

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
 Data File : VW026267.D
 Acq On : 15 Jun 2022 10:16
 Operator : SY/MD
 Sample : VSTD00168
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001268

Quant Time: Jun 16 01:01:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 01:00:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	177490	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	170575	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	78683	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	15178	0.710	ug/L	0.00
7) Chloroethane-d5	1.574	69	12856	0.764	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.114	63	27063	0.773	ug/L	0.00
20) 2-Butanone-d5	3.944	46	4093	2.422	ug/L	0.03
24) Chloroform-d	4.362	84	22383	0.735	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.044	65	9793	0.791	ug/L	0.00
32) Benzene-d6	5.060	84	41596	0.682	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.079	67	15400	0.871	ug/L	0.00
41) Toluene-d8	7.320	98	35181	0.648	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	3744	0.693	ug/L	0.00
46) 2-Hexanone-d5	8.098	63	9262	5.552	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	7330	0.684	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	11458	0.703	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.140	85	12632	0.775	ug/L	99
3) Chloromethane	1.249	50	14940	0.858	ug/L	97
5) Vinyl chloride	1.317	62	15310	0.833	ug/L	96
6) Bromomethane	1.529	94	8418	0.787	ug/L	97
8) Chloroethane	1.590	64	9640	0.841	ug/L	94
9) Trichlorofluoromethane	1.761	101	20890	0.831	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	11914	0.833	ug/L	97
12) 1,1-Dichloroethene	2.124	96	11177	0.827	ug/L	86
13) Acetone	2.201	43	9102	8.490	ug/L	78
14) Carbon disulfide	2.301	76	27198	0.794	ug/L	99
15) Methyl Acetate	2.462	43	2525	0.849	ug/L	93
16) Methylene chloride	2.516	84	16026	1.131	ug/L	96
17) Methyl tert-butyl Ether	2.780	73	17147	0.766	ug/L	# 95
18) trans-1,2-Dichloroethene	2.770	96	10262	0.790	ug/L	98
19) 1,1-Dichloroethane	3.198	63	19508	0.782	ug/L	97
21) 2-Butanone	4.037	43	9328	6.447	ug/L	93
22) cis-1,2-Dichloroethene	3.931	96	9725	0.745	ug/L	89
23) Bromochloromethane	4.265	128	4518	0.820	ug/L	91
25) Chloroform	4.384	83	22245	0.853	ug/L	98
27) 1,2-Dichloroethane	5.146	62	10068	0.826	ug/L	95
29) 1,1,1-Trichloroethane	4.616	97	18057	0.810	ug/L	98
30) Cyclohexane	4.690	56	11138	0.651	ug/L	99
31) Carbon tetrachloride	4.835	117	15490	0.853	ug/L	99
33) Benzene	5.108	78	39000	0.765	ug/L	100
34) Trichloroethene	5.921	95	11463	0.823	ug/L	94
35) Methylcyclohexane	6.133	83	13742	0.727	ug/L	98
37) 1,2-Dichloropropane	6.182	63	10423	0.776	ug/L	99
38) Bromodichloromethane	6.516	83	13484	0.845	ug/L	92
39) cis-1,3-Dichloropropene	7.040	75	10023	0.667	ug/L	93
40) 4-Methyl-2-pentanone	7.233	43	32049	6.608	ug/L	99
42) Toluene	7.394	91	38799	0.715	ug/L	100
44) trans-1,3-Dichloropropene	7.661	75	8502	0.721	ug/L	98

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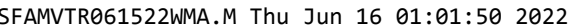
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001268

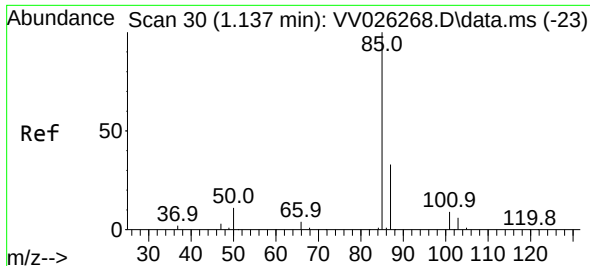
Quant Time: Jun 16 01:01:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 01:00:29 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.844	97	7269	0.858	ug/L	97
47) Tetrachloroethene	7.976	164	8131	0.807	ug/L	96
48) 2-Hexanone	8.149	43	21857	6.419	ug/L	92
49) Dibromochloromethane	8.246	129	7683	0.829	ug/L	91
50) 1,2-Dibromoethane	8.362	107	5892	0.817	ug/L	100
51) Chlorobenzene	8.883	112	27736	0.792	ug/L	99
52) Ethylbenzene	9.014	91	36553	0.675	ug/L	98
53) m,p-Xylene	9.140	106	14173	0.682	ug/L	92
54) o-Xylene	9.545	106	13675	0.677	ug/L	100
55) Styrene	9.564	104	21359	0.642	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	6778	0.793	ug/L	99
59) Bromoform	9.731	173	3469	0.906	ug/L #	96
60) Isopropylbenzene	9.931	105	35060	0.685	ug/L	97
61) 1,2,3-Trichloropropane	10.275	75	5124	0.847	ug/L	94
62) 1,3,5-Trimethylbenzene	10.538	105	27119	0.669	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	26554	0.667	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	19044	0.776	ug/L	95
65) 1,4-Dichlorobenzene	11.272	146	20045	0.819	ug/L	96
67) 1,2-Dichlorobenzene	11.645	146	17249	0.786	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.429	75	866	0.823	ug/L	89
69) 1,3,5-Trichlorobenzene	12.645	180	13484	0.773	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	9942	0.788	ug/L	98
71) Naphthalene	13.503	128	13675	0.777	ug/L	97
72) 1,2,3-Trichlorobenzene	13.741	180	8272	0.794	ug/L	97

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

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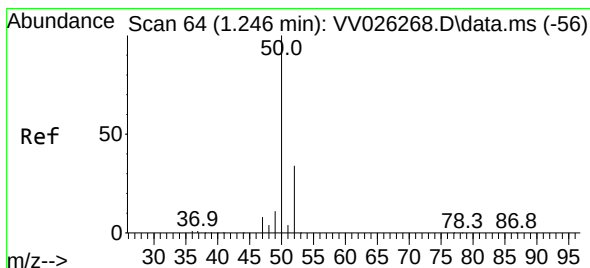
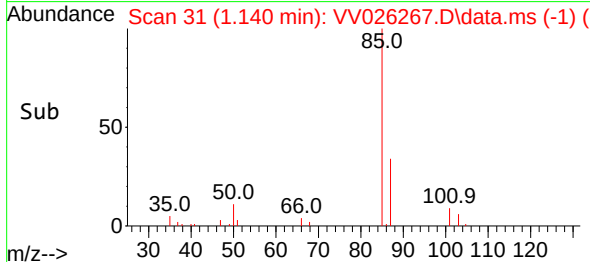
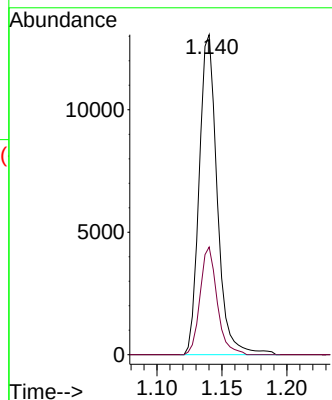
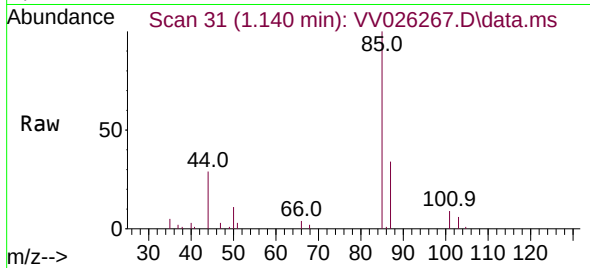




#2
 Dichlorodifluoromethane
 Concen: 0.775 ug/L
 RT: 1.140 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV026267.D
 Acq: 15 Jun 2022 10:16

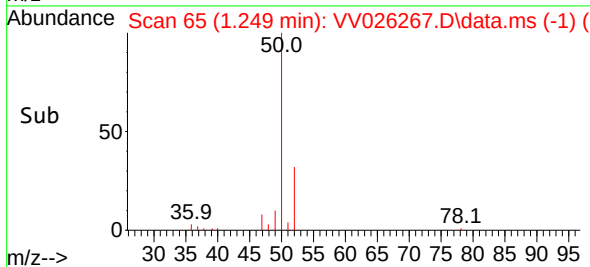
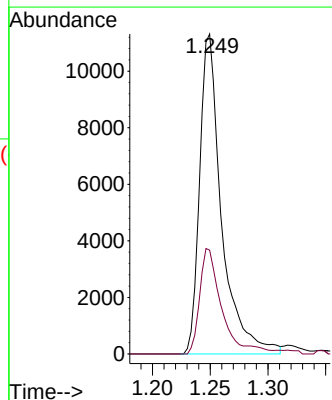
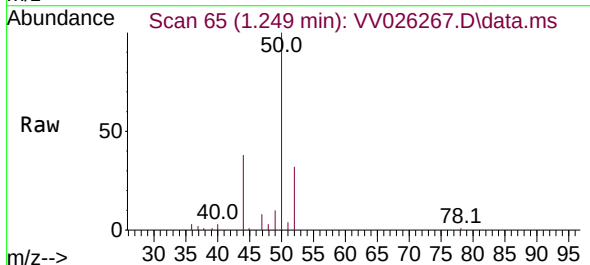
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001268

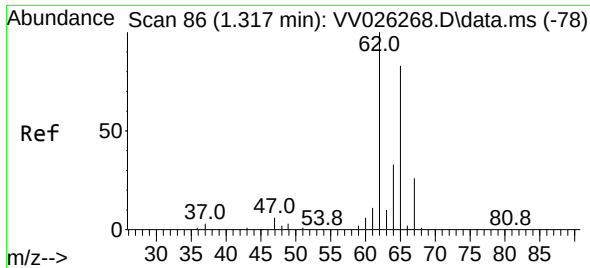
Tgt Ion: 85 Resp: 12632
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.0 39.0



#3
 Chloromethane
 Concen: 0.858 ug/L
 RT: 1.249 min Scan# 65
 Delta R.T. 0.003 min
 Lab File: VV026267.D
 Acq: 15 Jun 2022 10:16

Tgt Ion: 50 Resp: 14940
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.7 44.1

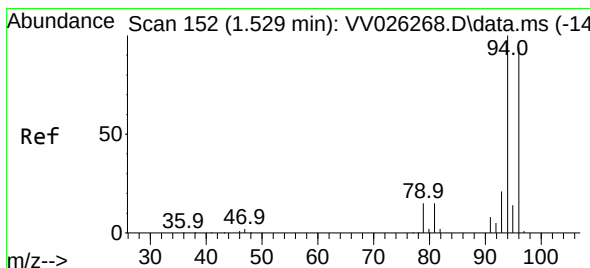
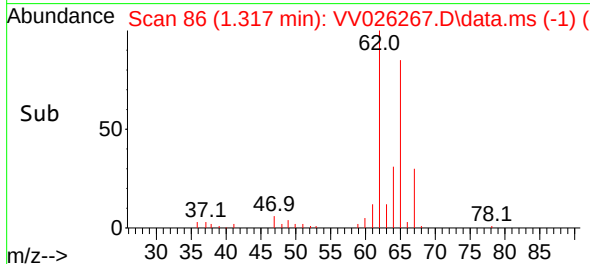
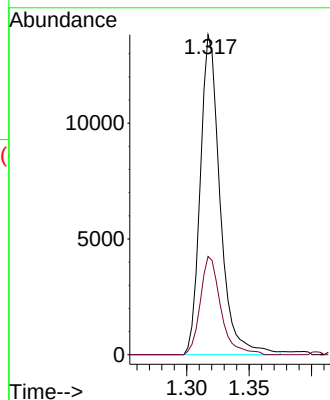
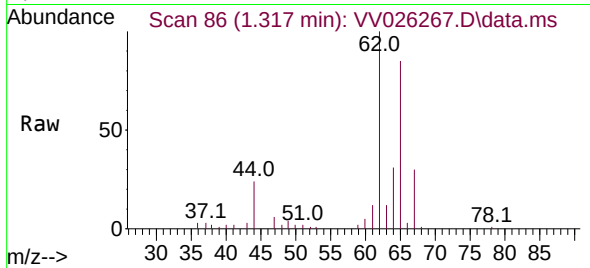




#5
 Vinyl chloride
 Concen: 0.833 ug/L
 RT: 1.317 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VV026267.D
 Acq: 15 Jun 2022 10:16

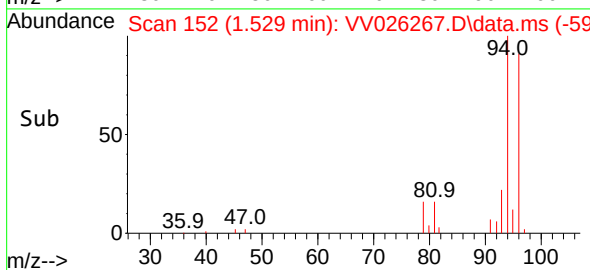
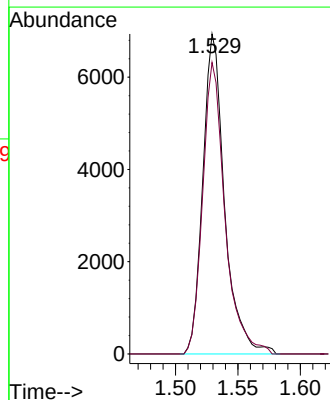
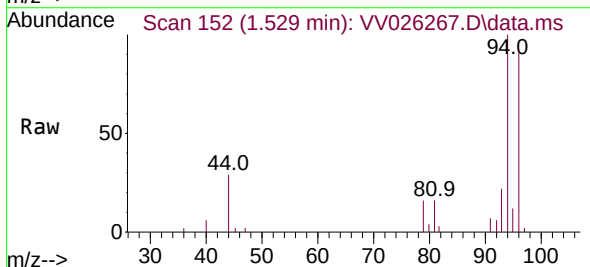
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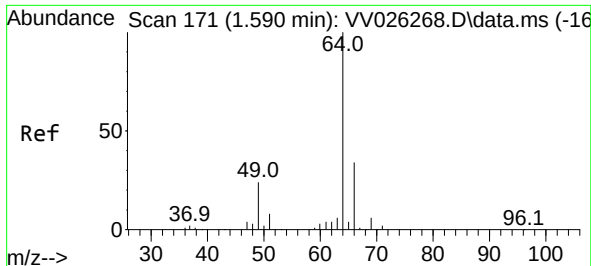
Tgt Ion: 62 Resp: 15310
 Ion Ratio Lower Upper
 62 100
 64 30.7 23.2 43.2



#6
 Bromomethane
 Concen: 0.787 ug/L
 RT: 1.529 min Scan# 152
 Delta R.T. 0.000 min
 Lab File: VV026267.D
 Acq: 15 Jun 2022 10:16

Tgt Ion: 94 Resp: 8418
 Ion Ratio Lower Upper
 94 100
 96 91.1 65.7 121.9





#8

Chloroethane

Concen: 0.841 ug/L

RT: 1.590 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV026267.D

Acq: 15 Jun 2022 10:16

Instrument :

MSVOA_V

ClientSampleId :

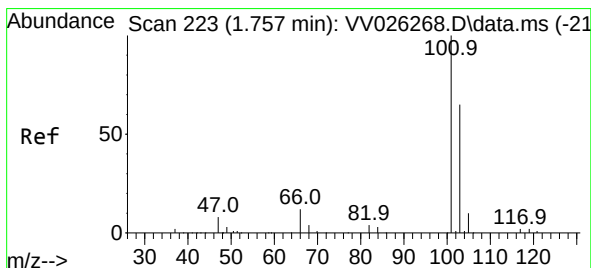
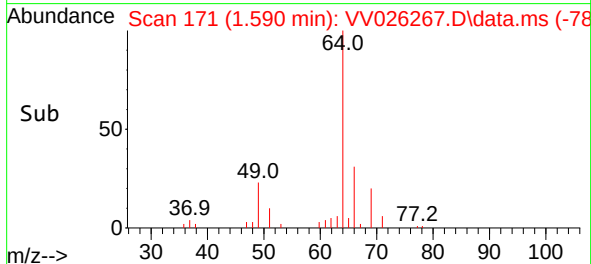
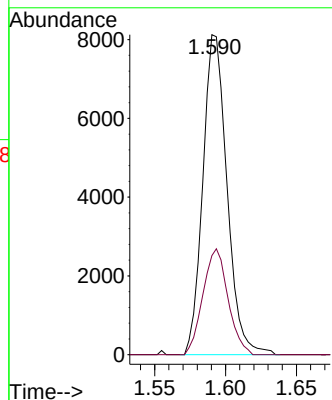
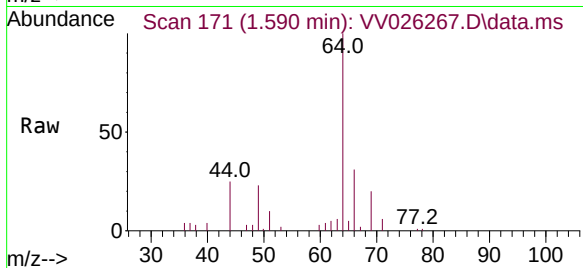
VSTD001268

Tgt Ion: 64 Resp: 9640

Ion Ratio Lower Upper

64 100

66 30.9 24.1 44.7



#9

Trichlorofluoromethane

Concen: 0.831 ug/L

RT: 1.761 min Scan# 224

Delta R.T. 0.003 min

Lab File: VV026267.D

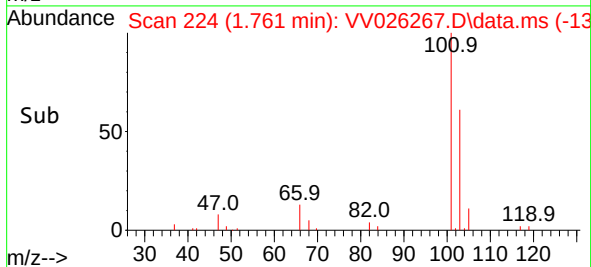
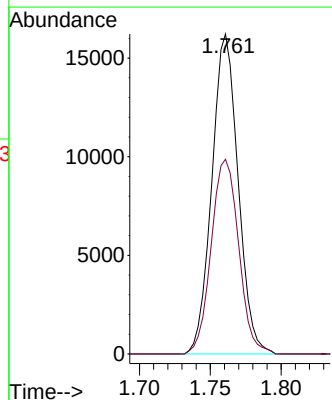
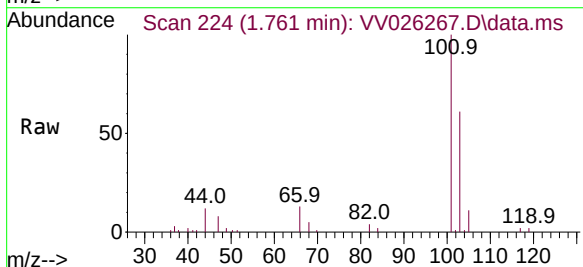
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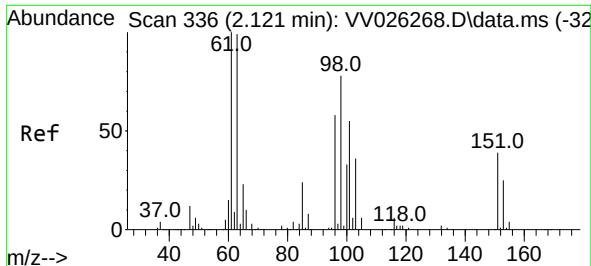
Tgt Ion:101 Resp: 20890

Ion Ratio Lower Upper

101 100

103 63.8 52.3 78.5

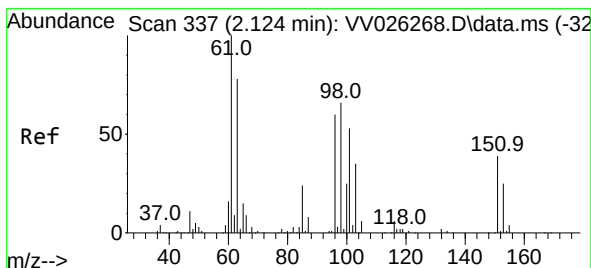
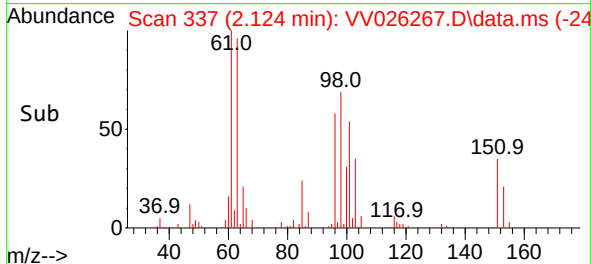
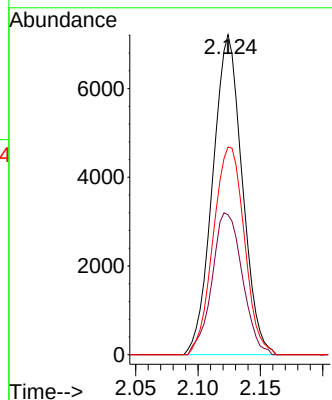
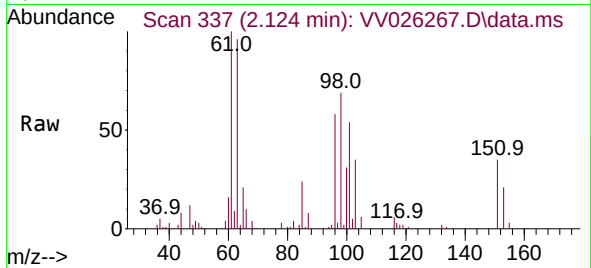




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.833 ug/L
RT: 2.124 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV026267.D
Acq: 15 Jun 2022 10:16

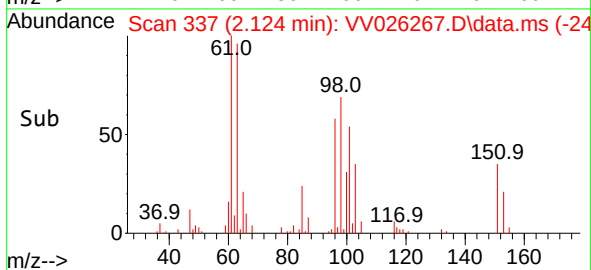
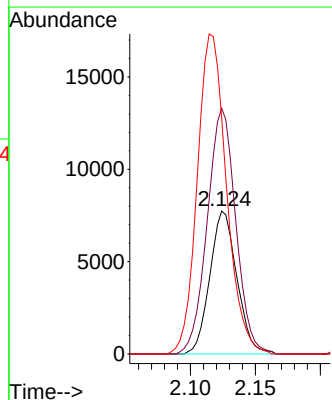
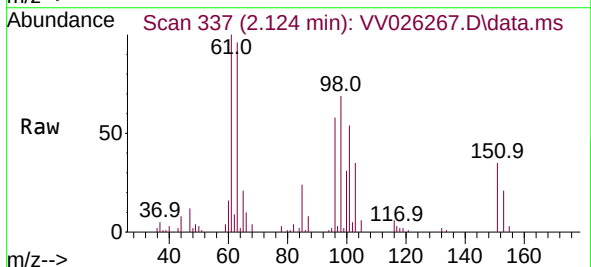
Instrument :
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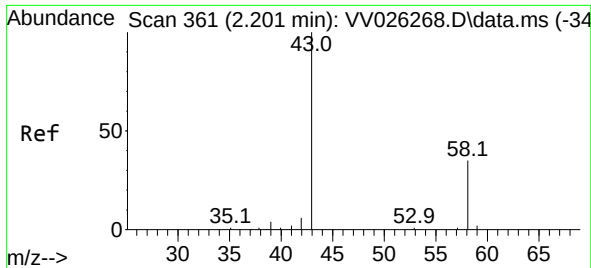
Tgt Ion:101 Resp: 11914
Ion Ratio Lower Upper
101 100
85 45.5 35.3 52.9
151 68.3 56.8 85.2



#12
1,1-Dichloroethene
Concen: 0.827 ug/L
RT: 2.124 min Scan# 337
Delta R.T. 0.000 min
Lab File: VV026267.D
Acq: 15 Jun 2022 10:16

Tgt Ion: 96 Resp: 11177
Ion Ratio Lower Upper
96 100
61 172.1 117.1 217.5
63 165.7 92.8 172.4





#13

Acetone

Concen: 8.490 ug/L

RT: 2.201 min Scan# 3

Delta R.T. 0.000 min

Lab File: VV026267.D

Acq: 15 Jun 2022 10:16

Instrument :

MSVOA_V

ClientSampleId :

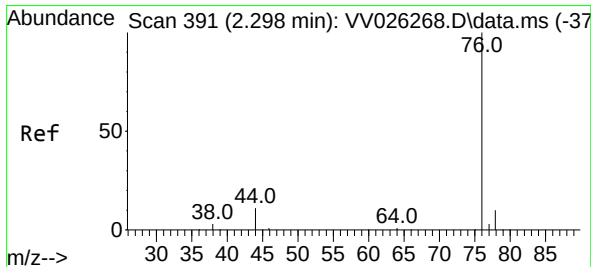
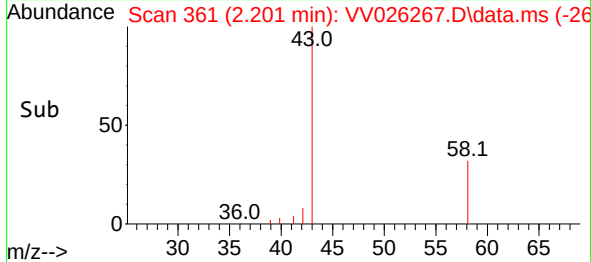
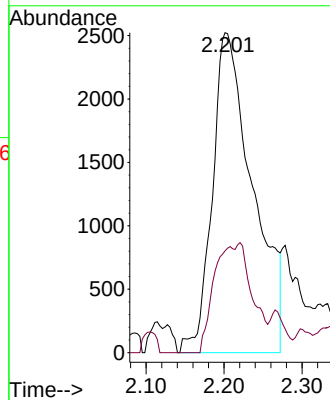
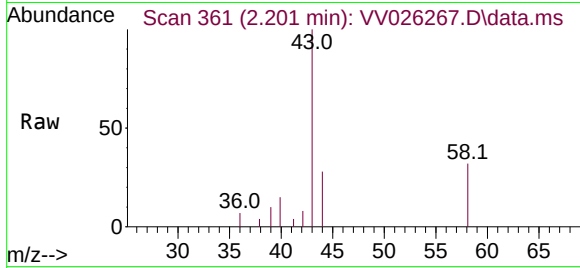
VSTD001268

Tgt Ion: 43 Resp: 9102

Ion Ratio Lower Upper

43 100

58 18.0 0.0 60.0



#14

Carbon disulfide

Concen: 0.794 ug/L

RT: 2.301 min Scan# 392

Delta R.T. 0.003 min

Lab File: VV026267.D

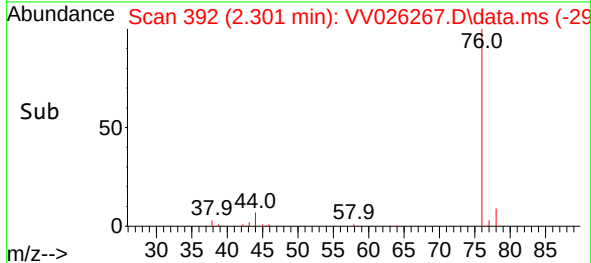
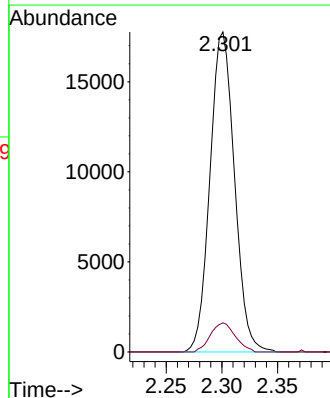
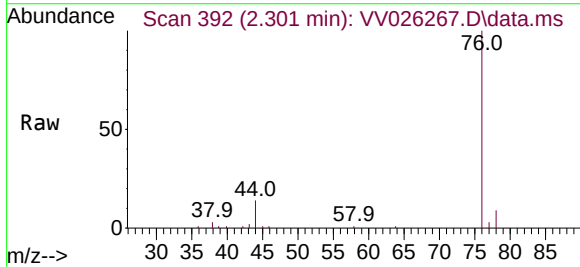
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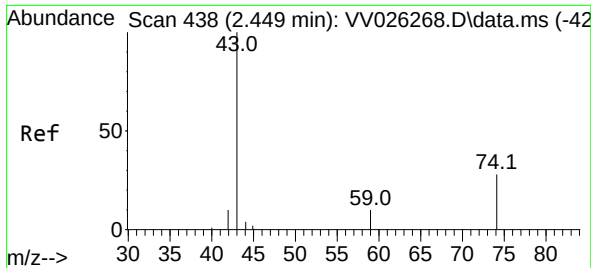
Tgt Ion: 76 Resp: 27198

Ion Ratio Lower Upper

76 100

78 9.1 7.7 11.5

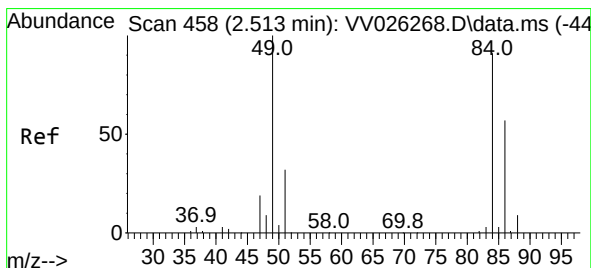
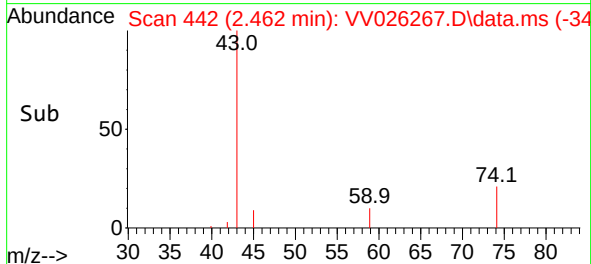
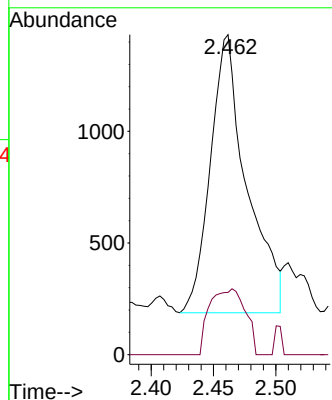
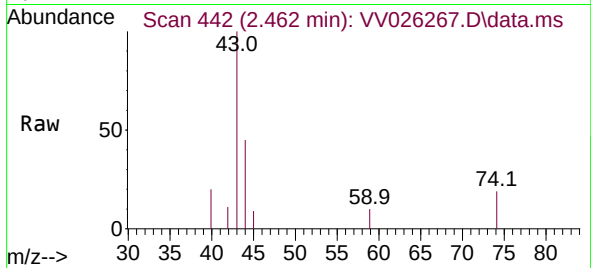




#15
Methyl Acetate
Concen: 0.849 ug/L
RT: 2.462 min Scan# 441
Delta R.T. 0.013 min
Lab File: VV026267.D
Acq: 15 Jun 2022 10:16

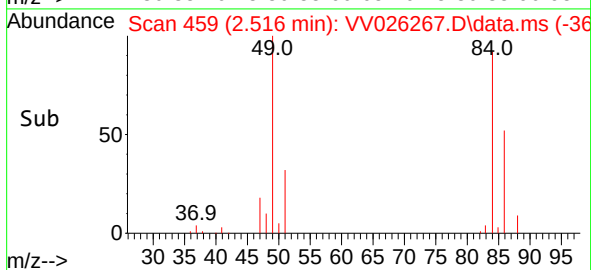
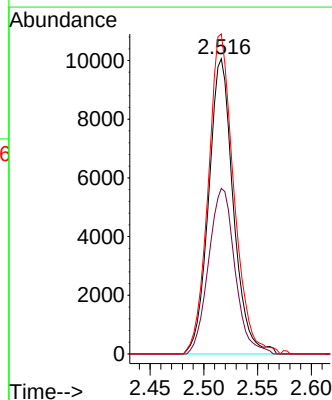
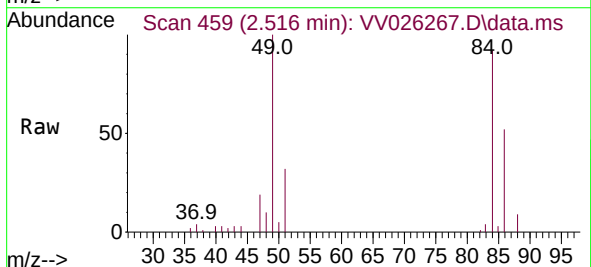
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MSVOA_V
ClientSampleId :
VSTD001268

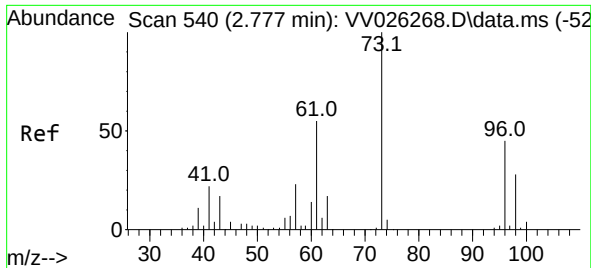
Tgt Ion: 43 Resp: 2525
Ion Ratio Lower Upper
43 100
74 23.3 21.4 32.0



#16
Methylene chloride
Concen: 1.131 ug/L
RT: 2.516 min Scan# 459
Delta R.T. 0.003 min
Lab File: VV026267.D
Acq: 15 Jun 2022 10:16

Tgt Ion: 84 Resp: 16026
Ion Ratio Lower Upper
84 100
86 56.1 44.0 81.8
49 108.4 77.3 143.7

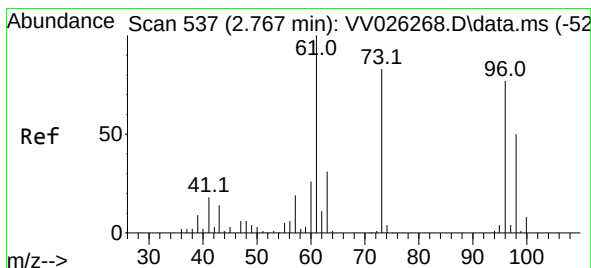
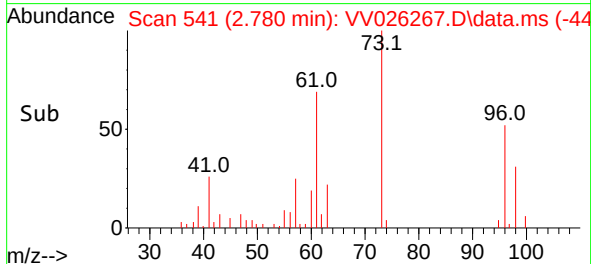
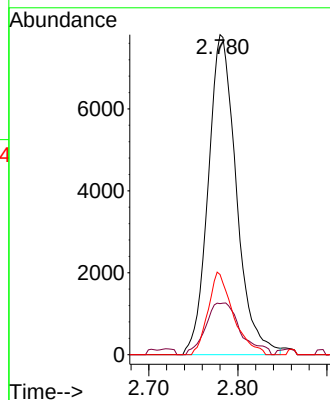
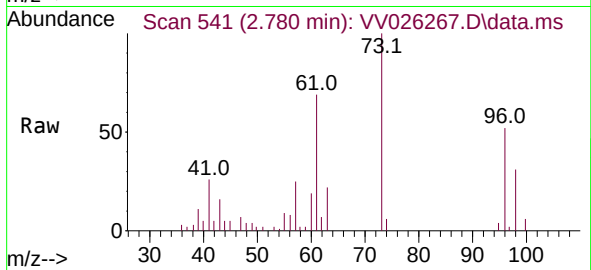




#17
Methyl tert-butyl Ether
Concen: 0.766 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.003 min
Lab File: VV026267.D
Acq: 15 Jun 2022 10:16

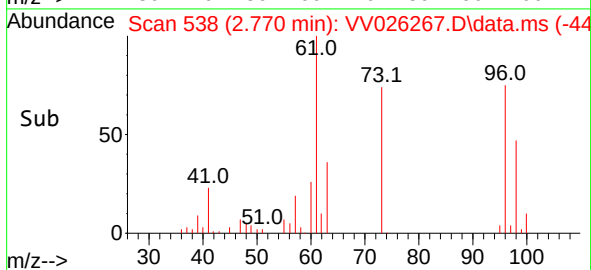
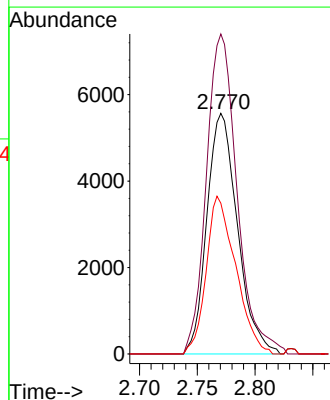
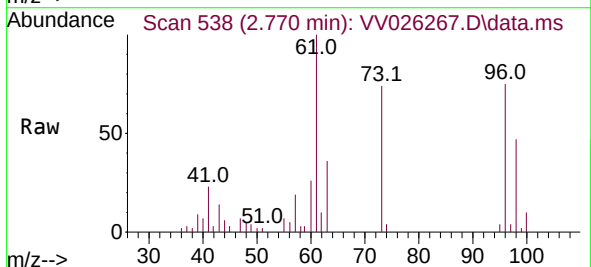
Instrument :
MSVOA_V
ClientSampleId :
VSTD001268

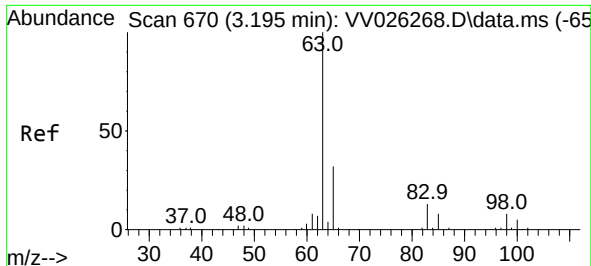
Tgt Ion: 73 Resp: 17147
Ion Ratio Lower Upper
73 100
43 19.9 13.0 19.6#
57 23.0 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 0.790 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV026267.D
Acq: 15 Jun 2022 10:16

Tgt Ion: 96 Resp: 10262
Ion Ratio Lower Upper
96 100
61 133.0 91.3 169.6
98 62.6 45.3 84.1





#19

1,1-Dichloroethane

Concen: 0.782 ug/L

RT: 3.198 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV026267.D

Acq: 15 Jun 2022 10:16

Instrument :

MSVOA_V

ClientSampleId :

VSTD001268

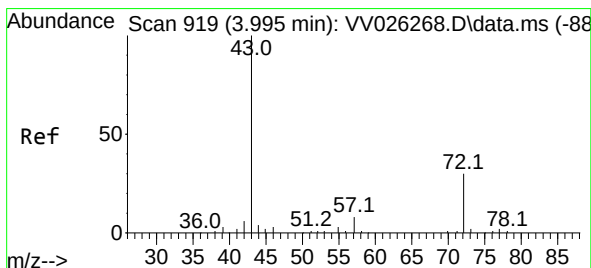
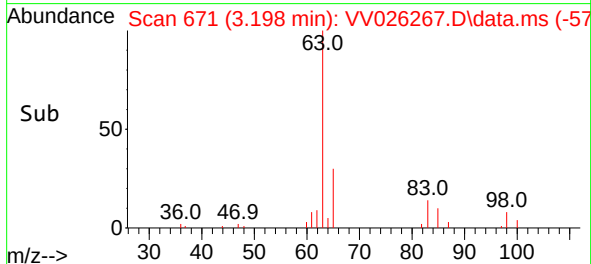
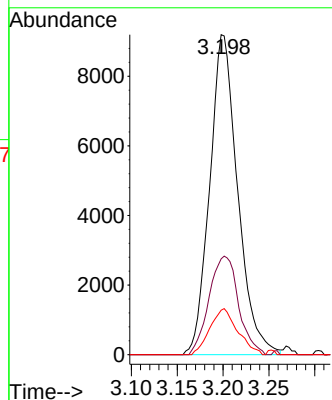
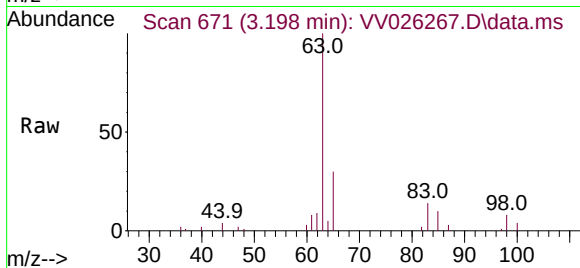
Tgt Ion: 63 Resp: 19508

Ion Ratio Lower Upper

63 100

65 30.0 22.3 41.3

83 13.9 8.9 16.5



#21

2-Butanone

Concen: 6.447 ug/L

RT: 4.037 min Scan# 932

Delta R.T. 0.042 min

Lab File: VV026267.D

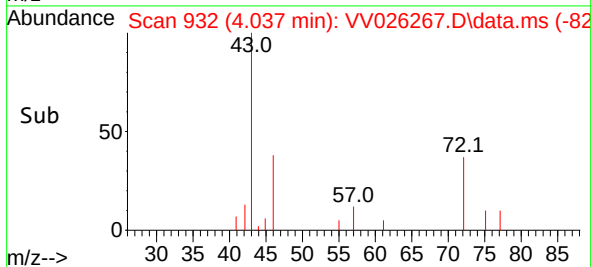
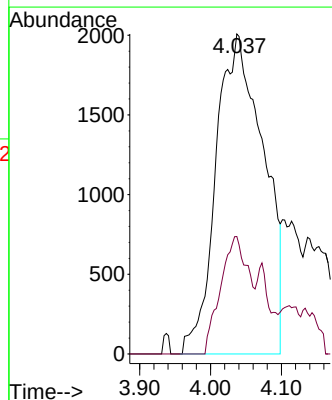
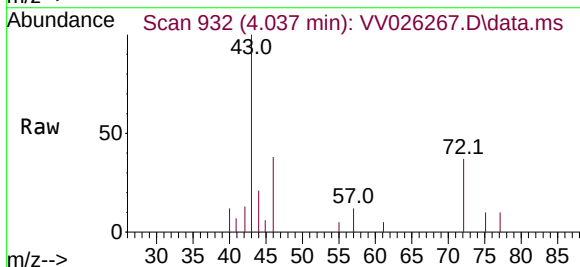
Acq: 15 Jun 2022 10:16

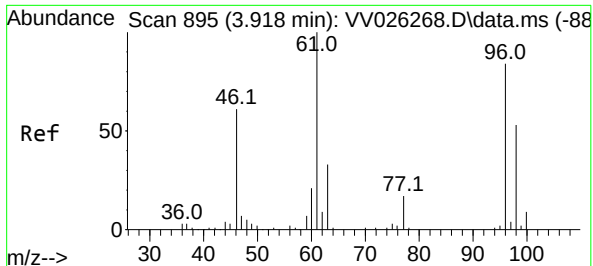
Tgt Ion: 43 Resp: 9328

Ion Ratio Lower Upper

43 100

72 22.0 12.7 38.0





#22

cis-1,2-Dichloroethene

Concen: 0.745 ug/L

RT: 3.931 min Scan# 895

Delta R.T. 0.013 min

Lab File: VV026267.D

Acq: 15 Jun 2022 10:16

Instrument :

MSVOA_V

ClientSampleId :

VSTD001268

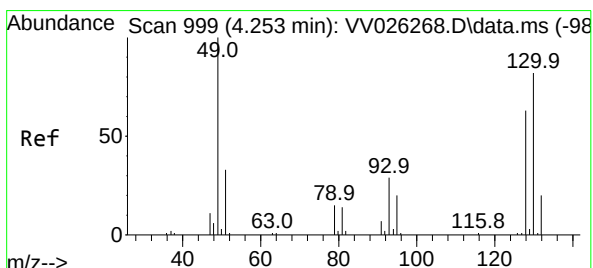
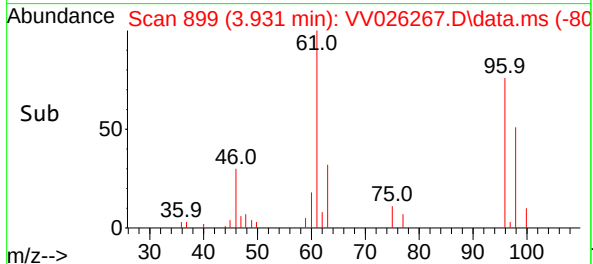
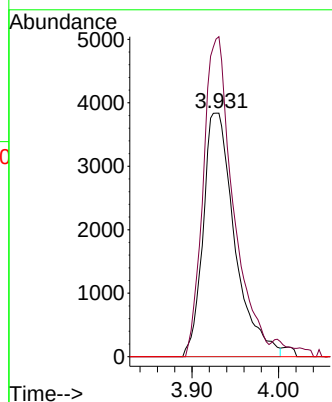
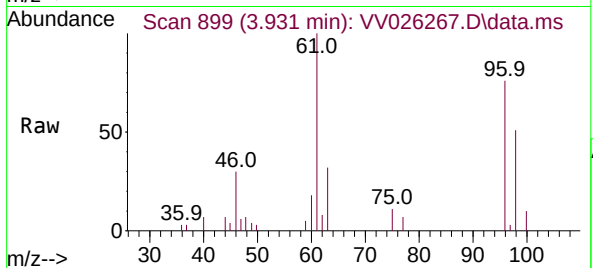
Tgt Ion: 96 Resp: 9725

Ion Ratio Lower Upper

96 100

61 131.4 83.6 155.2

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 0.820 ug/L

RT: 4.265 min Scan# 1003

Delta R.T. 0.013 min

Lab File: VV026267.D

Acq: 15 Jun 2022 10:16

Tgt Ion: 128 Resp: 4518

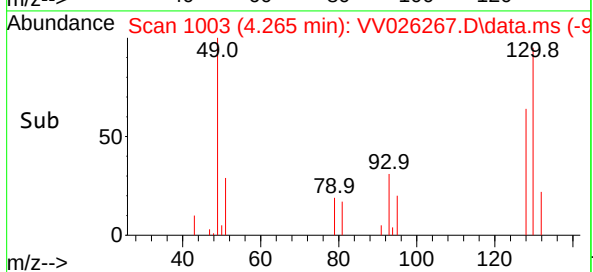
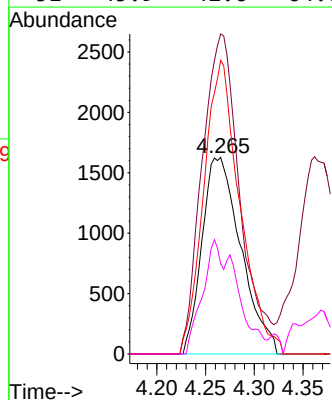
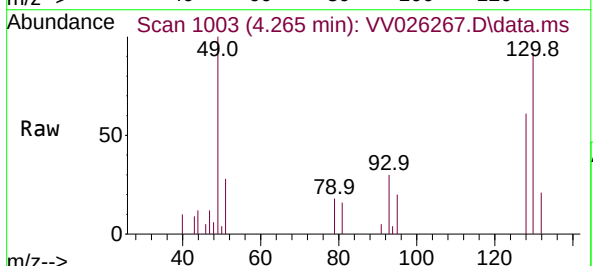
Ion Ratio Lower Upper

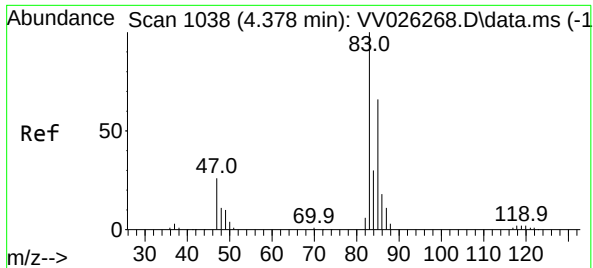
128 100

49 162.8 111.6 207.2

130 149.4 91.1 169.1

51 45.9 42.6 64.0





#25

Chloroform

Concen: 0.853 ug/L

RT: 4.384 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VV026267.D

Acq: 15 Jun 2022 10:16

Instrument :

MSVOA_V

ClientSampleId :

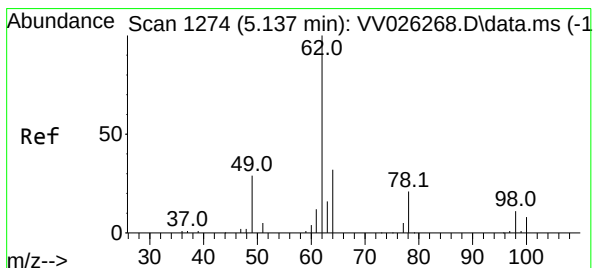
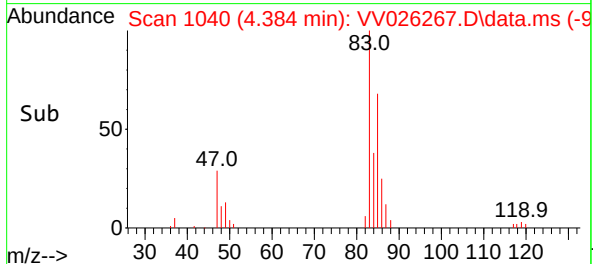
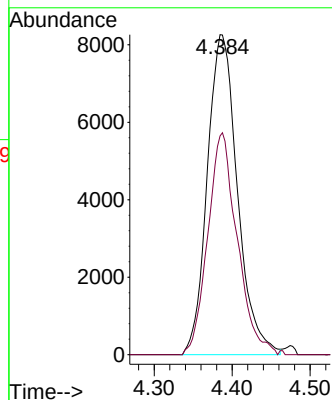
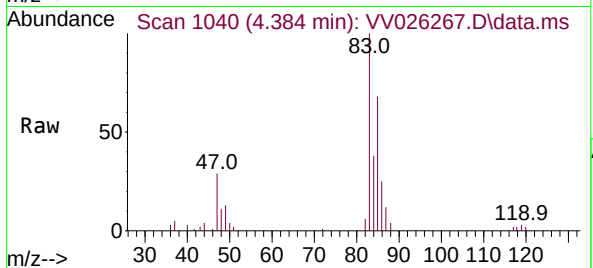
VSTD001268

Tgt Ion: 83 Resp: 22245

Ion Ratio Lower Upper

83 100

85 68.4 46.5 86.3



#27

1,2-Dichloroethane

Concen: 0.826 ug/L

RT: 5.146 min Scan# 1277

Delta R.T. 0.010 min

Lab File: VV026267.D

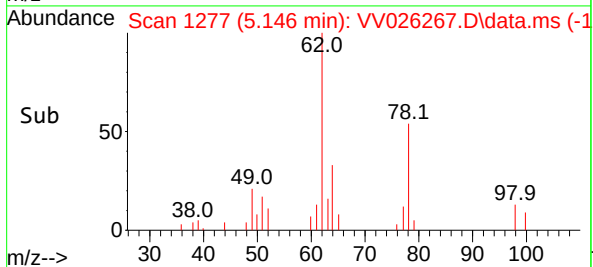
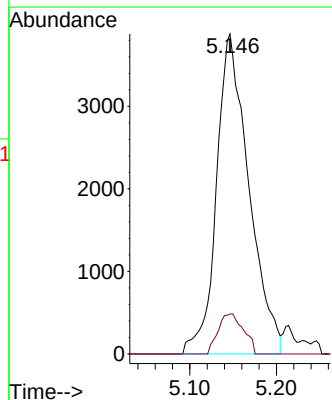
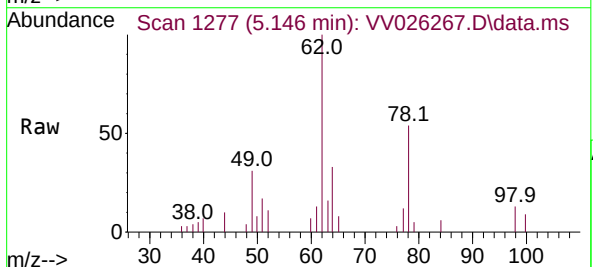
Acq: 15 Jun 2022 10:16

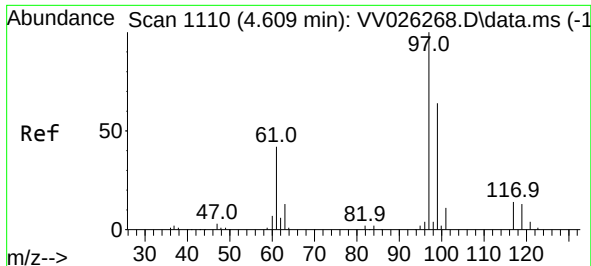
Tgt Ion: 62 Resp: 10068

Ion Ratio Lower Upper

62 100

98 12.5 8.6 13.0

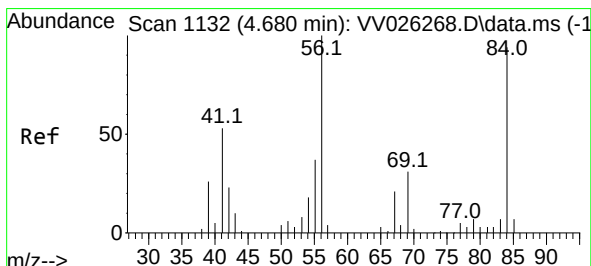
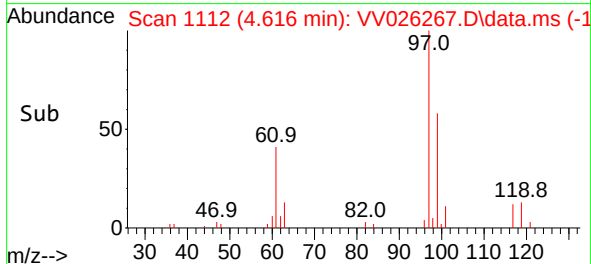
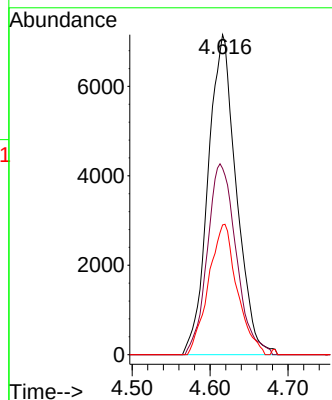
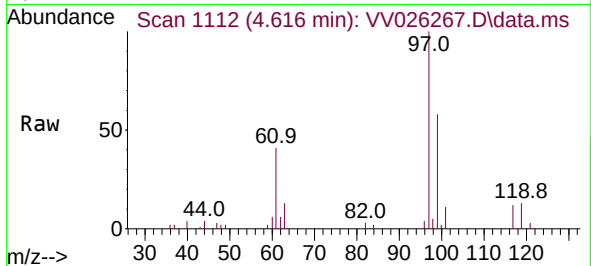




#29
1,1,1-Trichloroethane
Concen: 0.810 ug/L
RT: 4.616 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VV026267.D
Acq: 15 Jun 2022 10:16

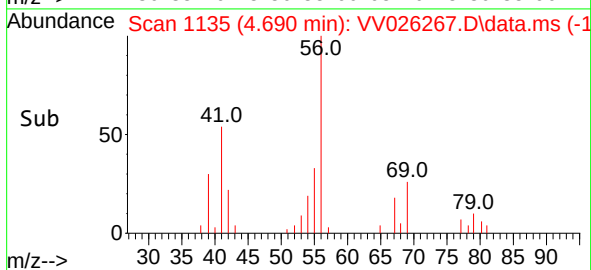
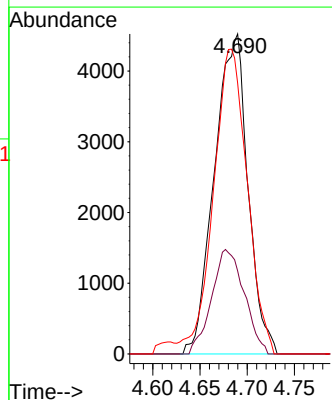
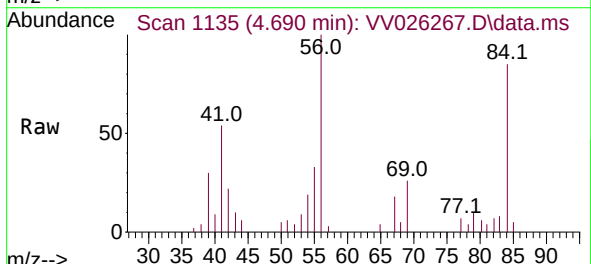
Instrument :
MSVOA_V
ClientSampleId :
VSTD001268

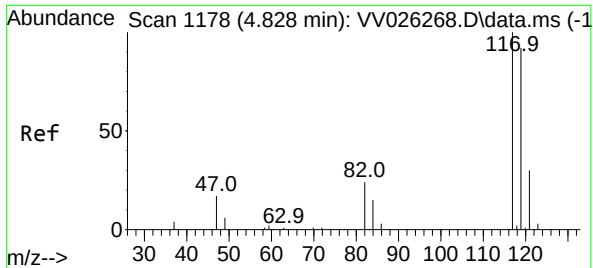
Tgt Ion: 97	Resp: 18057
Ion Ratio	Lower Upper
97 100	
99 61.0	50.3 75.5
61 41.2	33.4 50.0



#30
Cyclohexane
Concen: 0.651 ug/L
RT: 4.690 min Scan# 1135
Delta R.T. 0.010 min
Lab File: VV026267.D
Acq: 15 Jun 2022 10:16

Tgt Ion: 56	Resp: 11138
Ion Ratio	Lower Upper
56 100	
69 31.8	24.9 37.3
84 96.1	76.4 114.6

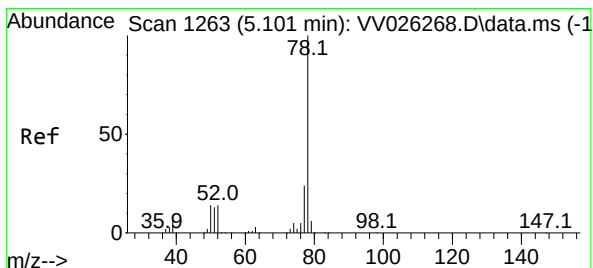
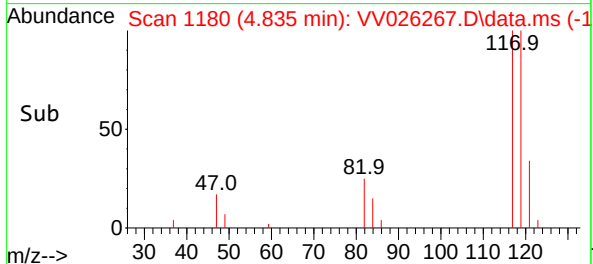
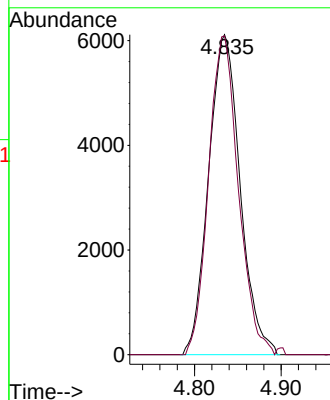
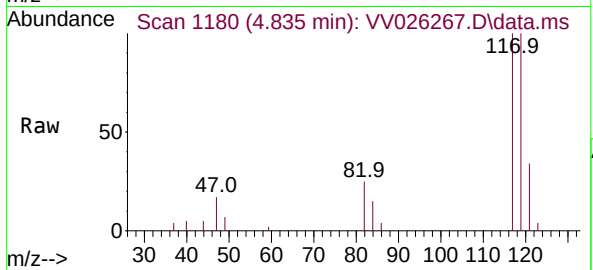




#31
Carbon tetrachloride
Concen: 0.853 ug/L
RT: 4.835 min Scan# 1178
Delta R.T. 0.006 min
Lab File: VV026267.D
Acq: 15 Jun 2022 10:16

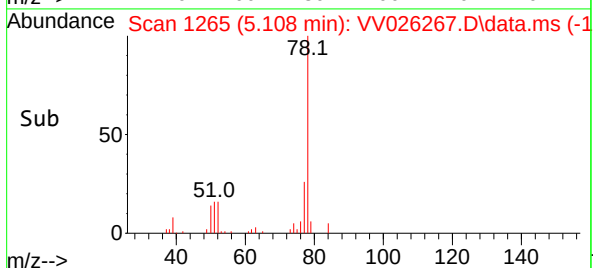
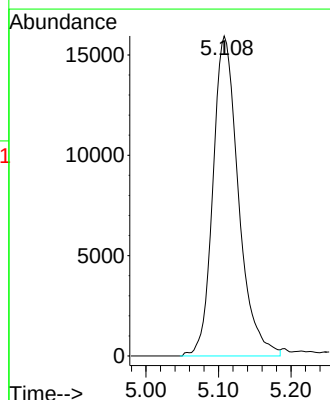
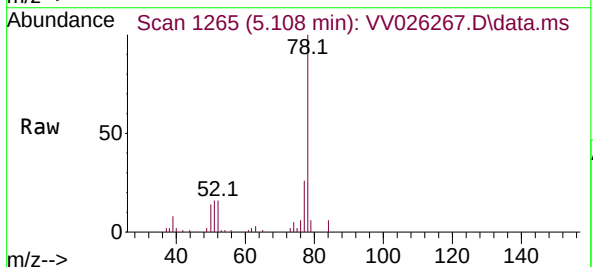
Instrument :
MSVOA_V
ClientSampleId :
VSTD001268

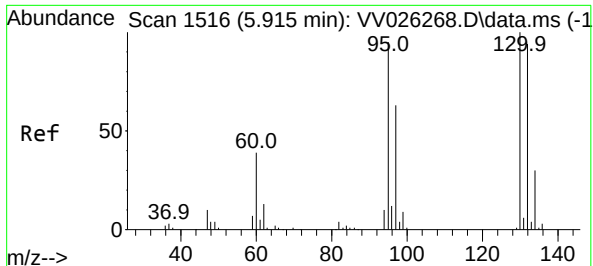
Tgt Ion:117 Resp: 15490
Ion Ratio Lower Upper
117 100
119 94.1 76.2 114.4



#33
Benzene
Concen: 0.765 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VV026267.D
Acq: 15 Jun 2022 10:16

Tgt Ion: 78 Resp: 39000



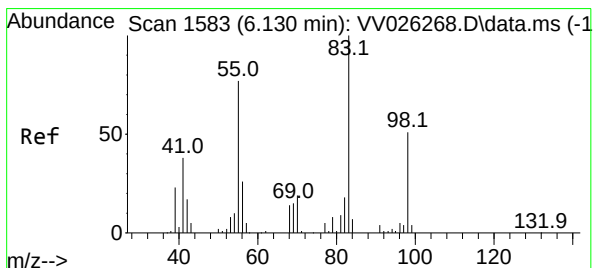
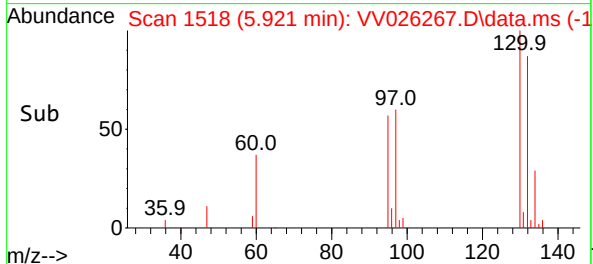
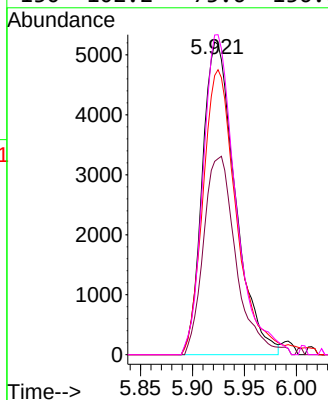
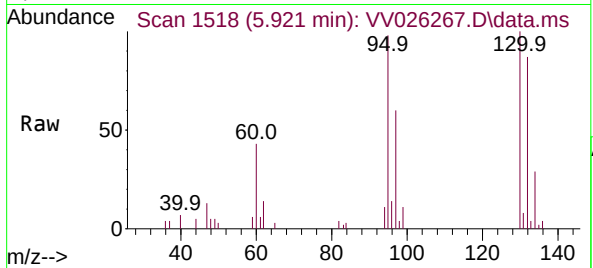


#34
Trichloroethene
Concen: 0.823 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026267.D
Acq: 15 Jun 2022 10:16

Instrument :
MSVOA_V
ClientSampleId :
VSTD001268

Tgt Ion: 95 Resp: 11463

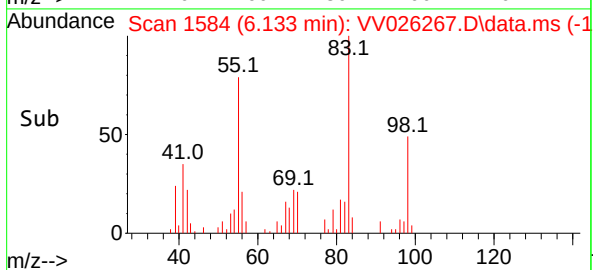
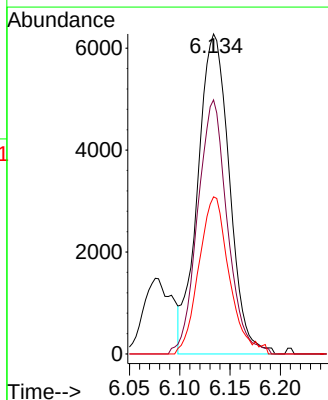
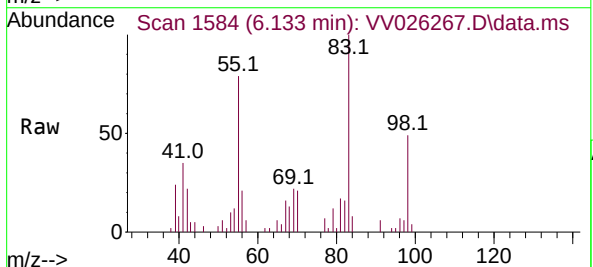
Ion	Ratio	Lower	Upper
95	100		
97	61.8	46.5	86.3
132	89.3	68.8	127.8
130	102.2	73.6	136.6

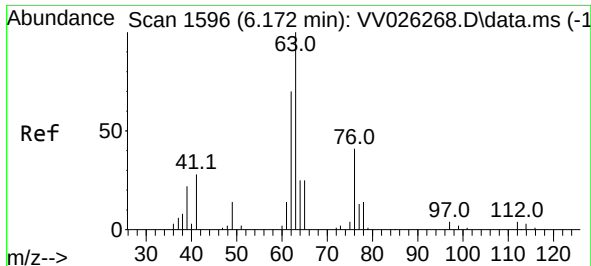


#35
Methylcyclohexane
Concen: 0.727 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV026267.D
Acq: 15 Jun 2022 10:16

Tgt Ion: 83 Resp: 13742

Ion	Ratio	Lower	Upper
83	100		
55	74.6	59.3	88.9
98	47.2	39.9	59.9





#37

1,2-Dichloropropane

Concen: 0.776 ug/L

RT: 6.182 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV026267.D

Acq: 15 Jun 2022 10:16

Instrument :

MSVOA_V

ClientSampleId :

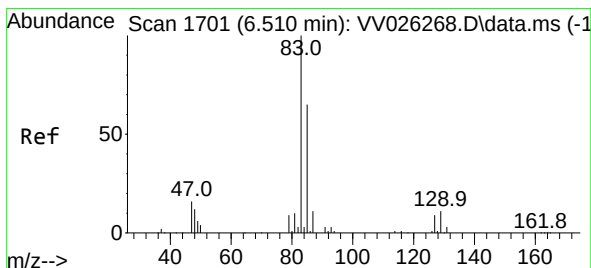
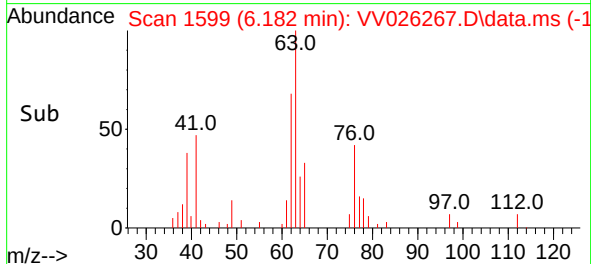
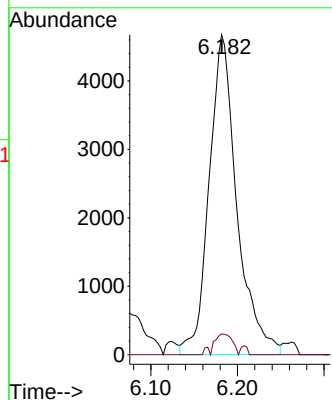
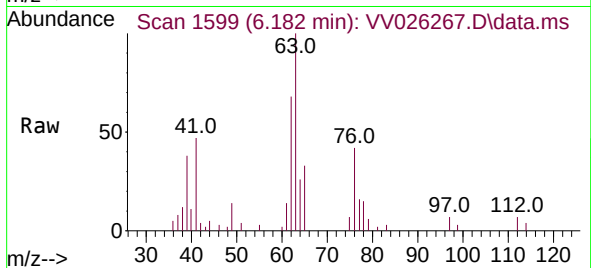
VSTD001268

Tgt Ion: 63 Resp: 10423

Ion Ratio Lower Upper

63 100

112 4.4 3.3 4.9



#38

Bromodichloromethane

Concen: 0.845 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VV026267.D

Acq: 15 Jun 2022 10:16

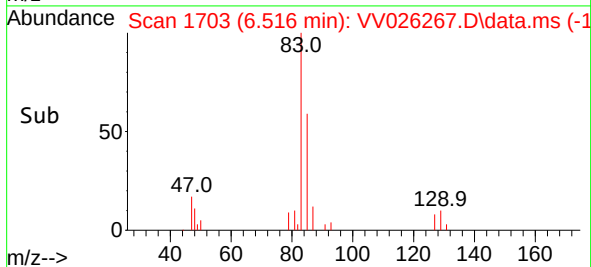
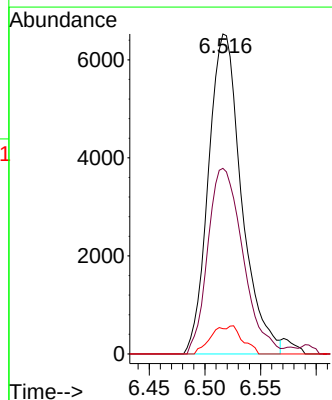
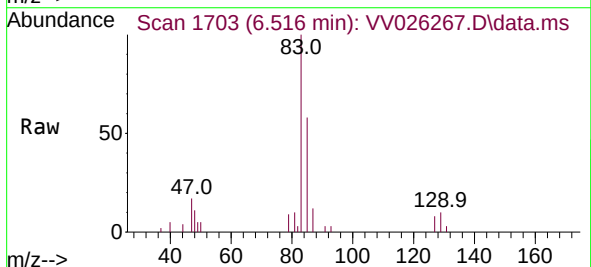
Tgt Ion: 83 Resp: 13484

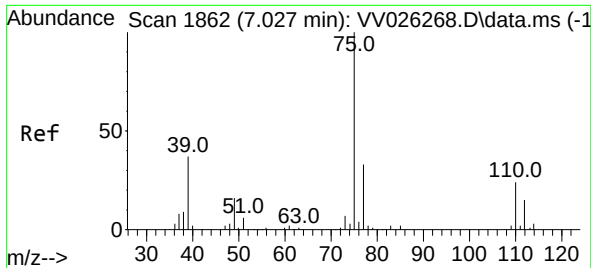
Ion Ratio Lower Upper

83 100

85 58.0 45.6 84.6

127 7.9 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 0.667 ug/L

RT: 7.040 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV026267.D

Acq: 15 Jun 2022 10:16

Instrument :

MSVOA_V

ClientSampleId :

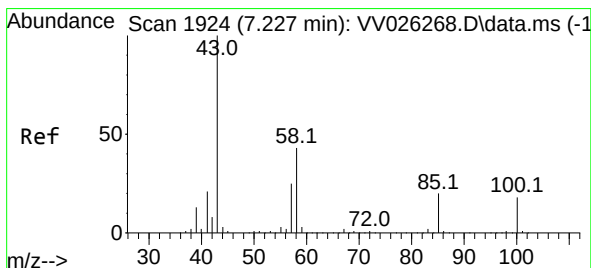
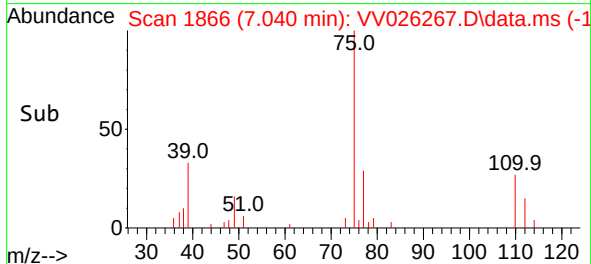
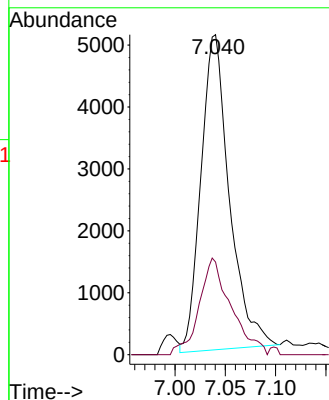
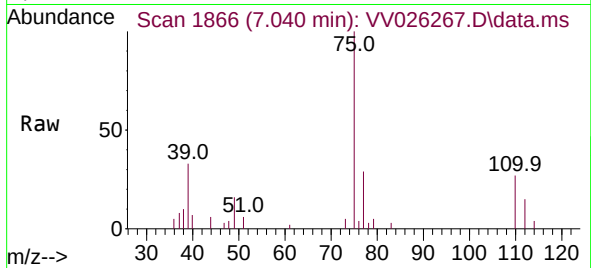
VSTD001268

Tgt Ion: 75 Resp: 10023

Ion Ratio Lower Upper

75 100

77 28.9 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 6.608 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.006 min

Lab File: VV026267.D

Acq: 15 Jun 2022 10:16

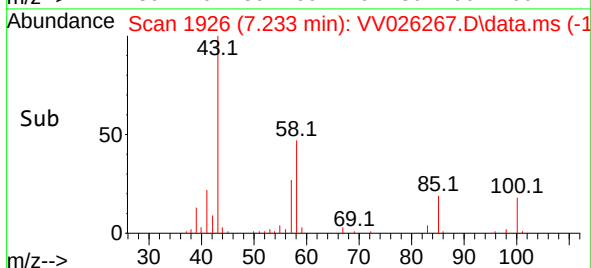
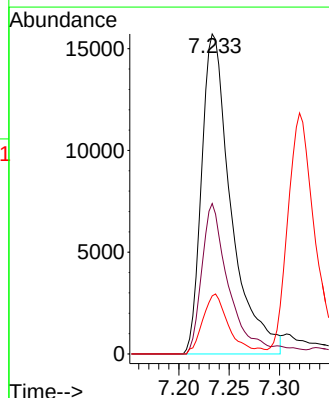
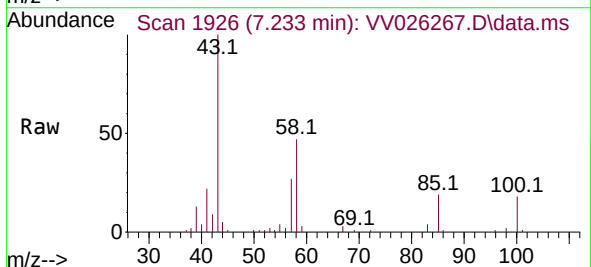
Tgt Ion: 43 Resp: 32049

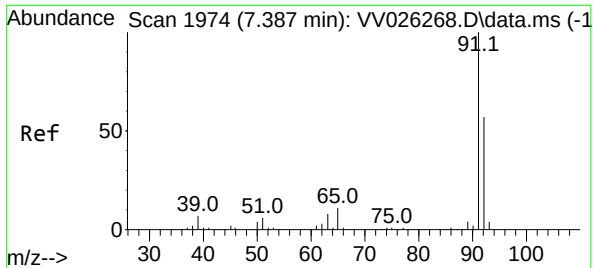
Ion Ratio Lower Upper

43 100

58 42.2 33.3 49.9

100 16.9 13.4 20.2





#42

Toluene

Concen: 0.715 ug/L

RT: 7.394 min Scan# 1974

Delta R.T. 0.006 min

Lab File: VV026267.D

Acq: 15 Jun 2022 10:16

Instrument :

MSVOA_V

ClientSampleId :

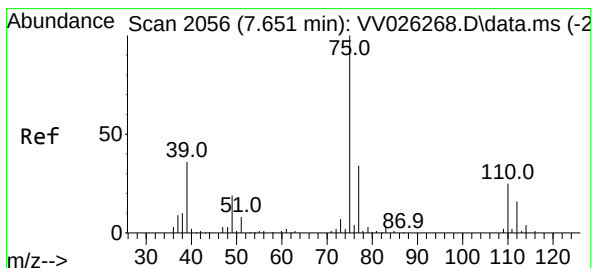
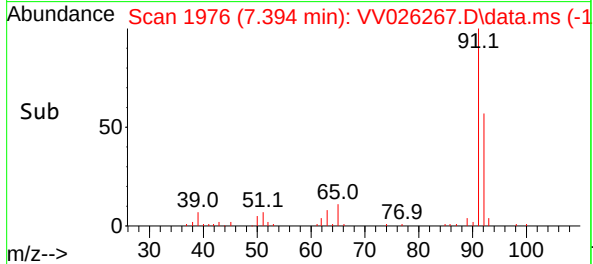
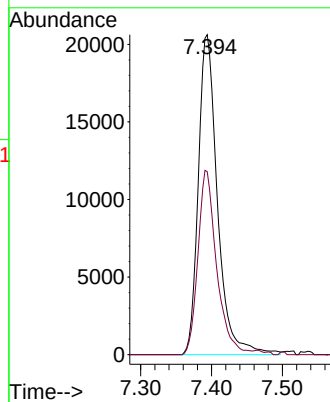
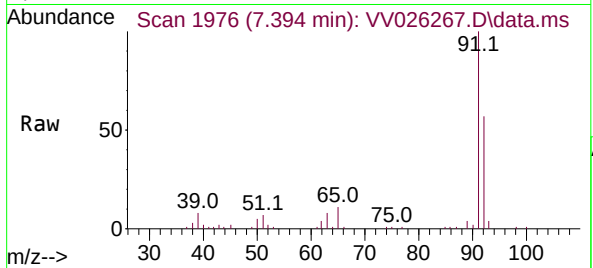
VSTD001268

Tgt Ion: 91 Resp: 38799

Ion Ratio Lower Upper

91 100

92 57.2 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 0.721 ug/L

RT: 7.661 min Scan# 2059

Delta R.T. 0.010 min

Lab File: VV026267.D

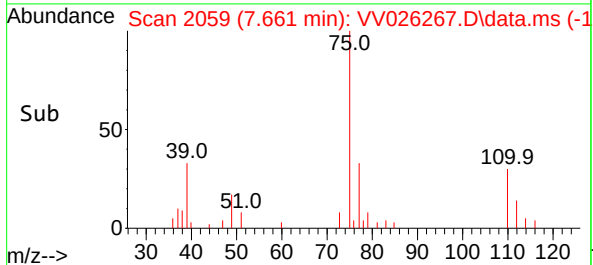
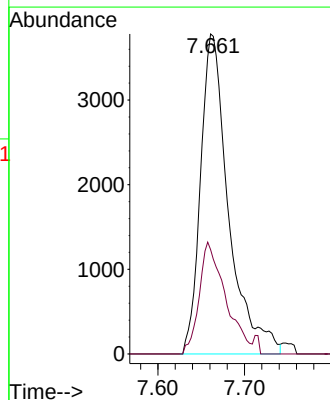
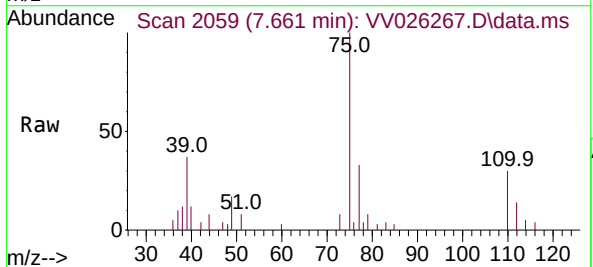
Acq: 15 Jun 2022 10:16

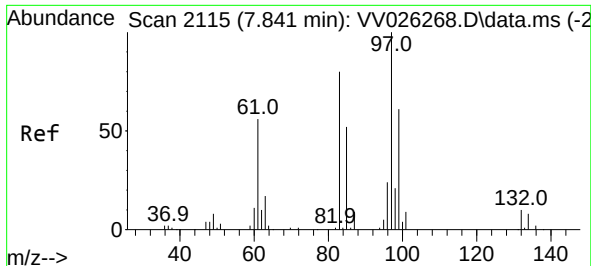
Tgt Ion: 75 Resp: 8502

Ion Ratio Lower Upper

75 100

77 32.6 23.7 43.9

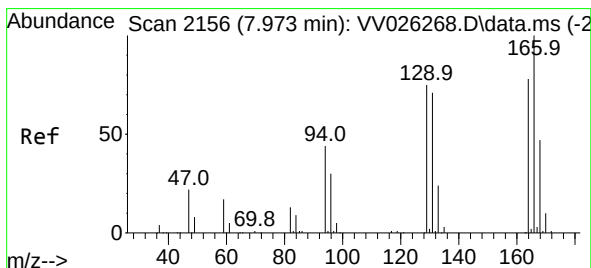
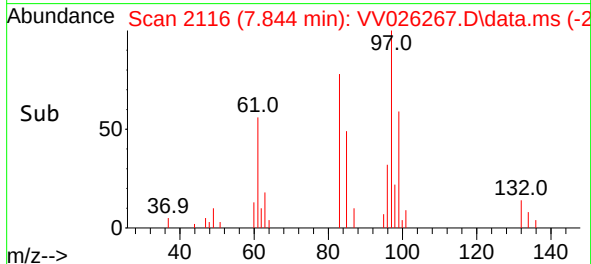
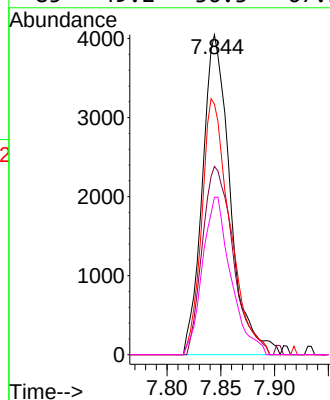
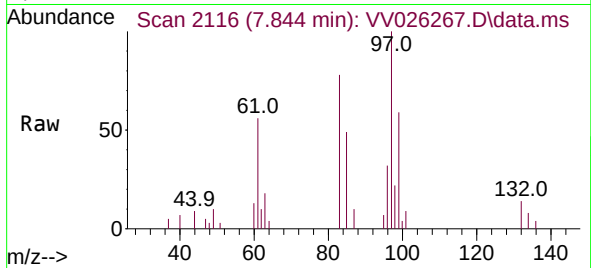




#45
1,1,2-Trichloroethane
Concen: 0.858 ug/L
RT: 7.844 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV026267.D
Acq: 15 Jun 2022 10:16

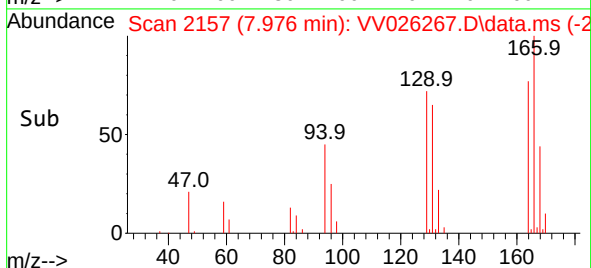
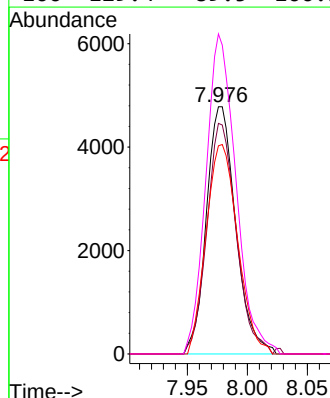
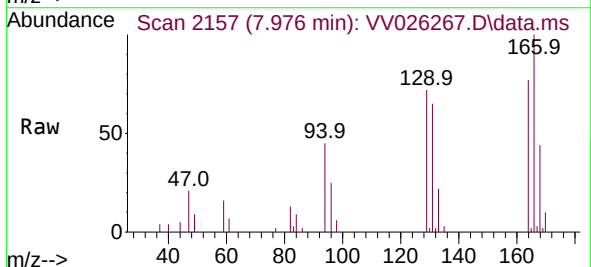
Instrument :
MSVOA_V
ClientSampleId :
VSTD001268

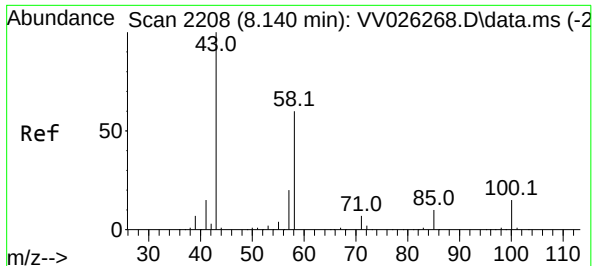
Tgt Ion: 97	Resp:	7269	
Ion	Ratio	Lower	Upper
97	100		
99	58.9	42.4	78.6
83	78.3	56.1	104.1
85	49.2	36.3	67.5



#47
Tetrachloroethene
Concen: 0.807 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV026267.D
Acq: 15 Jun 2022 10:16

Tgt	Ion:164	Resp:	8131
Ion	Ratio	Lower	Upper
164	100		
129	93.3	67.5	125.3
131	84.2	63.8	118.4
166	129.4	89.5	166.3

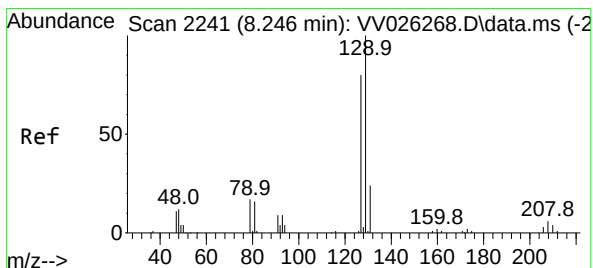
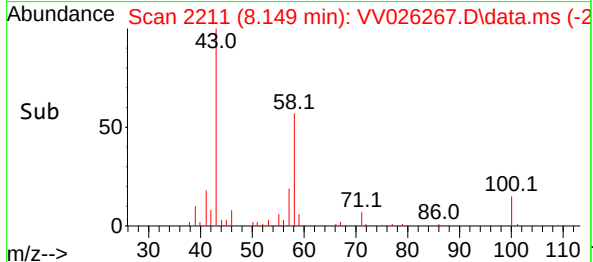
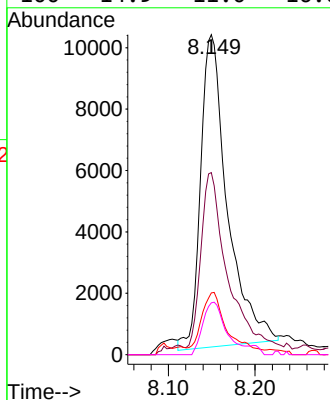
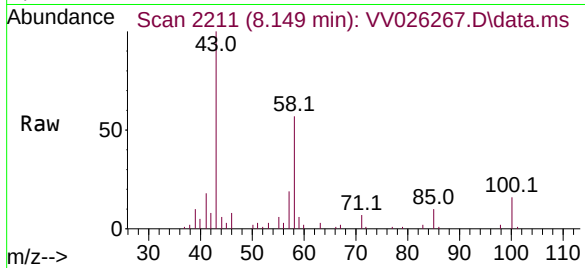




#48
2-Hexanone
Concen: 6.419 ug/L
RT: 8.149 min Scan# 2111
Delta R.T. 0.010 min
Lab File: VV026267.D
Acq: 15 Jun 2022 10:16

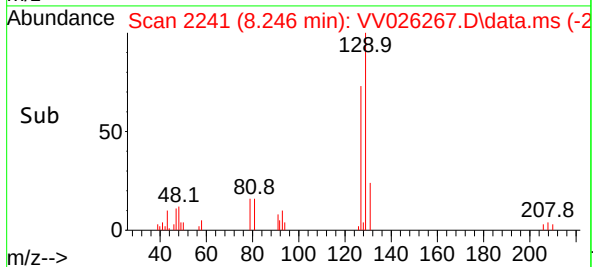
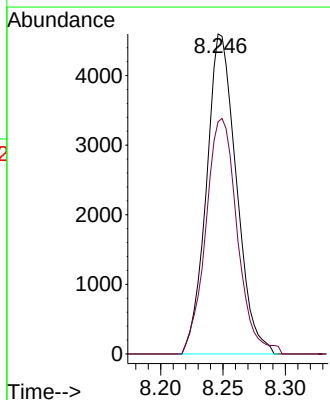
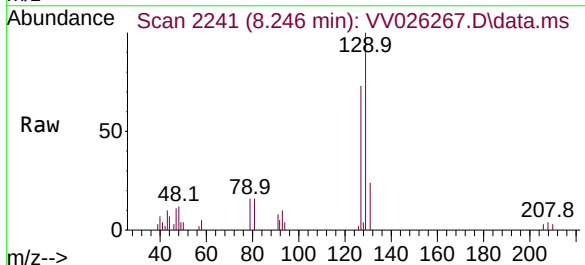
Instrument :
MSVOA_V
ClientSampleId :
VSTD001268

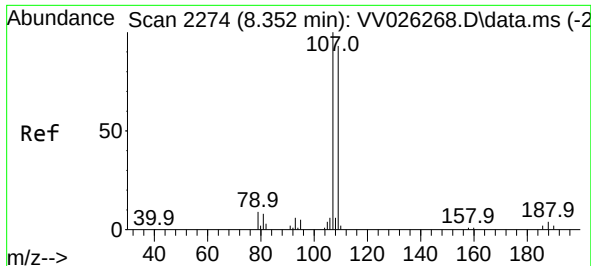
Tgt Ion: 43 Resp: 21857
Ion Ratio Lower Upper
43 100
58 53.8 48.7 73.1
57 17.1 16.0 24.0
100 14.9 11.0 16.6



#49
Dibromochloromethane
Concen: 0.829 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV026267.D
Acq: 15 Jun 2022 10:16

Tgt Ion: 129 Resp: 7683
Ion Ratio Lower Upper
129 100
127 72.6 56.4 104.7





#50

1,2-Dibromoethane

Concen: 0.817 ug/L

RT: 8.362 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV026267.D

Acq: 15 Jun 2022 10:16

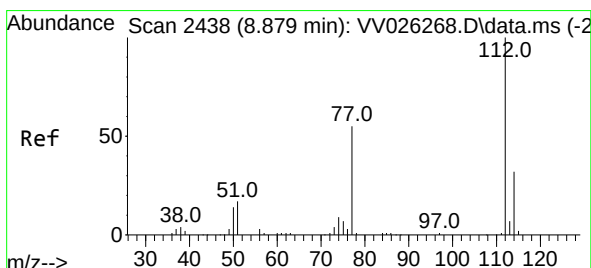
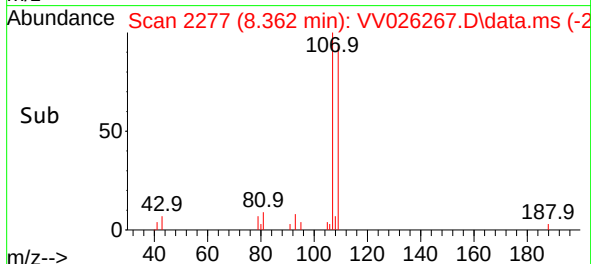
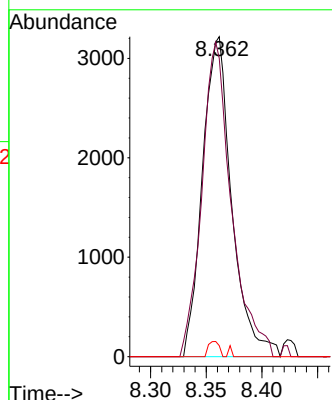
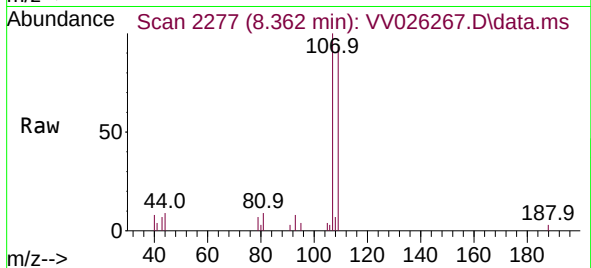
Instrument :

MSVOA_V

ClientSampleId :

VSTD001268

Tgt Ion:107	Resp:	5892
Ion	Ratio	Lower Upper
107	100	
109	93.3	65.2 121.2
188	3.4	2.9 4.3



#51

Chlorobenzene

Concen: 0.792 ug/L

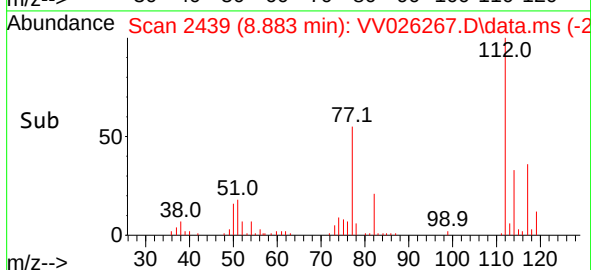
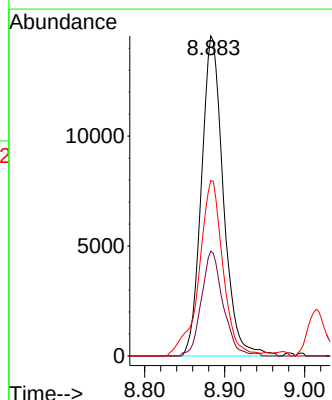
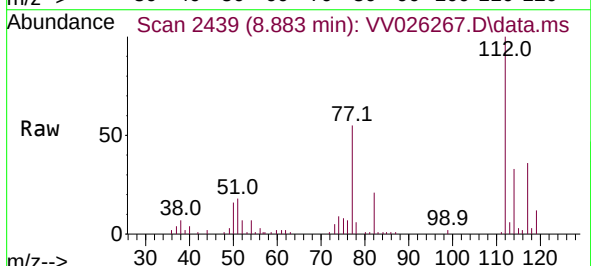
RT: 8.883 min Scan# 2439

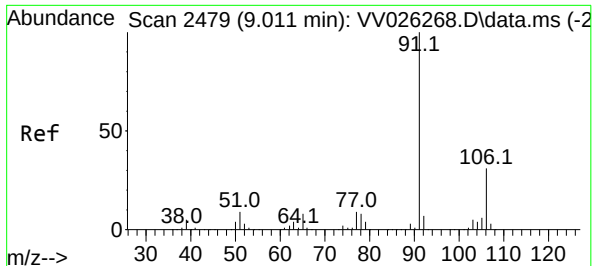
Delta R.T. 0.003 min

Lab File: VV026267.D

Acq: 15 Jun 2022 10:16

Tgt Ion:112	Resp:	27736
Ion	Ratio	Lower Upper
112	100	
114	32.7	22.7 42.3
77	54.8	44.5 66.7





#52

Ethylbenzene

Concen: 0.675 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV026267.D

Acq: 15 Jun 2022 10:16

Instrument :

MSVOA_V

ClientSampleId :

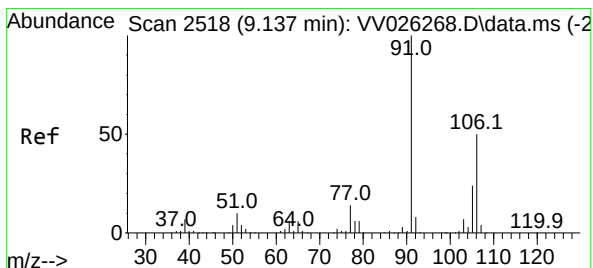
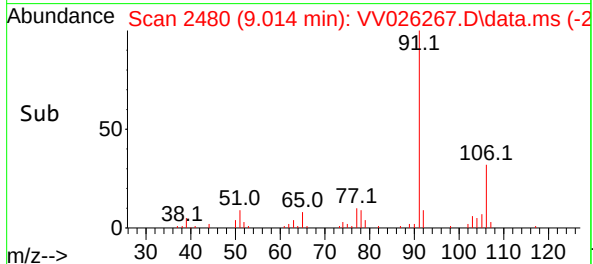
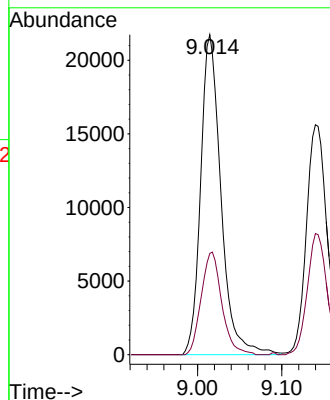
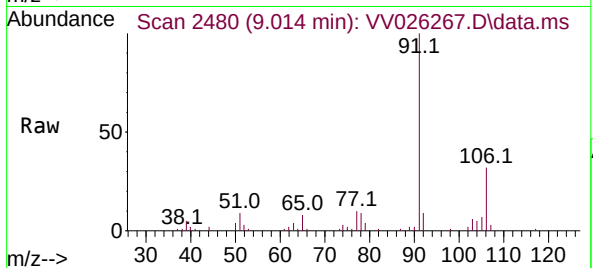
VSTD001268

Tgt Ion: 91 Resp: 36553

Ion Ratio Lower Upper

91 100

106 31.6 21.6 40.0



#53

m,p-Xylene

Concen: 0.682 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV026267.D

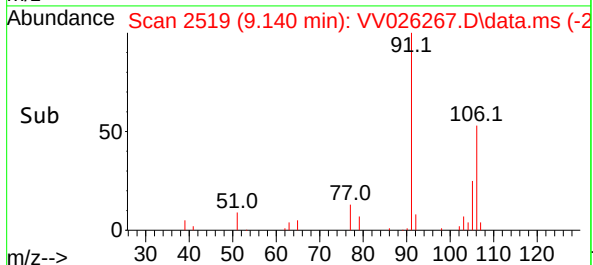
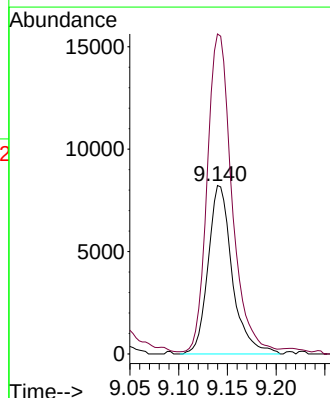
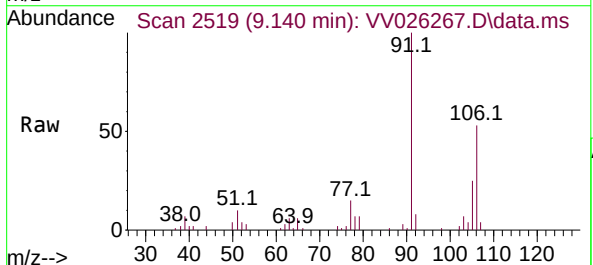
Acq: 15 Jun 2022 10:16

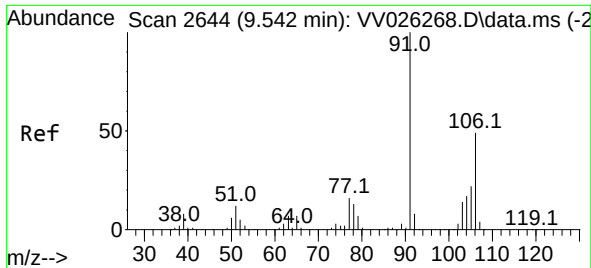
Tgt Ion: 106 Resp: 14173

Ion Ratio Lower Upper

106 100

91 189.9 141.3 262.3

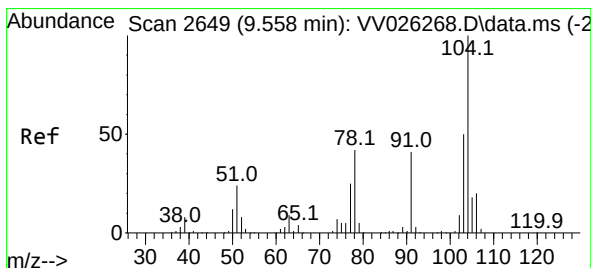
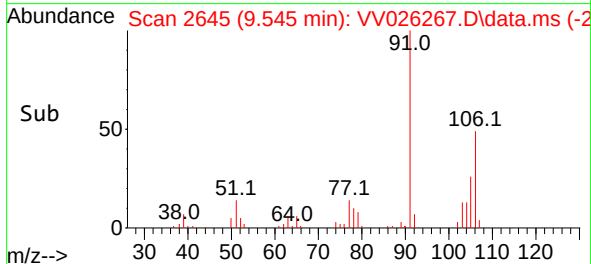
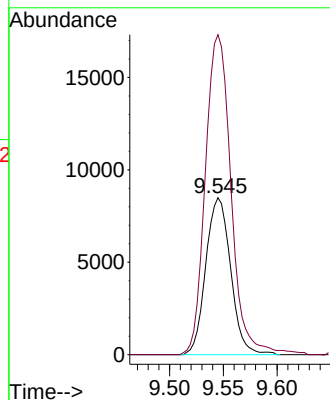
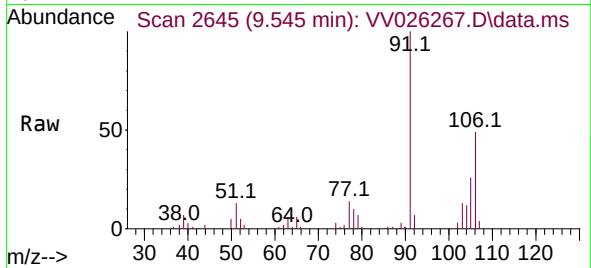




#54
o-Xylene
Concen: 0.677 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV026267.D
Acq: 15 Jun 2022 10:16

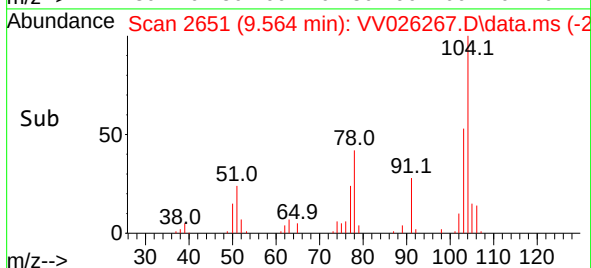
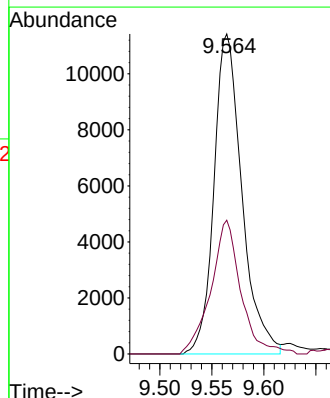
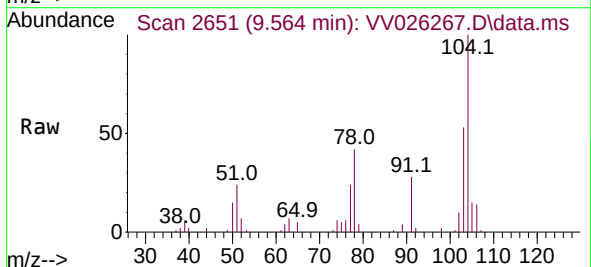
Instrument :
MSVOA_V
ClientSampleId :
VSTD001268

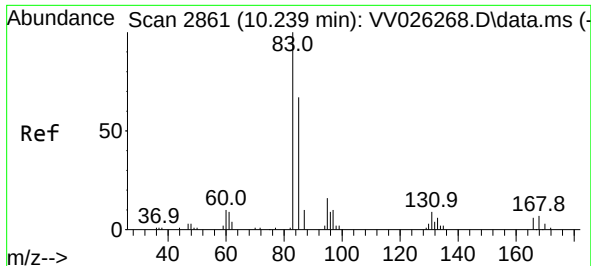
Tgt Ion:106 Resp: 13675
Ion Ratio Lower Upper
106 100
91 203.9 143.3 266.1



#55
Styrene
Concen: 0.642 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.006 min
Lab File: VV026267.D
Acq: 15 Jun 2022 10:16

Tgt Ion:104 Resp: 21359
Ion Ratio Lower Upper
104 100
78 41.8 29.5 54.7





#57

1,1,2,2-Tetrachloroethane

Concen: 0.793 ug/L

RT: 10.243 min Scan# 2862

Delta R.T. 0.003 min

Lab File: VV026267.D

Acq: 15 Jun 2022 10:16

Instrument :

MSVOA_V

ClientSampleId :

VSTD001268

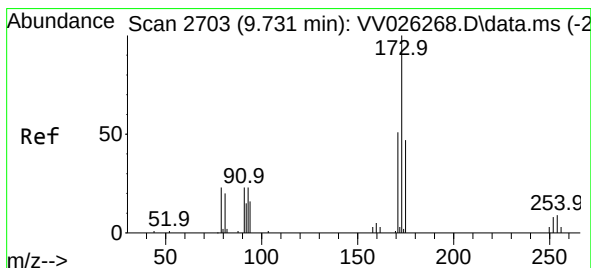
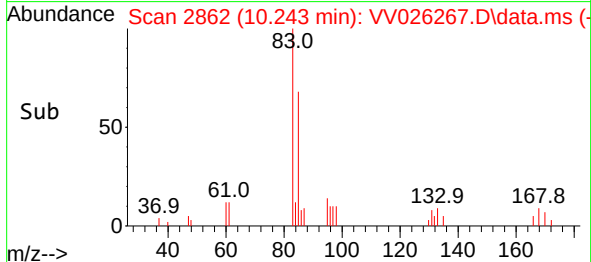
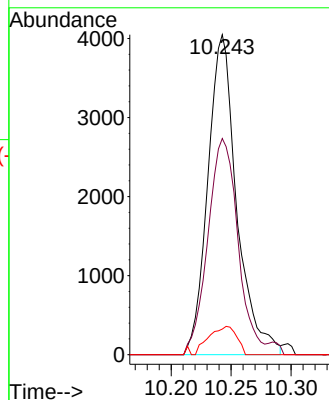
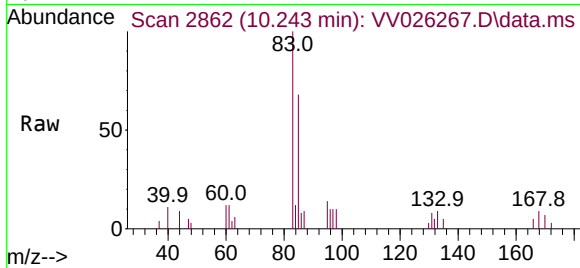
Tgt Ion: 83 Resp: 6778

Ion Ratio Lower Upper

83 100

85 67.6 47.1 87.5

131 8.0 7.7 11.5



#59

Bromoform

Concen: 0.906 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV026267.D

Acq: 15 Jun 2022 10:16

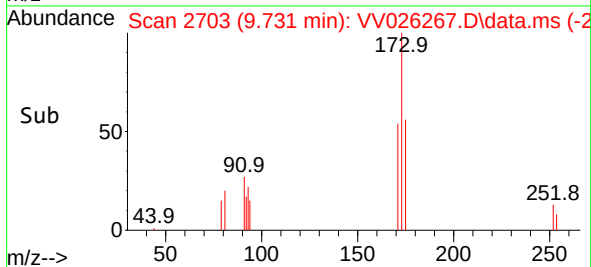
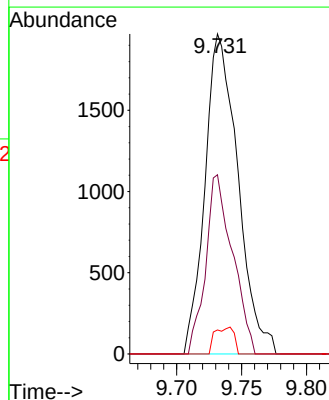
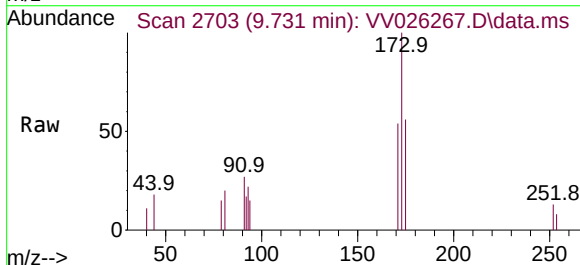
Tgt Ion: 173 Resp: 3469

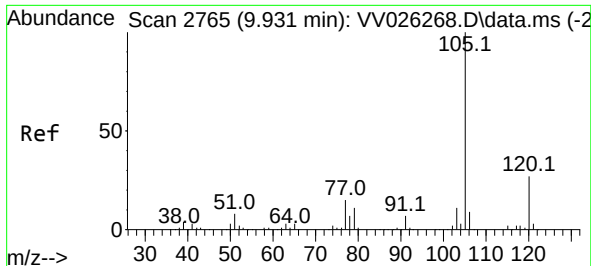
Ion Ratio Lower Upper

173 100

175 45.6 38.3 57.5

254 4.8 6.9 10.3#

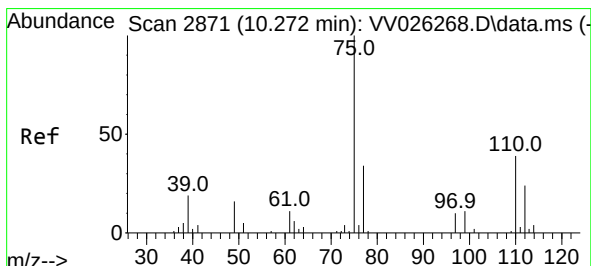
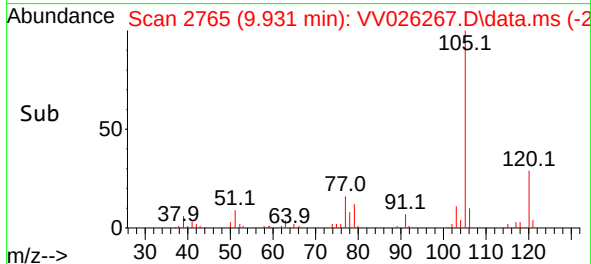
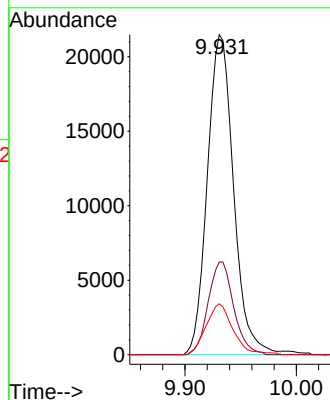
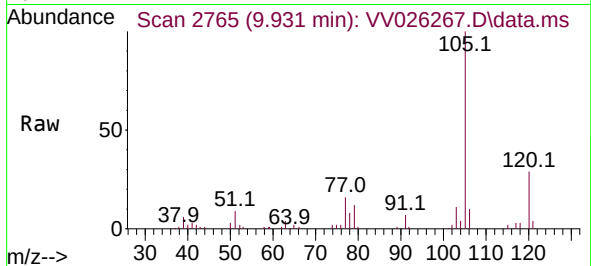




#60
Isopropylbenzene
Concen: 0.685 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026267.D
Acq: 15 Jun 2022 10:16

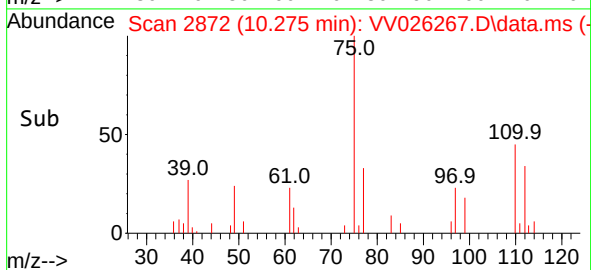
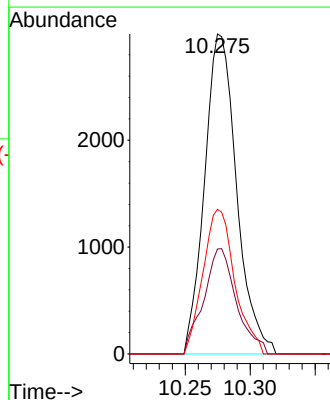
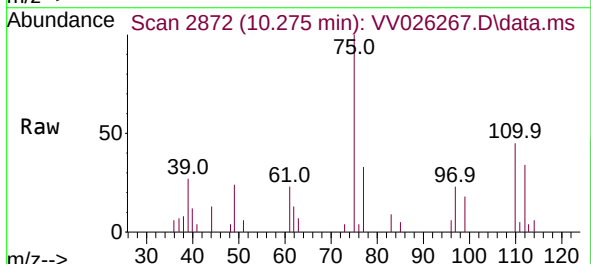
Instrument :
MSVOA_V
ClientSampleId :
VSTD001268

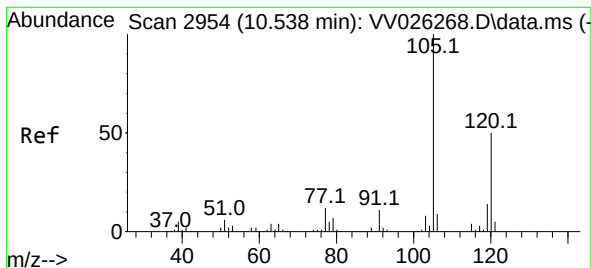
Tgt Ion:105 Resp: 35060
Ion Ratio Lower Upper
105 100
120 28.2 21.5 32.3
77 16.4 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 0.847 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV026267.D
Acq: 15 Jun 2022 10:16

Tgt Ion: 75 Resp: 5124
Ion Ratio Lower Upper
75 100
77 33.7 26.9 40.3
110 44.9 30.7 46.1





#62

1,3,5-Trimethylbenzene

Concen: 0.669 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV026267.D

Acq: 15 Jun 2022 10:16

Instrument :

MSVOA_V

ClientSampleId :

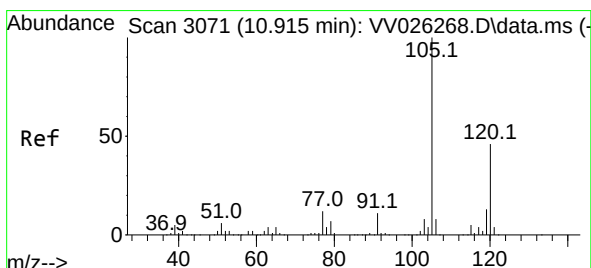
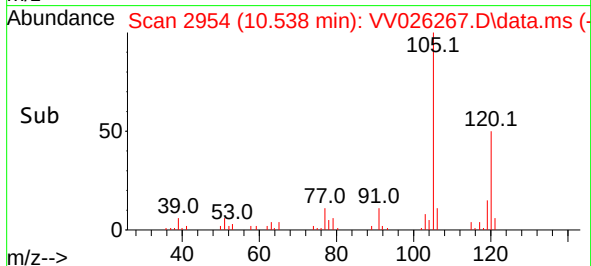
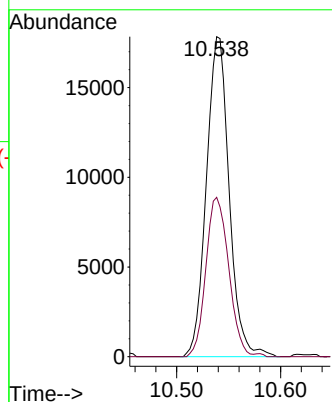
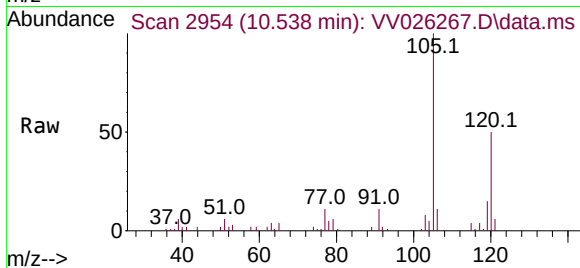
VSTD001268

Tgt Ion:105 Resp: 27119

Ion Ratio Lower Upper

105 100

120 49.9 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 0.667 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV026267.D

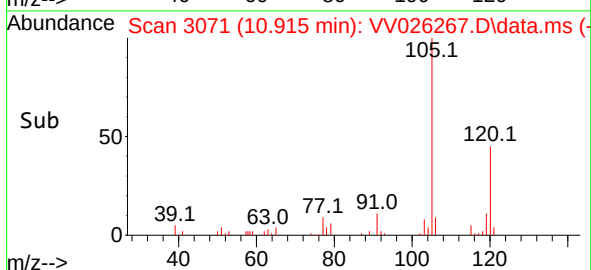
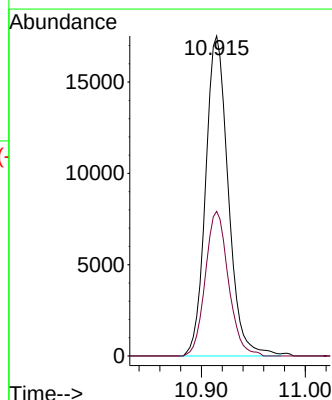
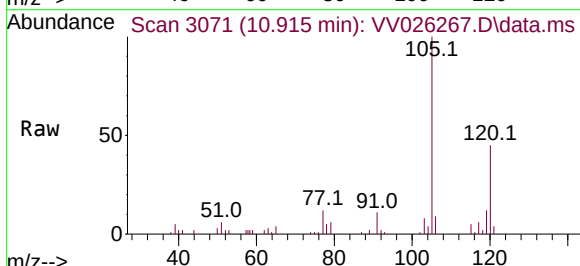
Acq: 15 Jun 2022 10:16

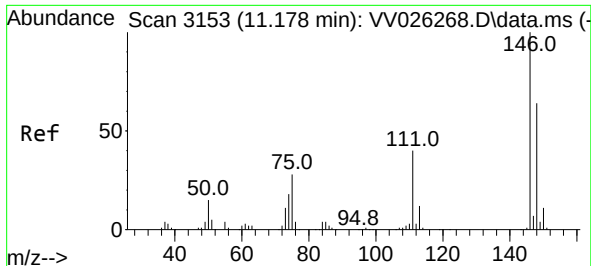
Tgt Ion:105 Resp: 26554

Ion Ratio Lower Upper

105 100

120 46.1 36.9 55.3

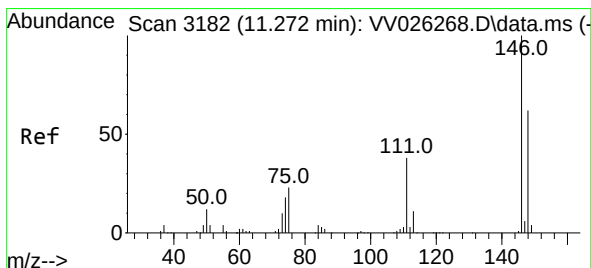
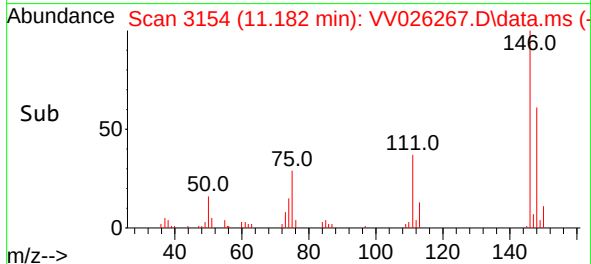
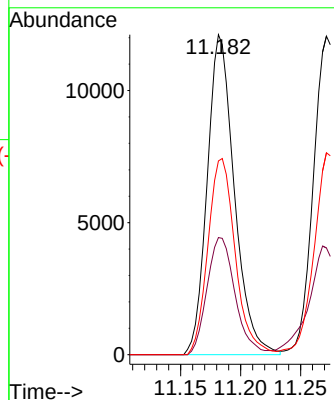
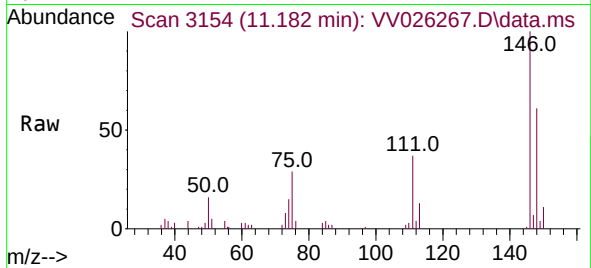




#64
 1,3-Dichlorobenzene
 Concen: 0.776 ug/L
 RT: 11.182 min Scan# 3153
 Delta R.T. 0.003 min
 Lab File: VV026267.D
 Acq: 15 Jun 2022 10:16

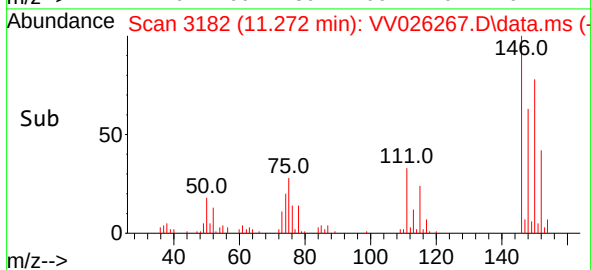
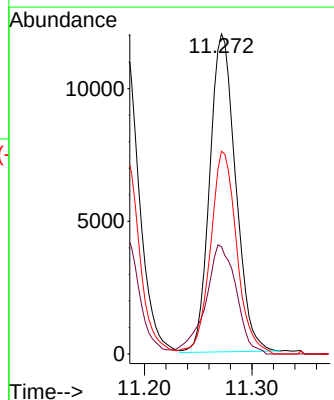
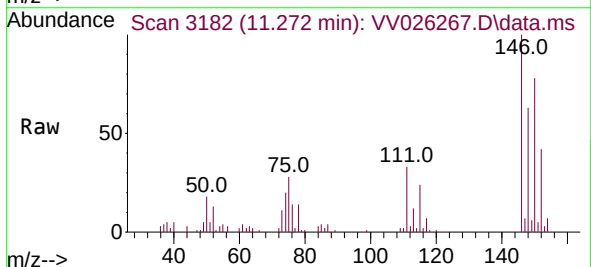
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001268

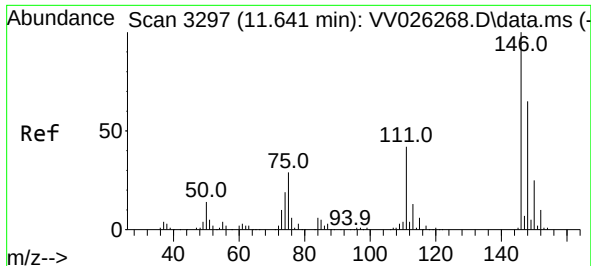
Tgt Ion:146 Resp: 19044
 Ion Ratio Lower Upper
 146 100
 111 36.6 27.8 51.6
 148 60.6 44.9 83.3



#65
 1,4-Dichlorobenzene
 Concen: 0.819 ug/L
 RT: 11.272 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: VV026267.D
 Acq: 15 Jun 2022 10:16

Tgt Ion:146 Resp: 20045
 Ion Ratio Lower Upper
 146 100
 111 33.5 26.7 49.7
 148 63.4 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 0.786 ug/L

RT: 11.645 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV026267.D

Acq: 15 Jun 2022 10:16

Instrument :

MSVOA_V

ClientSampleId :

VSTD001268

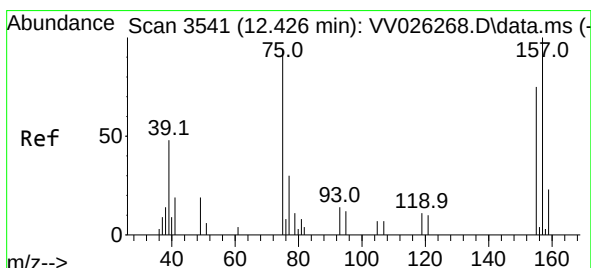
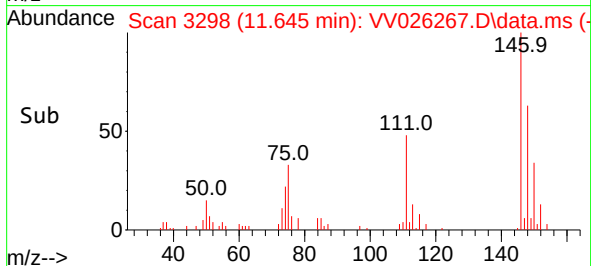
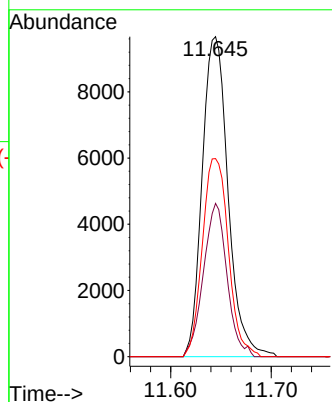
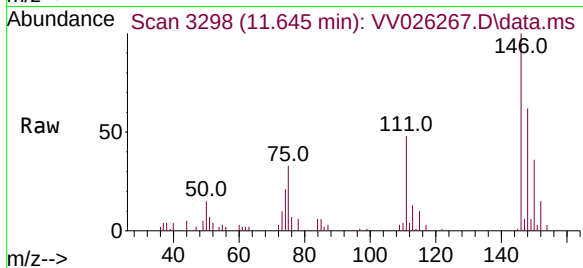
Tgt Ion:146 Resp: 17249

Ion Ratio Lower Upper

146 100

111 47.9 33.8 50.8

148 61.9 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 0.823 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.003 min

Lab File: VV026267.D

Acq: 15 Jun 2022 10:16

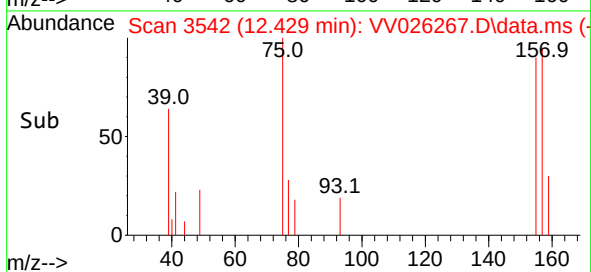
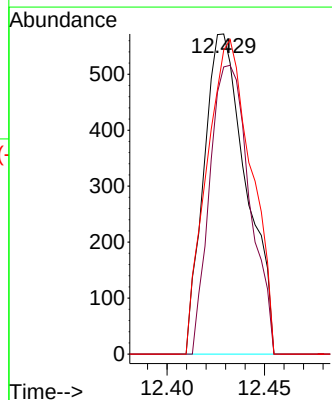
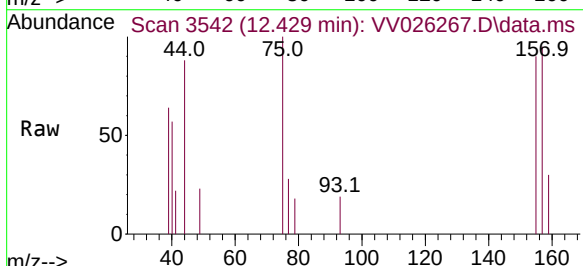
Tgt Ion: 75 Resp: 866

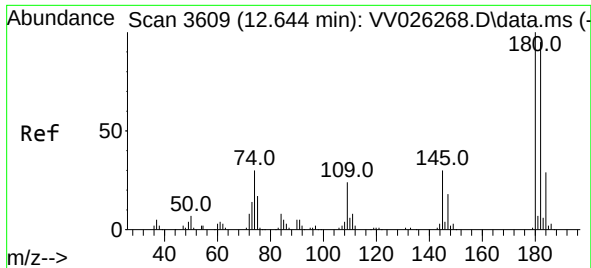
Ion Ratio Lower Upper

75 100

155 89.7 63.7 95.5

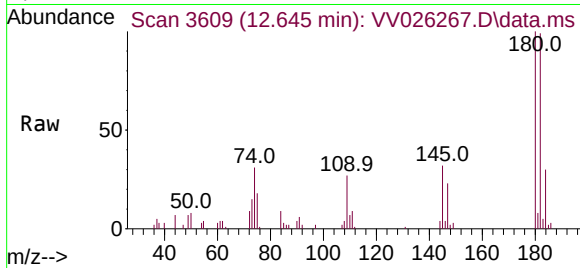
157 94.9 85.0 127.6



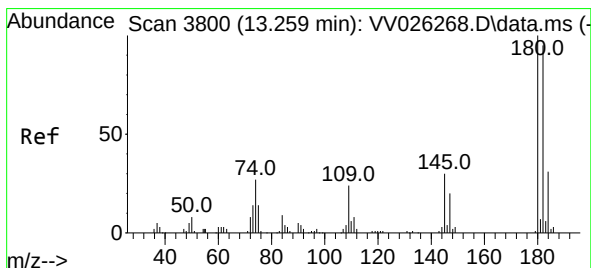
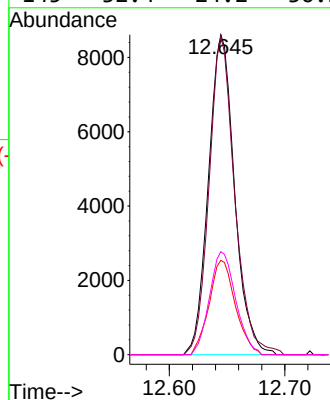
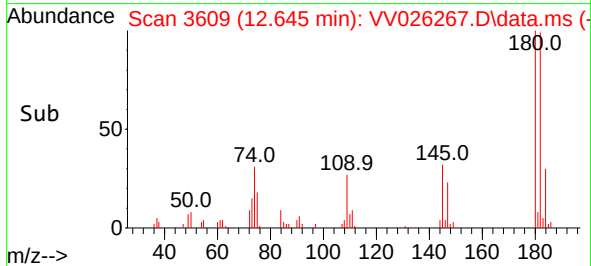


#69
 1,3,5-Trichlorobenzene
 Concen: 0.773 ug/L
 RT: 12.645 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV026267.D
 Acq: 15 Jun 2022 10:16

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001268

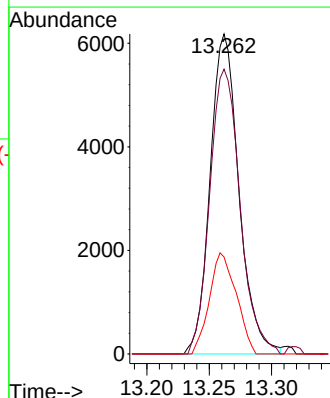
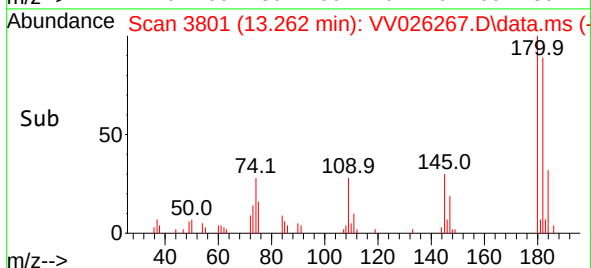
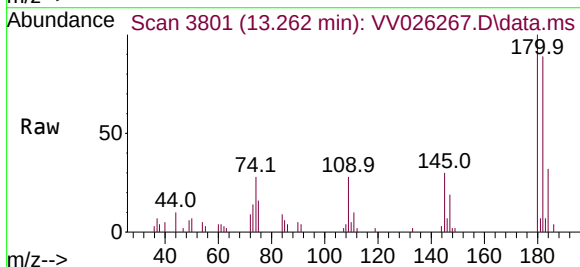


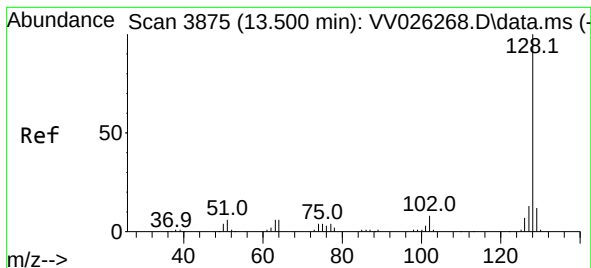
Tgt Ion:180	Resp:	13484
Ion Ratio	Lower	Upper
180	100	
182	97.4	75.5 113.3
184	29.8	23.7 35.5
145	32.4	24.2 36.2



#70
 1,2,4-trichlorobenzene
 Concen: 0.788 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.003 min
 Lab File: VV026267.D
 Acq: 15 Jun 2022 10:16

Tgt Ion:180	Resp:	9942
Ion Ratio	Lower	Upper
180	100	
182	93.5	76.2 114.2
145	29.4	23.9 35.9





#71

Naphthalene

Concen: 0.777 ug/L

RT: 13.503 min Scan# 3875

Delta R.T. 0.003 min

Lab File: VV026267.D

Acq: 15 Jun 2022 10:16

Instrument :

MSVOA_V

ClientSampleId :

VSTD001268

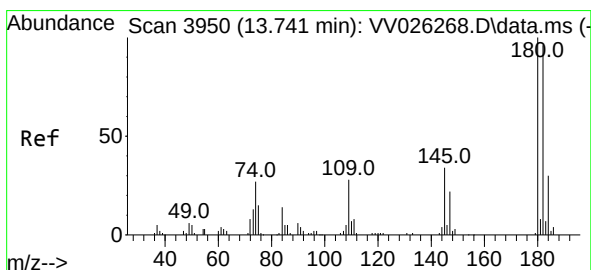
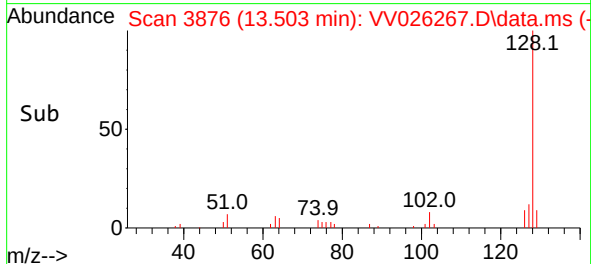
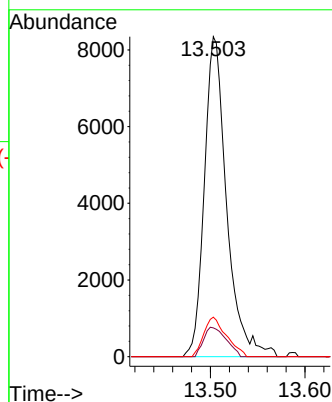
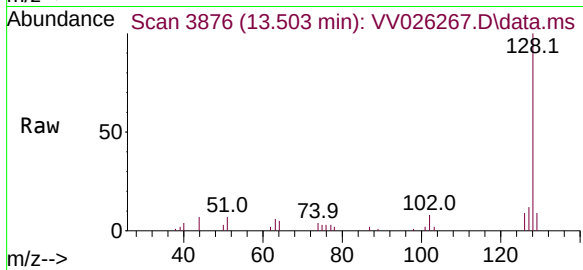
Tgt Ion:128 Resp: 13675

Ion Ratio Lower Upper

128 100

129 9.2 8.7 13.1

127 12.5 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 0.794 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV026267.D

Acq: 15 Jun 2022 10:16

Tgt Ion:180 Resp: 8272

Ion Ratio Lower Upper

180 100

182 94.7 77.9 116.9

145 35.0 26.7 40.1

