

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071422\
 Data File : VW026783.D
 Acq On : 14 Jul 2022 17:31
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005354

Quant Time: Jul 15 06:45:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 15 06:40:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	230015	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	231433	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	121754	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	69092	3.293	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.800%
7) Chloroethane-d5	1.561	69	67101	3.701	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	2.101	63	151521	3.761	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	3.899	46	153343	46.822	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.640%
24) Chloroform-d	4.346	84	168732	4.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.030	65	73490	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.047	84	283592	4.033	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.069	67	93175	4.419	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.313	98	249300	3.994	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	7.625	79	28114	4.075	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.091	63	157105	52.600	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.200%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	81741	4.976	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	87874	4.142	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	157477	5.385	ug/L	100
3) Chloromethane	1.236	50	134925	4.808	ug/L	98
5) Vinyl chloride	1.304	62	152113	5.324	ug/L	99
6) Bromomethane	1.516	94	55309	3.234	ug/L	99
8) Chloroethane	1.577	64	93018	5.526	ug/L	96
9) Trichlorofluoromethane	1.744	101	195725	5.390	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	110724	5.323	ug/L	98
12) 1,1-Dichloroethene	2.111	96	105094	5.211	ug/L	92
13) Acetone	2.185	43	121411	44.061	ug/L #	46
14) Carbon disulfide	2.285	76	312794	5.264	ug/L	98
15) Methyl Acetate	2.439	43	33835	6.071	ug/L	93
16) Methylene chloride	2.500	84	122184	5.086	ug/L	100
17) Methyl tert-butyl Ether	2.767	73	189612	5.457	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	105399	5.686	ug/L	95
19) 1,1-Dichloroethane	3.185	63	196970	5.819	ug/L	99
21) 2-Butanone	3.985	43	175759	54.693	ug/L	96
22) cis-1,2-Dichloroethene	3.905	96	100635	5.383	ug/L	99
23) Bromochloromethane	4.246	128	49073	5.698	ug/L	97
25) Chloroform	4.371	83	202928	5.724	ug/L	99

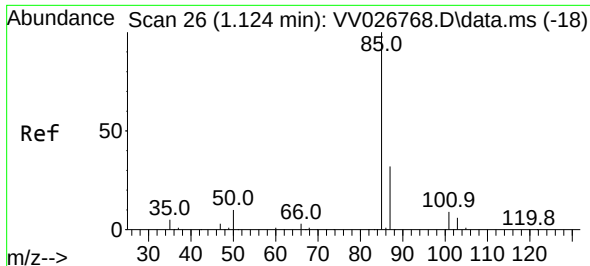
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	105538	5.525	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	173444	5.561	ug/L	99
30) Cyclohexane	4.674	56	140498	5.287	ug/L	100
31) Carbon tetrachloride	4.825	117	148143	5.379	ug/L	97
33) Benzene	5.098	78	427534	5.526	ug/L	100
34) Trichloroethene	5.911	95	102756	5.404	ug/L	98
35) Methylcyclohexane	6.127	83	150250	5.177	ug/L	96
37) 1,2-Dichloropropane	6.172	63	104985	5.674	ug/L	100
38) Bromodichloromethane	6.509	83	132524	5.494	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	120295	5.232	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	497217	58.180	ug/L	98
42) Toluene	7.387	91	453839	5.808	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	100704	5.334	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	74376	5.499	ug/L	98
47) Tetrachloroethene	7.976	164	81119	5.439	ug/L	98
48) 2-Hexanone	8.140	43	374058	60.475	ug/L	99
49) Dibromochloromethane	8.246	129	80776	5.182	ug/L	95
50) 1,2-Dibromoethane	8.352	107	67513	5.642	ug/L	95
51) Chlorobenzene	8.879	112	274215	5.550	ug/L	98
52) Ethylbenzene	9.011	91	410996	5.315	ug/L	100
53) m,p-Xylene	9.140	106	165631	5.508	ug/L	100
54) o-Xylene	9.541	106	155542	5.442	ug/L	99
55) Styrene	9.561	104	284296	5.676	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	88697	5.540	ug/L	98
59) Bromoform	9.731	173	36459	4.667	ug/L	97
60) Isopropylbenzene	9.931	105	412366	5.430	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	61899	5.513	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	309954	5.130	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	318802	5.196	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	203405	5.467	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	204158	5.396	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	185974	5.352	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	12111	5.088	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	134014	5.096	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	96357	4.818	ug/L	96
71) Naphthalene	13.500	128	152718	4.609	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	90622	4.869	ug/L	97

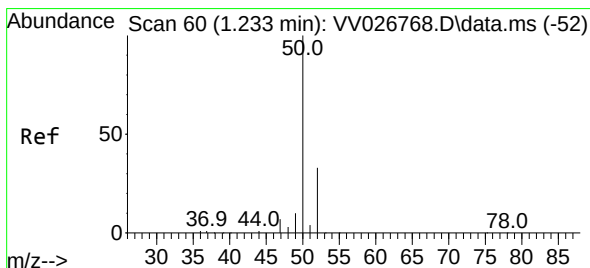
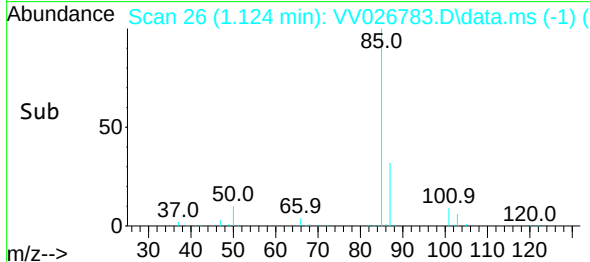
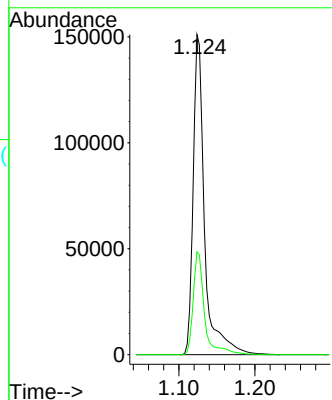
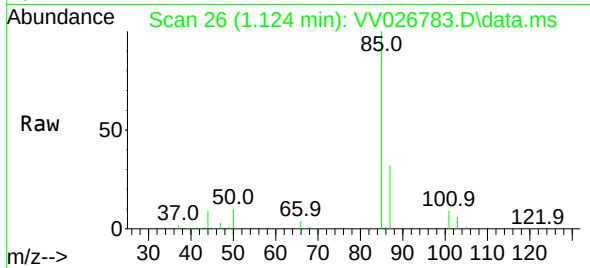
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.385 ug/L
 RT: 1.124 min Scan# 2
 Delta R.T. -0.000 min
 Lab File: VV026783.D
 Acq: 14 Jul 2022 17:31

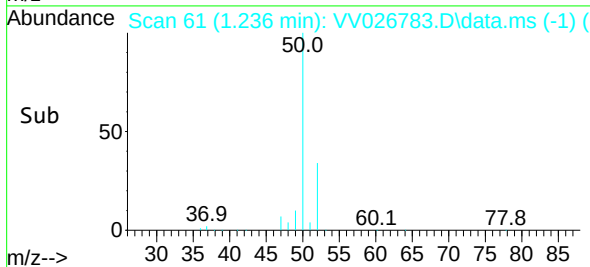
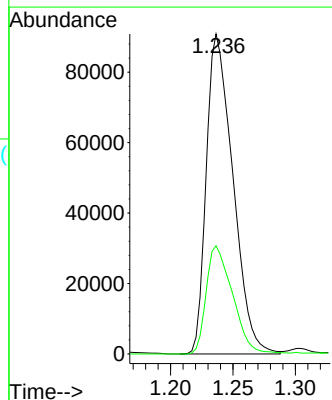
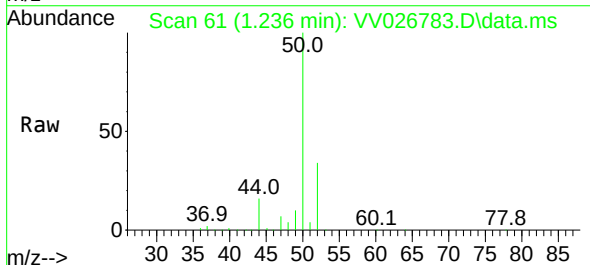
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005354

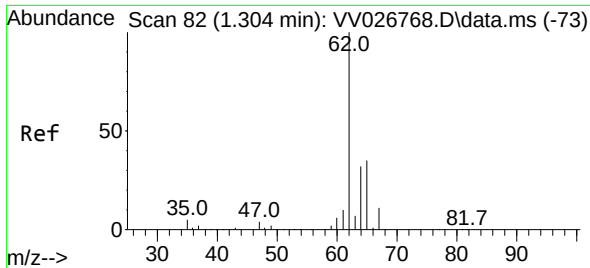
Tgt Ion: 85 Resp: 157477
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.8 38.8



#3
 Chloromethane
 Concen: 4.808 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VV026783.D
 Acq: 14 Jul 2022 17:31

Tgt Ion: 50 Resp: 134925
 Ion Ratio Lower Upper
 50 100
 52 33.8 22.8 42.4

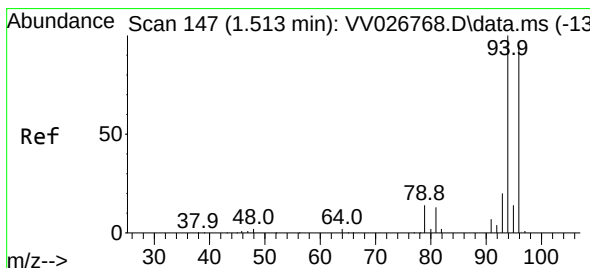
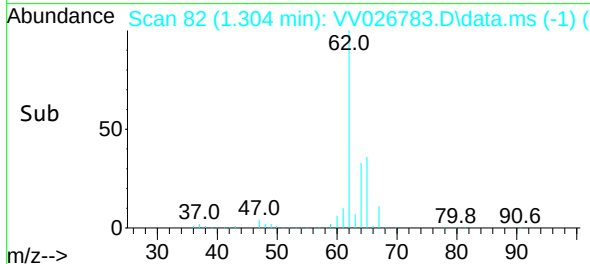
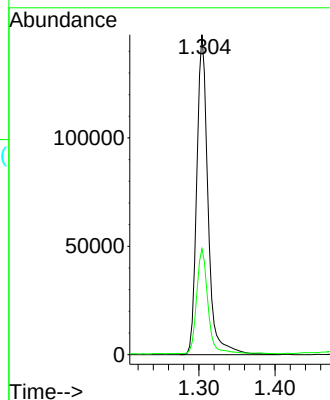
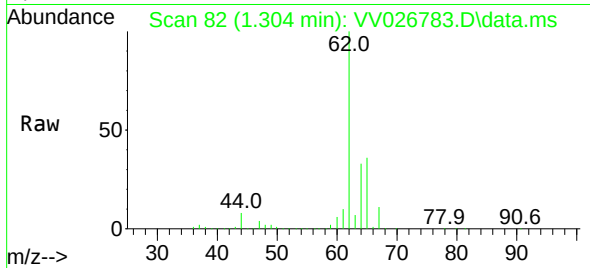




#5
 Vinyl chloride
 Concen: 5.324 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV026783.D
 Acq: 14 Jul 2022 17:31

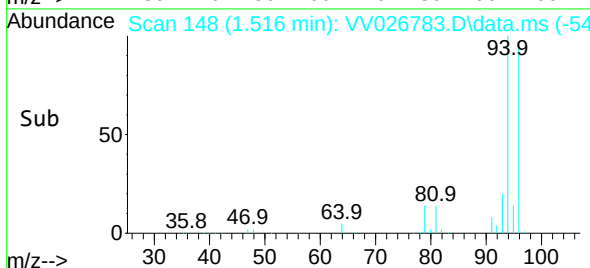
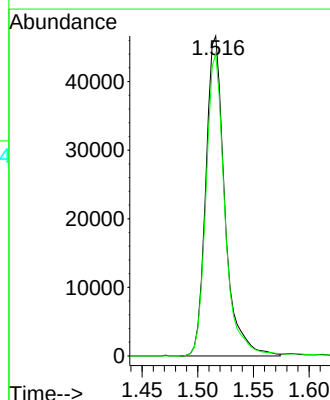
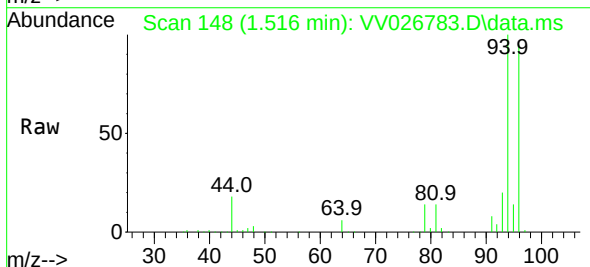
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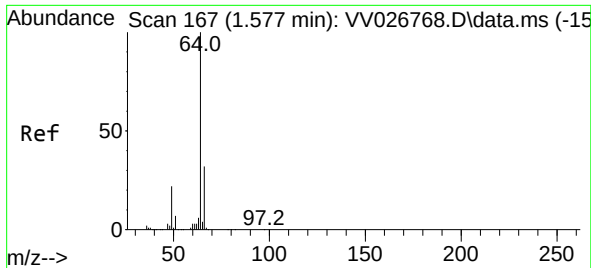
Tgt Ion: 62 Resp: 152113
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.9 42.5



#6
 Bromomethane
 Concen: 3.234 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.003 min
 Lab File: VV026783.D
 Acq: 14 Jul 2022 17:31

Tgt Ion: 94 Resp: 55309
 Ion Ratio Lower Upper
 94 100
 96 94.5 67.1 124.7

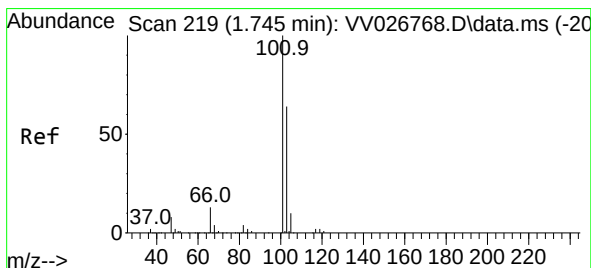
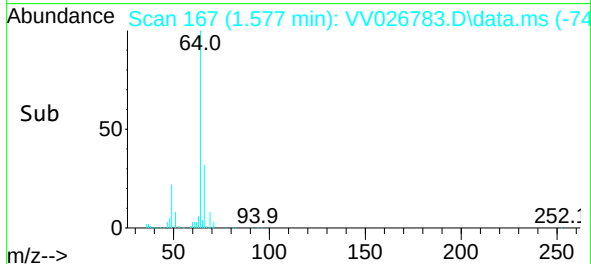
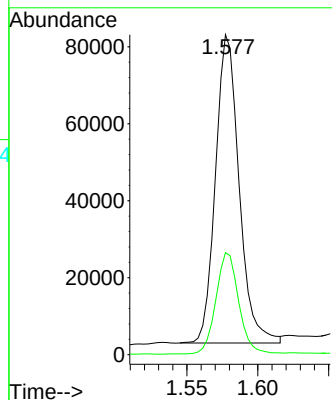
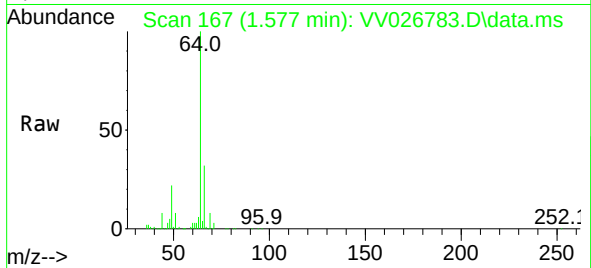




#8
Chloroethane
Concen: 5.526 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV026783.D
Acq: 14 Jul 2022 17:31

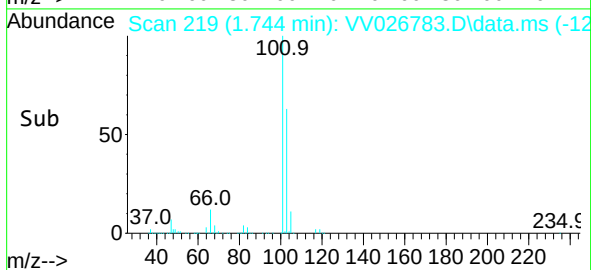
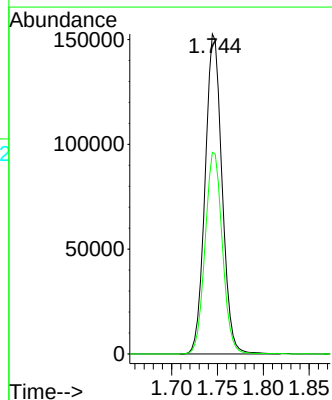
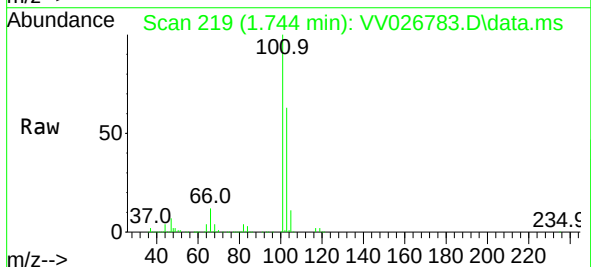
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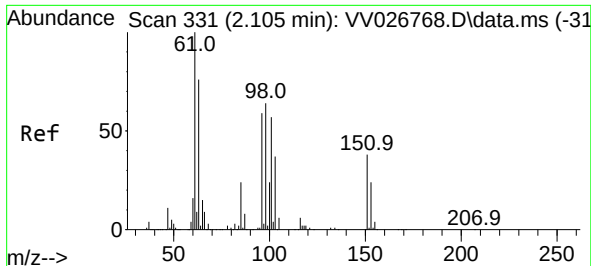
Tgt Ion: 64 Resp: 93018
Ion Ratio Lower Upper
64 100
66 31.9 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.390 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.000 min
Lab File: VV026783.D
Acq: 14 Jul 2022 17:31

Tgt Ion: 101 Resp: 195725
Ion Ratio Lower Upper
101 100
103 64.4 51.6 77.4

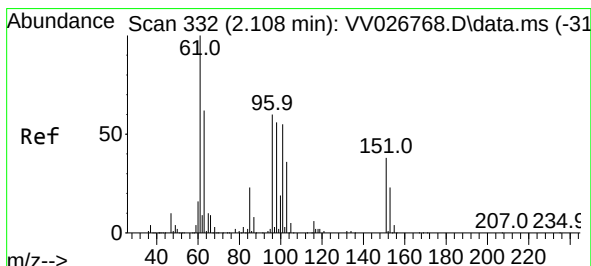
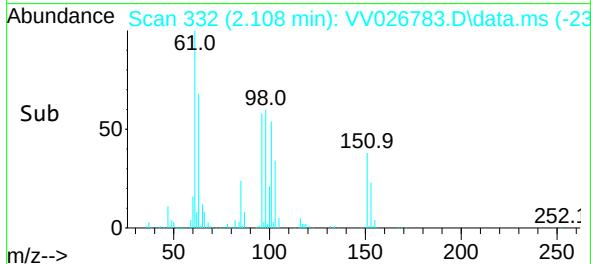
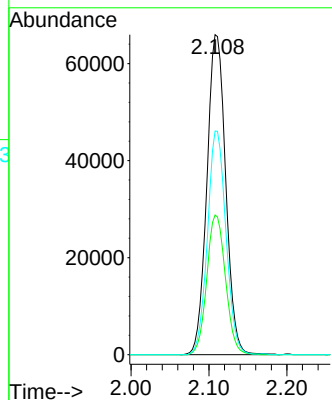
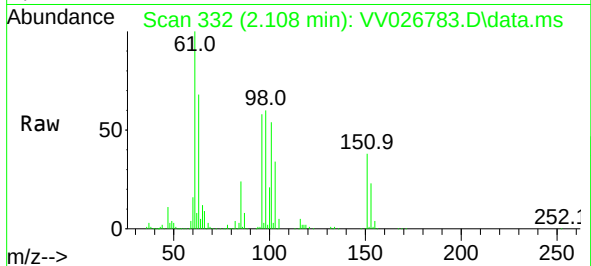




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.323 ug/L
RT: 2.108 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV026783.D
Acq: 14 Jul 2022 17:31

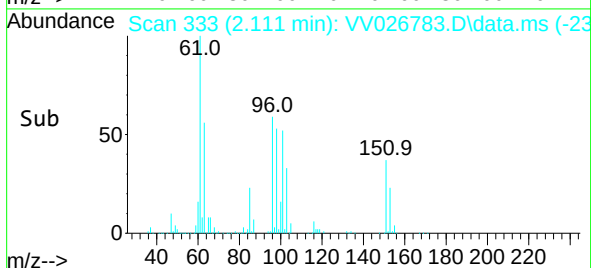
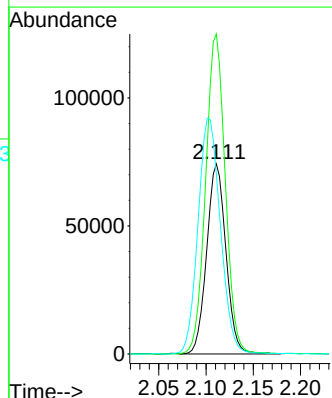
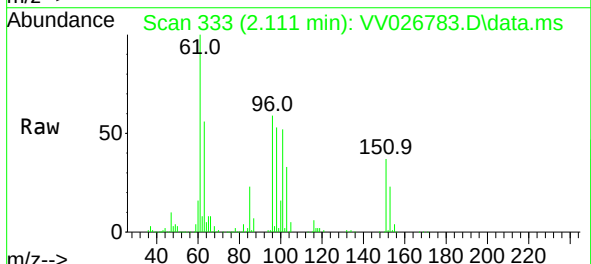
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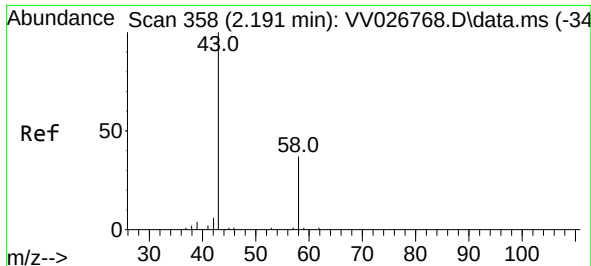
Tgt Ion:101 Resp: 110724
Ion Ratio Lower Upper
101 100
85 43.3 35.0 52.4
151 68.7 56.7 85.1



#12
1,1-Dichloroethene
Concen: 5.211 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.003 min
Lab File: VV026783.D
Acq: 14 Jul 2022 17:31

Tgt Ion: 96 Resp: 105094
Ion Ratio Lower Upper
96 100
61 168.4 118.3 219.7
63 94.8 79.9 148.3





#13

Acetone

Concen: 44.061 ug/L

RT: 2.185 min Scan# 3

Delta R.T. -0.007 min

Lab File: VV026783.D

Acq: 14 Jul 2022 17:31

Instrument :

MSVOA_V

ClientSampleId :

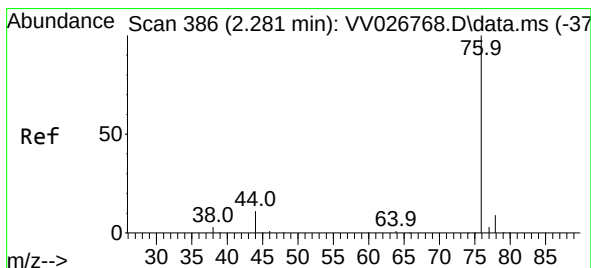
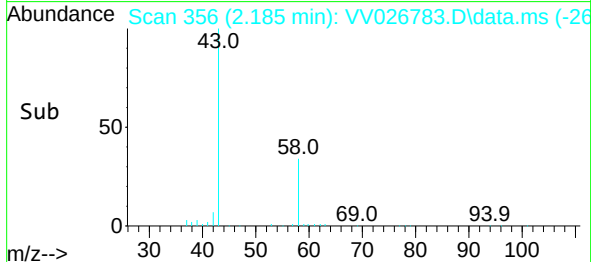
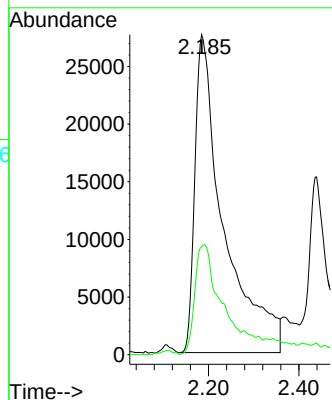
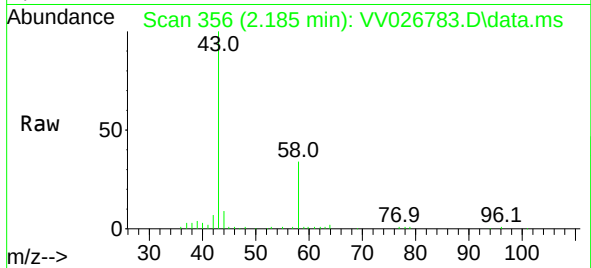
VSTD005354

Tgt Ion: 43 Resp: 121411

Ion Ratio Lower Upper

43 100

58 30.4 0.0 20.6#



#14

Carbon disulfide

Concen: 5.264 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.003 min

Lab File: VV026783.D

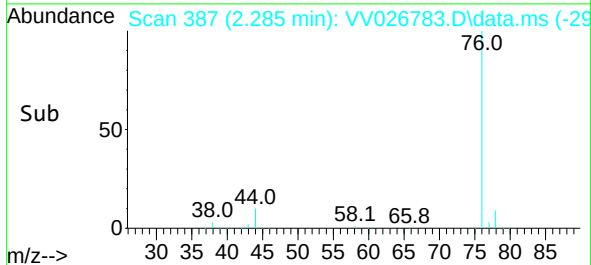
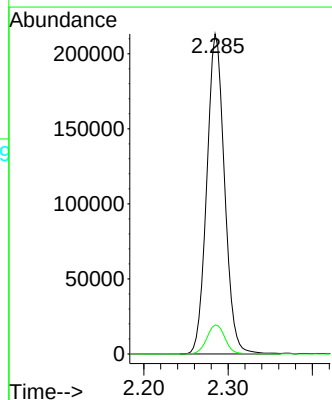
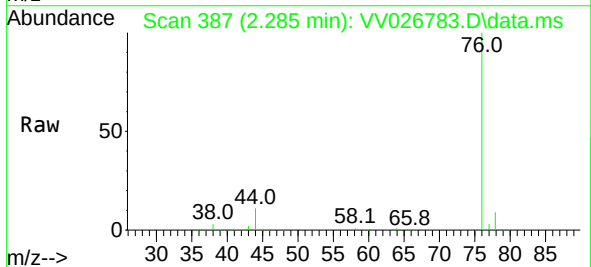
Acq: 14 Jul 2022 17:31

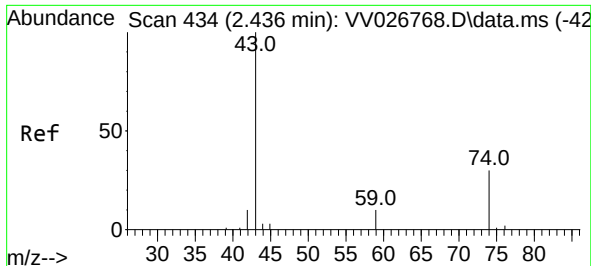
Tgt Ion: 76 Resp: 312794

Ion Ratio Lower Upper

76 100

78 9.0 7.7 11.5

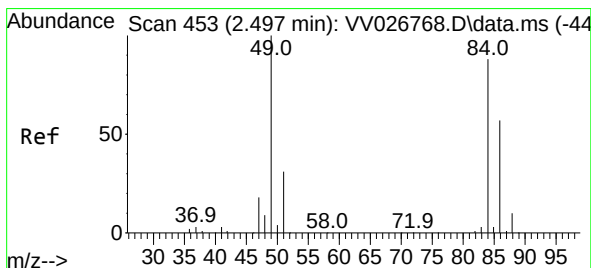
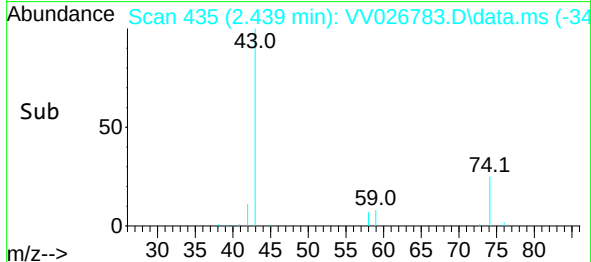
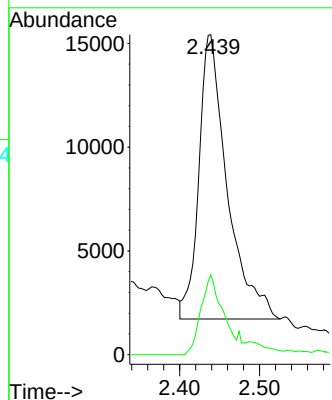
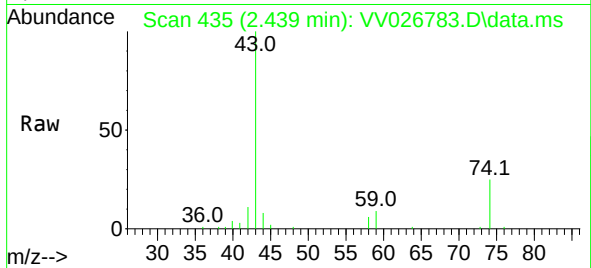




#15
Methyl Acetate
Concen: 6.071 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026783.D
Acq: 14 Jul 2022 17:31

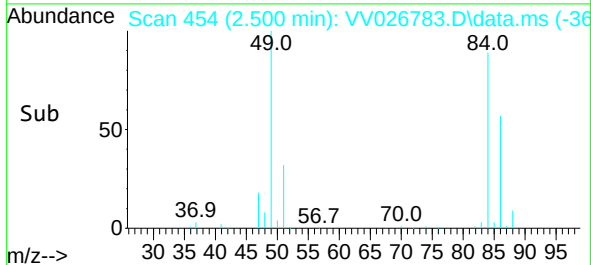
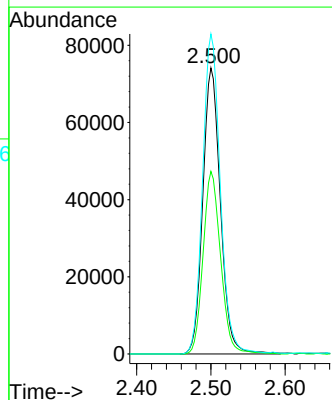
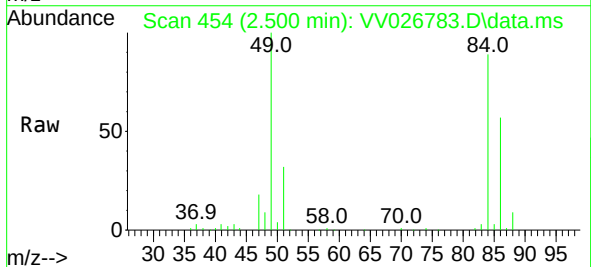
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

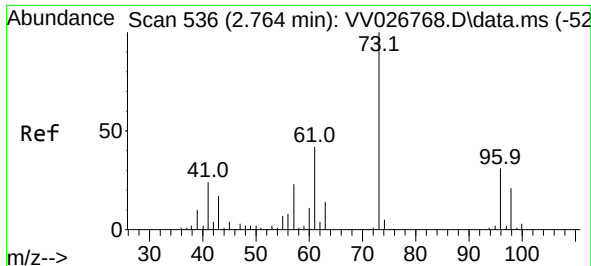
Tgt Ion: 43 Resp: 33835
Ion Ratio Lower Upper
43 100
74 21.5 20.1 30.1



#16
Methylene chloride
Concen: 5.086 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV026783.D
Acq: 14 Jul 2022 17:31

Tgt Ion: 84 Resp: 122184
Ion Ratio Lower Upper
84 100
86 63.8 44.8 83.2
49 111.9 78.7 146.1

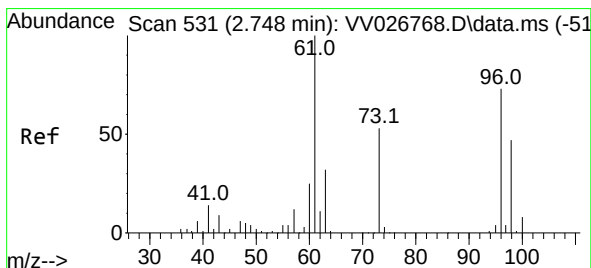
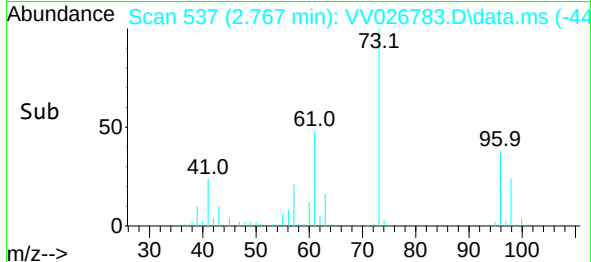
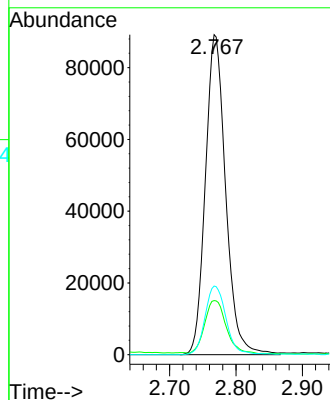
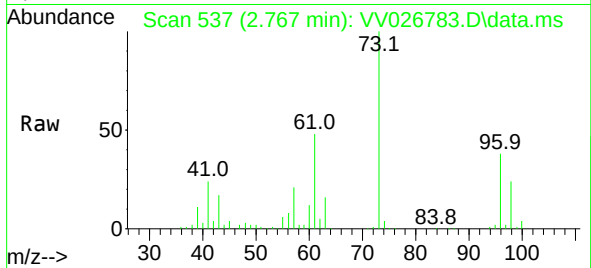




#17
Methyl tert-butyl Ether
Concen: 5.457 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV026783.D
Acq: 14 Jul 2022 17:31

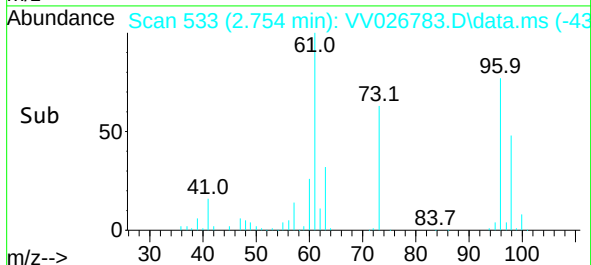
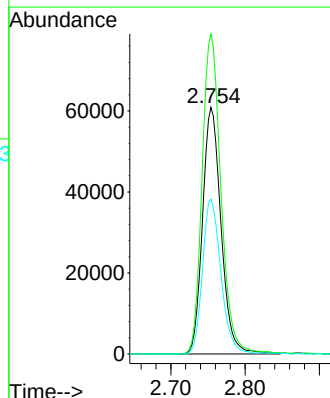
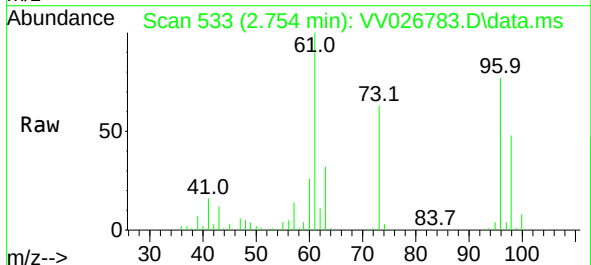
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

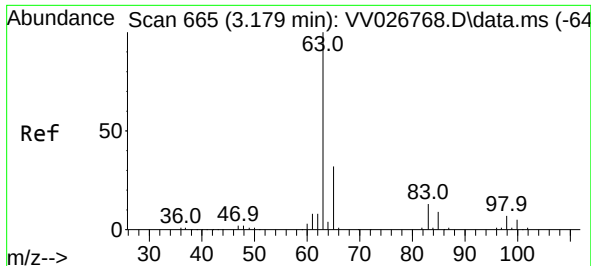
Tgt Ion: 73 Resp: 189612
Ion Ratio Lower Upper
73 100
43 17.4 14.0 21.0
57 22.2 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 5.686 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.006 min
Lab File: VV026783.D
Acq: 14 Jul 2022 17:31

Tgt Ion: 96 Resp: 105399
Ion Ratio Lower Upper
96 100
61 129.8 94.7 175.9
98 62.8 47.4 88.0





#19

1,1-Dichloroethane

Concen: 5.819 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV026783.D

Acq: 14 Jul 2022 17:31

Instrument :

MSVOA_V

ClientSampleId :

VSTD005354

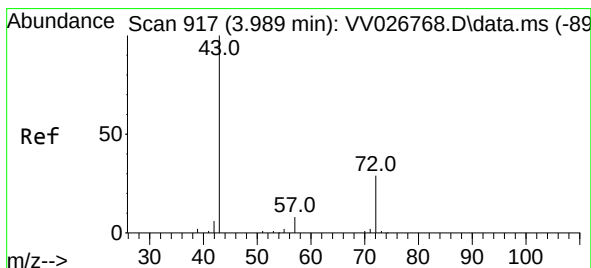
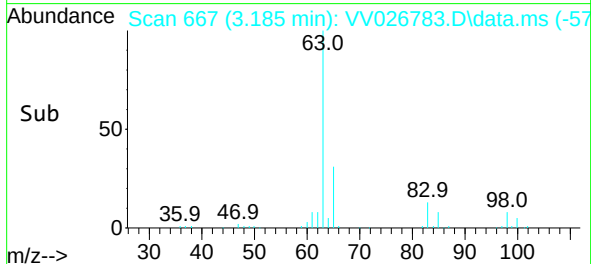
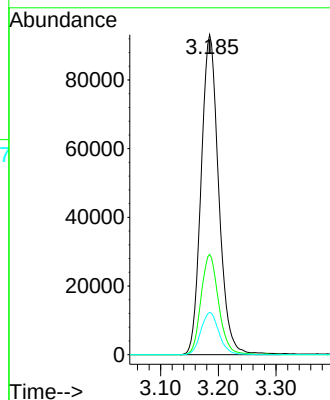
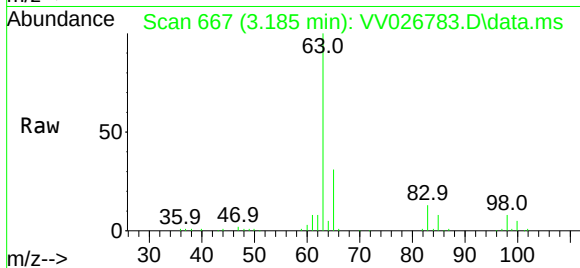
Tgt Ion: 63 Resp: 196970

Ion Ratio Lower Upper

63 100

65 31.3 22.3 41.3

83 13.2 9.9 18.5



#21

2-Butanone

Concen: 54.693 ug/L

RT: 3.985 min Scan# 916

Delta R.T. -0.003 min

Lab File: VV026783.D

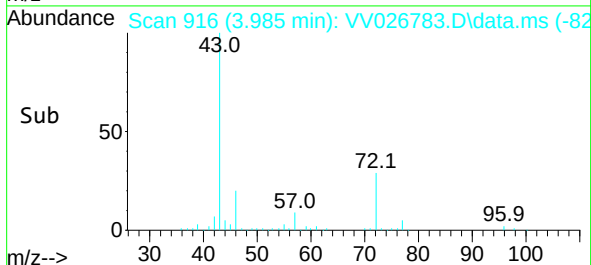
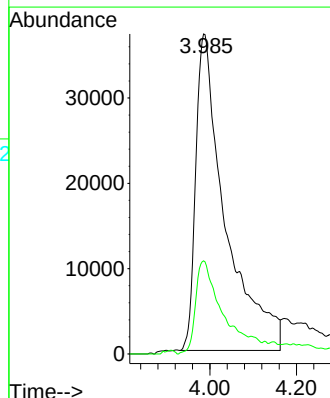
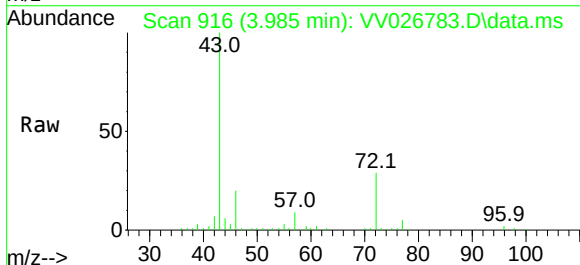
Acq: 14 Jul 2022 17:31

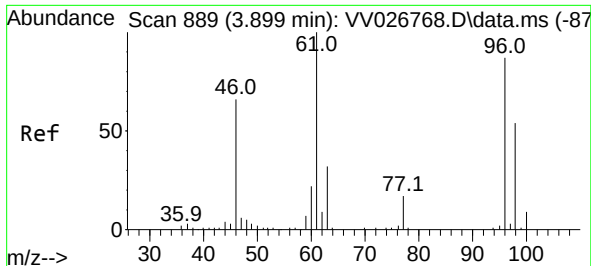
Tgt Ion: 43 Resp: 175759

Ion Ratio Lower Upper

43 100

72 25.6 13.9 41.7





#22

cis-1,2-Dichloroethene

Concen: 5.383 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV026783.D

Acq: 14 Jul 2022 17:31

Instrument :

MSVOA_V

ClientSampleId :

VSTD005354

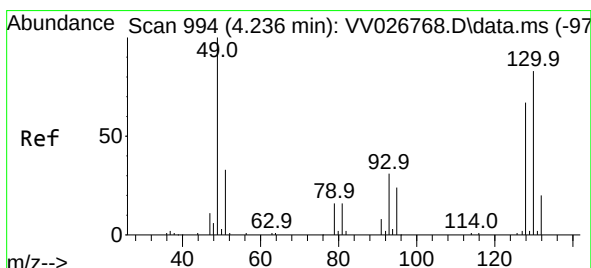
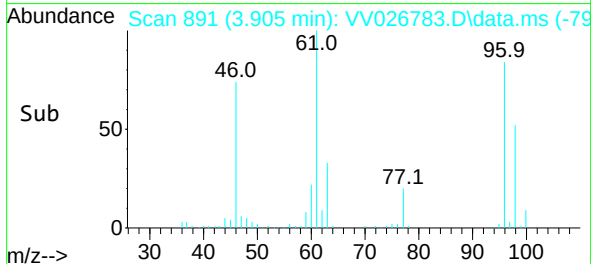
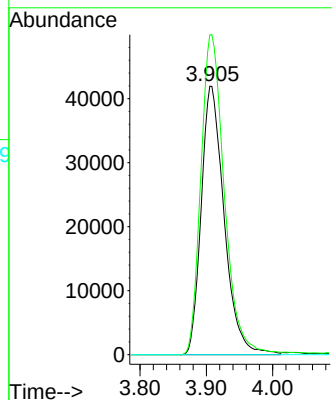
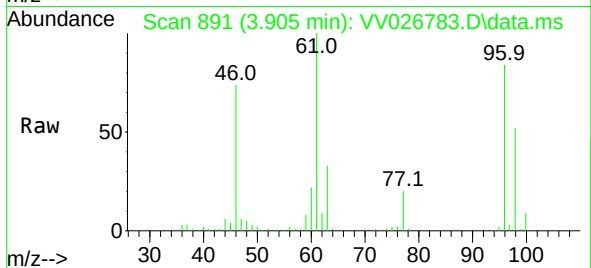
Tgt Ion: 96 Resp: 100635

Ion Ratio Lower Upper

96 100

61 119.1 83.9 155.9

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.698 ug/L

RT: 4.246 min Scan# 997

Delta R.T. 0.010 min

Lab File: VV026783.D

Acq: 14 Jul 2022 17:31

Tgt Ion: 128 Resp: 49073

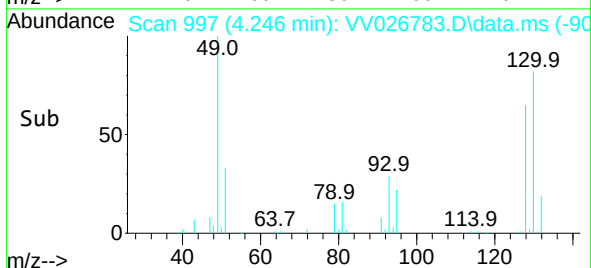
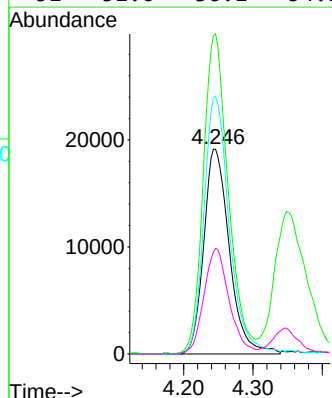
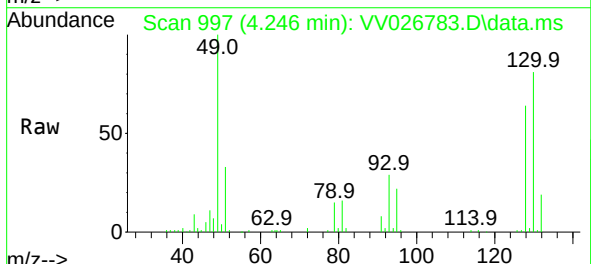
Ion Ratio Lower Upper

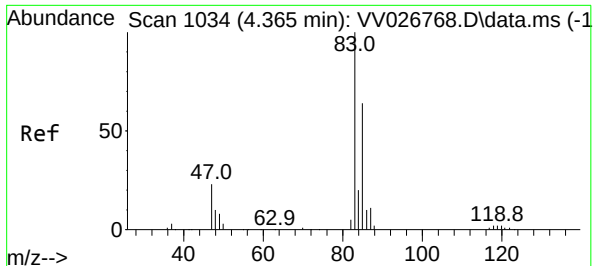
128 100

49 156.3 107.2 199.2

130 125.9 87.1 161.7

51 51.6 36.1 54.1





#25

Chloroform

Concen: 5.724 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV026783.D

Acq: 14 Jul 2022 17:31

Instrument :

MSVOA_V

ClientSampleId :

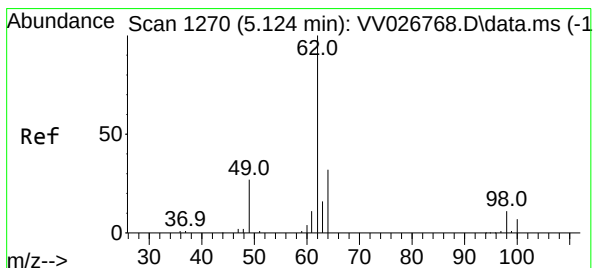
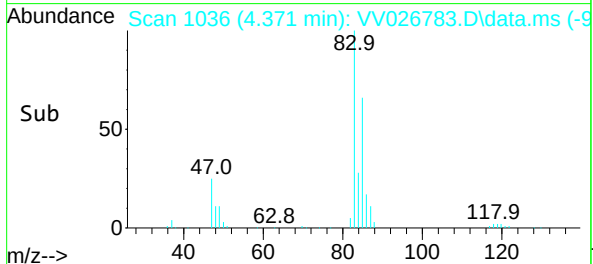
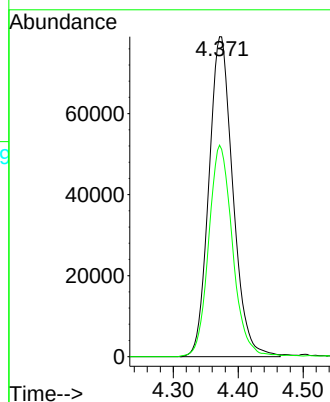
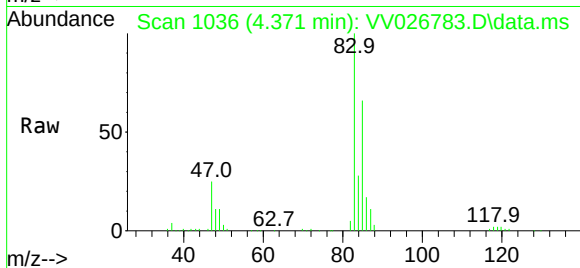
VSTD005354

Tgt Ion: 83 Resp: 202928

Ion Ratio Lower Upper

83 100

85 66.1 45.7 84.9



#27

1,2-Dichloroethane

Concen: 5.525 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.006 min

Lab File: VV026783.D

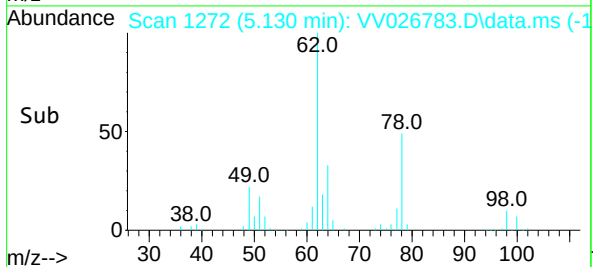
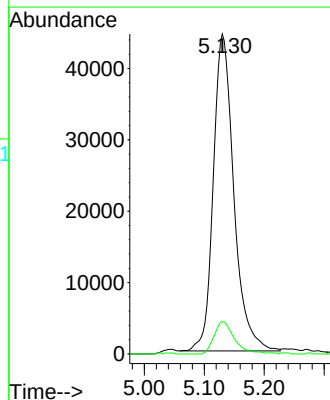
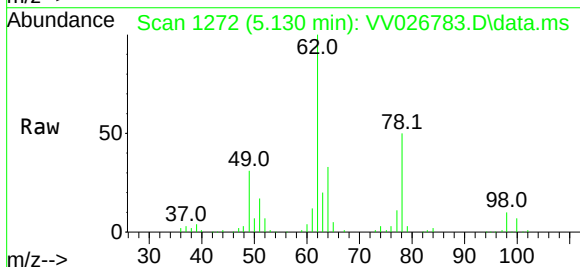
Acq: 14 Jul 2022 17:31

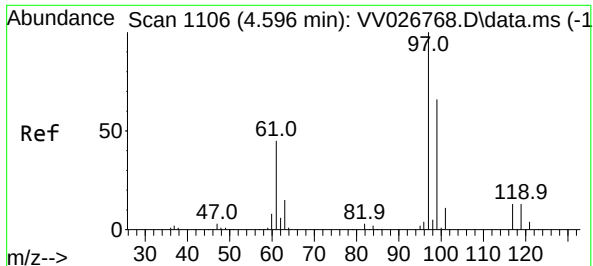
Tgt Ion: 62 Resp: 105538

Ion Ratio Lower Upper

62 100

98 10.1 8.3 12.5





#29

1,1,1-Trichloroethane

Concen: 5.561 ug/L

RT: 4.603 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VV026783.D

Acq: 14 Jul 2022 17:31

Instrument :

MSVOA_V

ClientSampleId :

VSTD005354

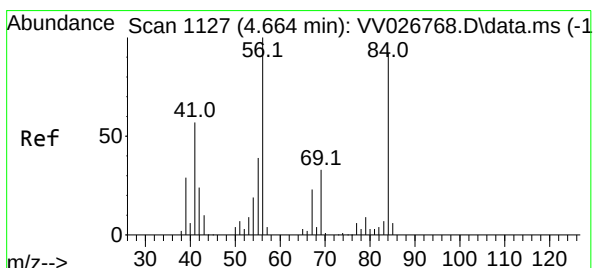
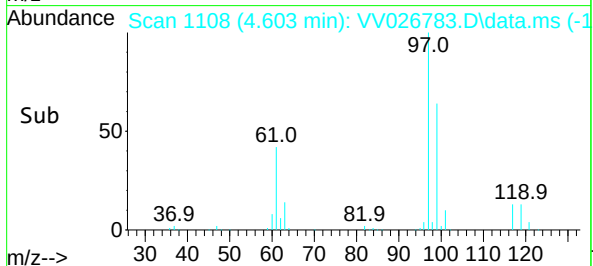
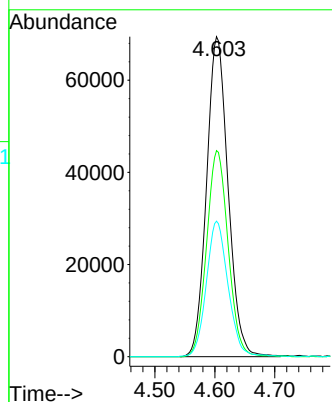
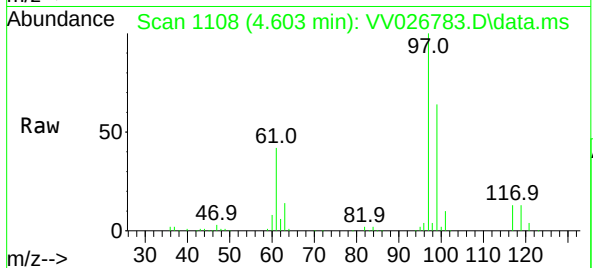
Tgt Ion: 97 Resp: 173444

Ion Ratio Lower Upper

97 100

99 64.3 51.3 76.9

61 42.8 35.1 52.7



#30

Cyclohexane

Concen: 5.287 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.010 min

Lab File: VV026783.D

Acq: 14 Jul 2022 17:31

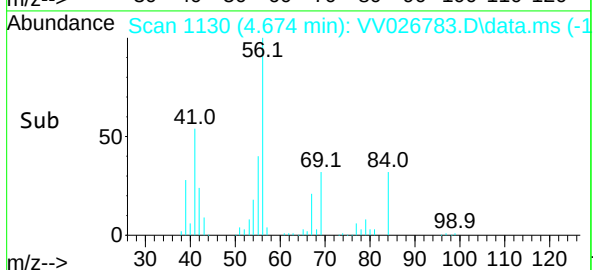
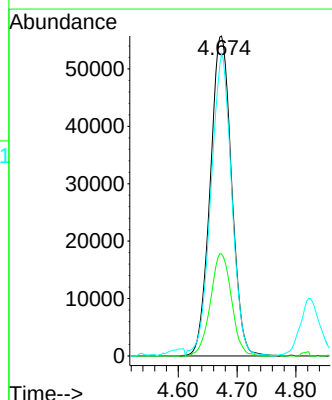
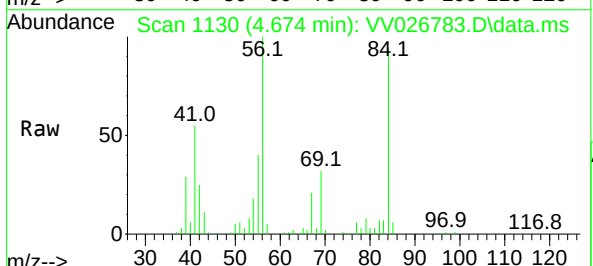
Tgt Ion: 56 Resp: 140498

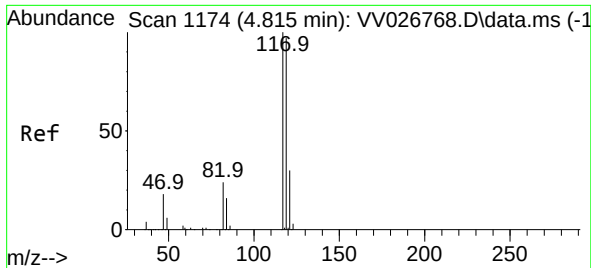
Ion Ratio Lower Upper

56 100

69 31.5 25.1 37.7

84 92.0 74.0 111.0

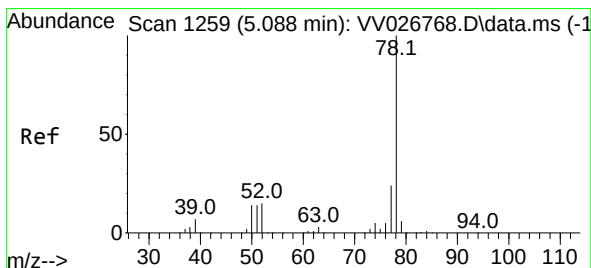
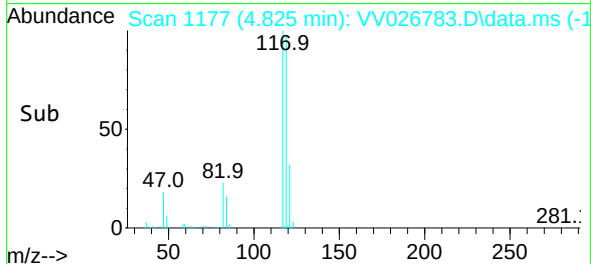
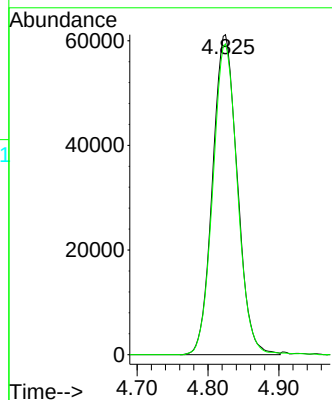
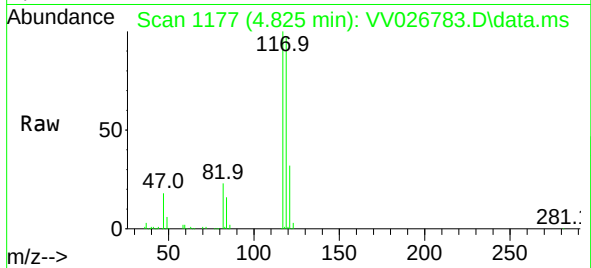




#31
Carbon tetrachloride
Concen: 5.379 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.010 min
Lab File: VV026783.D
Acq: 14 Jul 2022 17:31

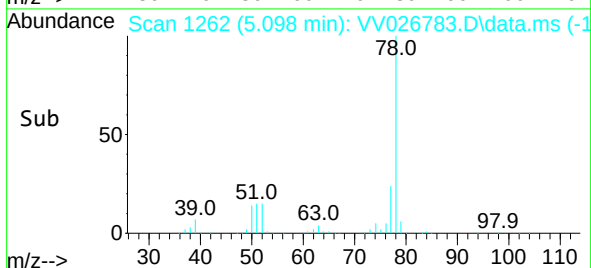
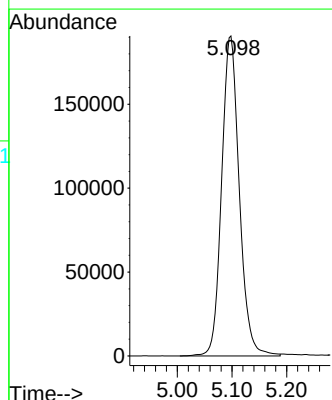
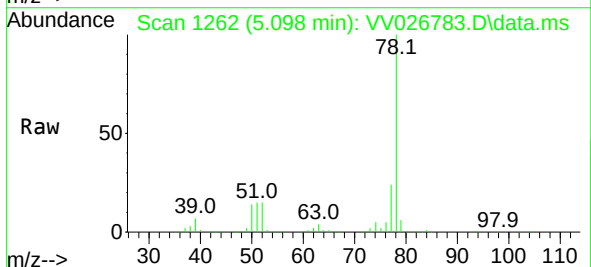
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

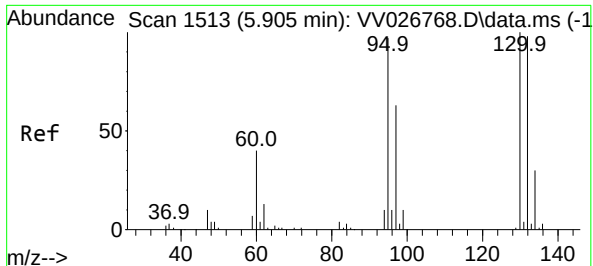
Tgt Ion:117 Resp: 148143
Ion Ratio Lower Upper
117 100
119 96.7 75.1 112.7



#33
Benzene
Concen: 5.526 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.010 min
Lab File: VV026783.D
Acq: 14 Jul 2022 17:31

Tgt Ion: 78 Resp: 427534

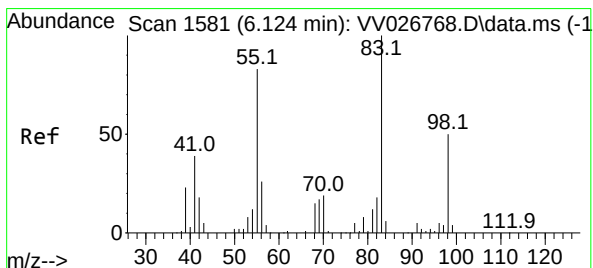
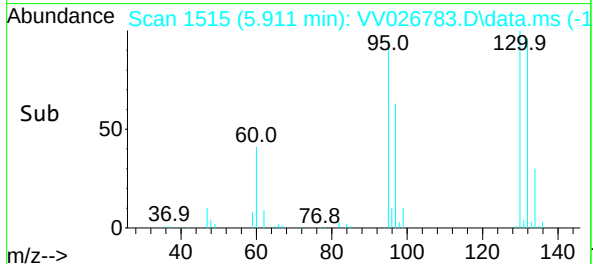
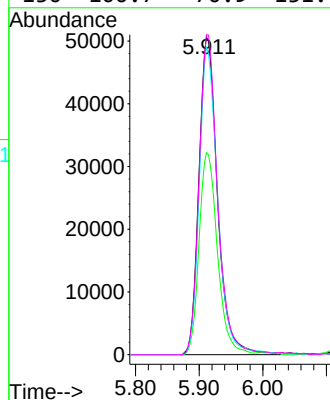
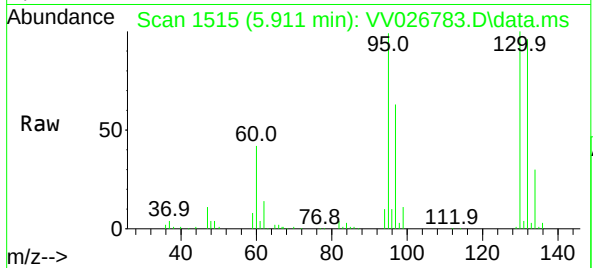




#34
Trichloroethene
Concen: 5.404 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VV026783.D
Acq: 14 Jul 2022 17:31

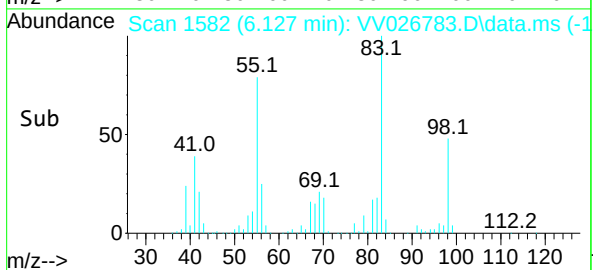
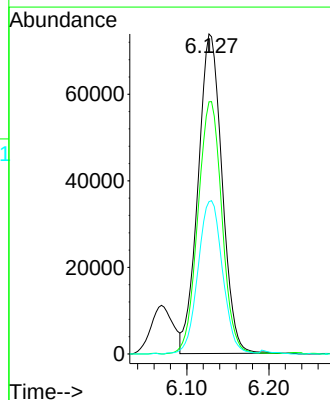
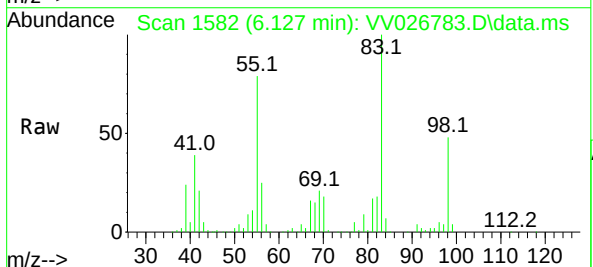
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

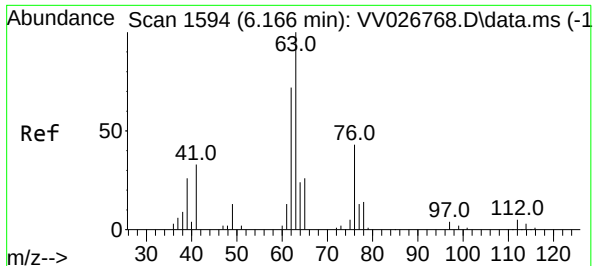
Tgt Ion: 95 Resp: 102756
Ion Ratio Lower Upper
95 100
97 63.5 44.6 82.8
132 96.7 70.2 130.4
130 100.7 70.9 131.7



#35
Methylcyclohexane
Concen: 5.177 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV026783.D
Acq: 14 Jul 2022 17:31

Tgt Ion: 83 Resp: 150250
Ion Ratio Lower Upper
83 100
55 79.1 59.5 89.3
98 49.1 38.3 57.5





#37

1,2-Dichloropropane

Concen: 5.674 ug/L

RT: 6.172 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV026783.D

Acq: 14 Jul 2022 17:31

Instrument :

MSVOA_V

ClientSampleId :

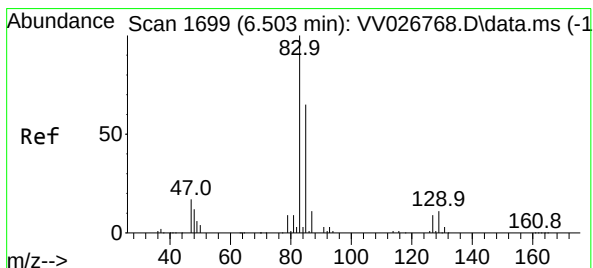
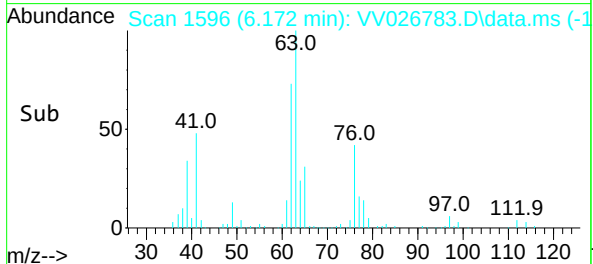
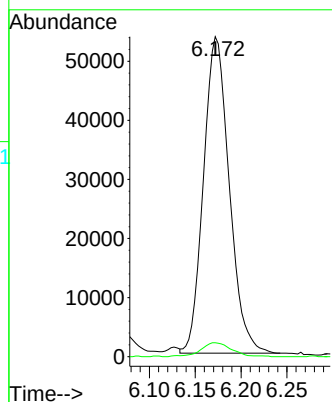
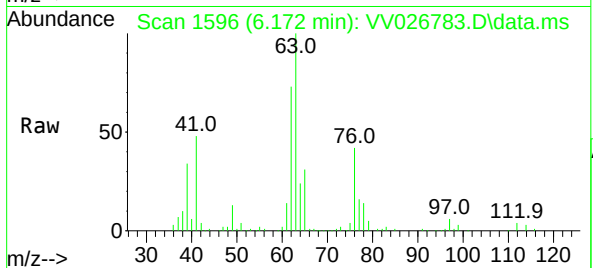
VSTD005354

Tgt Ion: 63 Resp: 104985

Ion Ratio Lower Upper

63 100

112 5.3 4.2 6.2



#38

Bromodichloromethane

Concen: 5.494 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VV026783.D

Acq: 14 Jul 2022 17:31

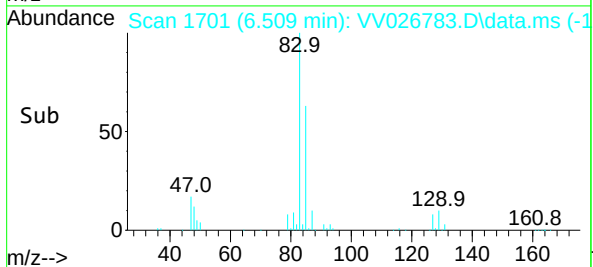
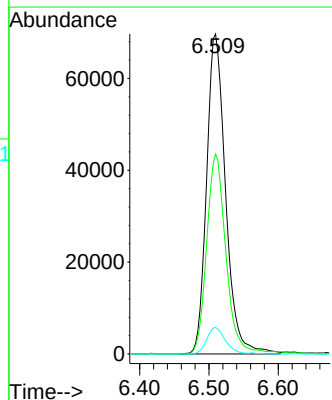
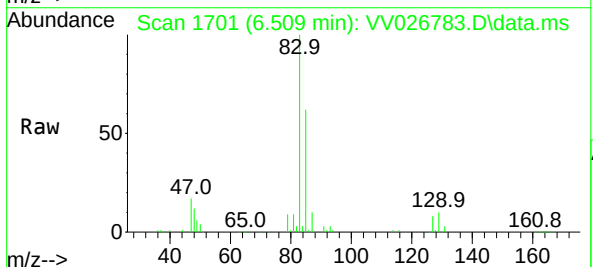
Tgt Ion: 83 Resp: 132524

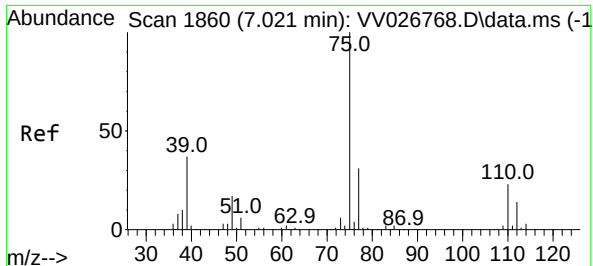
Ion Ratio Lower Upper

83 100

85 62.5 45.4 84.4

127 8.3 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.232 ug/L

RT: 7.027 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV026783.D

Acq: 14 Jul 2022 17:31

Instrument :

MSVOA_V

ClientSampleId :

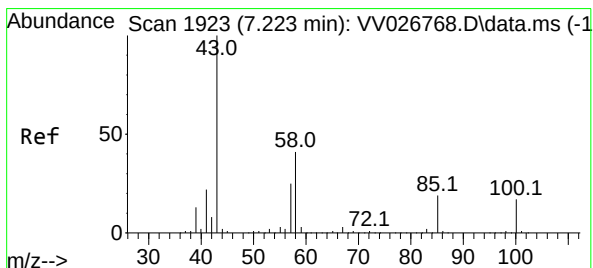
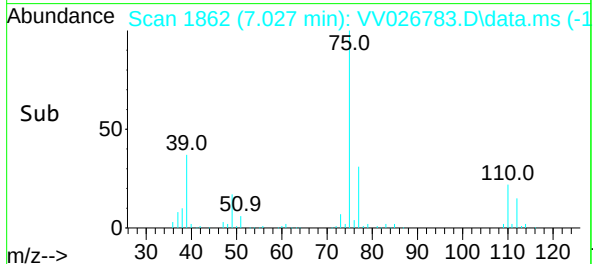
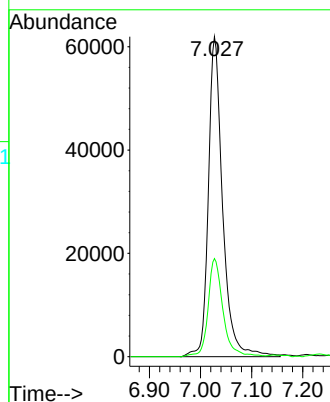
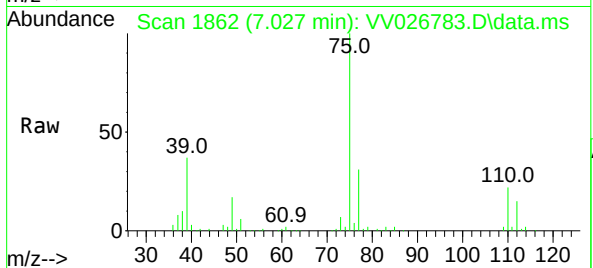
VSTD005354

Tgt Ion: 75 Resp: 120295

Ion Ratio Lower Upper

75 100

77 30.6 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 58.180 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.006 min

Lab File: VV026783.D

Acq: 14 Jul 2022 17:31

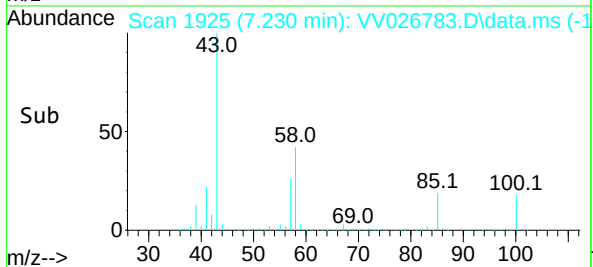
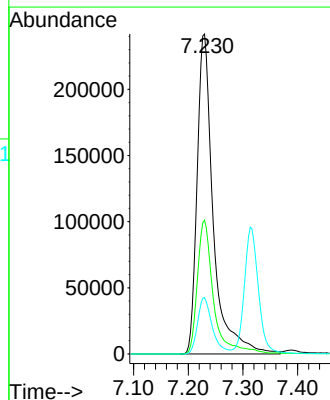
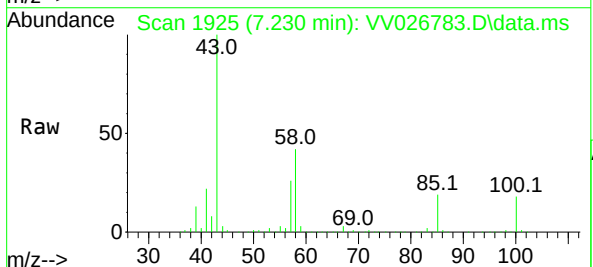
Tgt Ion: 43 Resp: 497217

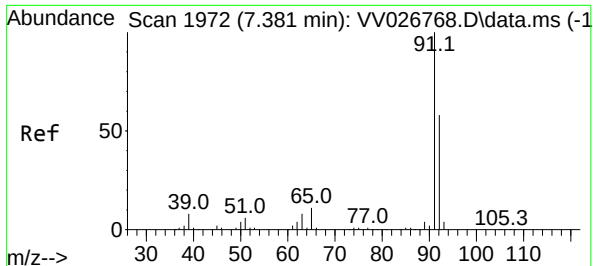
Ion Ratio Lower Upper

43 100

58 41.6 34.6 51.8

100 15.9 13.6 20.4

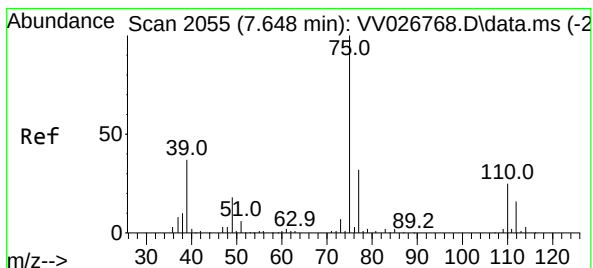
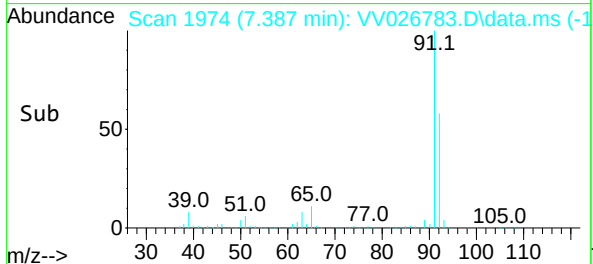
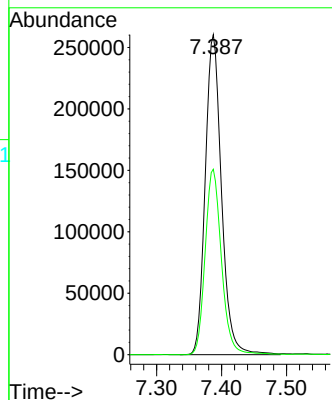
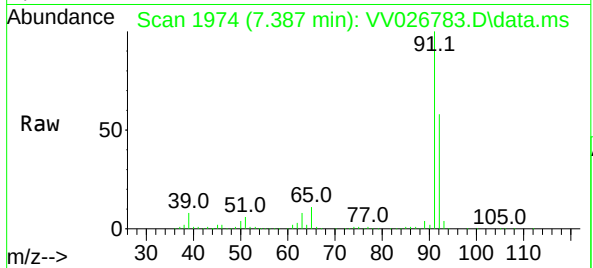




#42
Toluene
Concen: 5.808 ug/L
RT: 7.387 min Scan# 1972
Delta R.T. 0.006 min
Lab File: VV026783.D
Acq: 14 Jul 2022 17:31

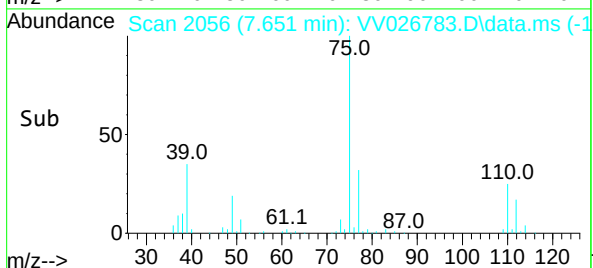
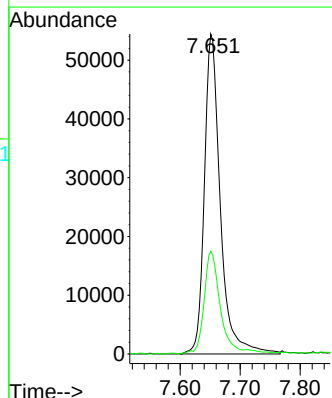
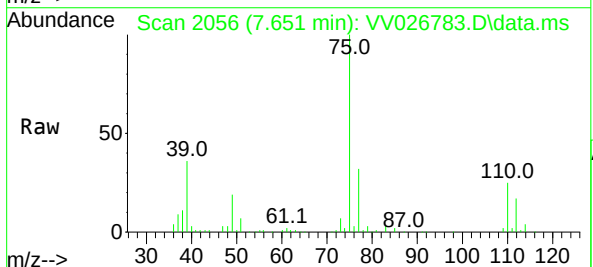
Instrument : MSVOA_V
ClientSampleId : VSTD005354

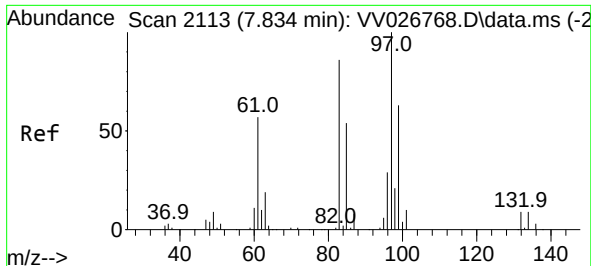
Tgt Ion: 91 Resp: 453839
Ion Ratio Lower Upper
91 100
92 58.0 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 5.334 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VV026783.D
Acq: 14 Jul 2022 17:31

Tgt Ion: 75 Resp: 100704
Ion Ratio Lower Upper
75 100
77 32.0 22.7 42.3

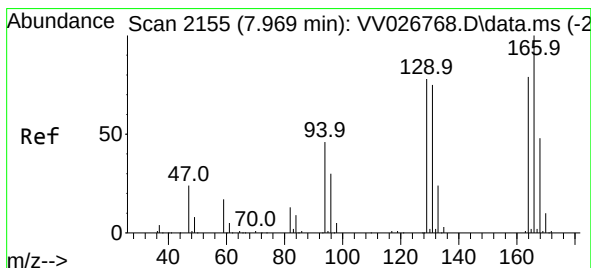
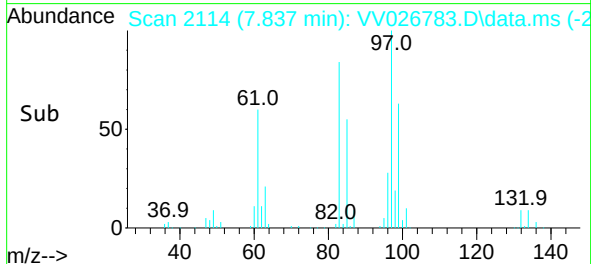
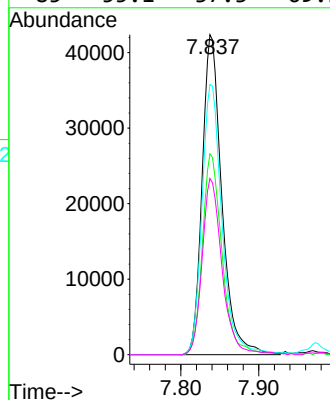
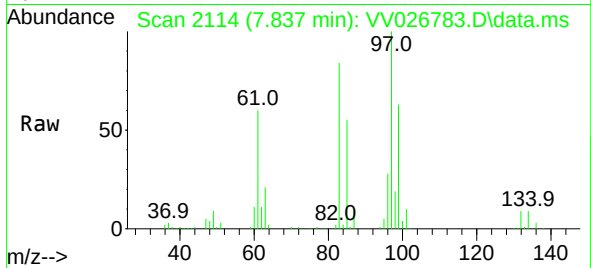




#45
 1,1,2-Trichloroethane
 Concen: 5.499 ug/L
 RT: 7.837 min Scan# 2113
 Delta R.T. 0.003 min
 Lab File: VV026783.D
 Acq: 14 Jul 2022 17:31

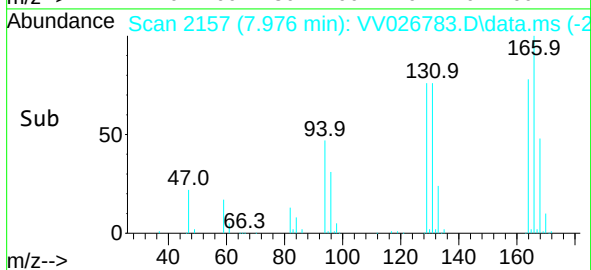
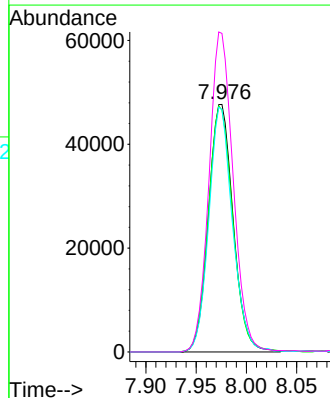
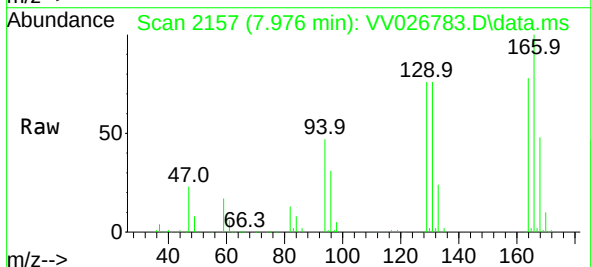
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005354

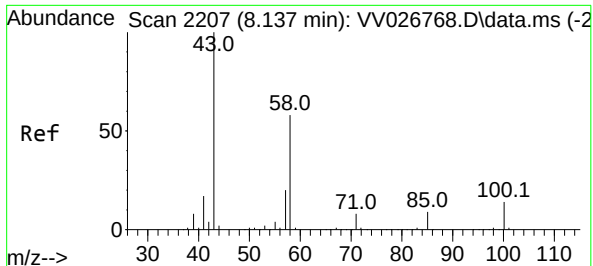
Tgt Ion:	97	Resp:	74376
Ion	Ratio	Lower	Upper
97	100		
99	62.8	41.9	77.9
83	84.4	58.1	107.9
85	55.1	37.3	69.3



#47
 Tetrachloroethene
 Concen: 5.439 ug/L
 RT: 7.976 min Scan# 2157
 Delta R.T. 0.006 min
 Lab File: VV026783.D
 Acq: 14 Jul 2022 17:31

Tgt Ion:	164	Resp:	81119
Ion	Ratio	Lower	Upper
164	100		
129	97.7	67.8	125.8
131	97.9	65.9	122.5
166	128.7	88.8	164.8

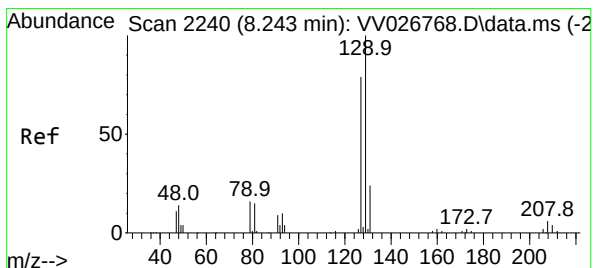
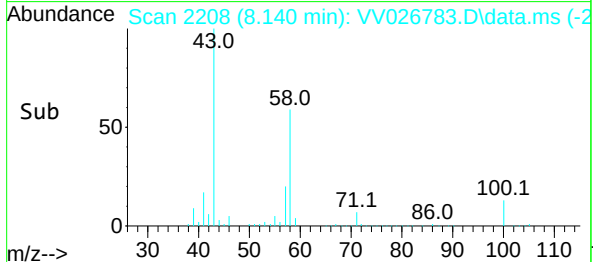
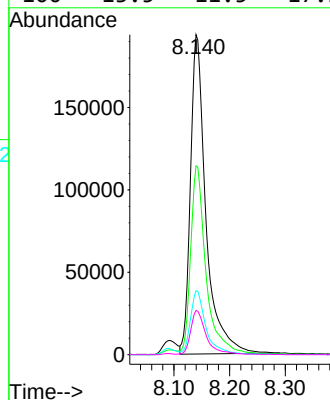
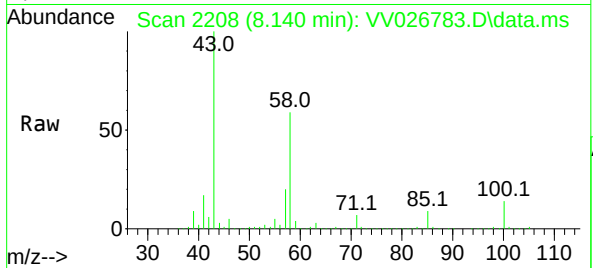




#48
2-Hexanone
Concen: 60.475 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026783.D
Acq: 14 Jul 2022 17:31

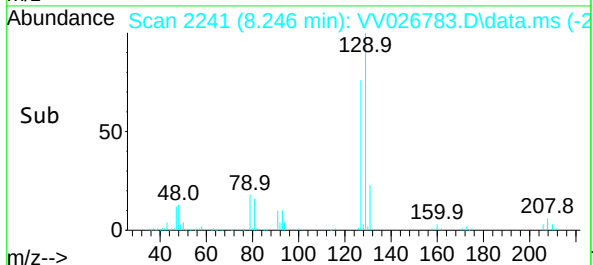
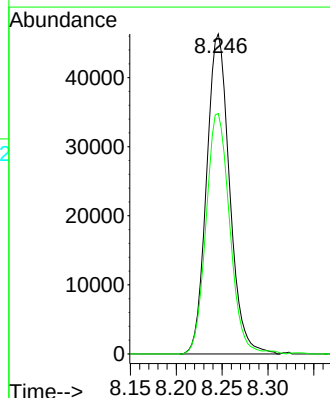
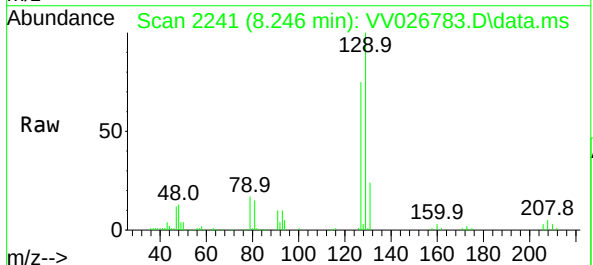
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

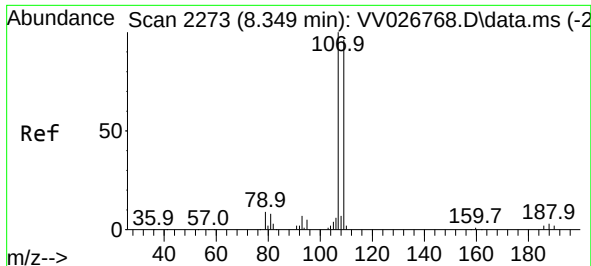
Tgt Ion: 43 Resp: 374058
Ion Ratio Lower Upper
43 100
58 58.6 47.9 71.9
57 20.3 16.3 24.5
100 13.5 11.5 17.3



#49
Dibromochloromethane
Concen: 5.182 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV026783.D
Acq: 14 Jul 2022 17:31

Tgt Ion: 129 Resp: 80776
Ion Ratio Lower Upper
129 100
127 75.1 55.7 103.5





#50

1,2-Dibromoethane

Concen: 5.642 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026783.D

Acq: 14 Jul 2022 17:31

Instrument :

MSVOA_V

ClientSampleId :

VSTD005354

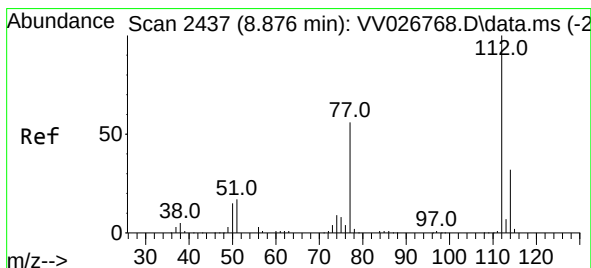
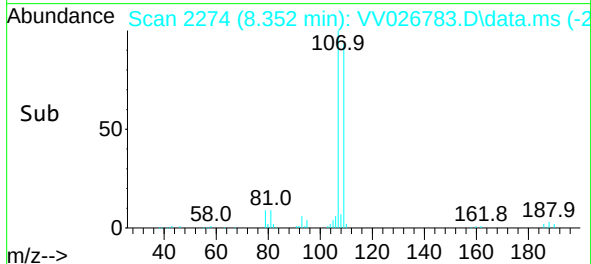
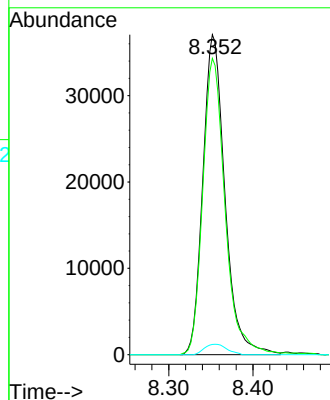
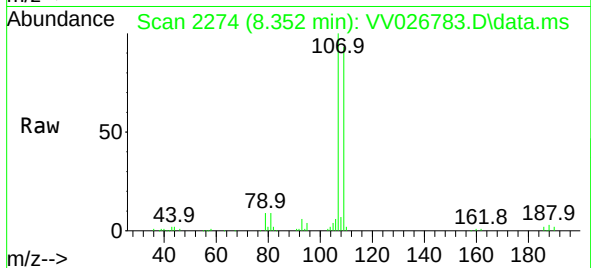
Tgt Ion:107 Resp: 67513

Ion Ratio Lower Upper

107 100

109 92.6 68.0 126.4

188 3.2 2.8 4.2



#51

Chlorobenzene

Concen: 5.550 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV026783.D

Acq: 14 Jul 2022 17:31

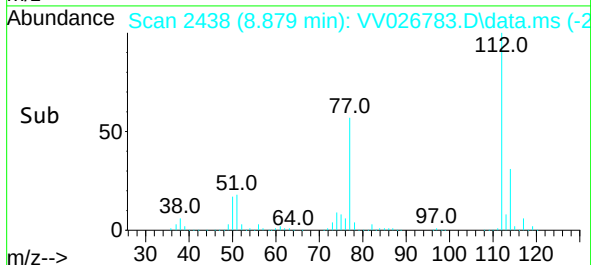
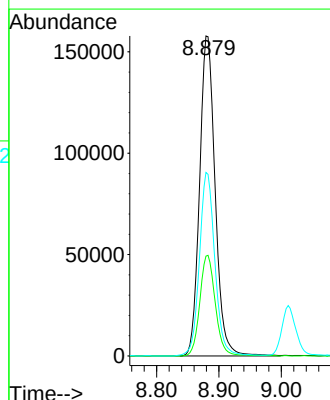
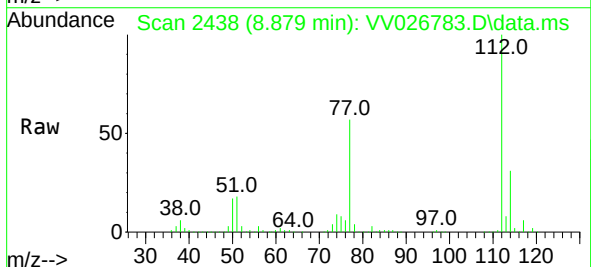
Tgt Ion:112 Resp: 274215

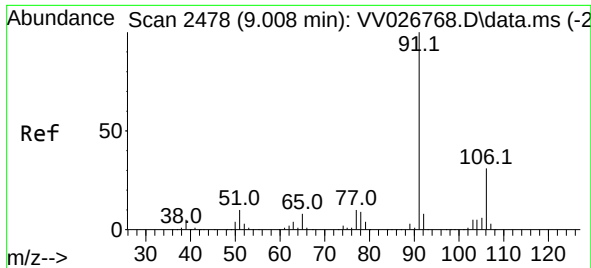
Ion Ratio Lower Upper

112 100

114 31.2 22.7 42.1

77 57.3 46.6 70.0

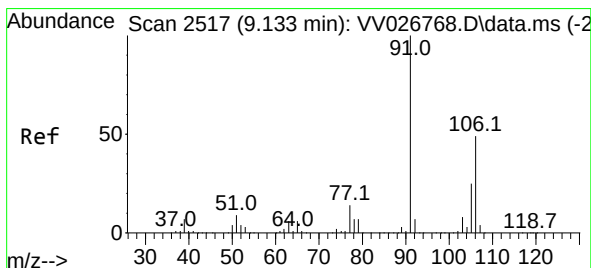
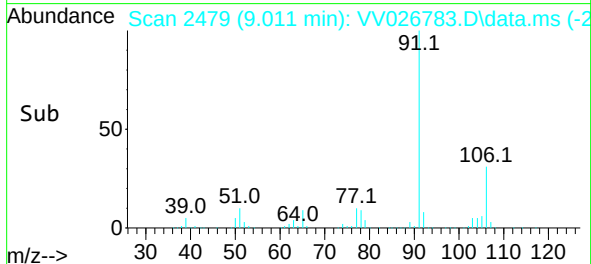
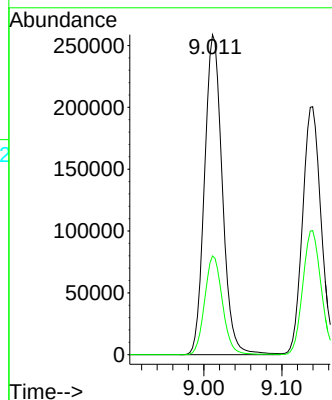
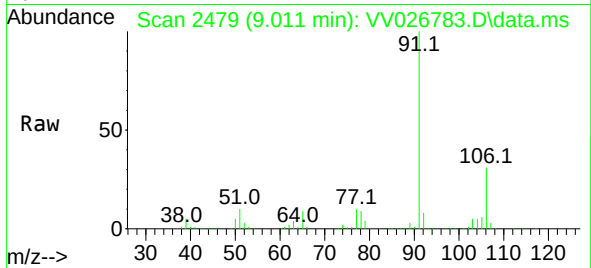




#52
Ethylbenzene
Concen: 5.315 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV026783.D
Acq: 14 Jul 2022 17:31

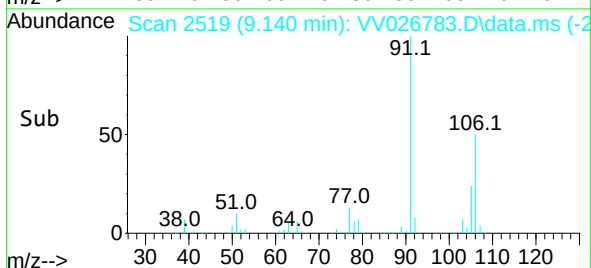
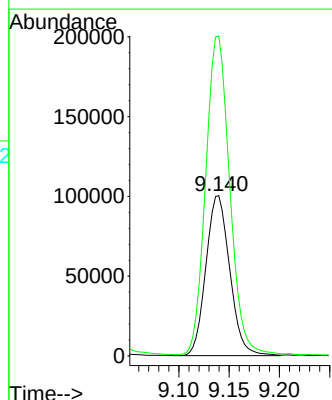
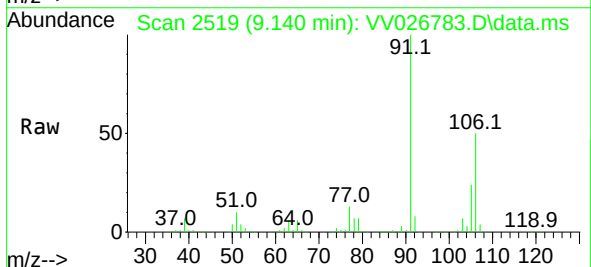
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

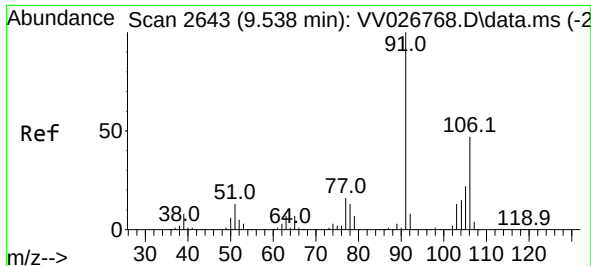
Tgt Ion: 91 Resp: 410996
Ion Ratio Lower Upper
91 100
106 30.8 21.6 40.2



#53
m,p-Xylene
Concen: 5.508 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.006 min
Lab File: VV026783.D
Acq: 14 Jul 2022 17:31

Tgt Ion: 106 Resp: 165631
Ion Ratio Lower Upper
106 100
91 199.7 139.3 258.7

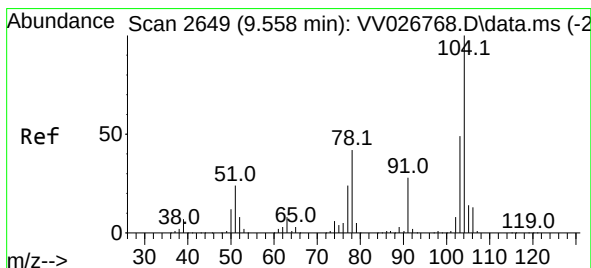
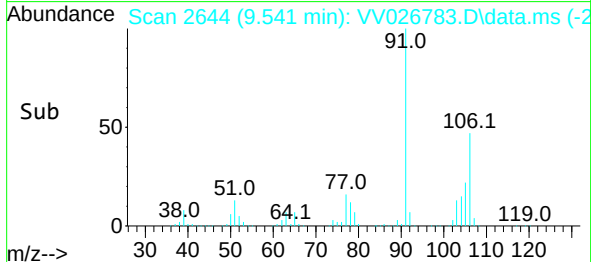
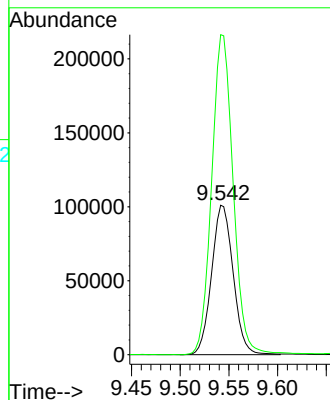
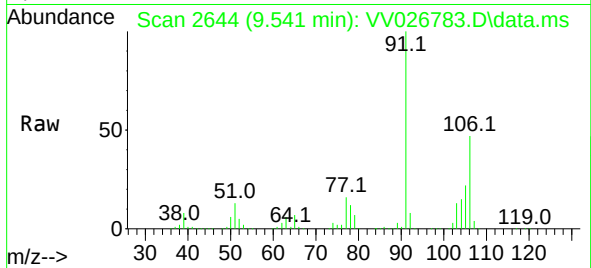




#54
o-Xylene
Concen: 5.442 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV026783.D
Acq: 14 Jul 2022 17:31

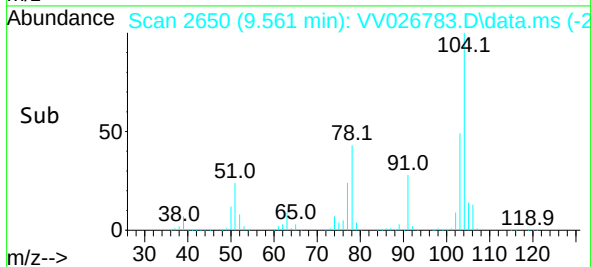
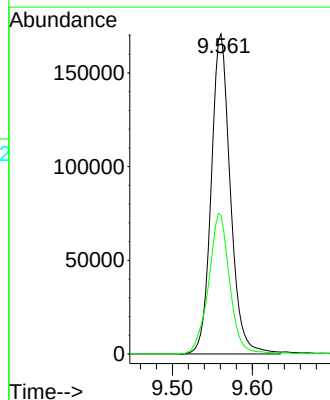
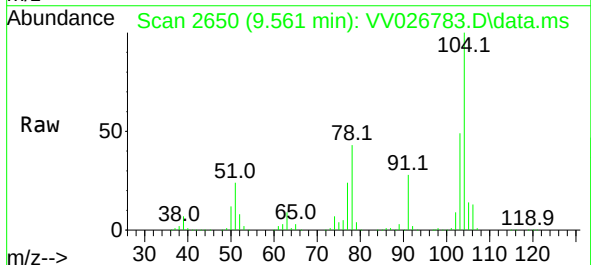
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

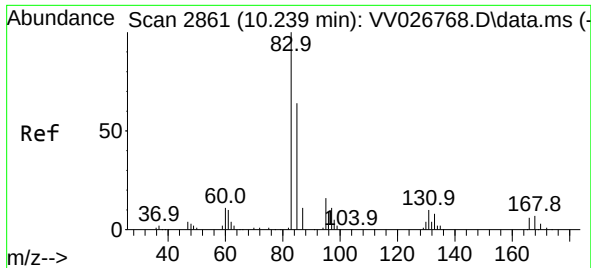
Tgt Ion:106 Resp: 155542
Ion Ratio Lower Upper
106 100
91 214.1 151.1 280.7



#55
Styrene
Concen: 5.676 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV026783.D
Acq: 14 Jul 2022 17:31

Tgt Ion:104 Resp: 284296
Ion Ratio Lower Upper
104 100
78 43.3 29.5 54.9

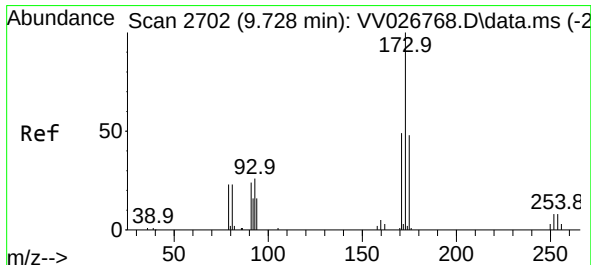
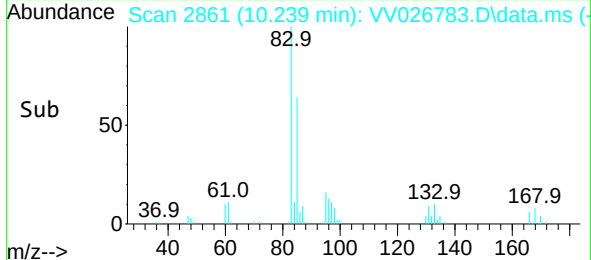
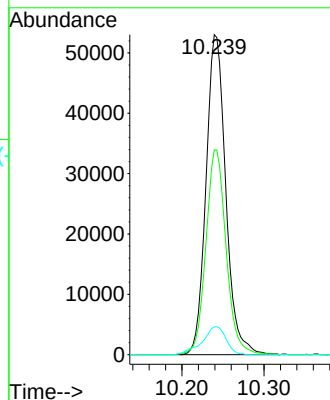
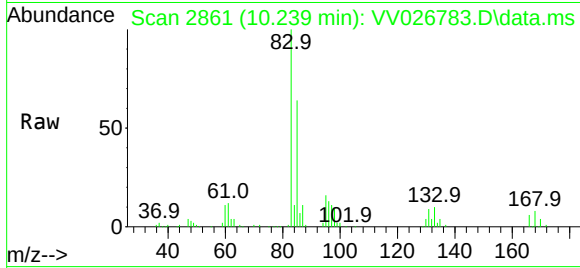




#57
1,1,2,2-Tetrachloroethane
Concen: 5.540 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV026783.D
Acq: 14 Jul 2022 17:31

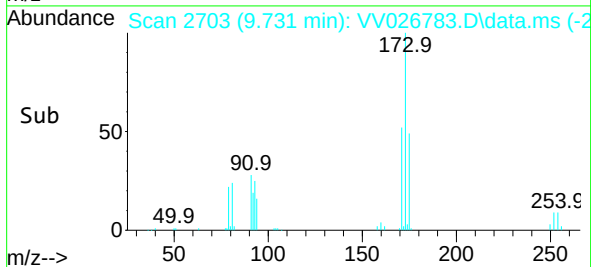
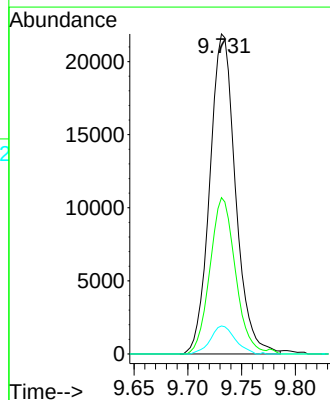
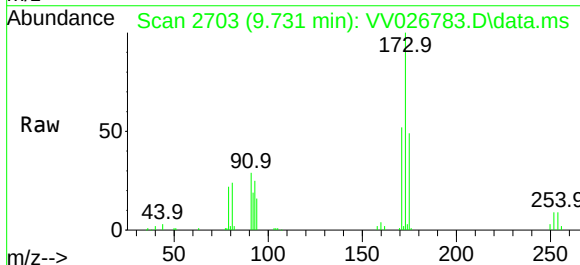
Instrument : MSVOA_V
ClientSampleId : VSTD005354

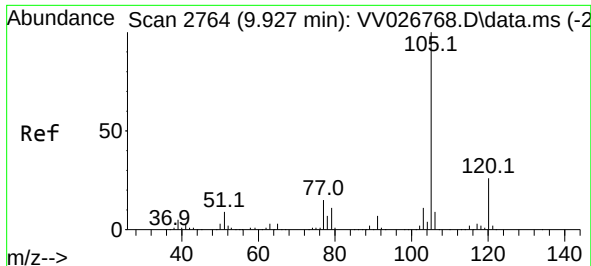
Tgt Ion: 83 Resp: 88697
Ion Ratio Lower Upper
83 100
85 64.1 43.6 81.0
131 8.7 7.4 11.2



#59
Bromoform
Concen: 4.667 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV026783.D
Acq: 14 Jul 2022 17:31

Tgt Ion: 173 Resp: 36459
Ion Ratio Lower Upper
173 100
175 48.3 40.7 61.1
254 8.4 6.5 9.7

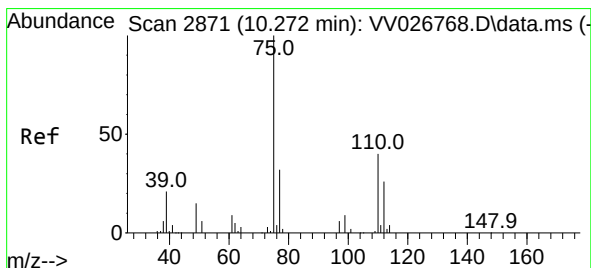
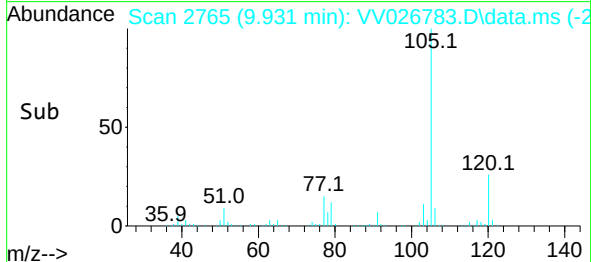
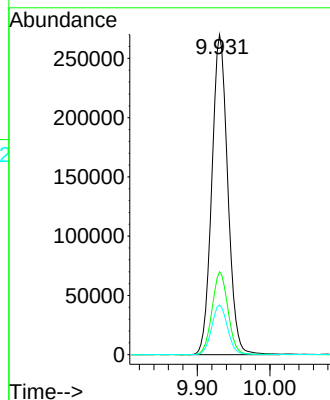
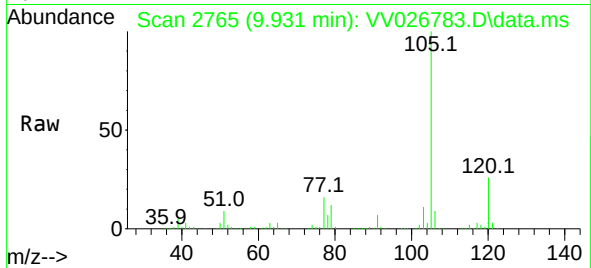




#60
Isopropylbenzene
Concen: 5.430 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026783.D
Acq: 14 Jul 2022 17:31

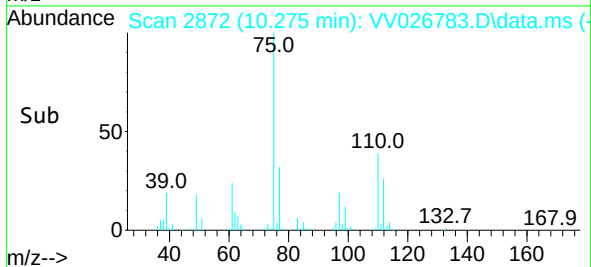
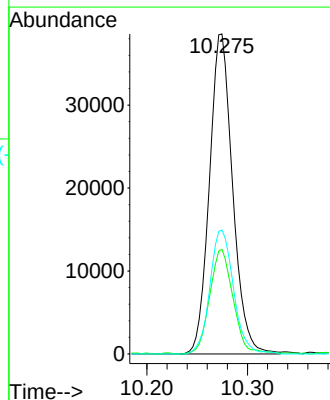
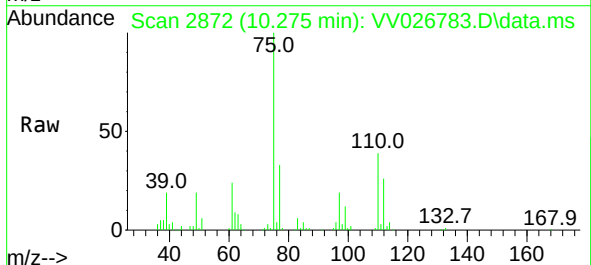
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

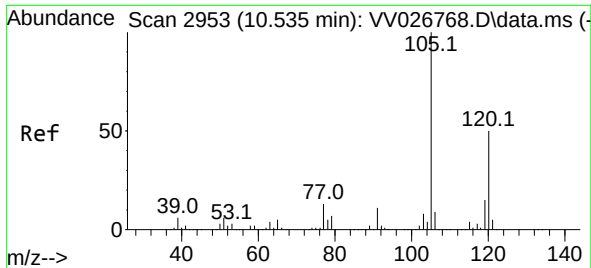
Tgt Ion:105 Resp: 412366
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 15.6 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.513 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV026783.D
Acq: 14 Jul 2022 17:31

Tgt Ion: 75 Resp: 61899
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.0
110 39.4 31.8 47.6

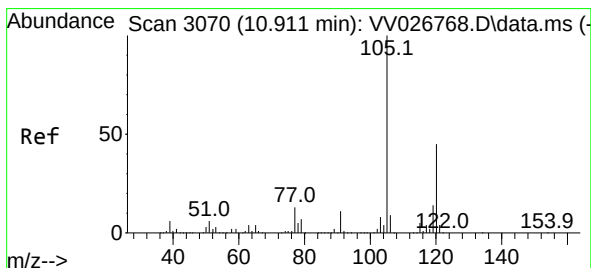
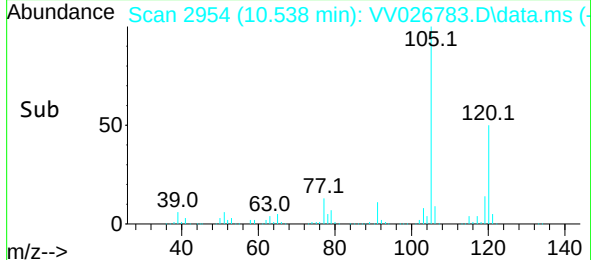
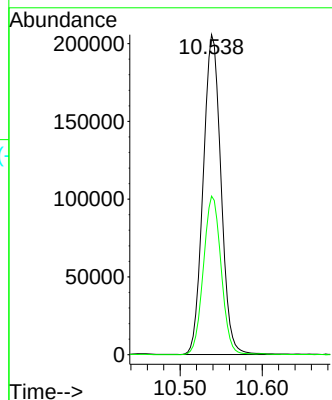
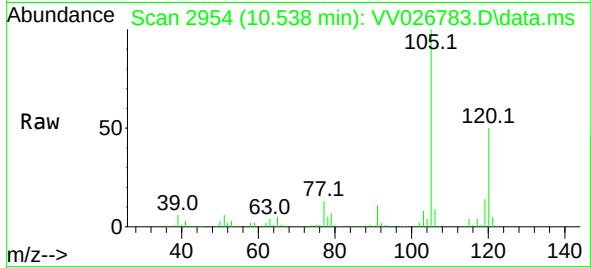




#62
 1,3,5-Trimethylbenzene
 Concen: 5.130 ug/L
 RT: 10.538 min Scan# 2953
 Delta R.T. 0.003 min
 Lab File: VV026783.D
 Acq: 14 Jul 2022 17:31

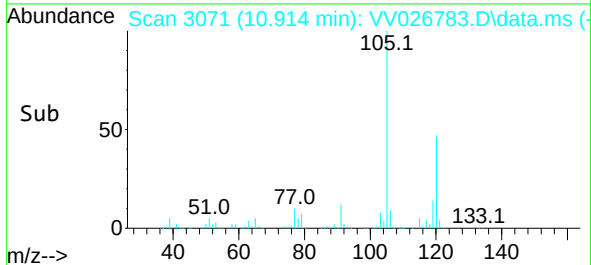
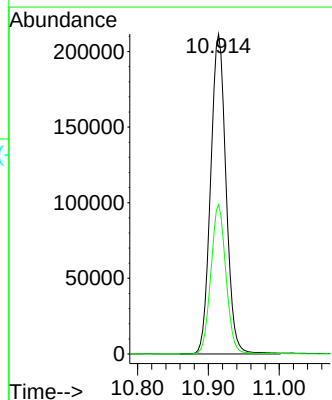
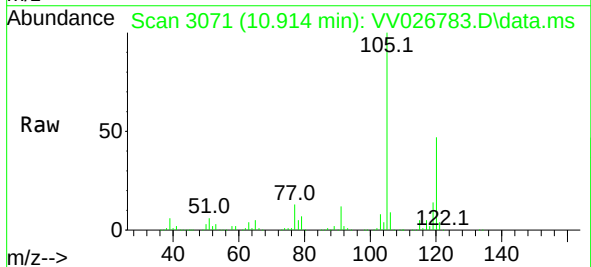
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005354

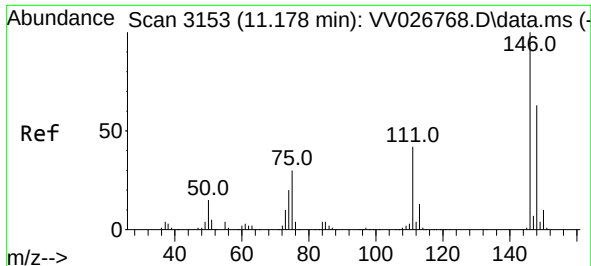
Tgt Ion:105 Resp: 309954
 Ion Ratio Lower Upper
 105 100
 120 49.6 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 5.196 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV026783.D
 Acq: 14 Jul 2022 17:31

Tgt Ion:105 Resp: 318802
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.8 55.2

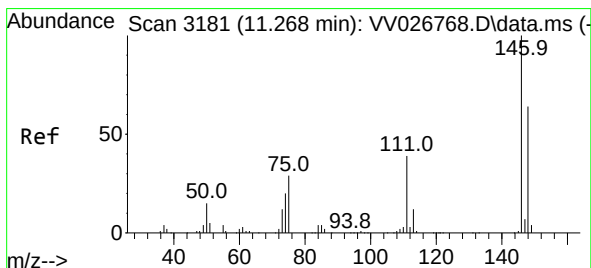
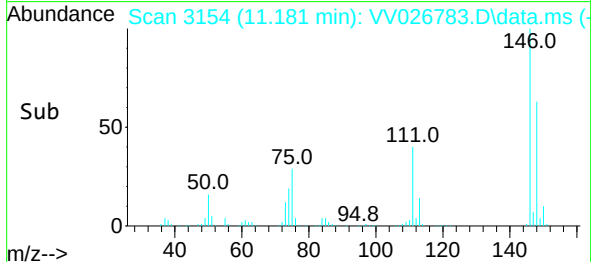
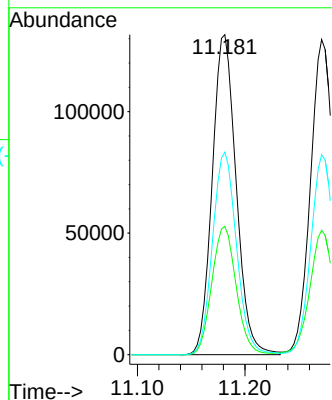
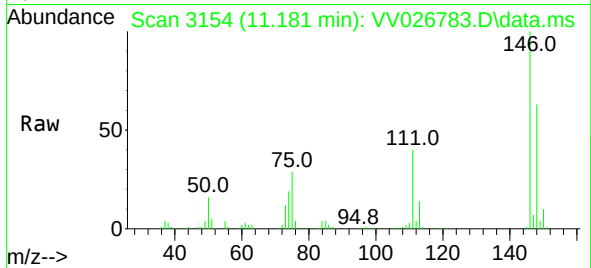




#64
1,3-Dichlorobenzene
Concen: 5.467 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV026783.D
Acq: 14 Jul 2022 17:31

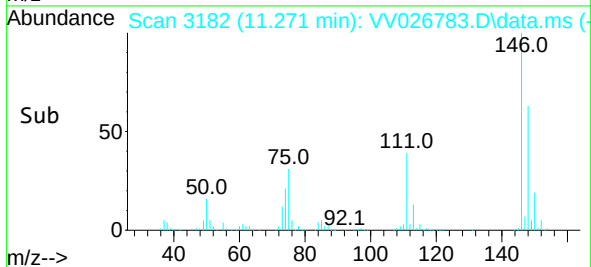
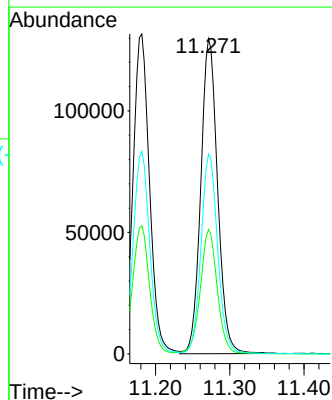
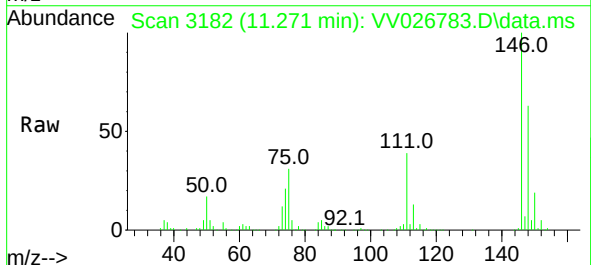
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

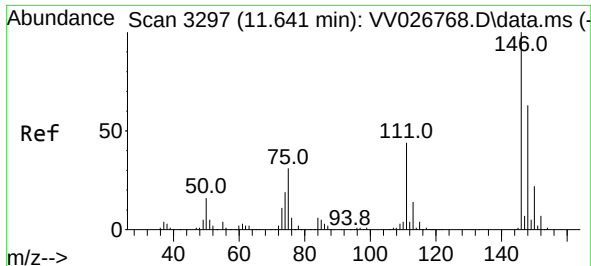
Tgt Ion:146 Resp: 203405
Ion Ratio Lower Upper
146 100
111 40.1 27.9 51.7
148 63.3 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 5.396 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV026783.D
Acq: 14 Jul 2022 17:31

Tgt Ion:146 Resp: 204158
Ion Ratio Lower Upper
146 100
111 39.5 26.8 49.8
148 63.4 43.3 80.5

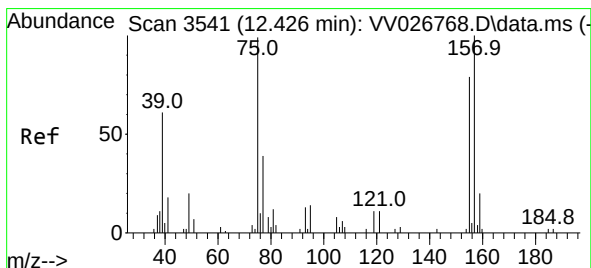
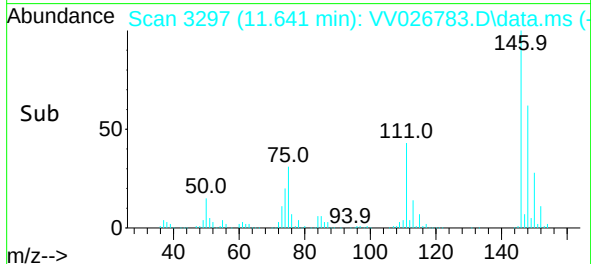
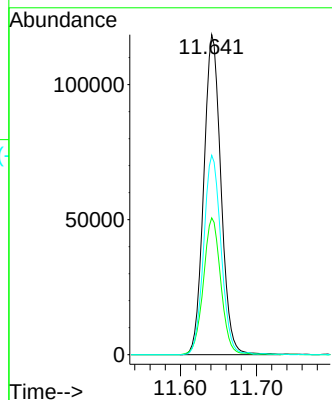
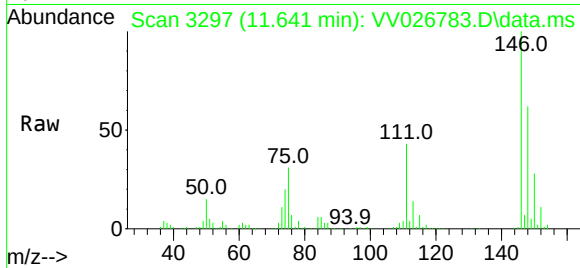




#67
 1,2-Dichlorobenzene
 Concen: 5.352 ug/L
 RT: 11.641 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV026783.D
 Acq: 14 Jul 2022 17:31

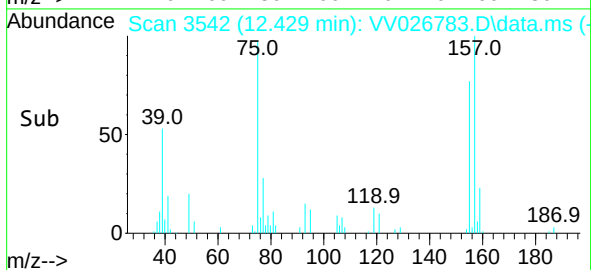
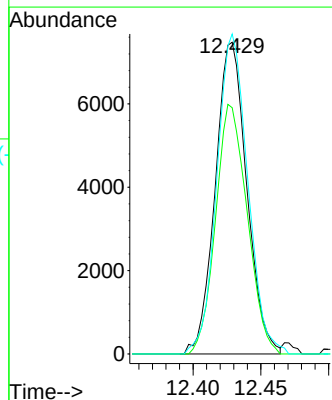
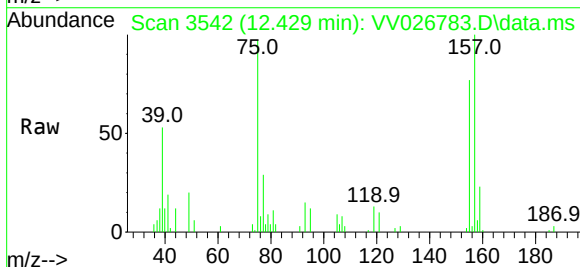
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005354

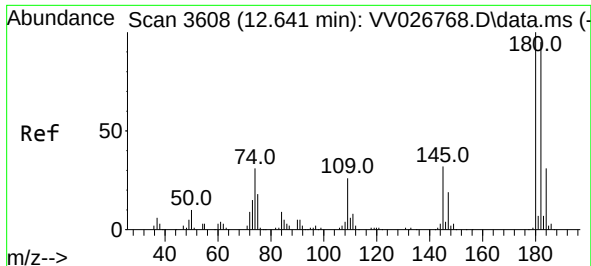
Tgt Ion:146 Resp: 185974
 Ion Ratio Lower Upper
 146 100
 111 42.8 34.6 52.0
 148 62.3 51.0 76.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.088 ug/L
 RT: 12.429 min Scan# 3542
 Delta R.T. 0.003 min
 Lab File: VV026783.D
 Acq: 14 Jul 2022 17:31

Tgt Ion: 75 Resp: 12111
 Ion Ratio Lower Upper
 75 100
 155 79.0 60.3 90.5
 157 102.7 78.2 117.4

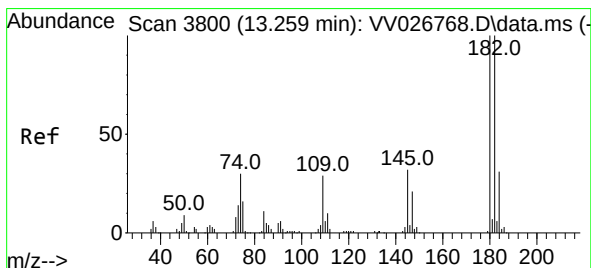
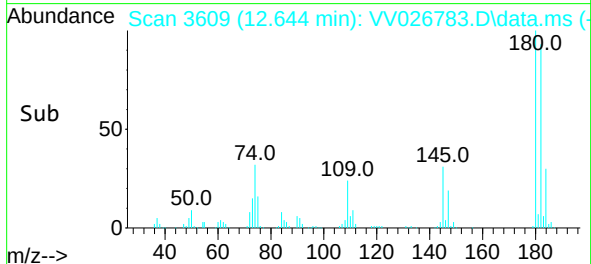
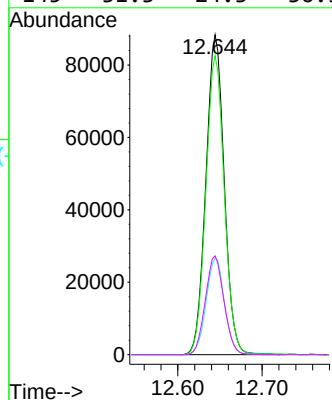
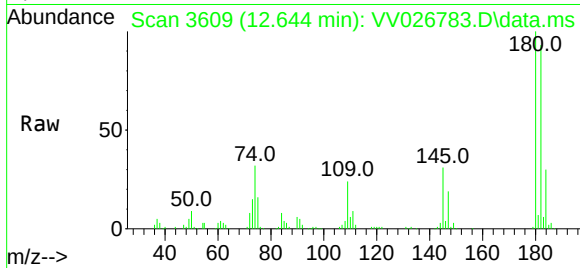




#69
1,3,5-Trichlorobenzene
Concen: 5.096 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. 0.003 min
Lab File: VV026783.D
Acq: 14 Jul 2022 17:31

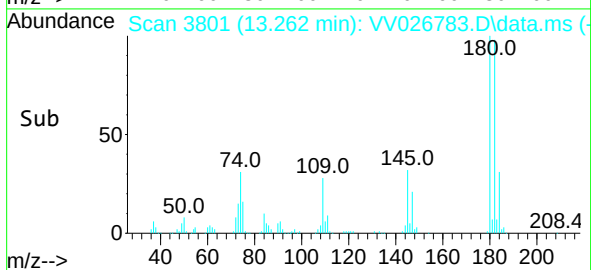
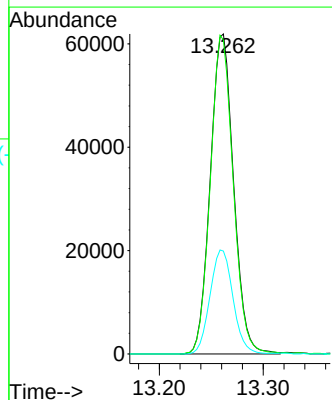
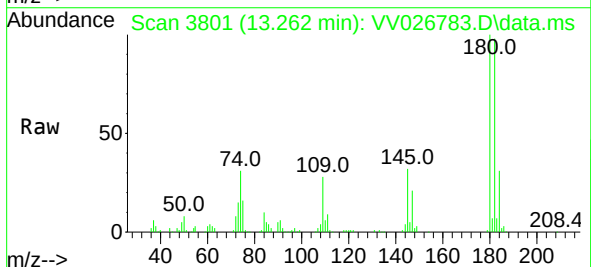
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

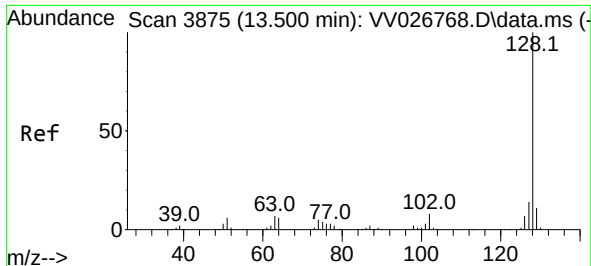
Tgt Ion:180 Resp: 134014
Ion Ratio Lower Upper
180 100
182 93.8 74.0 111.0
184 30.3 23.1 34.7
145 31.3 24.3 36.5



#70
1,2,4-trichlorobenzene
Concen: 4.818 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV026783.D
Acq: 14 Jul 2022 17:31

Tgt Ion:180 Resp: 96357
Ion Ratio Lower Upper
180 100
182 97.9 74.7 112.1
145 32.1 24.7 37.1

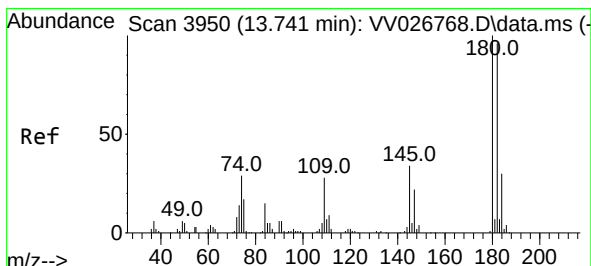
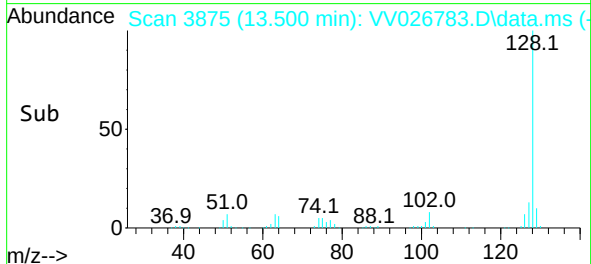
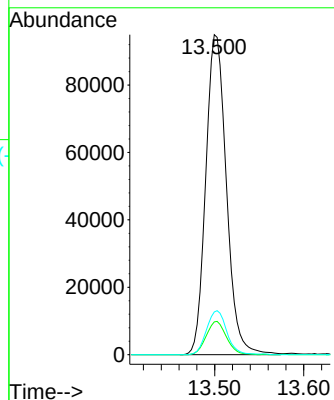
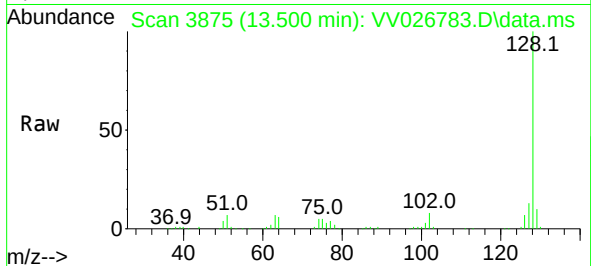




#71
Naphthalene
Concen: 4.609 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV026783.D
Acq: 14 Jul 2022 17:31

Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

Tgt Ion:128 Resp: 152718
Ion Ratio Lower Upper
128 100
129 10.2 8.4 12.6
127 13.6 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 4.869 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV026783.D
Acq: 14 Jul 2022 17:31

Tgt Ion:180 Resp: 90622
Ion Ratio Lower Upper
180 100
182 96.3 75.0 112.4
145 34.3 26.0 39.0

