

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012623\
 Data File : VW029958.D
 Acq On : 26 Jan 2023 10:03
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005394

Quant Time: Jan 27 01:25:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 25 22:12:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	252656	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	243765	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	135451	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	109358	5.707	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.200%
7) Chloroethane-d5	1.564	69	99160	6.242	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	124.800%
11) 1,1-Dichloroethene-d2	2.104	63	195686	5.601	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.000%
20) 2-Butanone-d5	3.883	46	176016	51.821	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.640%
24) Chloroform-d	4.336	84	185002	5.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	5.021	65	77985	5.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.040	84	382427	5.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
36) 1,2-Dichloropropane-d6	6.059	67	115573	5.461	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.200%
41) Toluene-d8	7.304	98	342842	5.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
43) trans-1,3-Dichloroprop...	7.612	79	35439	4.585	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.082	63	154560	49.121	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.240%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	79644	5.136	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	11.612	152	119766	4.863	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	104525	4.445	ug/L	98
3) Chloromethane	1.240	50	117831	4.761	ug/L	99
5) Vinyl chloride	1.310	62	129593	5.340	ug/L	98
6) Bromomethane	1.519	94	52829	4.472	ug/L	98
8) Chloroethane	1.580	64	85407	5.800	ug/L	100
9) Trichlorofluoromethane	1.751	101	152073	4.784	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	96136	5.134	ug/L	95
12) 1,1-Dichloroethene	2.114	96	92995	4.310	ug/L	82
13) Acetone	2.175	43	146939	60.611	ug/L	97
14) Carbon disulfide	2.288	76	266407	4.289	ug/L	99
15) Methyl Acetate	2.432	43	30126	4.772	ug/L	94
16) Methylene chloride	2.500	84	104390	3.895	ug/L	88
17) Methyl tert-butyl Ether	2.764	73	174716	4.684	ug/L	96
18) trans-1,2-Dichloroethene	2.754	96	93650	4.670	ug/L	92
19) 1,1-Dichloroethane	3.178	63	180824	5.390	ug/L	98
21) 2-Butanone	3.966	43	191207	55.055	ug/L	99
22) cis-1,2-Dichloroethene	3.899	96	98542	4.611	ug/L	92
23) Bromochloromethane	4.236	128	43411	4.919	ug/L	# 82
25) Chloroform	4.362	83	178014	4.881	ug/L	99

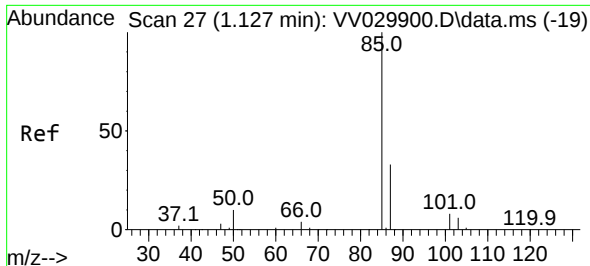
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012623\
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Quant Time: Jan 27 01:25:03 2023
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	91629	5.171	ug/L	100
29) 1,1,1-Trichloroethane	4.596	97	149112	4.711	ug/L	97
30) Cyclohexane	4.667	56	140553	4.690	ug/L	96
31) Carbon tetrachloride	4.815	117	124471	4.519	ug/L	99
33) Benzene	5.088	78	403355	5.005	ug/L	100
34) Trichloroethene	5.905	95	96605	4.730	ug/L	99
35) Methylcyclohexane	6.120	83	155734	4.516	ug/L	95
37) 1,2-Dichloropropane	6.162	63	104462	5.535	ug/L	99
38) Bromodichloromethane	6.500	83	118640	4.860	ug/L	97
39) cis-1,3-Dichloropropene	7.017	75	118927	4.699	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	448766	55.716	ug/L	94
42) Toluene	7.378	91	420091	4.833	ug/L	98
44) trans-1,3-Dichloropropene	7.641	75	96138	4.713	ug/L	99
45) 1,1,2-Trichloroethane	7.828	97	66401	4.883	ug/L	96
47) Tetrachloroethene	7.963	164	79337	4.614	ug/L	98
48) 2-Hexanone	8.133	43	339762	59.016	ug/L	95
49) Dibromochloromethane	8.233	129	75379	4.723	ug/L	100
50) 1,2-Dibromoethane	8.339	107	58066	4.919	ug/L	96
51) Chlorobenzene	8.869	112	266884	4.835	ug/L	99
52) Ethylbenzene	9.001	91	425082	4.673	ug/L	99
53) m,p-Xylene	9.127	106	166161	4.614	ug/L	98
54) o-Xylene	9.532	106	160284	4.690	ug/L	99
55) Styrene	9.548	104	292327	4.974	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	78131	5.172	ug/L	97
59) Bromoform	9.718	173	37922	4.322	ug/L	98
60) Isopropylbenzene	9.921	105	415237	4.796	ug/L	99
61) 1,2,3-Trichloropropane	10.262	75	52159	5.201	ug/L	97
62) 1,3,5-Trimethylbenzene	10.529	105	336157	4.531	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	347790	4.701	ug/L	99
64) 1,3-Dichlorobenzene	11.168	146	211651	4.814	ug/L	100
65) 1,4-Dichlorobenzene	11.258	146	214425	4.892	ug/L	98
67) 1,2-Dichlorobenzene	11.628	146	194942	4.932	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.413	75	10730	4.524	ug/L	87
69) 1,3,5-Trichlorobenzene	12.631	180	165897	4.688	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	126435	4.572	ug/L	99
71) Naphthalene	13.490	128	155226	4.333	ug/L	100
72) 1,2,3-Trichlorobenzene	13.728	180	106892	4.657	ug/L	100

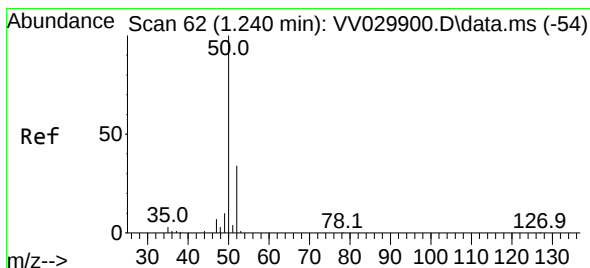
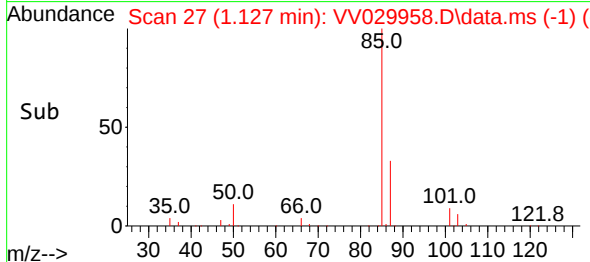
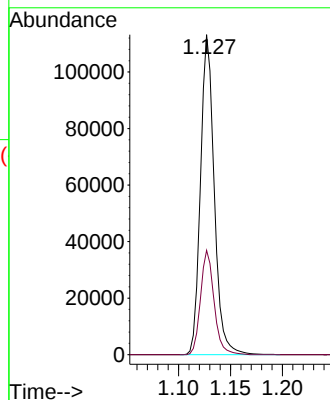
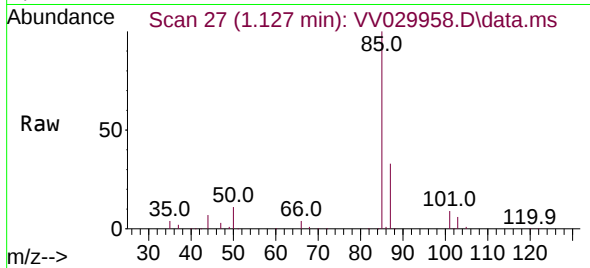
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#2
 Dichlorodifluoromethane
 Concen: 4.445 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029958.D
 Acq: 26 Jan 2023 10:03

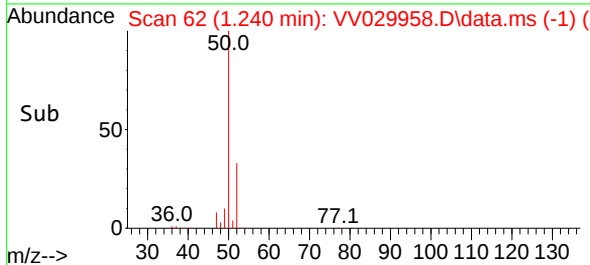
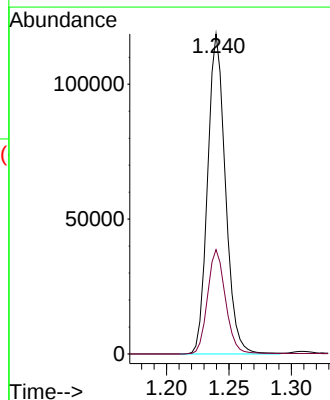
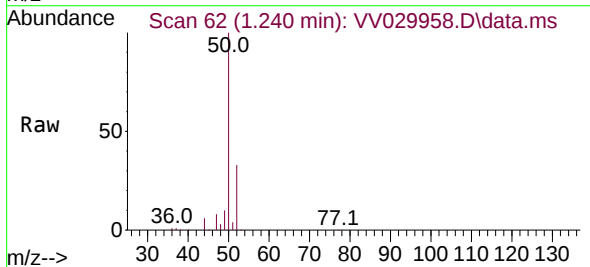
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 ClientSampleId :
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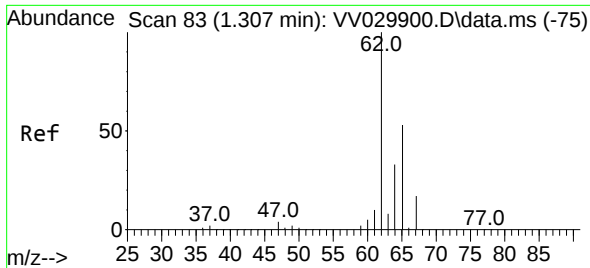
Tgt Ion: 85 Resp: 104525
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.5 39.7



#3
 Chloromethane
 Concen: 4.761 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029958.D
 Acq: 26 Jan 2023 10:03

Tgt Ion: 50 Resp: 117831
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.1 42.9

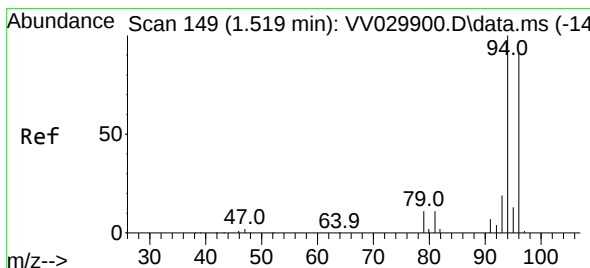
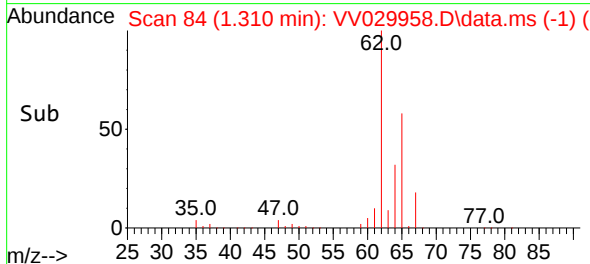
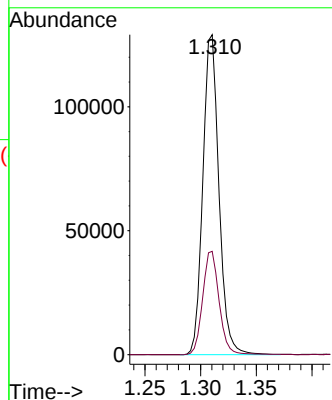
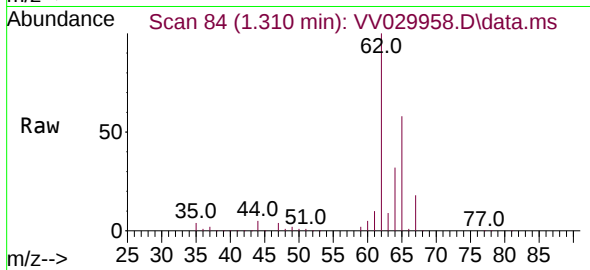




#5
 Vinyl chloride
 Concen: 5.340 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV029958.D
 Acq: 26 Jan 2023 10:03

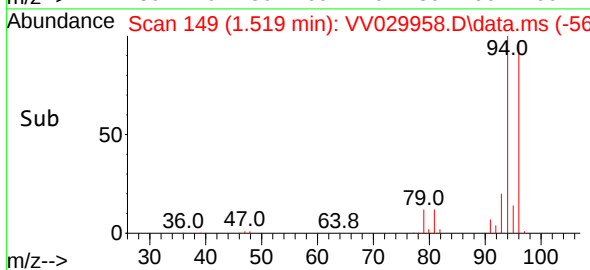
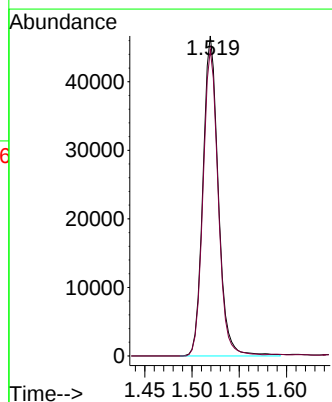
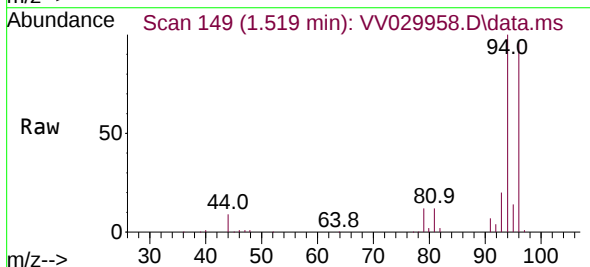
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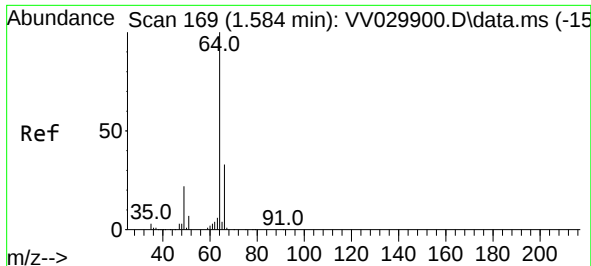
Tgt Ion: 62 Resp: 129593
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.2 43.2



#6
 Bromomethane
 Concen: 4.472 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV029958.D
 Acq: 26 Jan 2023 10:03

Tgt Ion: 94 Resp: 52829
 Ion Ratio Lower Upper
 94 100
 96 95.7 65.9 122.5

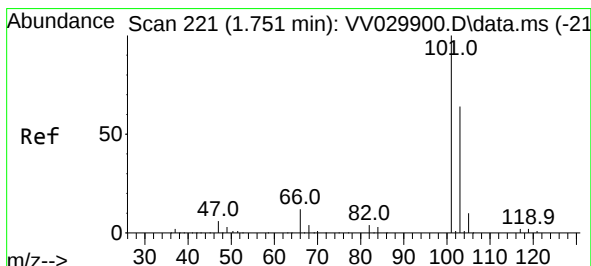
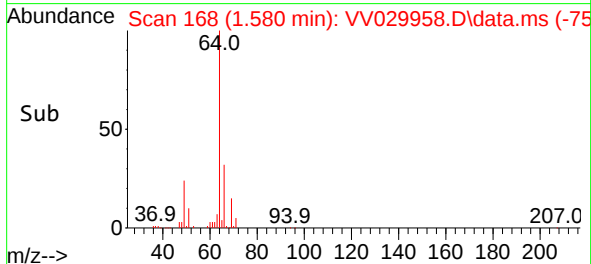
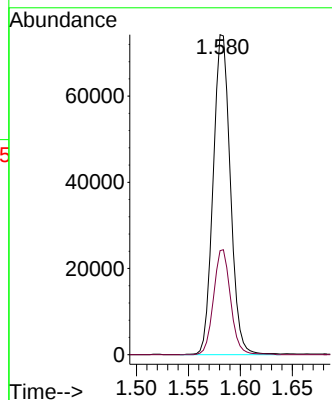
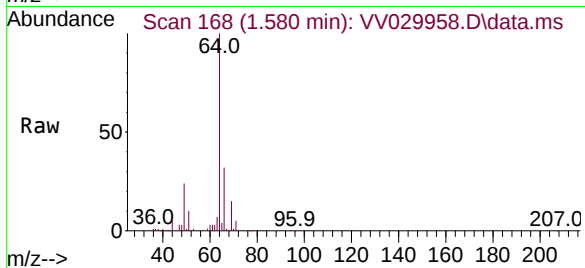




#8
Chloroethane
Concen: 5.800 ug/L
RT: 1.580 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV029958.D
Acq: 26 Jan 2023 10:03

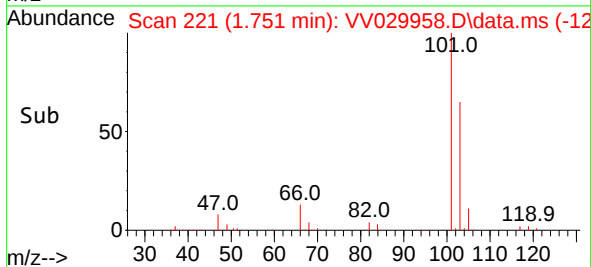
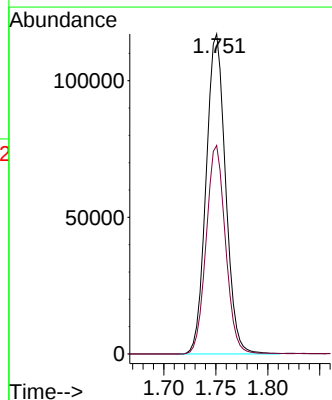
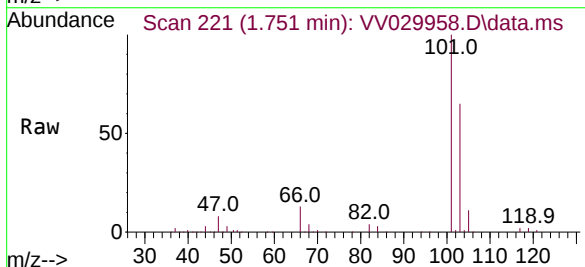
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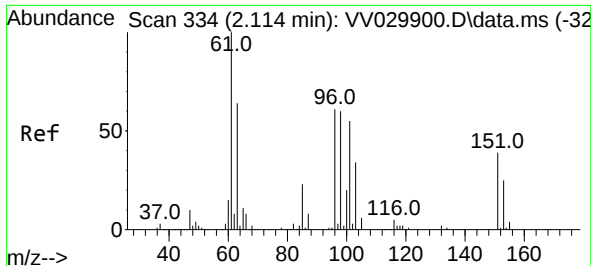
Tgt Ion: 64 Resp: 85407
Ion Ratio Lower Upper
64 100
66 32.5 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.784 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV029958.D
Acq: 26 Jan 2023 10:03

Tgt Ion:101 Resp: 152073
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8

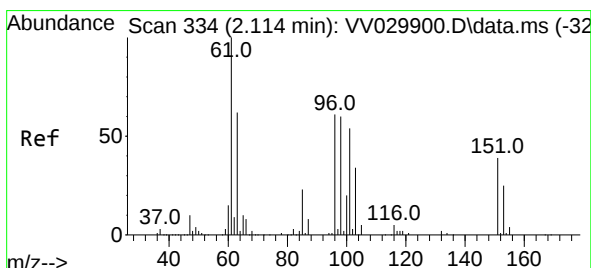
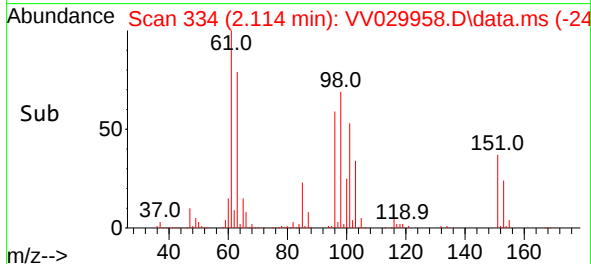
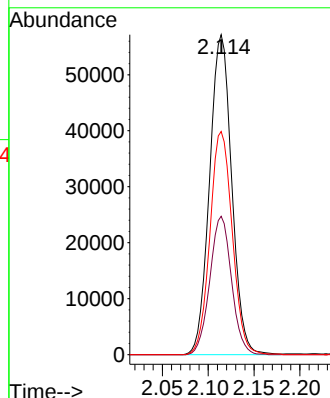
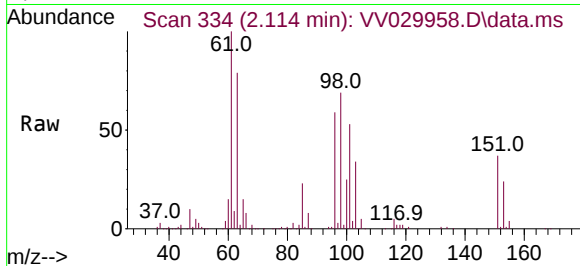




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.134 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV029958.D
 Acq: 26 Jan 2023 10:03

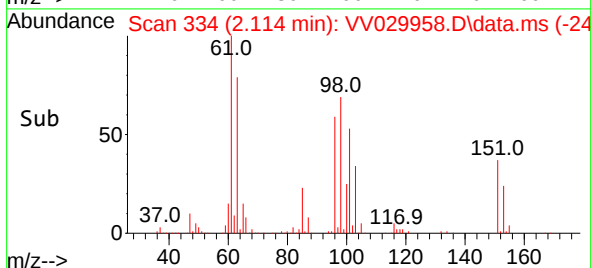
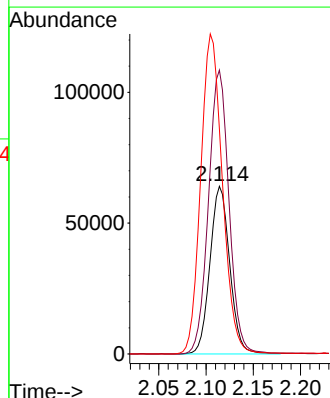
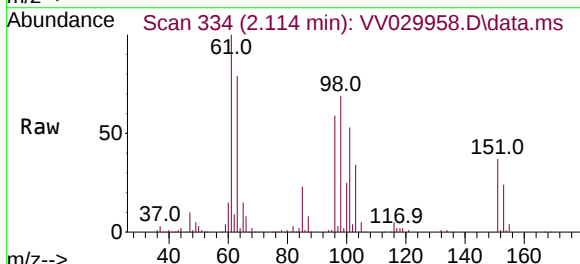
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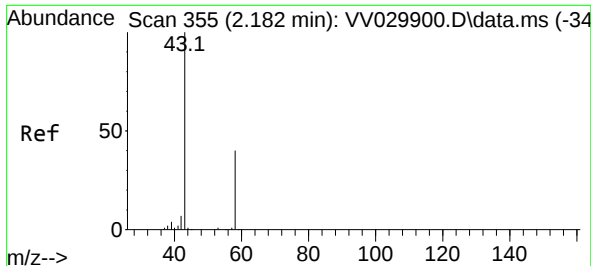
Tgt Ion:101 Resp: 96136
 Ion Ratio Lower Upper
 101 100
 85 42.3 32.9 49.3
 151 70.4 60.9 91.3



#12
 1,1-Dichloroethene
 Concen: 4.310 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV029958.D
 Acq: 26 Jan 2023 10:03

Tgt Ion: 96 Resp: 92995
 Ion Ratio Lower Upper
 96 100
 61 169.3 106.1 197.1
 63 134.2 76.4 141.8





#13

Acetone

Concen: 60.611 ug/L

RT: 2.175 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV029958.D

Acq: 26 Jan 2023 10:03

Instrument :

MSVOA_V

ClientSampleId :

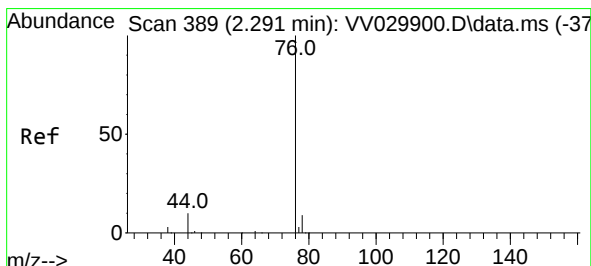
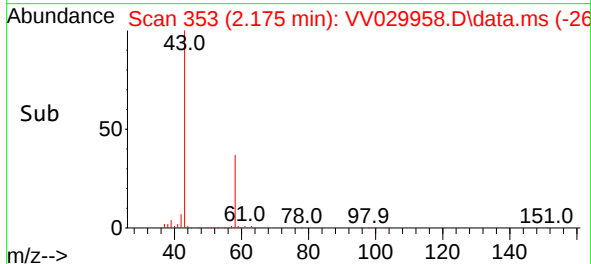
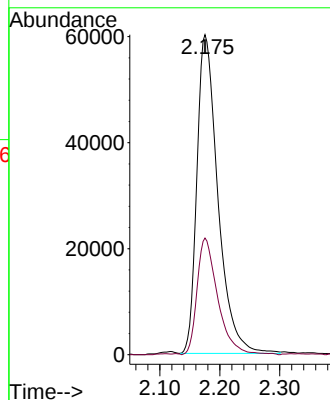
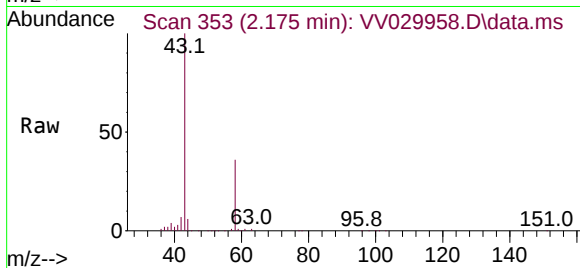
VSTD005394

Tgt Ion: 43 Resp: 146939

Ion Ratio Lower Upper

43 100

58 36.1 0.0 68.8



#14

Carbon disulfide

Concen: 4.289 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.000 min

Lab File: VV029958.D

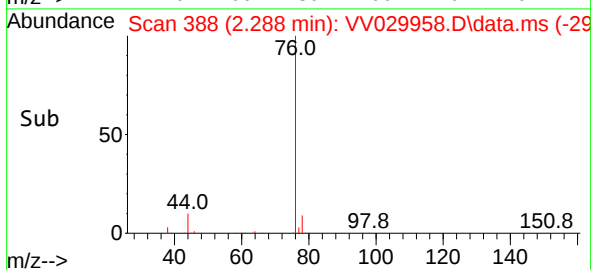
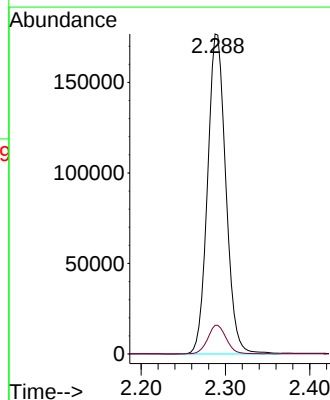
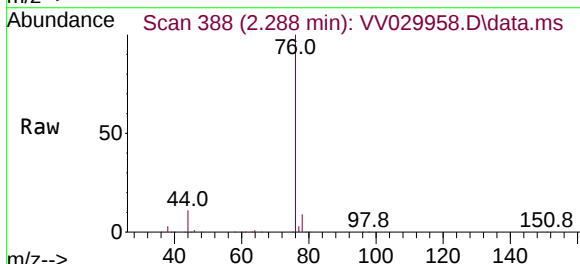
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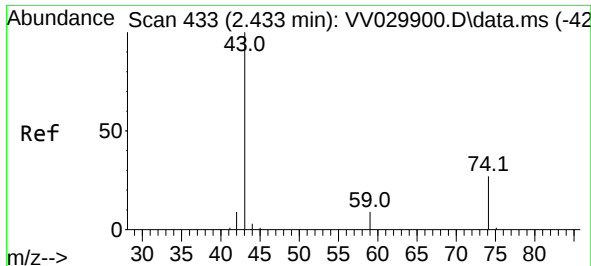
Tgt Ion: 76 Resp: 266407

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0





#15

Methyl Acetate

Concen: 4.772 ug/L

RT: 2.432 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV029958.D

Acq: 26 Jan 2023 10:03

Instrument :

MSVOA_V

ClientSampleId :

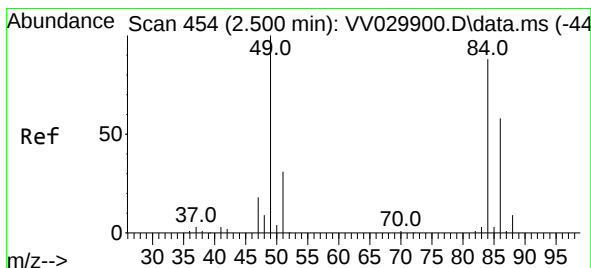
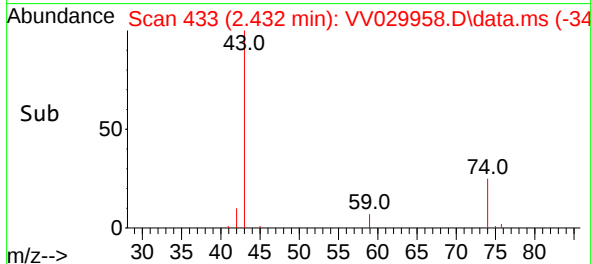
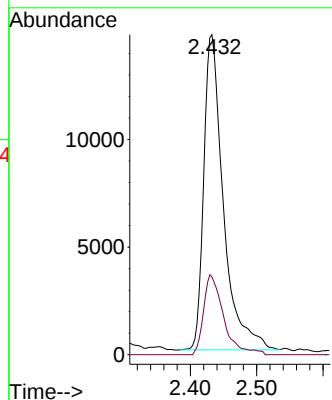
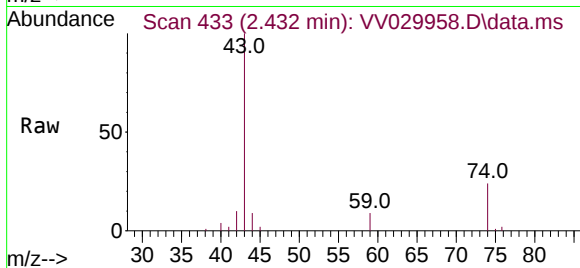
VSTD005394

Tgt Ion: 43 Resp: 30126

Ion Ratio Lower Upper

43 100

74 25.8 23.4 35.0



#16

Methylene chloride

Concen: 3.895 ug/L

RT: 2.500 min Scan# 454

Delta R.T. -0.000 min

Lab File: VV029958.D

Acq: 26 Jan 2023 10:03

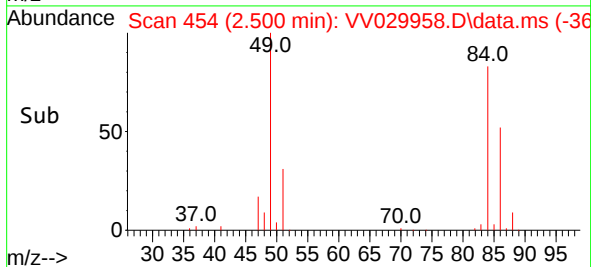
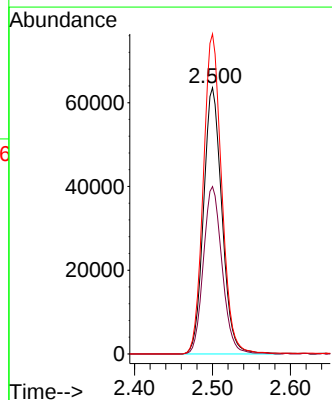
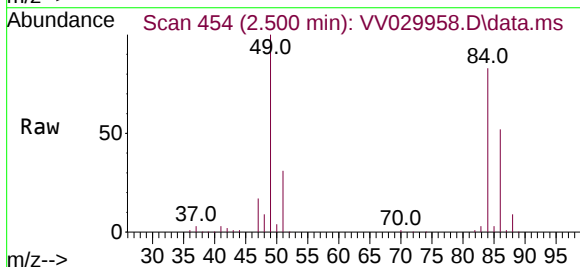
Tgt Ion: 84 Resp: 104390

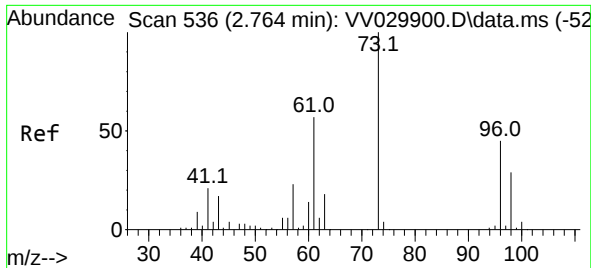
Ion Ratio Lower Upper

84 100

86 62.9 45.0 83.6

49 120.2 71.5 132.7

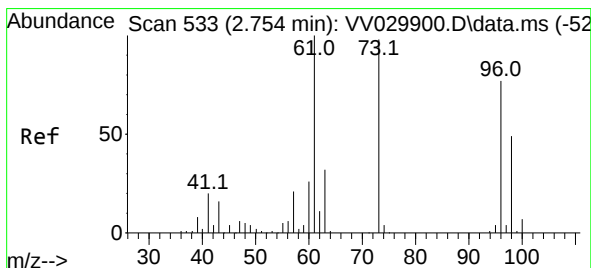
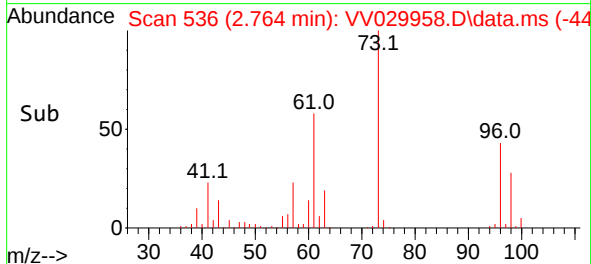
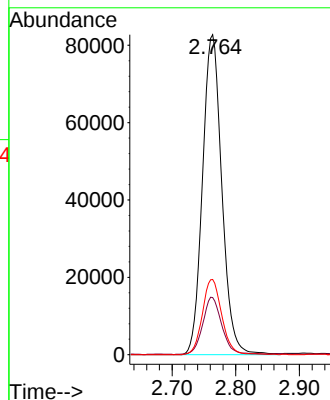
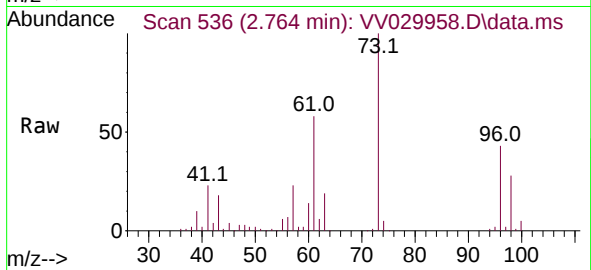




#17
Methyl tert-butyl Ether
Concen: 4.684 ug/L
RT: 2.764 min Scan# 511
Delta R.T. 0.003 min
Lab File: VV029958.D
Acq: 26 Jan 2023 10:03

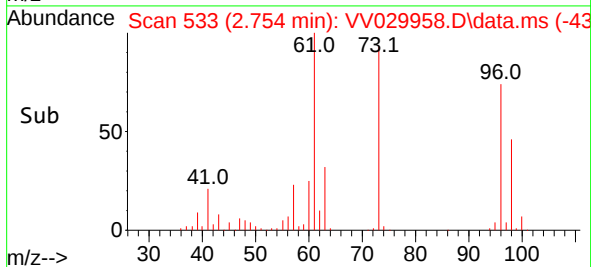
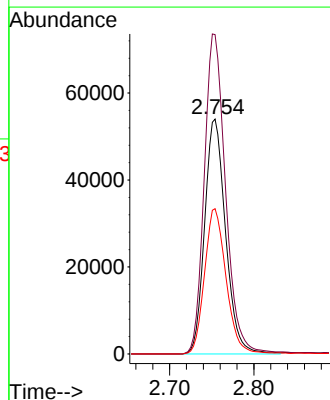
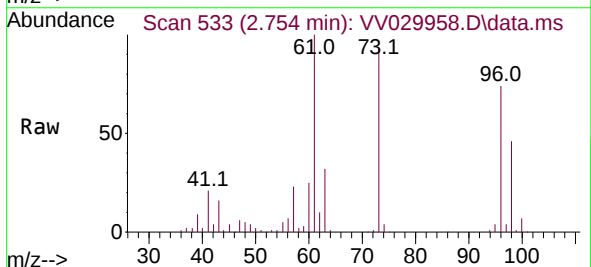
Instrument :
MSVOA_V
ClientSampleId :
VSTD005394

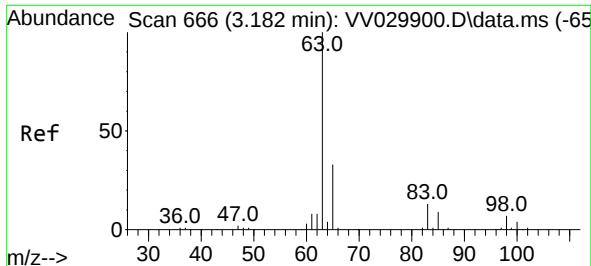
Tgt Ion: 73 Resp: 174716
Ion Ratio Lower Upper
73 100
43 17.8 13.0 19.4
57 23.7 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.670 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV029958.D
Acq: 26 Jan 2023 10:03

Tgt Ion: 96 Resp: 93650
Ion Ratio Lower Upper
96 100
61 135.9 86.1 159.9
98 61.9 43.9 81.5





#19

1,1-Dichloroethane

Concen: 5.390 ug/L

RT: 3.178 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV029958.D

Acq: 26 Jan 2023 10:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD005394

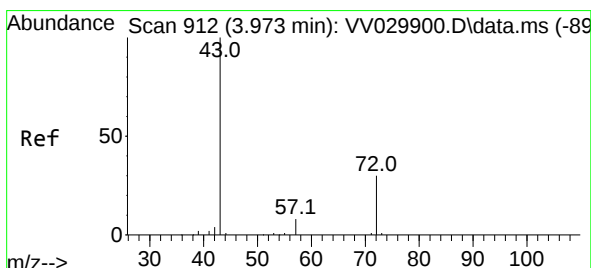
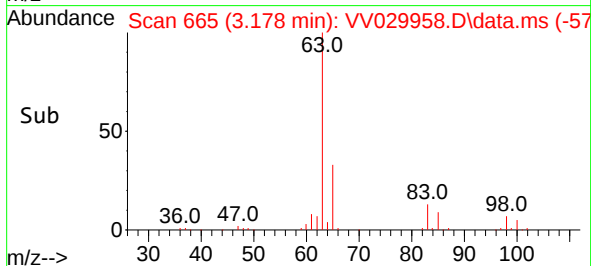
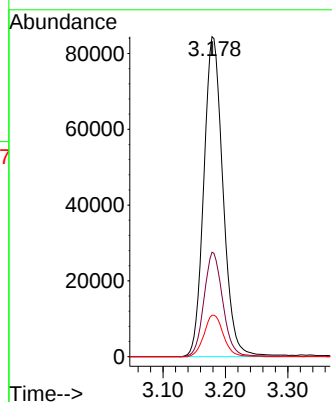
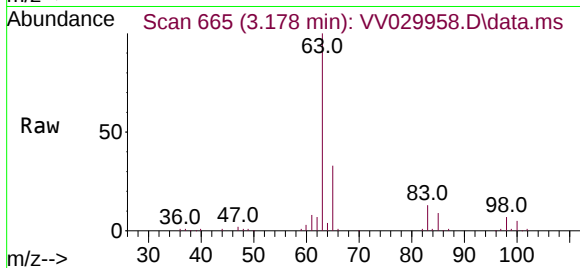
Tgt Ion: 63 Resp: 180824

Ion Ratio Lower Upper

63 100

65 32.7 22.4 41.6

83 13.0 10.2 19.0



#21

2-Butanone

Concen: 55.055 ug/L

RT: 3.966 min Scan# 910

Delta R.T. -0.003 min

Lab File: VV029958.D

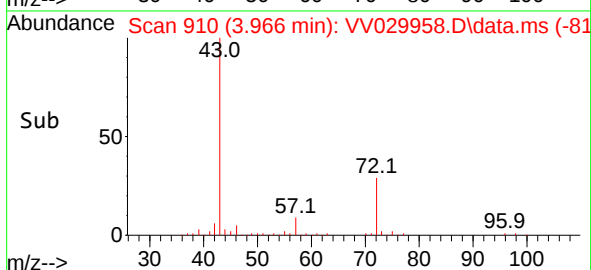
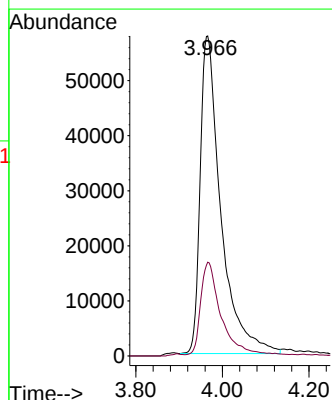
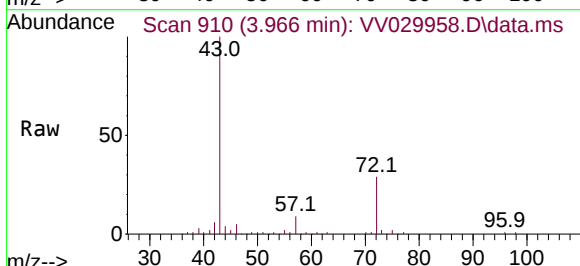
Acq: 26 Jan 2023 10:03

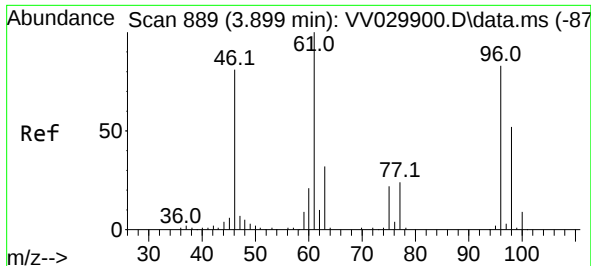
Tgt Ion: 43 Resp: 191207

Ion Ratio Lower Upper

43 100

72 28.4 13.9 41.6

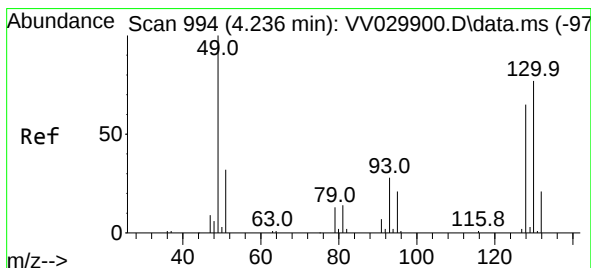
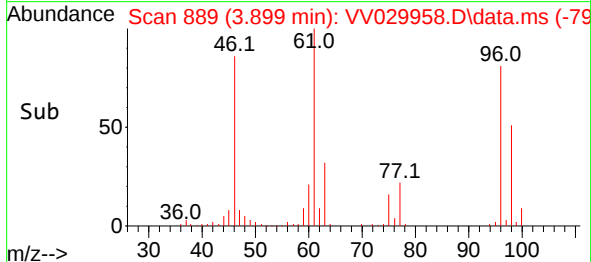
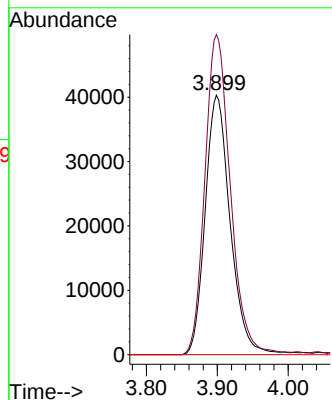
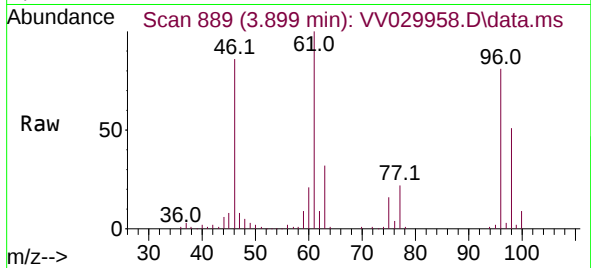




#22
 cis-1,2-Dichloroethene
 Concen: 4.611 ug/L
 RT: 3.899 min Scan# 889
 Delta R.T. 0.003 min
 Lab File: VV029958.D
 Acq: 26 Jan 2023 10:03

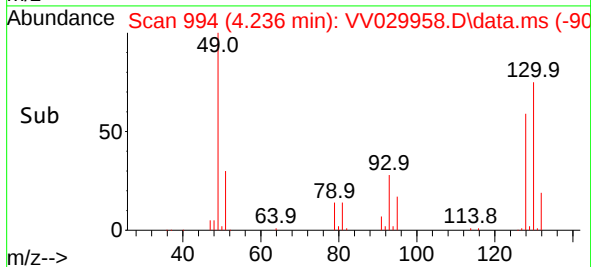
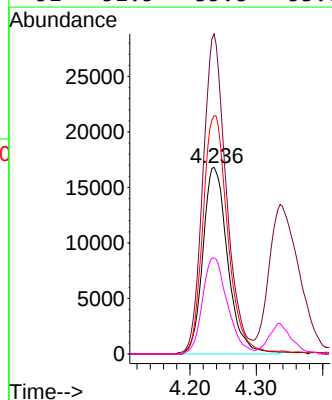
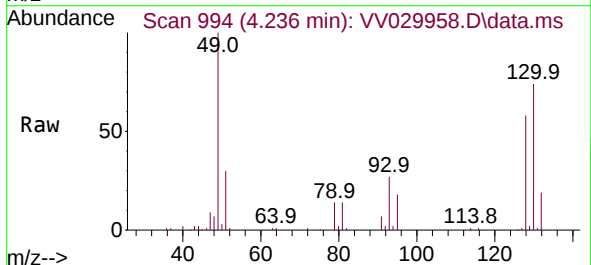
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005394

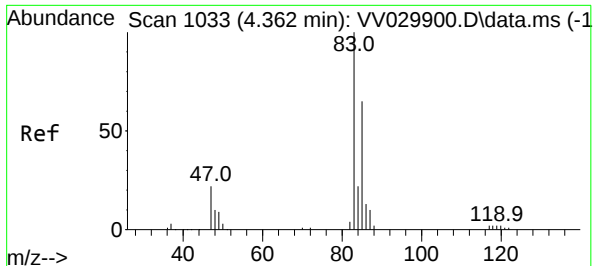
Tgt Ion: 96 Resp: 98542
 Ion Ratio Lower Upper
 96 100
 61 123.3 80.0 148.6
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.919 ug/L
 RT: 4.236 min Scan# 994
 Delta R.T. 0.003 min
 Lab File: VV029958.D
 Acq: 26 Jan 2023 10:03

Tgt Ion: 128 Resp: 43411
 Ion Ratio Lower Upper
 128 100
 49 171.6 91.2 169.4#
 130 127.7 87.0 161.6
 51 51.5 35.8 53.6

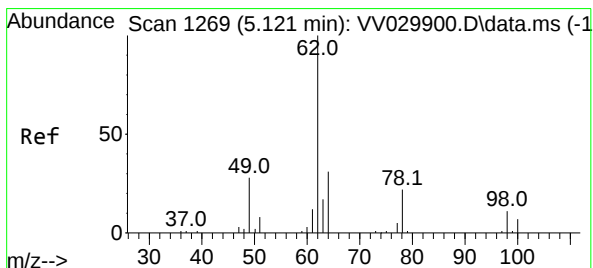
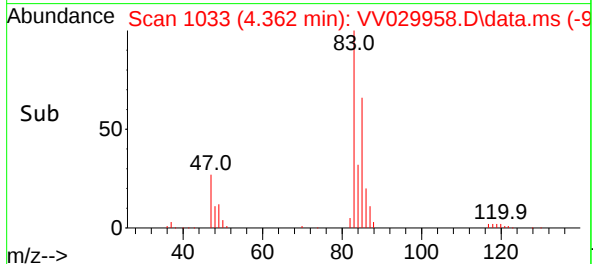
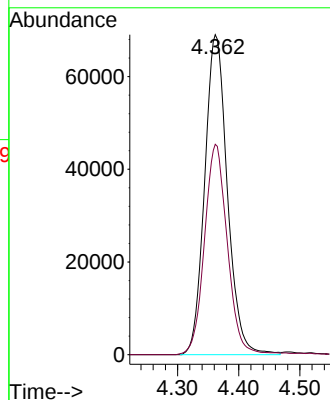
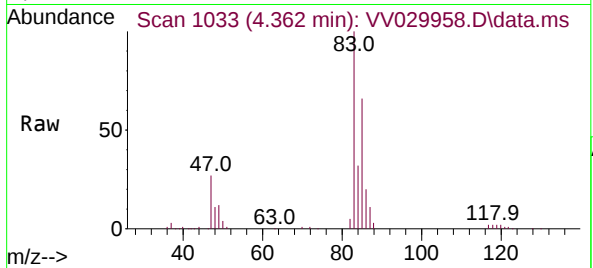




#25
Chloroform
Concen: 4.881 ug/L
RT: 4.362 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VV029958.D
Acq: 26 Jan 2023 10:03

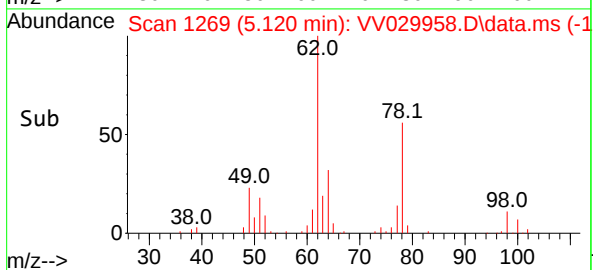
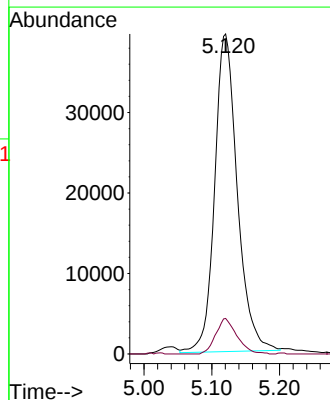
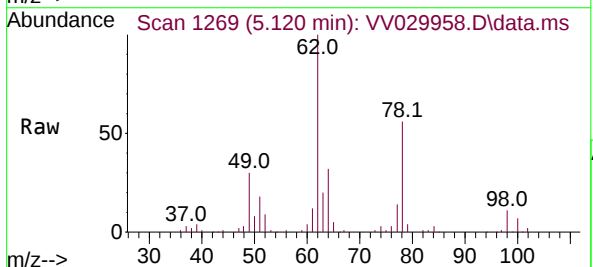
Instrument :
MSVOA_V
ClientSampleId :
VSTD005394

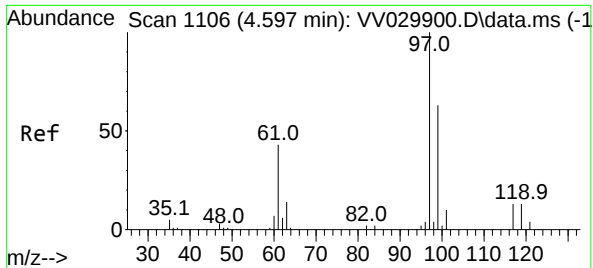
Tgt Ion: 83 Resp: 178014
Ion Ratio Lower Upper
83 100
85 65.7 46.5 86.5



#27
1,2-Dichloroethane
Concen: 5.171 ug/L
RT: 5.120 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VV029958.D
Acq: 26 Jan 2023 10:03

Tgt Ion: 62 Resp: 91629
Ion Ratio Lower Upper
62 100
98 11.1 8.9 13.3





#29

1,1,1-Trichloroethane

Concen: 4.711 ug/L

RT: 4.596 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VV029958.D

Acq: 26 Jan 2023 10:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD005394

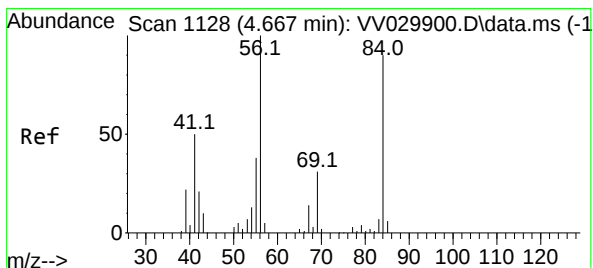
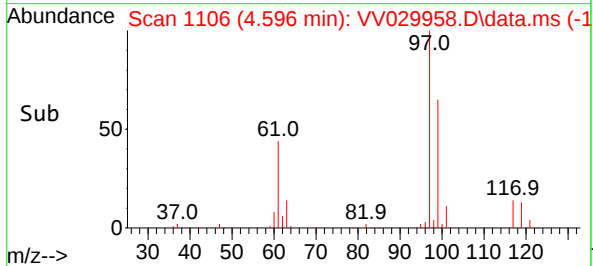
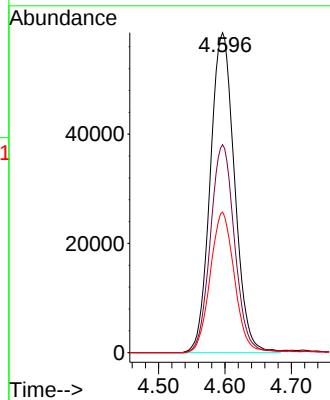
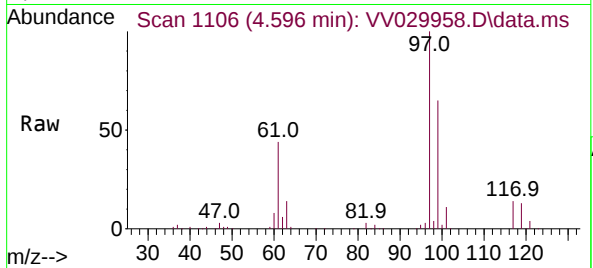
Tgt Ion: 97 Resp: 149112

Ion Ratio Lower Upper

97 100

99 64.8 51.3 76.9

61 44.0 31.6 47.4



#30

Cyclohexane

Concen: 4.690 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. 0.003 min

Lab File: VV029958.D

Acq: 26 Jan 2023 10:03

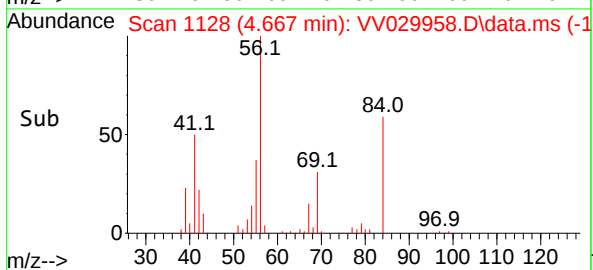
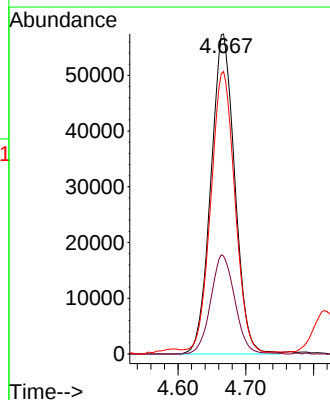
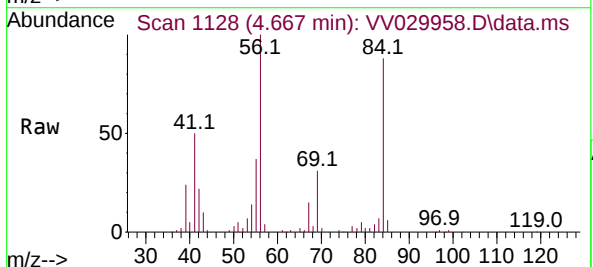
Tgt Ion: 56 Resp: 140553

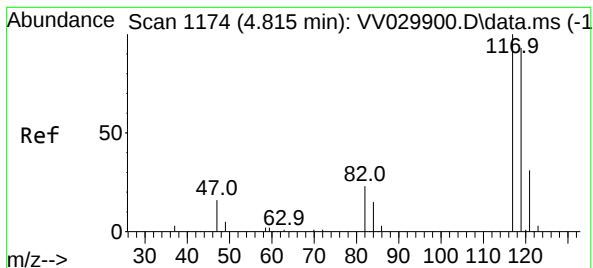
Ion Ratio Lower Upper

56 100

69 31.3 26.7 40.1

84 88.6 73.8 110.8





#31

Carbon tetrachloride

Concen: 4.519 ug/L

RT: 4.815 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VV029958.D

Acq: 26 Jan 2023 10:03

Instrument :

MSVOA_V

ClientSampleId :

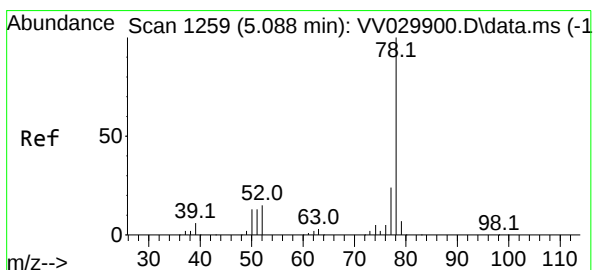
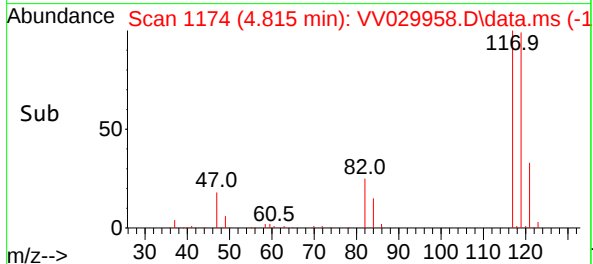
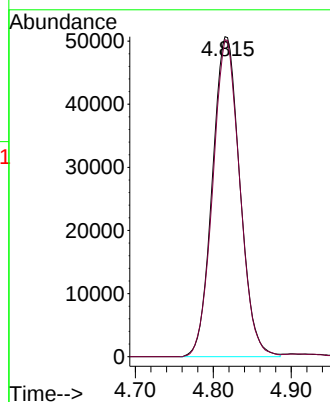
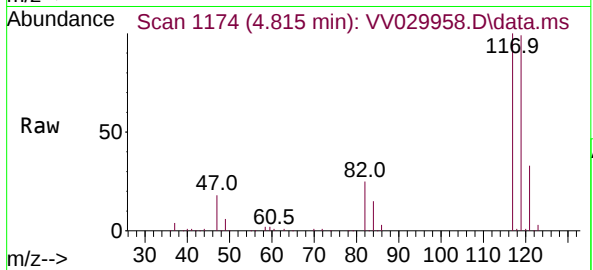
VSTD005394

Tgt Ion:117 Resp: 124471

Ion Ratio Lower Upper

117 100

119 97.2 76.6 114.8



#33

Benzene

Concen: 5.005 ug/L

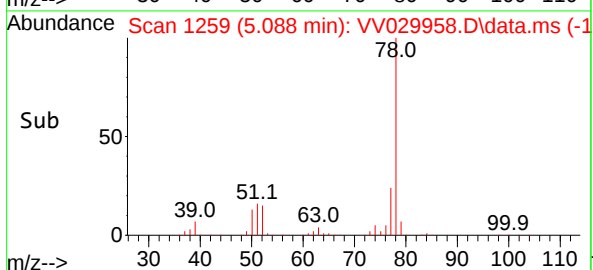
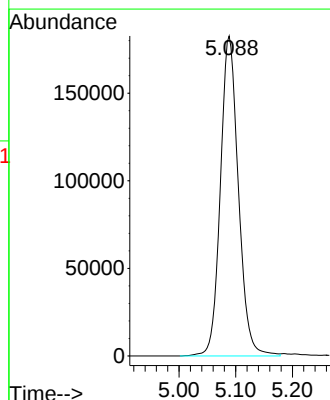
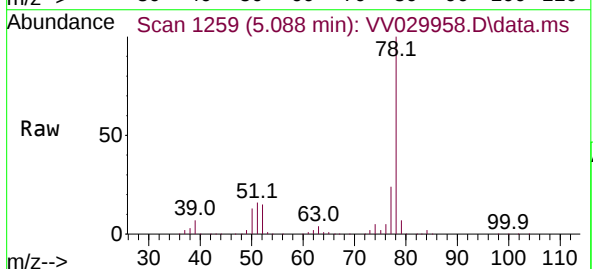
RT: 5.088 min Scan# 1259

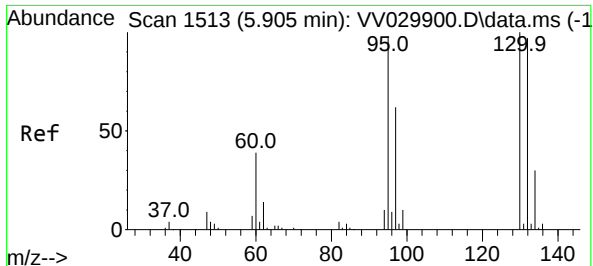
Delta R.T. 0.003 min

Lab File: VV029958.D

Acq: 26 Jan 2023 10:03

Tgt Ion: 78 Resp: 403355

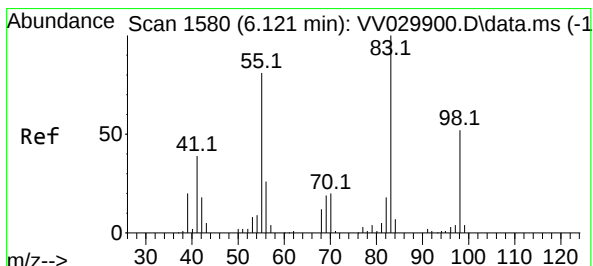
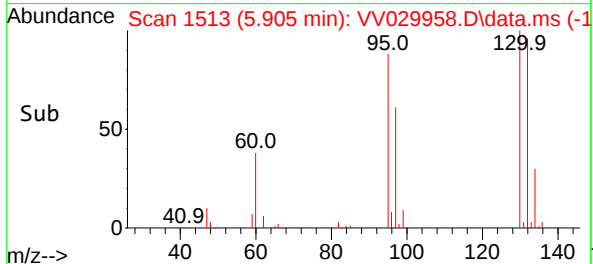
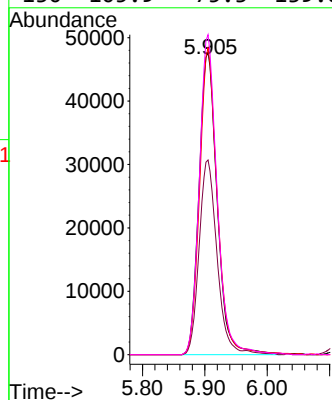
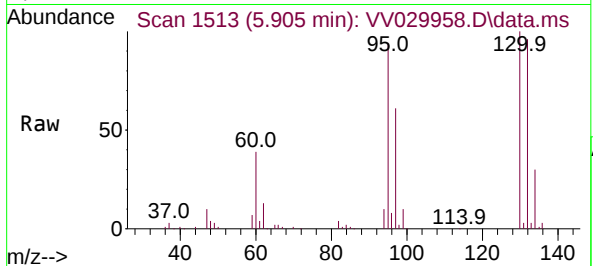




#34
Trichloroethene
Concen: 4.730 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. 0.003 min
Lab File: VV029958.D
Acq: 26 Jan 2023 10:03

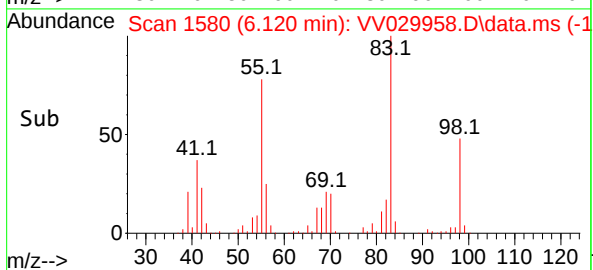
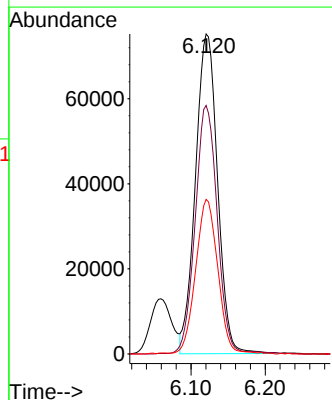
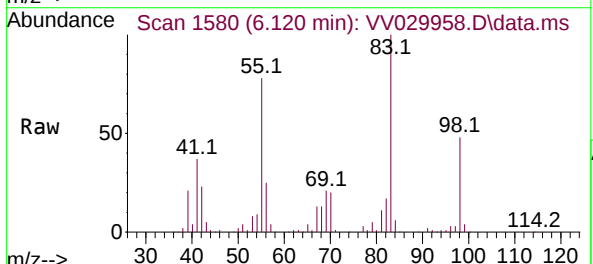
Instrument :
MSVOA_V
ClientSampleId :
VSTD005394

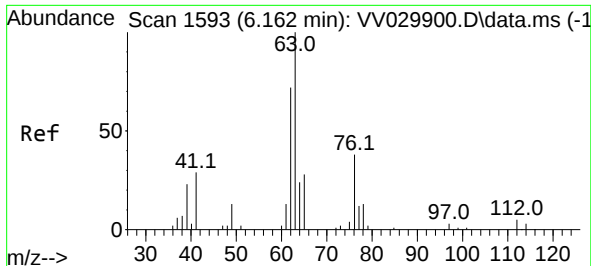
Tgt Ion: 95 Resp: 96605
Ion Ratio Lower Upper
95 100
97 64.4 44.9 83.3
132 101.5 71.8 133.4
130 105.9 75.3 139.8



#35
Methylcyclohexane
Concen: 4.516 ug/L
RT: 6.120 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VV029958.D
Acq: 26 Jan 2023 10:03

Tgt Ion: 83 Resp: 155734
Ion Ratio Lower Upper
83 100
55 77.0 57.3 85.9
98 47.6 39.0 58.6





#37

1,2-Dichloropropane

Concen: 5.535 ug/L

RT: 6.162 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV029958.D

Acq: 26 Jan 2023 10:03

Instrument :

MSVOA_V

ClientSampleId :

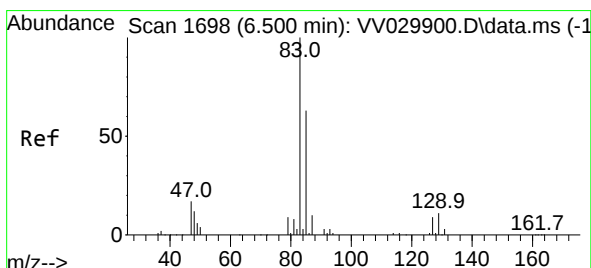
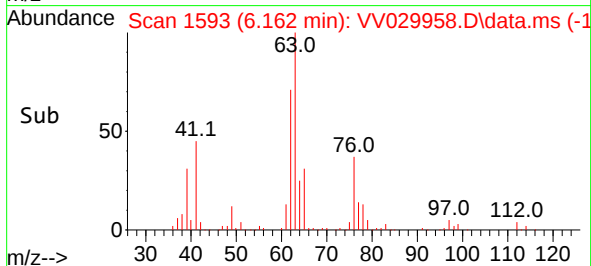
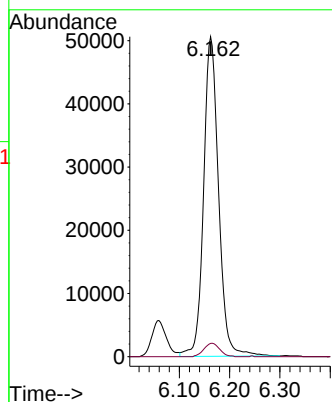
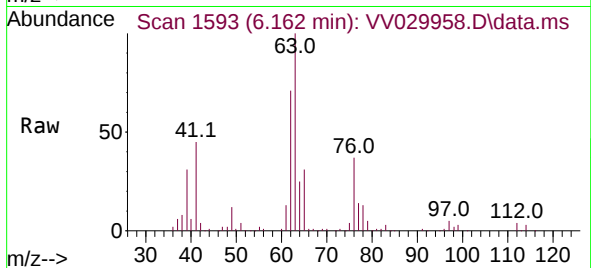
VSTD005394

Tgt Ion: 63 Resp: 104462

Ion Ratio Lower Upper

63 100

112 4.5 3.9 5.9



#38

Bromodichloromethane

Concen: 4.860 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. 0.003 min

Lab File: VV029958.D

Acq: 26 Jan 2023 10:03

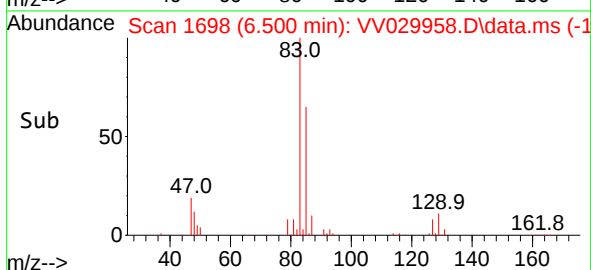
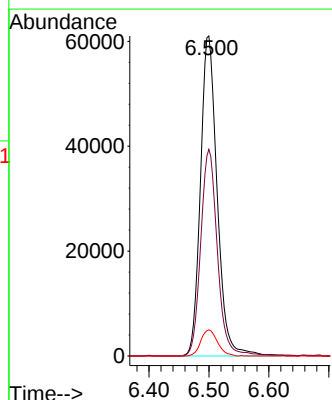
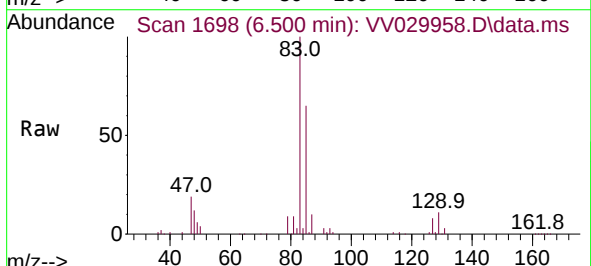
Tgt Ion: 83 Resp: 118640

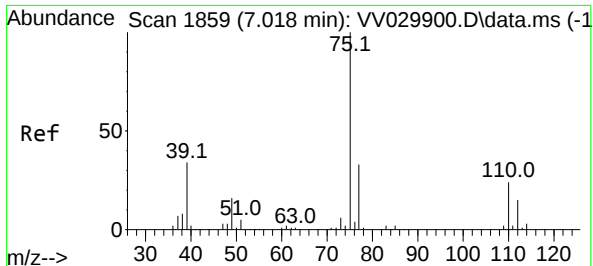
Ion Ratio Lower Upper

83 100

85 64.6 43.2 80.2

127 8.1 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.699 ug/L

RT: 7.017 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV029958.D

Acq: 26 Jan 2023 10:03

Instrument :

MSVOA_V

ClientSampleId :

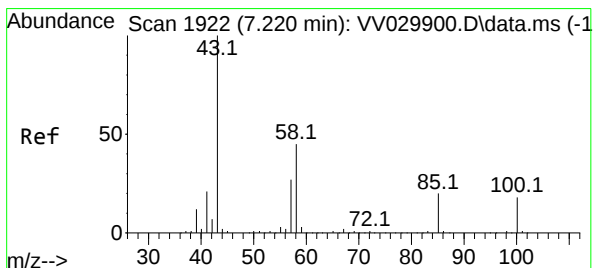
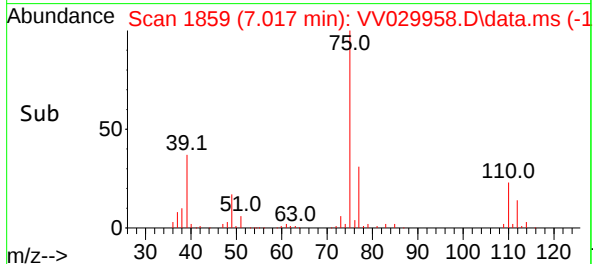
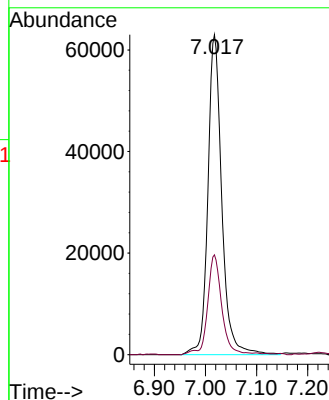
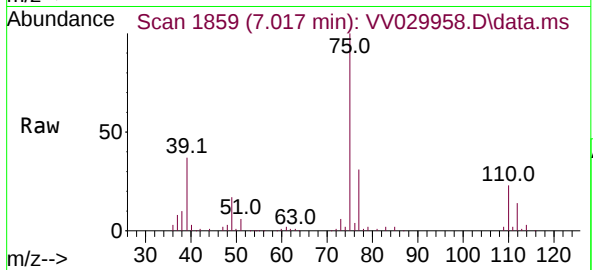
VSTD005394

Tgt Ion: 75 Resp: 118927

Ion Ratio Lower Upper

75 100

77 31.2 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 55.716 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.000 min

Lab File: VV029958.D

Acq: 26 Jan 2023 10:03

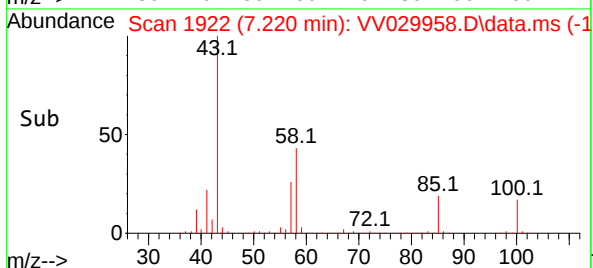
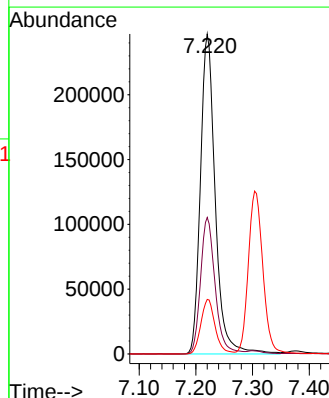
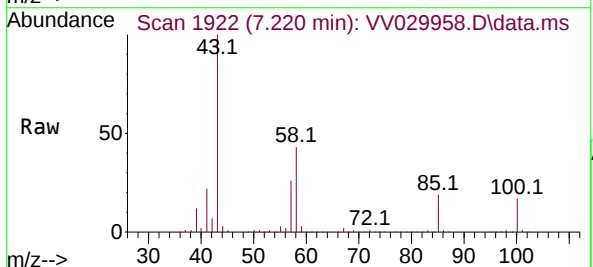
Tgt Ion: 43 Resp: 448766

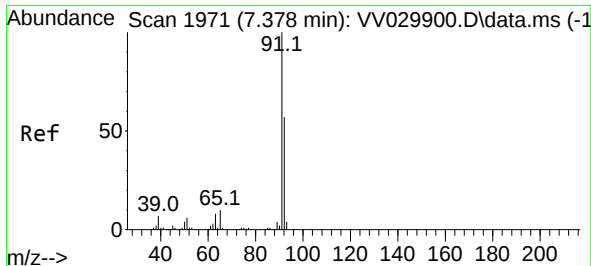
Ion Ratio Lower Upper

43 100

58 42.0 36.7 55.1

100 16.4 15.6 23.4





#42

Toluene

Concen: 4.833 ug/L

RT: 7.378 min Scan# 1971

Delta R.T. -0.000 min

Lab File: VV029958.D

Acq: 26 Jan 2023 10:03

Instrument :

MSVOA_V

ClientSampleId :

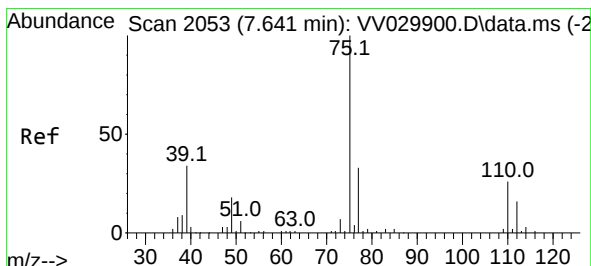
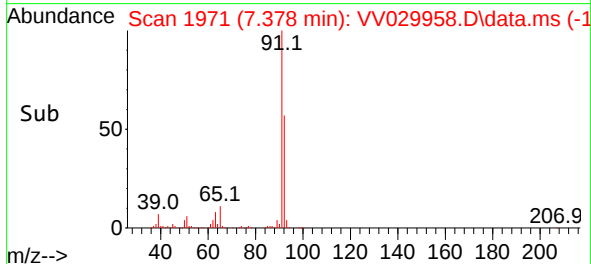
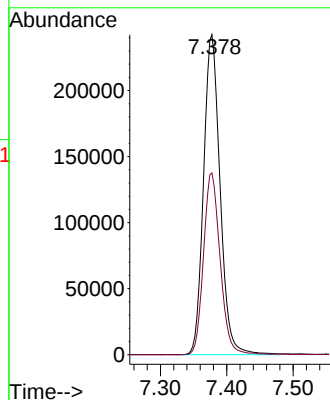
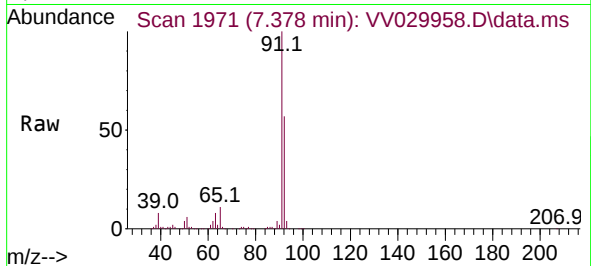
VSTD005394

Tgt Ion: 91 Resp: 420091

Ion Ratio Lower Upper

91 100

92 56.8 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 4.713 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. -0.000 min

Lab File: VV029958.D

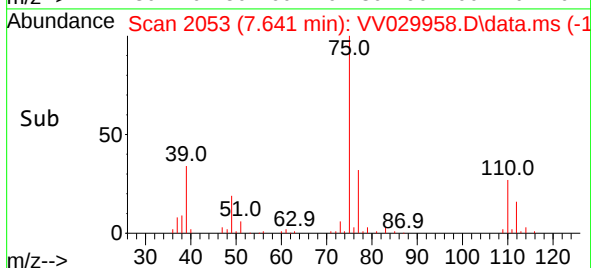
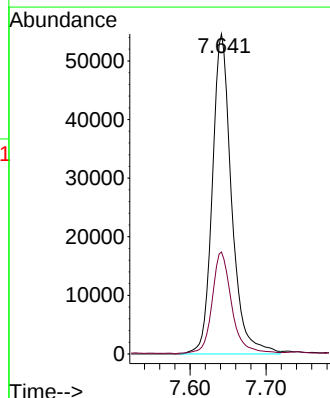
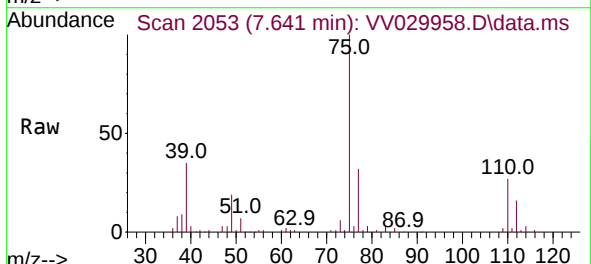
Acq: 26 Jan 2023 10:03

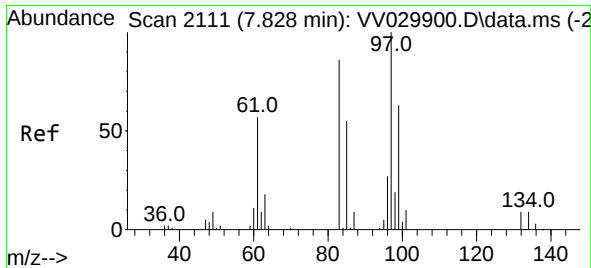
Tgt Ion: 75 Resp: 96138

Ion Ratio Lower Upper

75 100

77 31.8 21.9 40.7

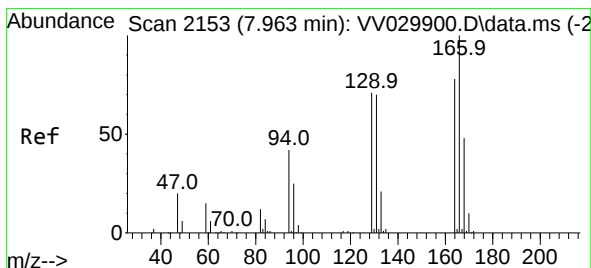
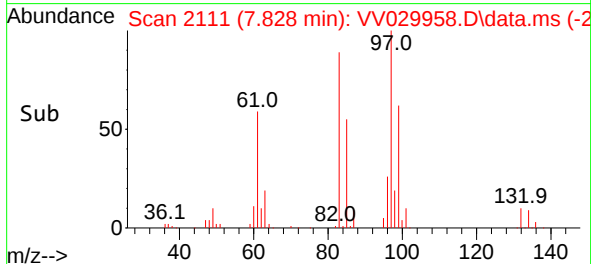
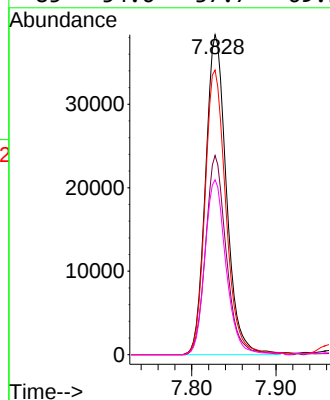
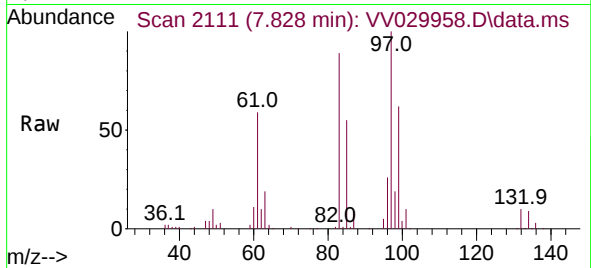




#45
1,1,2-Trichloroethane
Concen: 4.883 ug/L
RT: 7.828 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VV029958.D
Acq: 26 Jan 2023 10:03

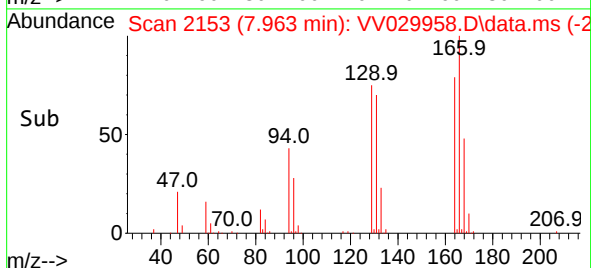
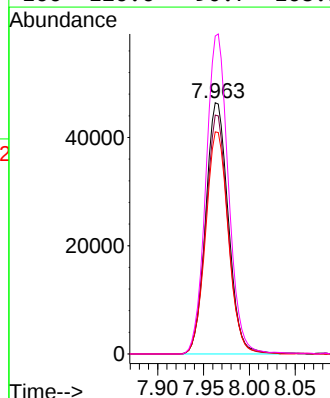
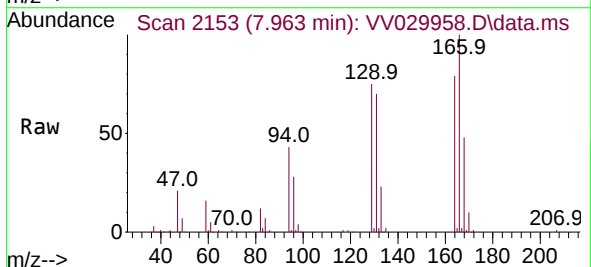
Instrument :
MSVOA_V
ClientSampleId :
VSTD005394

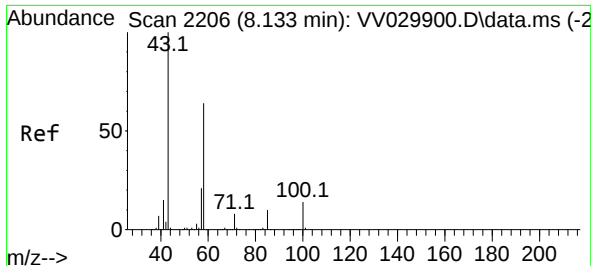
Tgt Ion: 97	Resp: 66401
Ion Ratio	Lower Upper
97 100	
99 62.3	41.9 77.7
83 89.0	58.7 109.1
85 54.6	37.7 69.9



#47
Tetrachloroethene
Concen: 4.614 ug/L
RT: 7.963 min Scan# 2153
Delta R.T. -0.000 min
Lab File: VV029958.D
Acq: 26 Jan 2023 10:03

Tgt Ion:164	Resp: 79337
Ion Ratio	Lower Upper
164 100	
129 95.1	64.5 119.7
131 88.4	62.9 116.7
166 126.6	90.7 168.5



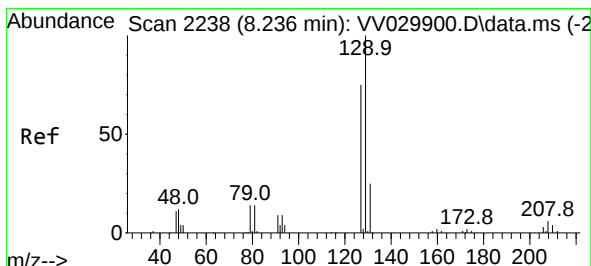
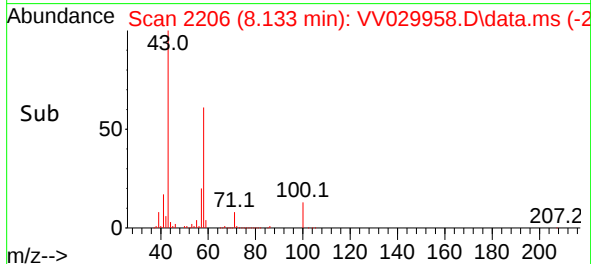
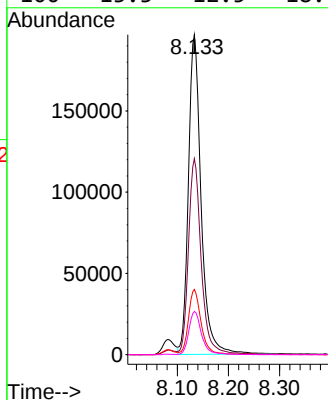
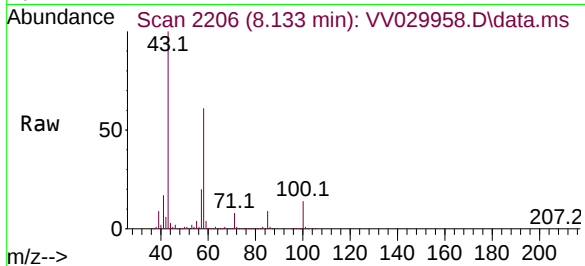


#48
2-Hexanone
Concen: 59.016 ug/L
RT: 8.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029958.D
Acq: 26 Jan 2023 10:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD005394

Tgt Ion: 43 Resp: 339762

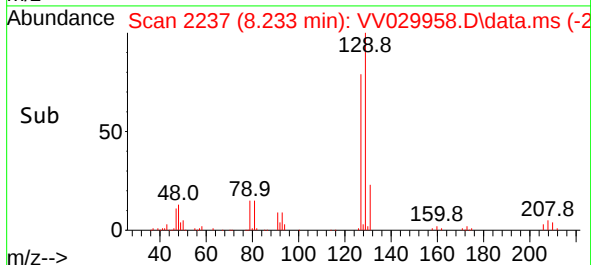
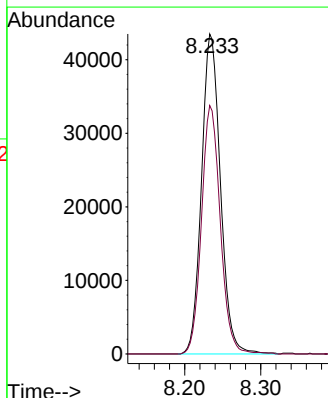
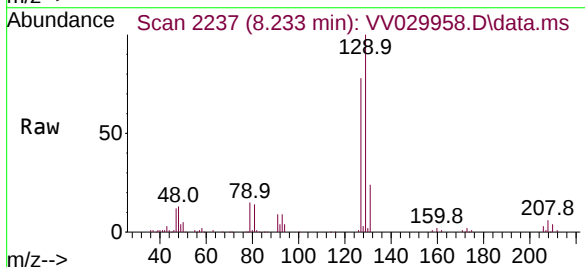
Ion	Ratio	Lower	Upper
43	100		
58	60.4	51.4	77.2
57	20.1	17.0	25.6
100	13.3	12.5	18.7

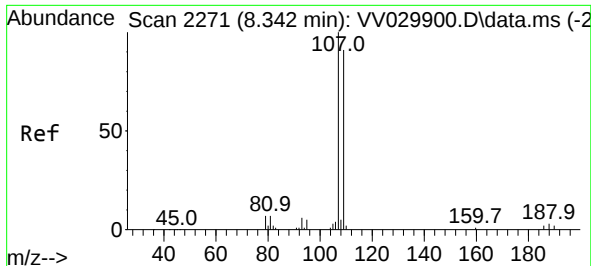


#49
Dibromochloromethane
Concen: 4.723 ug/L
RT: 8.233 min Scan# 2237
Delta R.T. -0.000 min
Lab File: VV029958.D
Acq: 26 Jan 2023 10:03

Tgt Ion: 129 Resp: 75379

Ion	Ratio	Lower	Upper
129	100		
127	77.7	54.1	100.5

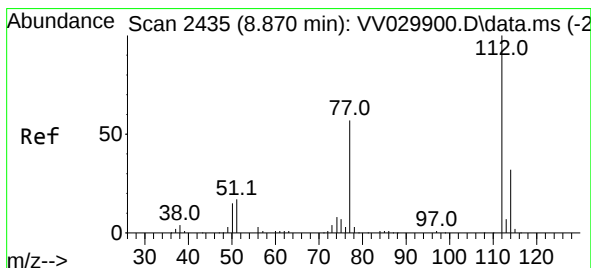
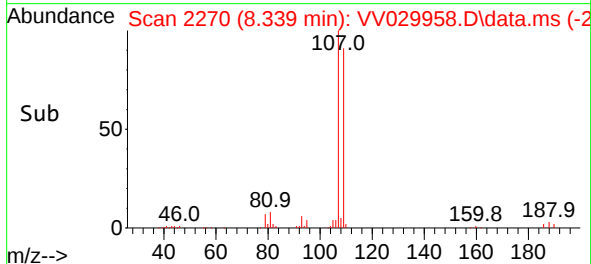
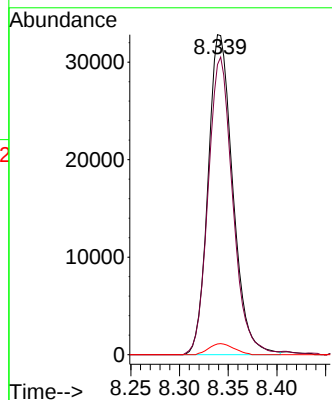
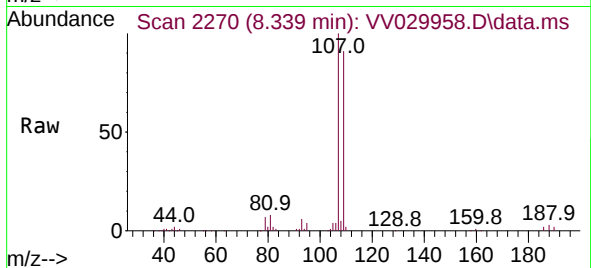




#50
1,2-Dibromoethane
Concen: 4.919 ug/L
RT: 8.339 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029958.D
Acq: 26 Jan 2023 10:03

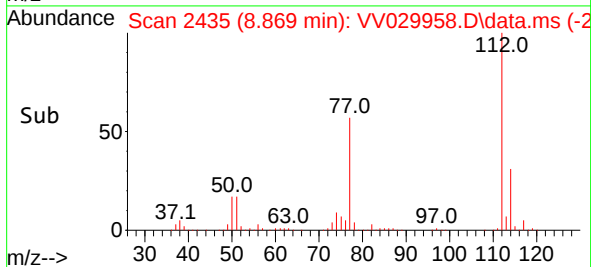
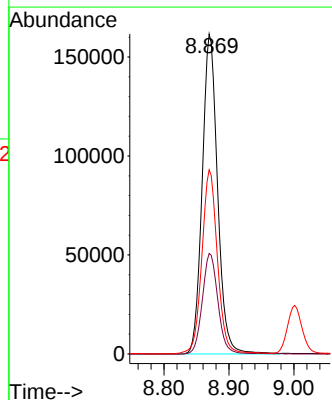
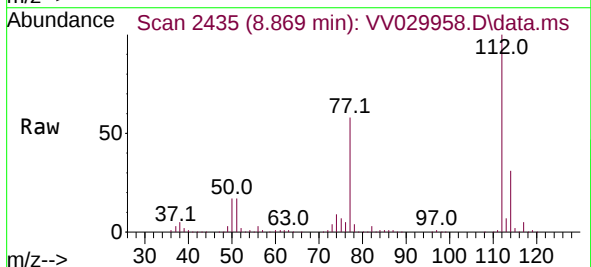
Instrument :
MSVOA_V
ClientSampleId :
VSTD005394

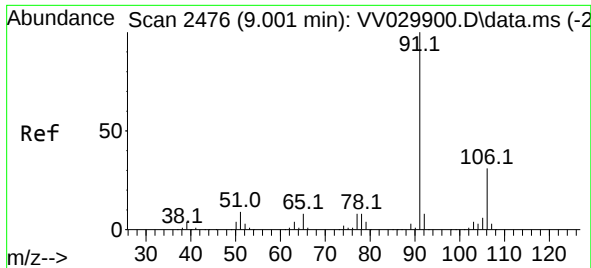
Tgt Ion:107 Resp: 58066
Ion Ratio Lower Upper
107 100
109 90.7 66.1 122.7
188 3.3 2.9 4.3



#51
Chlorobenzene
Concen: 4.835 ug/L
RT: 8.869 min Scan# 2435
Delta R.T. -0.000 min
Lab File: VV029958.D
Acq: 26 Jan 2023 10:03

Tgt Ion:112 Resp: 266884
Ion Ratio Lower Upper
112 100
114 31.4 22.5 41.9
77 57.5 46.1 69.1

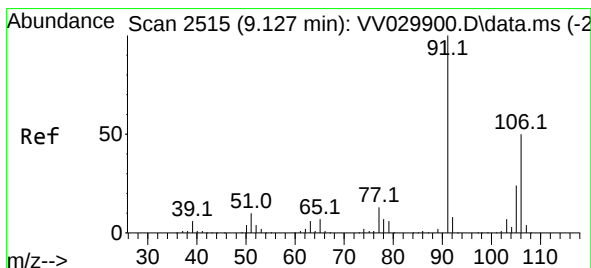
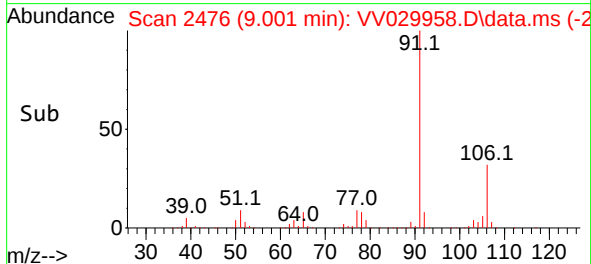
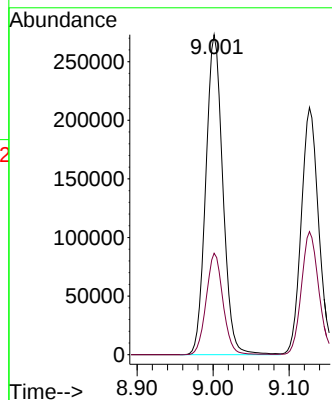
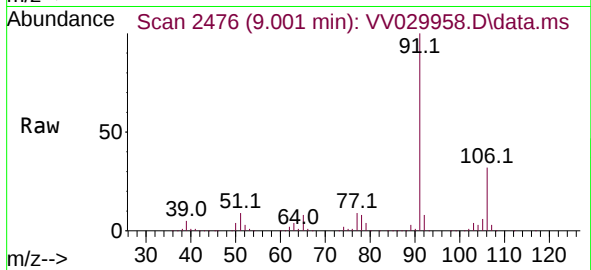




#52
Ethylbenzene
Concen: 4.673 ug/L
RT: 9.001 min Scan# 2476
Delta R.T. 0.003 min
Lab File: VV029958.D
Acq: 26 Jan 2023 10:03

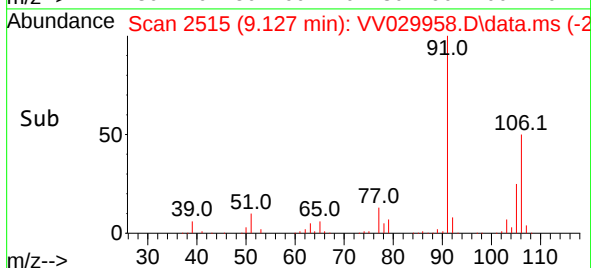
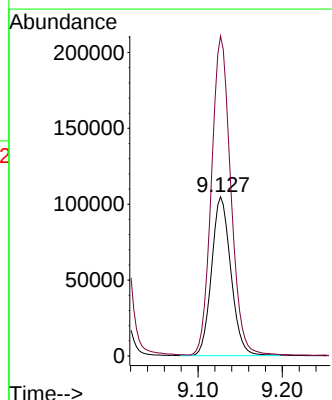
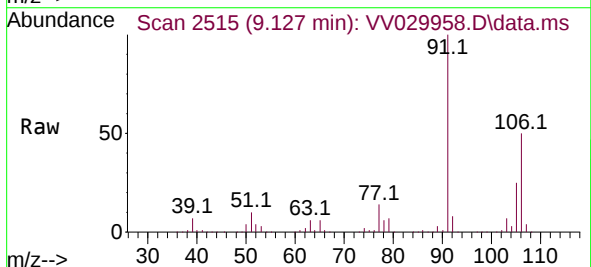
Instrument :
MSVOA_V
ClientSampleId :
VSTD005394

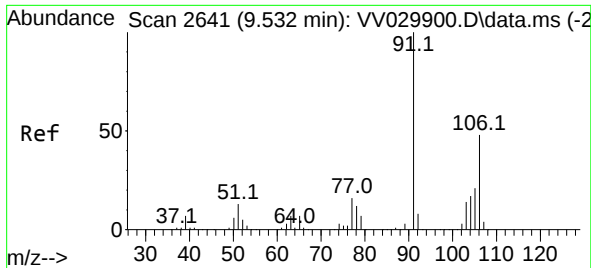
Tgt Ion: 91 Resp: 425082
Ion Ratio Lower Upper
91 100
106 31.7 21.9 40.7



#53
m,p-Xylene
Concen: 4.614 ug/L
RT: 9.127 min Scan# 2515
Delta R.T. -0.000 min
Lab File: VV029958.D
Acq: 26 Jan 2023 10:03

Tgt Ion: 106 Resp: 166161
Ion Ratio Lower Upper
106 100
91 201.0 138.7 257.7

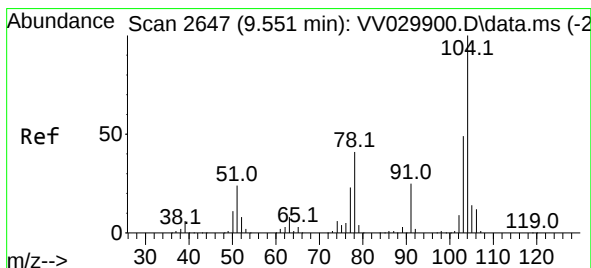
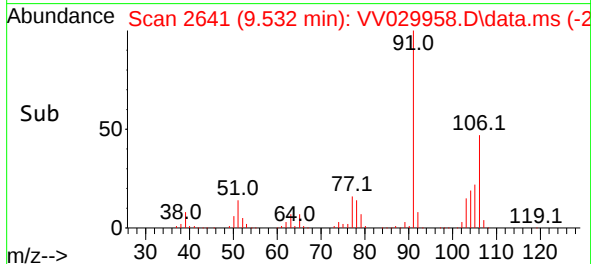
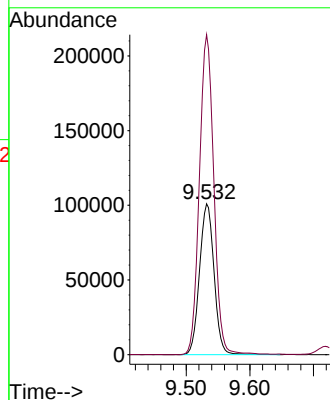
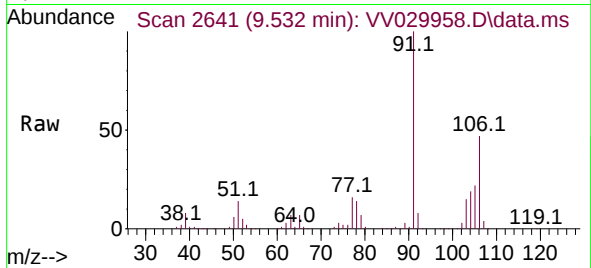




#54
o-Xylene
Concen: 4.690 ug/L
RT: 9.532 min Scan# 2641
Delta R.T. -0.000 min
Lab File: VV029958.D
Acq: 26 Jan 2023 10:03

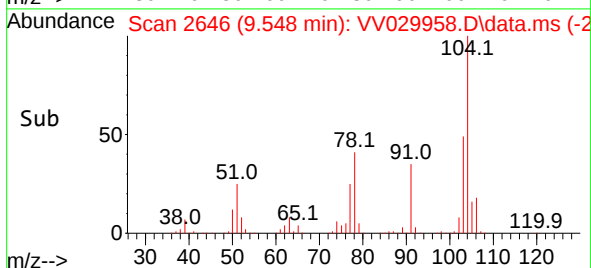
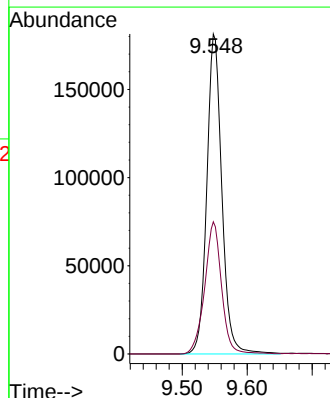
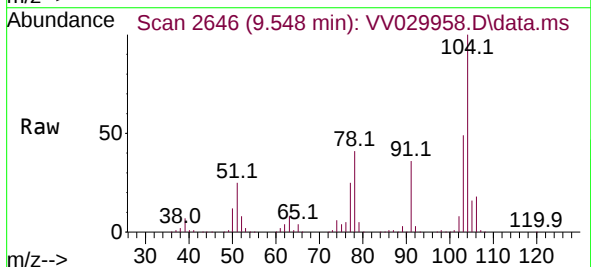
Instrument :
MSVOA_V
ClientSampleId :
VSTD005394

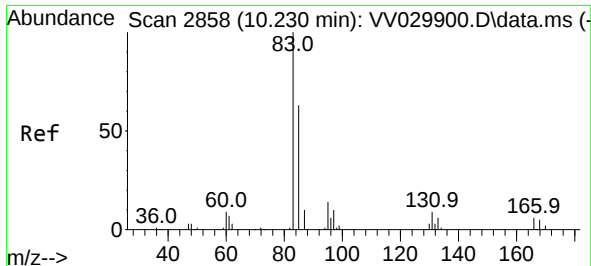
Tgt Ion:106 Resp: 160284
Ion Ratio Lower Upper
106 100
91 212.1 147.7 274.3



#55
Styrene
Concen: 4.974 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV029958.D
Acq: 26 Jan 2023 10:03

Tgt Ion:104 Resp: 292327
Ion Ratio Lower Upper
104 100
78 41.3 28.6 53.2

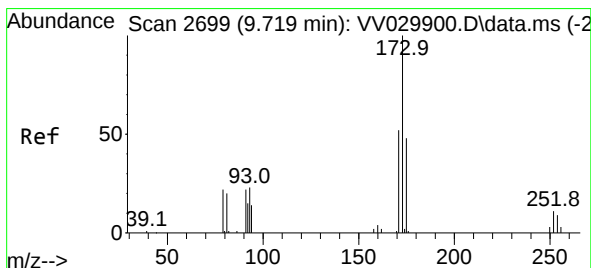
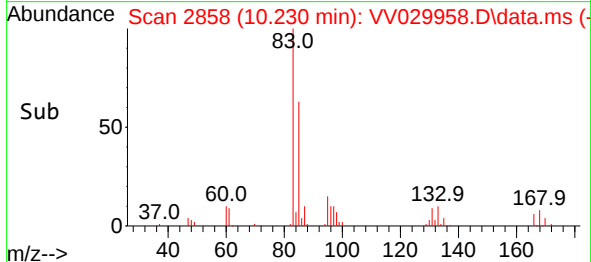
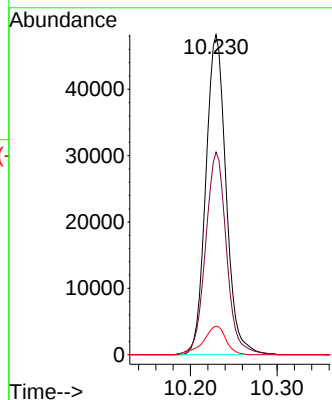
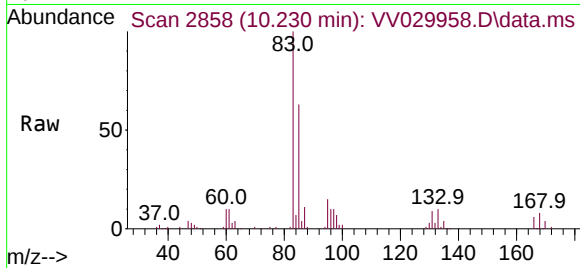




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.172 ug/L
 RT: 10.230 min Scan# 2858
 Delta R.T. -0.000 min
 Lab File: VV029958.D
 Acq: 26 Jan 2023 10:03

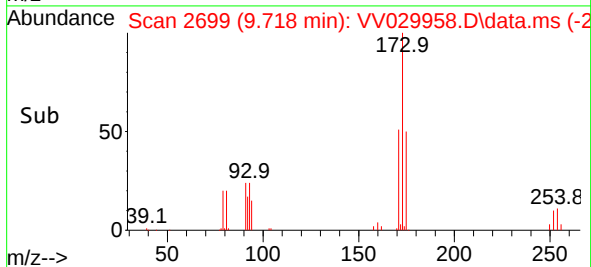
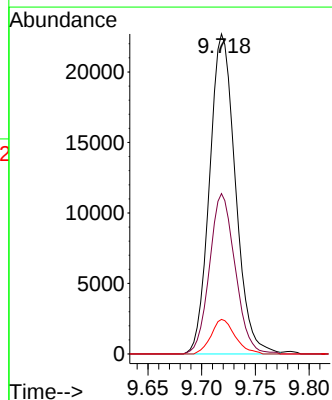
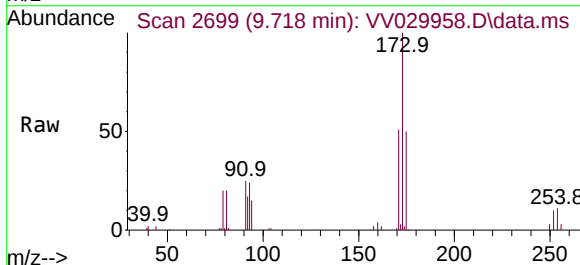
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005394

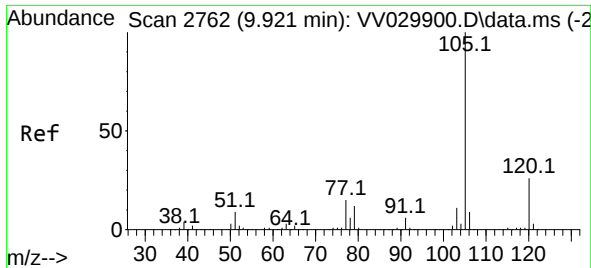
Tgt Ion:	83	Resp:	78131
Ion	Ratio	Lower	Upper
83	100		
85	63.3	46.0	85.4
131	8.9	8.4	12.6



#59
 Bromoform
 Concen: 4.322 ug/L
 RT: 9.718 min Scan# 2699
 Delta R.T. -0.000 min
 Lab File: VV029958.D
 Acq: 26 Jan 2023 10:03

Tgt Ion:	173	Resp:	37922
Ion	Ratio	Lower	Upper
173	100		
175	49.7	38.6	57.8
254	10.1	7.9	11.9

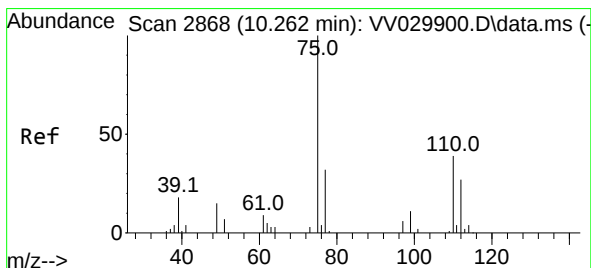
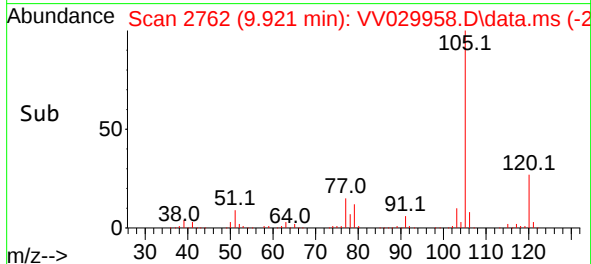
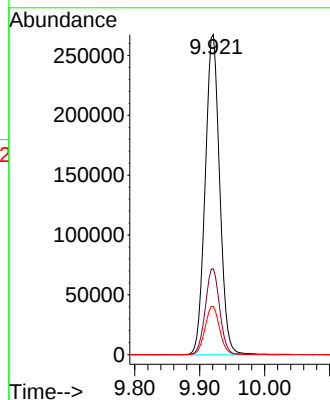
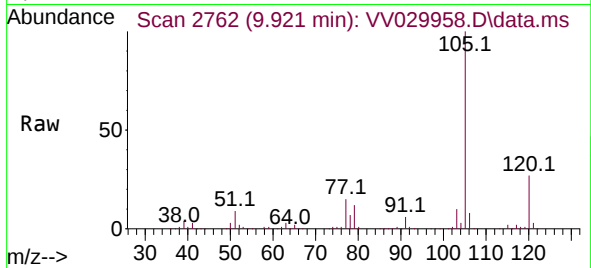




#60
Isopropylbenzene
Concen: 4.796 ug/L
RT: 9.921 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029958.D
Acq: 26 Jan 2023 10:03

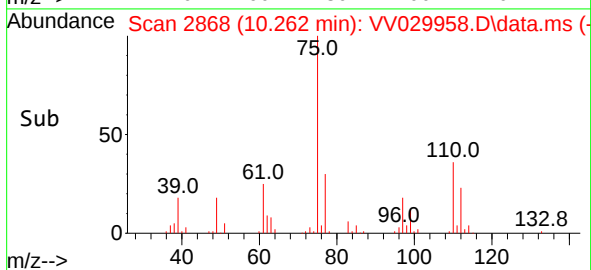
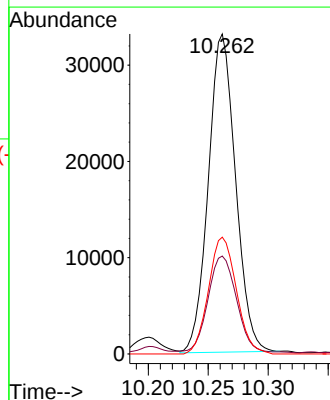
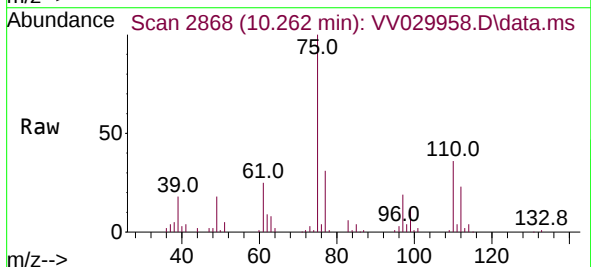
Instrument :
MSVOA_V
ClientSampleId :
VSTD005394

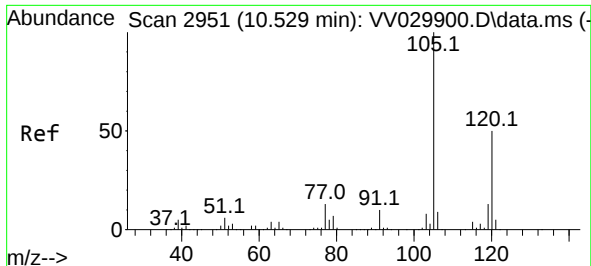
Tgt Ion:105 Resp: 415237
Ion Ratio Lower Upper
105 100
120 26.8 21.2 31.8
77 15.2 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.201 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. -0.000 min
Lab File: VV029958.D
Acq: 26 Jan 2023 10:03

Tgt Ion: 75 Resp: 52159
Ion Ratio Lower Upper
75 100
77 32.1 26.5 39.7
110 37.6 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 4.531 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VV029958.D

Acq: 26 Jan 2023 10:03

Instrument :

MSVOA_V

ClientSampleId :

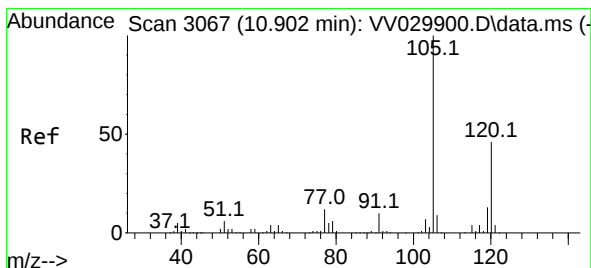
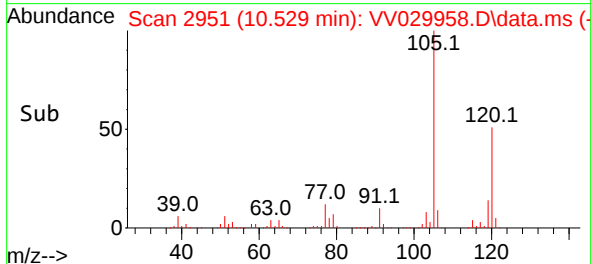
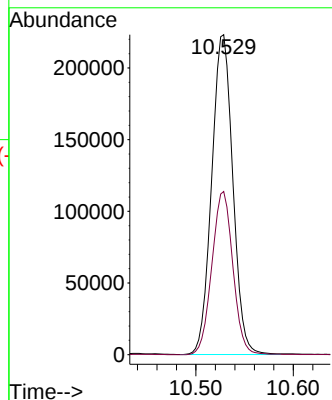
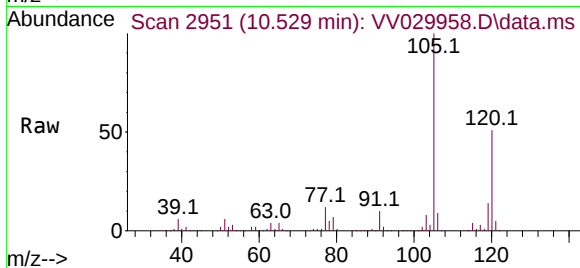
VSTD005394

Tgt Ion:105 Resp: 336157

Ion Ratio Lower Upper

105 100

120 50.8 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 4.701 ug/L

RT: 10.902 min Scan# 3067

Delta R.T. -0.000 min

Lab File: VV029958.D

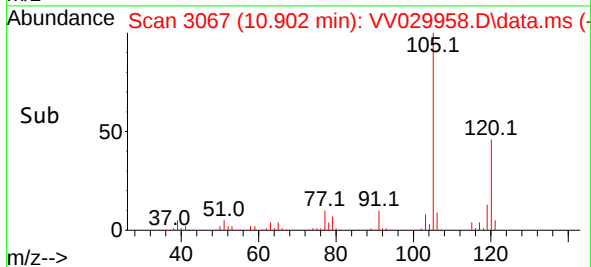
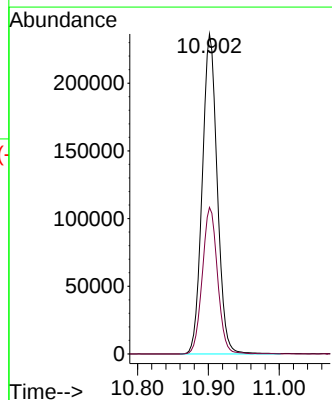
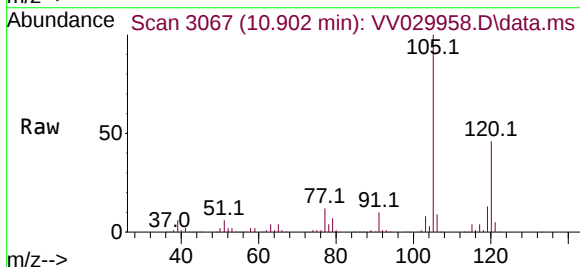
Acq: 26 Jan 2023 10:03

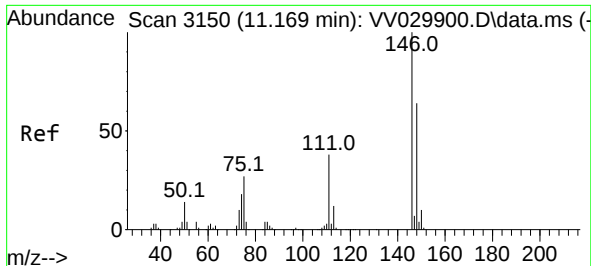
Tgt Ion:105 Resp: 347790

Ion Ratio Lower Upper

105 100

120 46.2 37.4 56.0

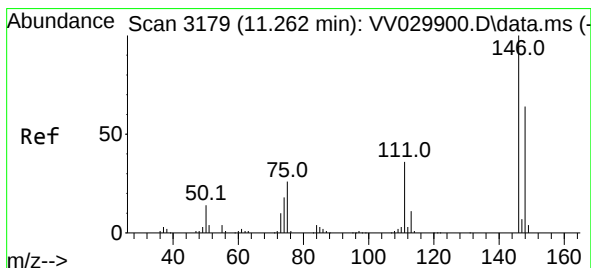
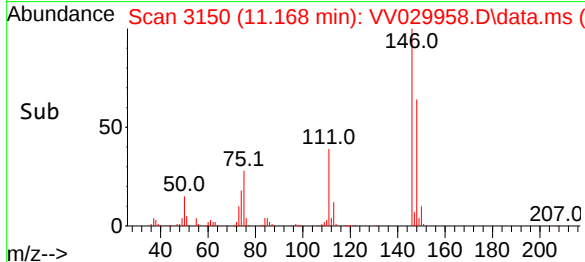
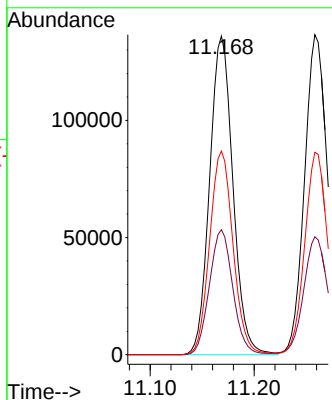
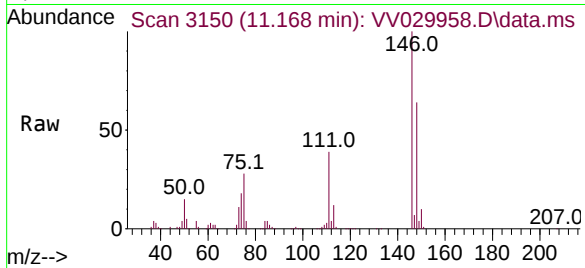




#64
1,3-Dichlorobenzene
Concen: 4.814 ug/L
RT: 11.168 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VV029958.D
Acq: 26 Jan 2023 10:03

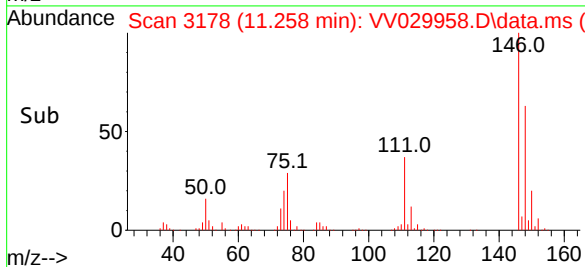
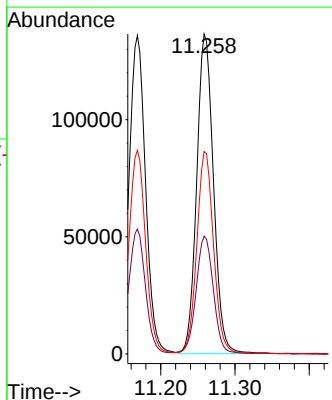
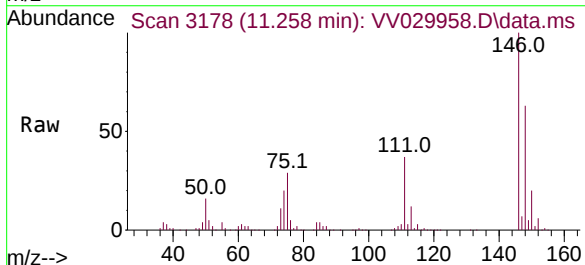
Instrument :
MSVOA_V
ClientSampleId :
VSTD005394

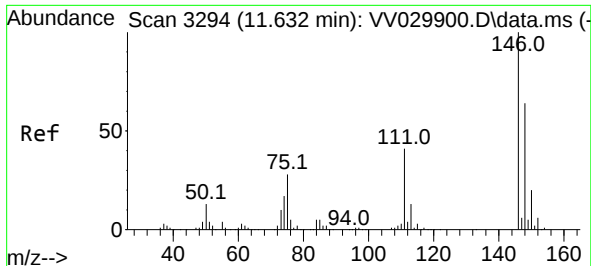
Tgt Ion:146 Resp: 211651
Ion Ratio Lower Upper
146 100
111 39.2 27.2 50.6
148 64.0 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 4.892 ug/L
RT: 11.258 min Scan# 3178
Delta R.T. -0.000 min
Lab File: VV029958.D
Acq: 26 Jan 2023 10:03

Tgt Ion:146 Resp: 214425
Ion Ratio Lower Upper
146 100
111 36.8 26.5 49.1
148 63.3 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 4.932 ug/L

RT: 11.628 min Scan# 3294

Delta R.T. -0.003 min

Lab File: VV029958.D

Acq: 26 Jan 2023 10:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD005394

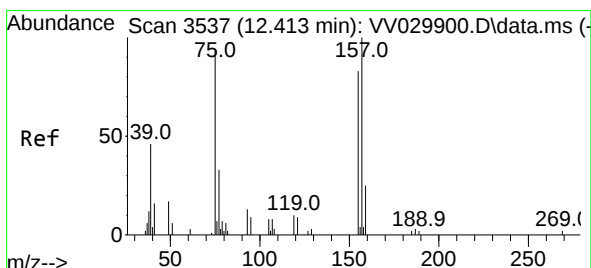
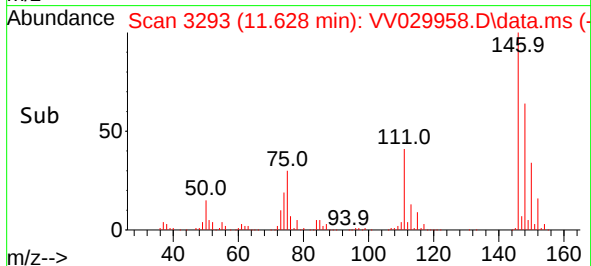
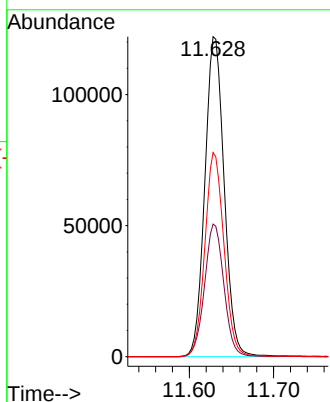
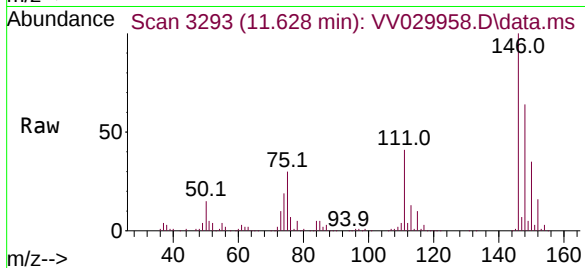
Tgt Ion:146 Resp: 194942

Ion Ratio Lower Upper

146 100

111 41.4 31.8 47.8

148 63.8 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.524 ug/L

RT: 12.413 min Scan# 3537

Delta R.T. -0.000 min

Lab File: VV029958.D

Acq: 26 Jan 2023 10:03

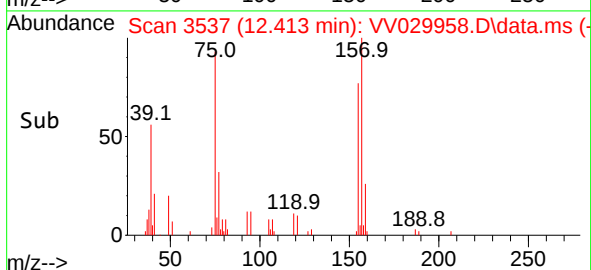
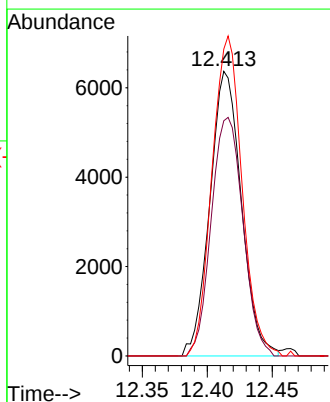
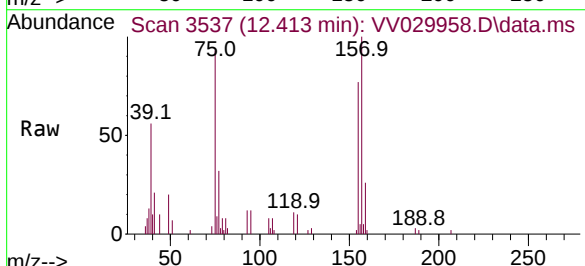
Tgt Ion: 75 Resp: 10730

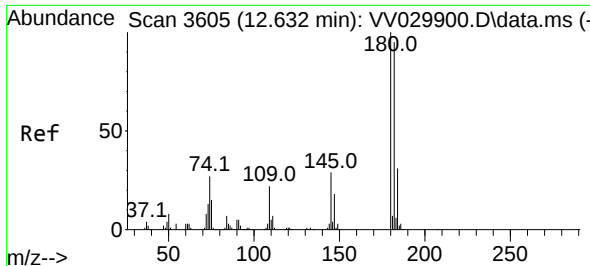
Ion Ratio Lower Upper

75 100

155 82.6 75.5 113.3

157 107.8 99.2 148.8

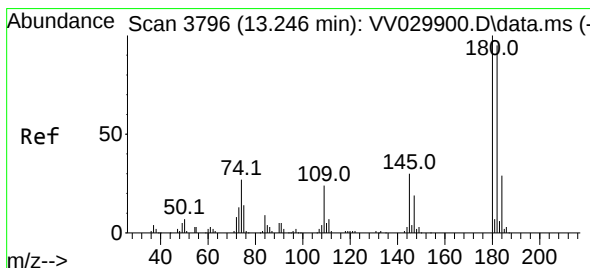
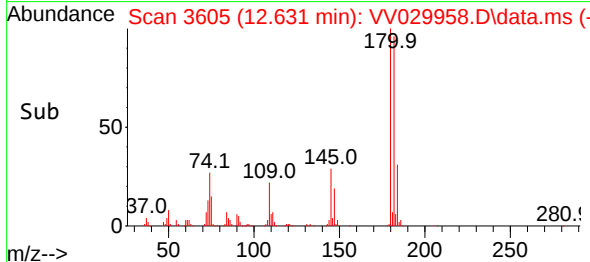
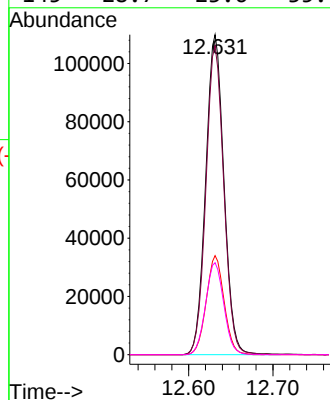
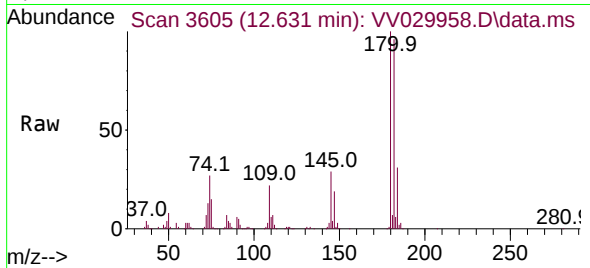




#69
 1,3,5-Trichlorobenzene
 Concen: 4.688 ug/L
 RT: 12.631 min Scan# 3605
 Delta R.T. -0.000 min
 Lab File: VV029958.D
 Acq: 26 Jan 2023 10:03

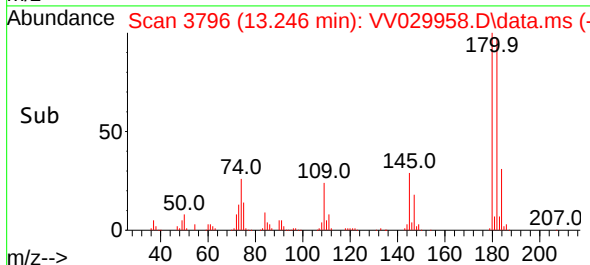
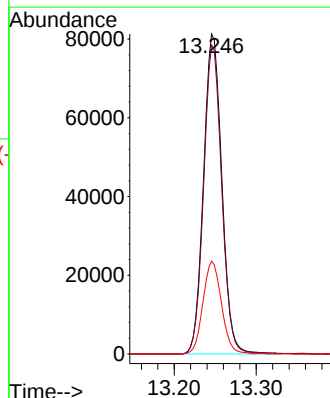
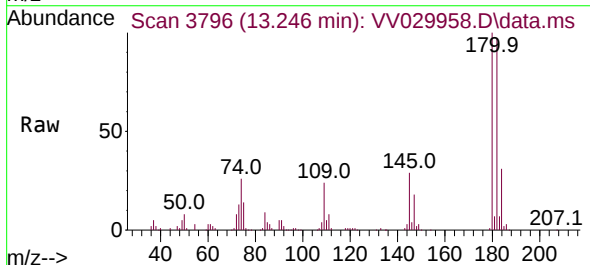
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005394

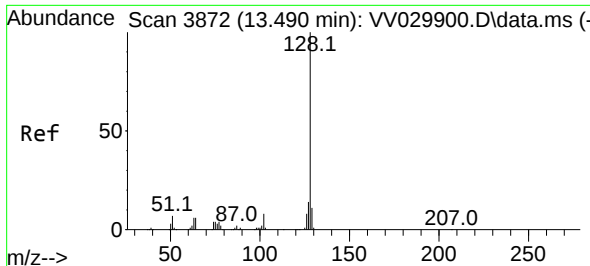
Tgt Ion:180 Resp: 165897
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.4 113.2
 184 30.3 23.9 35.9
 145 28.7 23.6 35.4



#70
 1,2,4-trichlorobenzene
 Concen: 4.572 ug/L
 RT: 13.246 min Scan# 3796
 Delta R.T. -0.000 min
 Lab File: VV029958.D
 Acq: 26 Jan 2023 10:03

Tgt Ion:180 Resp: 126435
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.8 113.8
 145 29.2 23.7 35.5

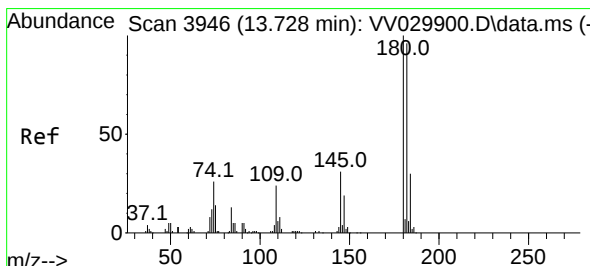
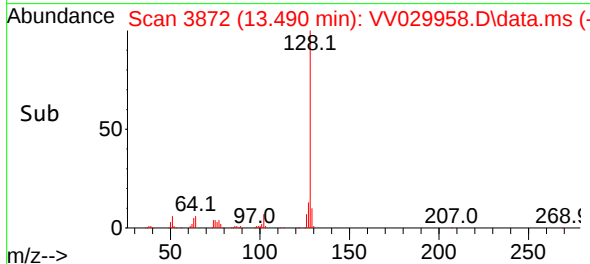
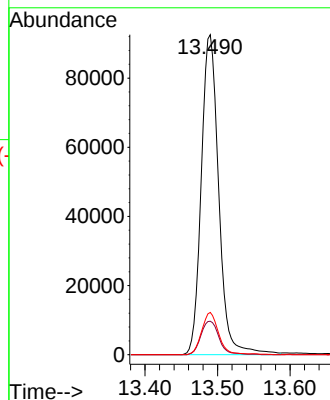
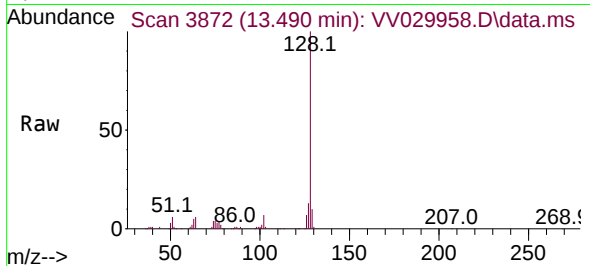




#71
Naphthalene
Concen: 4.333 ug/L
RT: 13.490 min Scan# 3872
Delta R.T. -0.000 min
Lab File: VV029958.D
Acq: 26 Jan 2023 10:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD005394

Tgt Ion:128 Resp: 155226
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 12.7 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 4.657 ug/L
RT: 13.728 min Scan# 3946
Delta R.T. -0.000 min
Lab File: VV029958.D
Acq: 26 Jan 2023 10:03

Tgt Ion:180 Resp: 106892
Ion Ratio Lower Upper
180 100
182 94.8 75.5 113.3
145 31.1 25.0 37.6

