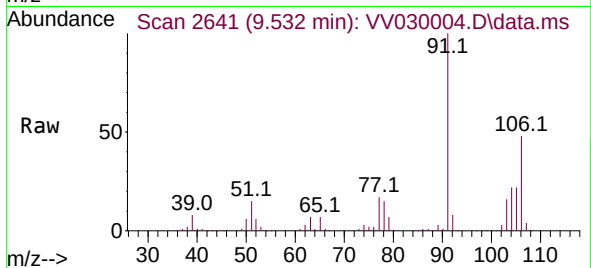




#54
o-Xylene
Concen: 4.857 ug/L
RT: 9.532 min Scan# 2641
Delta R.T. -0.000 min
Lab File: VV030004.D
Acq: 31 Jan 2023 10:12

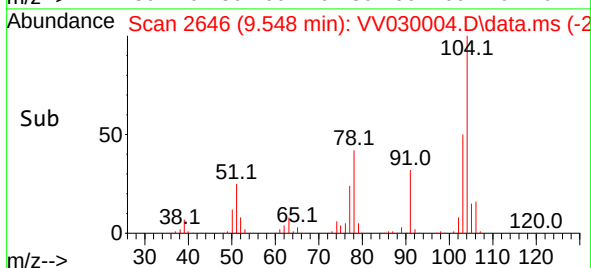
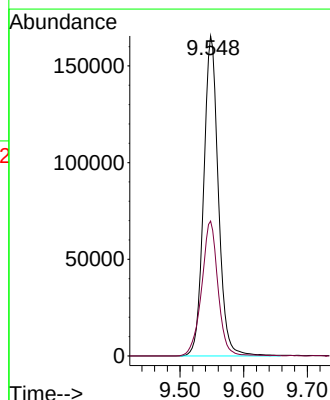
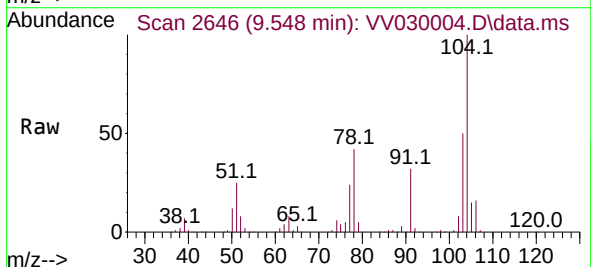
Instrument :
MSVOA_V
ClientSampleId :
VSTD005398

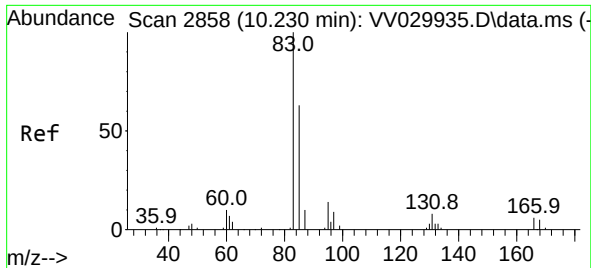
Tgt Ion:106 Resp: 151947
Ion Ratio Lower Upper
106 100
91 208.2 147.7 274.3



#55
Styrene
Concen: 4.930 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV030004.D
Acq: 31 Jan 2023 10:12

Tgt Ion:104 Resp: 265265
Ion Ratio Lower Upper
104 100
78 42.1 28.6 53.2

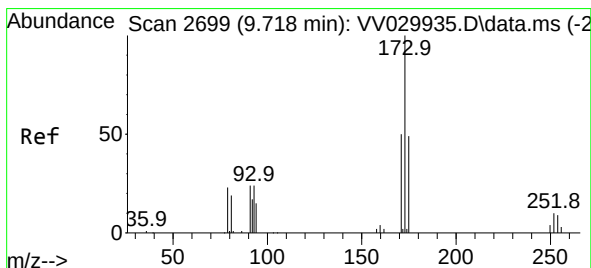
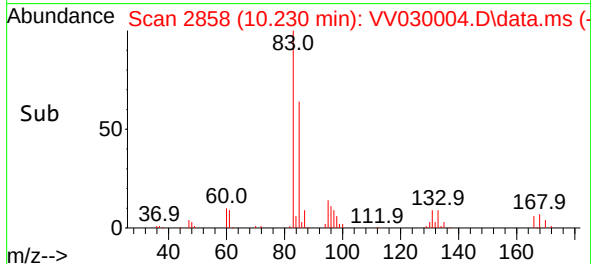
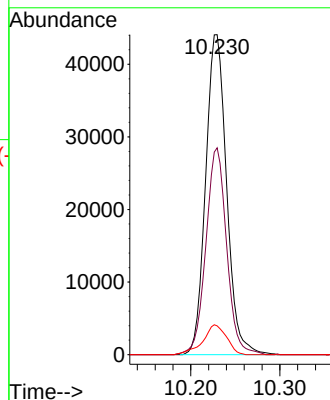
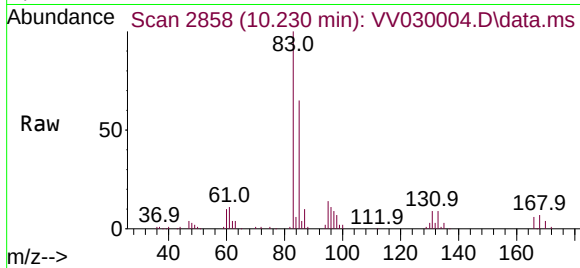




#57
1,1,2,2-Tetrachloroethane
Concen: 5.205 ug/L
RT: 10.230 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV030004.D
Acq: 31 Jan 2023 10:12

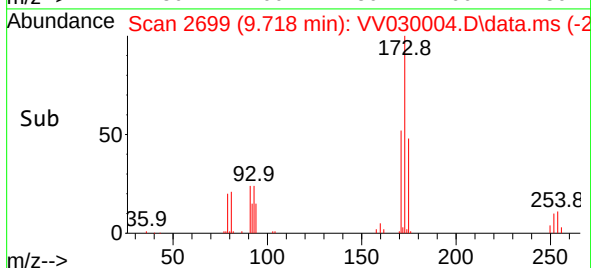
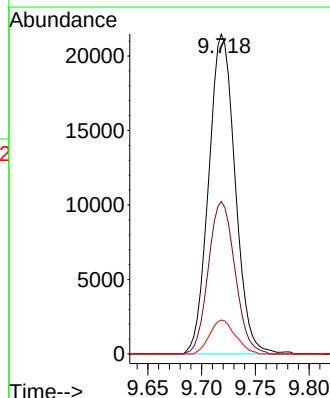
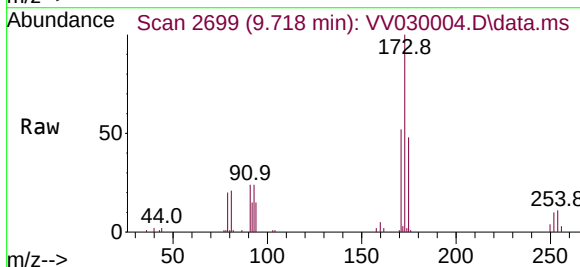
Instrument :
MSVOA_V
ClientSampleId :
VSTD005398

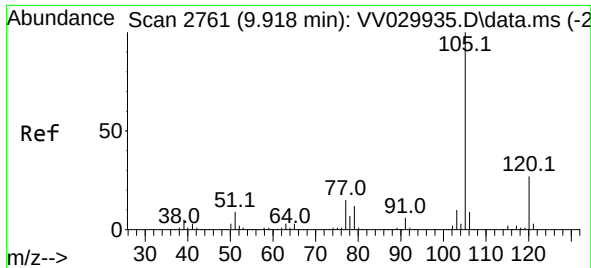
Tgt Ion:	83	Resp:	71975
Ion	Ratio	Lower	Upper
83	100		
85	64.7	46.0	85.4
131	9.0	8.4	12.6



#59
Bromoform
Concen: 4.613 ug/L
RT: 9.718 min Scan# 2699
Delta R.T. -0.000 min
Lab File: VV030004.D
Acq: 31 Jan 2023 10:12

Tgt Ion:	173	Resp:	36697
Ion	Ratio	Lower	Upper
173	100		
175	48.1	38.6	57.8
254	10.3	7.9	11.9

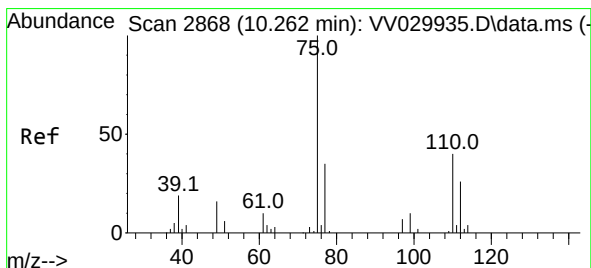
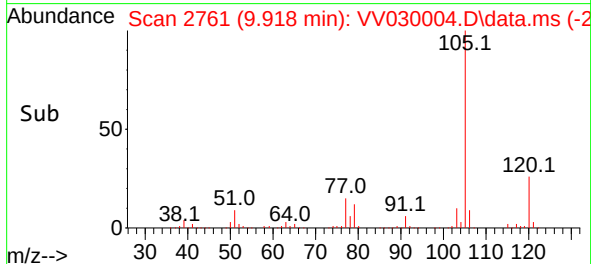
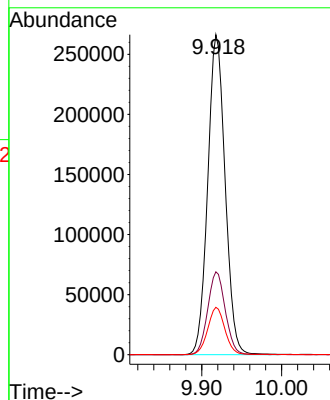
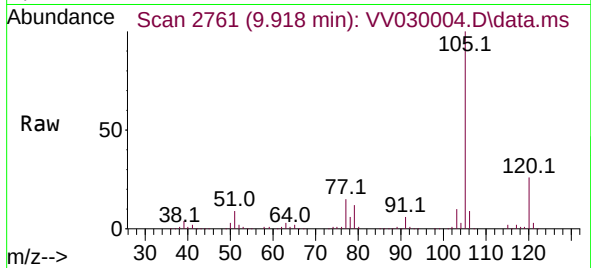




#60
Isopropylbenzene
Concen: 5.125 ug/L
RT: 9.918 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030004.D
Acq: 31 Jan 2023 10:12

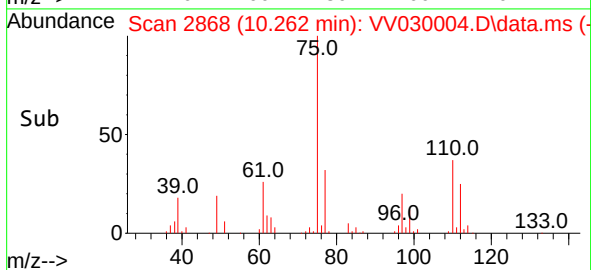
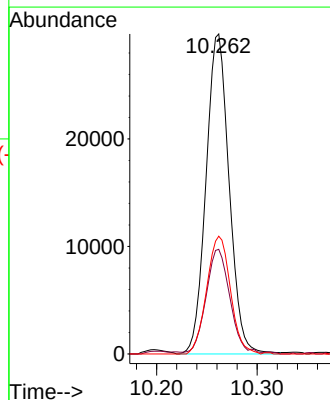
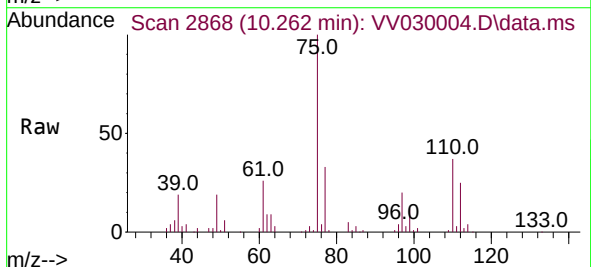
Instrument :
MSVOA_V
ClientSampleId :
VSTD005398

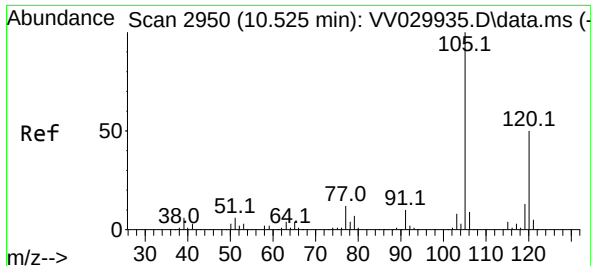
Tgt Ion:105 Resp: 402309
Ion Ratio Lower Upper
105 100
120 26.2 21.2 31.8
77 14.8 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.228 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. 0.003 min
Lab File: VV030004.D
Acq: 31 Jan 2023 10:12

Tgt Ion: 75 Resp: 47540
Ion Ratio Lower Upper
75 100
77 32.4 26.5 39.7
110 37.7 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 4.819 ug/L

RT: 10.525 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VV030004.D

Acq: 31 Jan 2023 10:12

Instrument :

MSVOA_V

ClientSampleId :

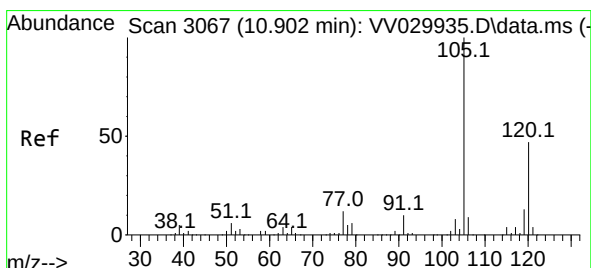
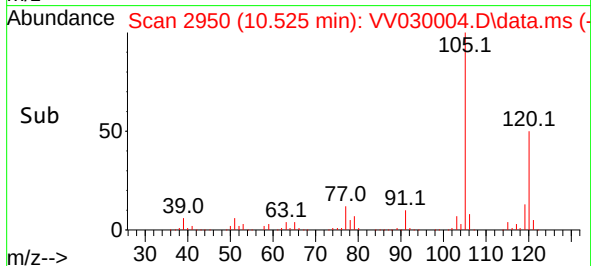
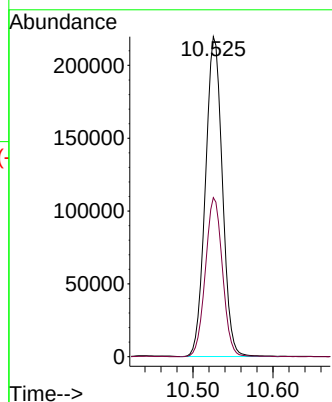
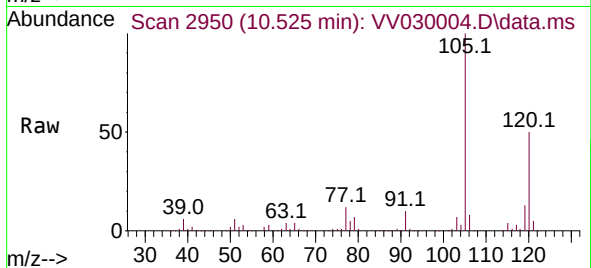
VSTD005398

Tgt Ion:105 Resp: 324186

Ion Ratio Lower Upper

105 100

120 50.1 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 4.898 ug/L

RT: 10.902 min Scan# 3067

Delta R.T. -0.000 min

Lab File: VV030004.D

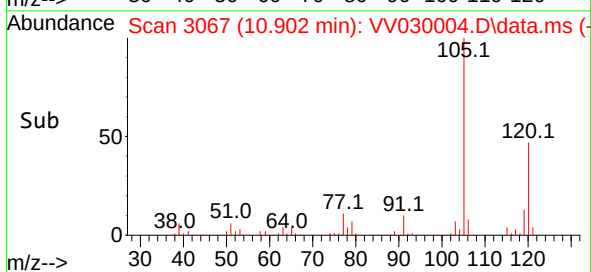
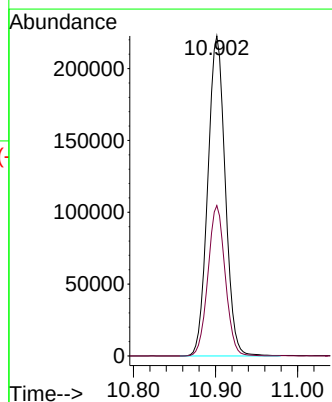
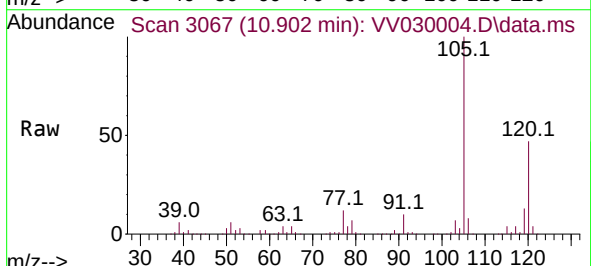
Acq: 31 Jan 2023 10:12

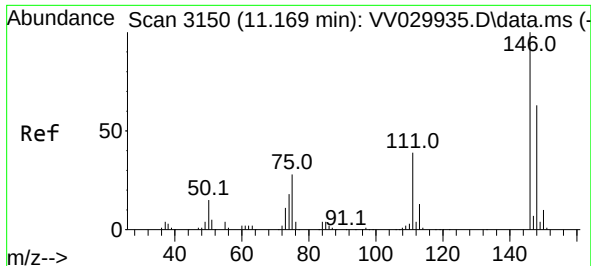
Tgt Ion:105 Resp: 328588

Ion Ratio Lower Upper

105 100

120 46.5 37.4 56.0

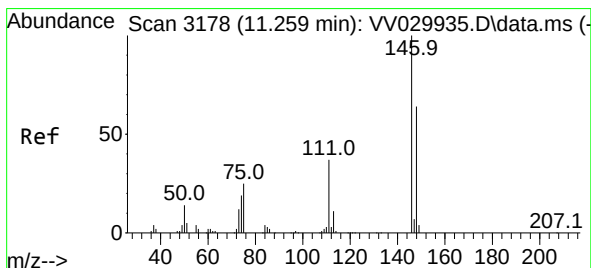
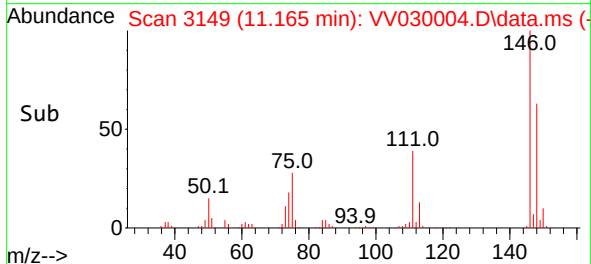
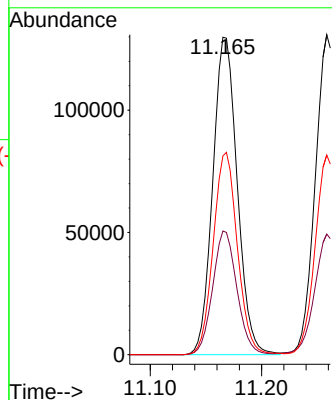
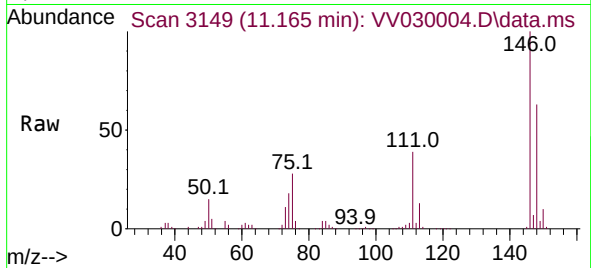




#64
1,3-Dichlorobenzene
Concen: 4.974 ug/L
RT: 11.165 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VV030004.D
Acq: 31 Jan 2023 10:12

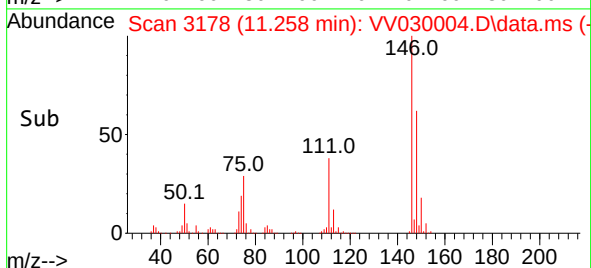
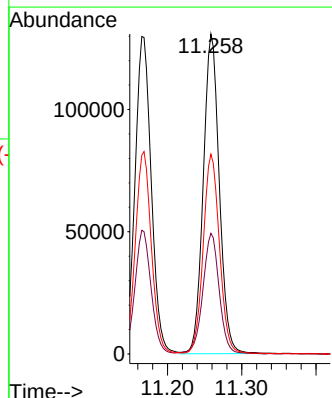
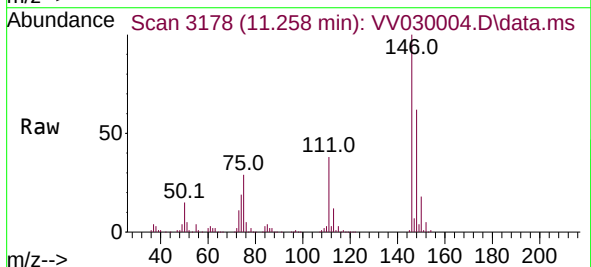
Instrument :
MSVOA_V
ClientSampleId :
VSTD005398

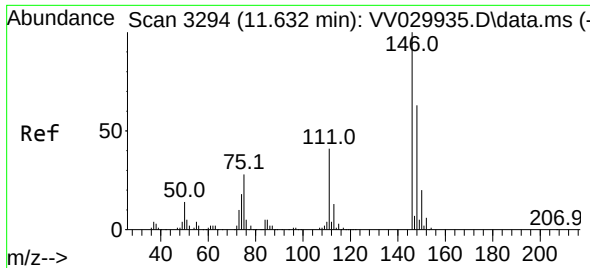
Tgt Ion:146 Resp: 198281
Ion Ratio Lower Upper
146 100
111 39.0 27.2 50.6
148 62.6 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 4.935 ug/L
RT: 11.258 min Scan# 3178
Delta R.T. -0.000 min
Lab File: VV030004.D
Acq: 31 Jan 2023 10:12

Tgt Ion:146 Resp: 196096
Ion Ratio Lower Upper
146 100
111 37.7 26.5 49.1
148 62.4 45.8 85.2

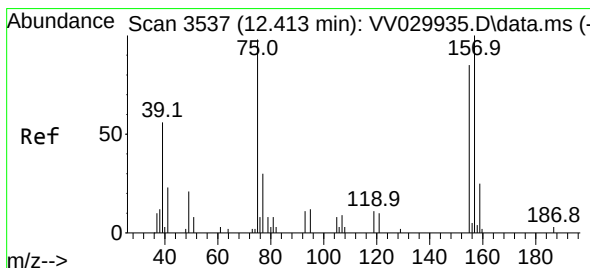
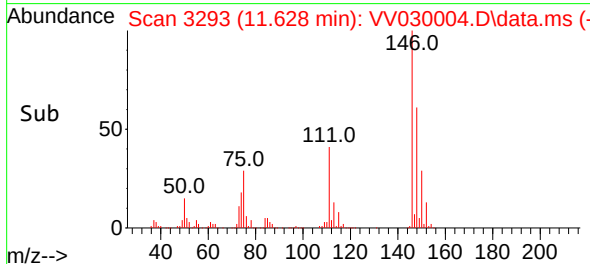
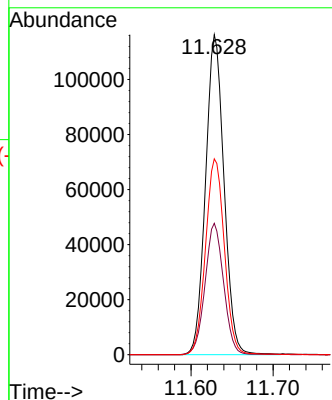
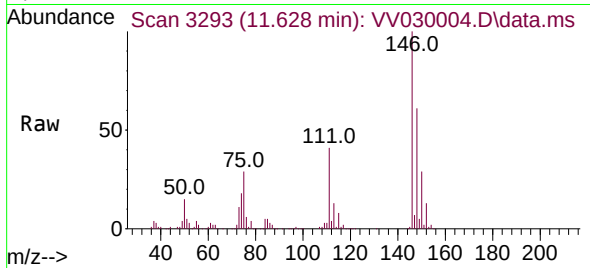




#67
1,2-Dichlorobenzene
Concen: 5.071 ug/L
RT: 11.628 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV030004.D
Acq: 31 Jan 2023 10:12

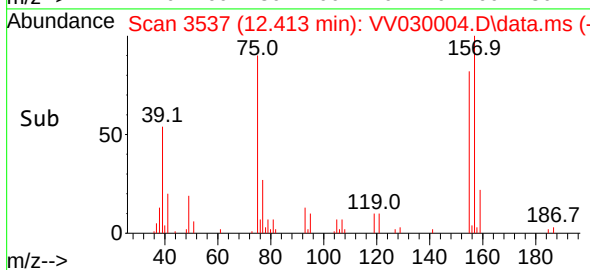
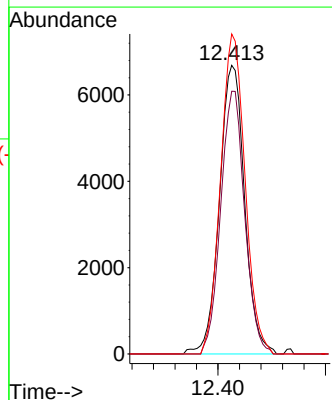
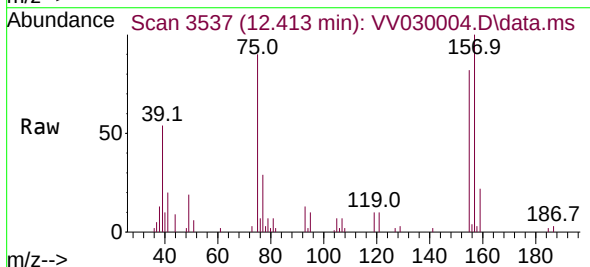
Instrument :
MSVOA_V
ClientSampleId :
VSTD005398

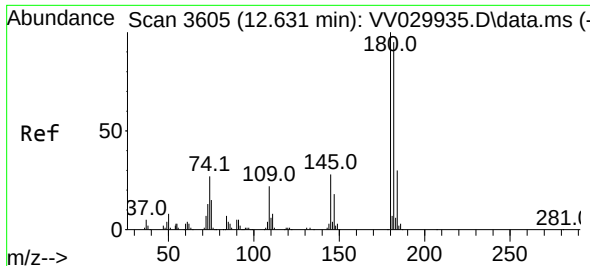
Tgt Ion:146 Resp: 181722
Ion Ratio Lower Upper
146 100
111 41.1 31.8 47.8
148 61.2 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 5.054 ug/L
RT: 12.413 min Scan# 3537
Delta R.T. -0.000 min
Lab File: VV030004.D
Acq: 31 Jan 2023 10:12

Tgt Ion: 75 Resp: 10869
Ion Ratio Lower Upper
75 100
155 91.0 75.5 113.3
157 110.8 99.2 148.8

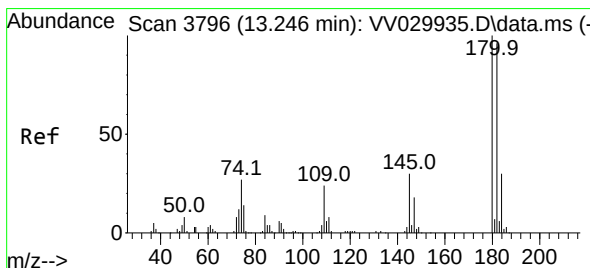
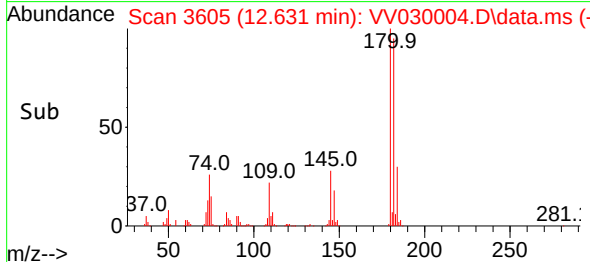
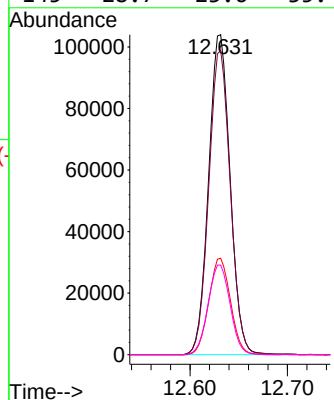
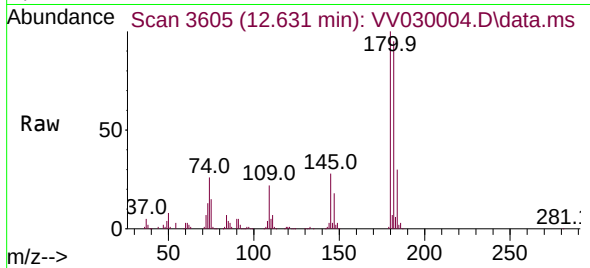




#69
 1,3,5-Trichlorobenzene
 Concen: 4.969 ug/L
 RT: 12.631 min Scan# 3605
 Delta R.T. -0.000 min
 Lab File: VV030004.D
 Acq: 31 Jan 2023 10:12

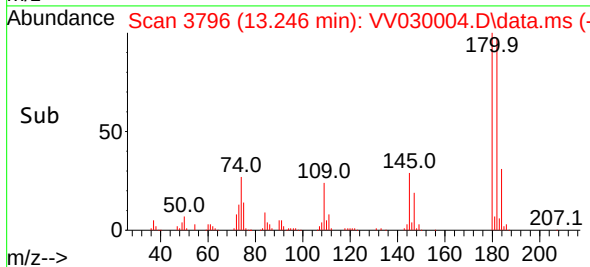
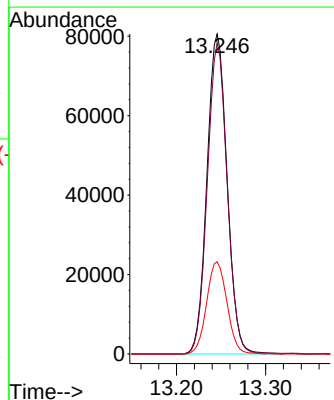
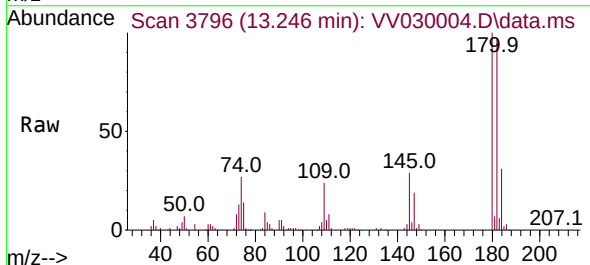
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005398

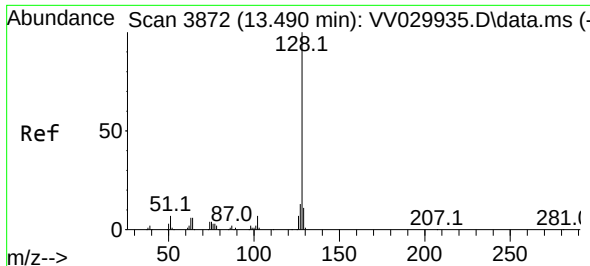
Tgt Ion:180	Resp:	159443
Ion Ratio	Lower	Upper
180	100	
182	95.0	75.4 113.2
184	30.4	23.9 35.9
145	28.7	23.6 35.4



#70
 1,2,4-trichlorobenzene
 Concen: 5.049 ug/L
 RT: 13.246 min Scan# 3796
 Delta R.T. -0.000 min
 Lab File: VV030004.D
 Acq: 31 Jan 2023 10:12

Tgt Ion:180	Resp:	126604
Ion Ratio	Lower	Upper
180	100	
182	95.6	75.8 113.8
145	29.1	23.7 35.5

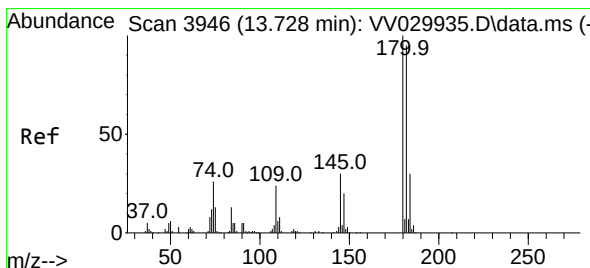
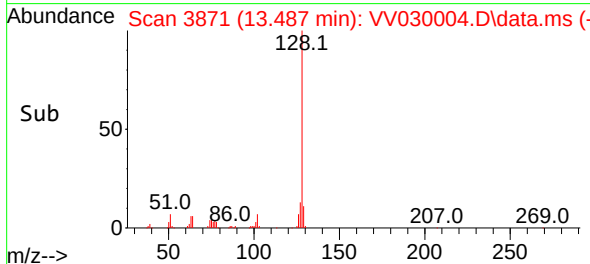
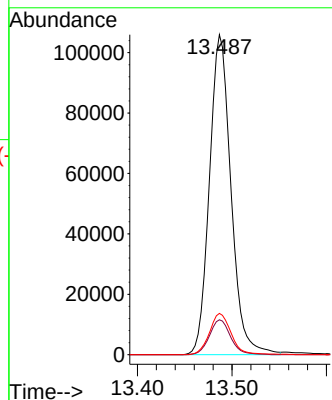
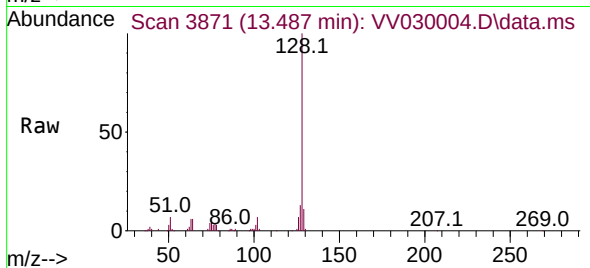




#71
Naphthalene
Concen: 5.173 ug/L
RT: 13.487 min Scan# 3871
Delta R.T. -0.000 min
Lab File: VV030004.D
Acq: 31 Jan 2023 10:12

Instrument :
MSVOA_V
ClientSampleId :
VSTD005398

Tgt Ion:128 Resp: 168036
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.1 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.219 ug/L
RT: 13.728 min Scan# 3946
Delta R.T. -0.000 min
Lab File: VV030004.D
Acq: 31 Jan 2023 10:12

Tgt Ion:180 Resp: 108605
Ion Ratio Lower Upper
180 100
182 95.4 75.5 113.3
145 29.7 25.0 37.6

