

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071522\
 Data File : VW026803.D
 Acq On : 15 Jul 2022 20:16
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005356

Quant Time: Jul 16 00:58:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 16 00:49:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	261433	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	257336	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	136518	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	99019	4.152	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.565	69	87196	4.231	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.105	63	186035	4.063	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	3.896	46	208478	56.007	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.020%
24) Chloroform-d	4.346	84	189332	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.031	65	84982	4.664	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.047	84	355111	4.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.066	67	109535	4.672	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.314	98	315506	4.545	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	7.622	79	34371	4.481	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.088	63	166896	50.254	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.500%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	86674	4.745	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	108608	4.566	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	155542	4.680	ug/L	100
3) Chloromethane	1.240	50	139635	4.378	ug/L	97
5) Vinyl chloride	1.307	62	148348	4.568	ug/L	100
6) Bromomethane	1.516	94	100157	5.153	ug/L	99
8) Chloroethane	1.581	64	91203	4.767	ug/L	97
9) Trichlorofluoromethane	1.748	101	193570	4.690	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	109988	4.652	ug/L	97
12) 1,1-Dichloroethene	2.114	96	107986	4.711	ug/L	92
13) Acetone	2.188	43	145720	46.528	ug/L #	31
14) Carbon disulfide	2.288	76	310365	4.595	ug/L	99
15) Methyl Acetate	2.439	43	36043	5.690	ug/L	95
16) Methylene chloride	2.503	84	156947	5.748	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	201021	5.090	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	107453	5.100	ug/L	98
19) 1,1-Dichloroethane	3.185	63	198738	5.166	ug/L	99
21) 2-Butanone	3.979	43	203591	55.740	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	107810	5.073	ug/L	100
23) Bromochloromethane	4.246	128	49434	5.050	ug/L	98
25) Chloroform	4.372	83	206138	5.116	ug/L	99

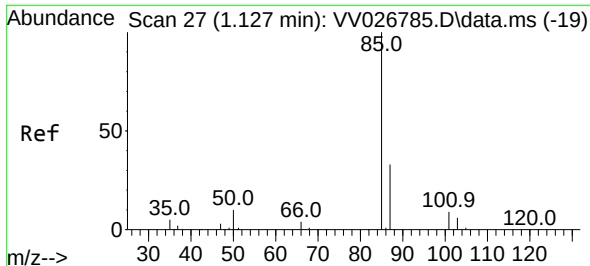
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071522\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 16 00:49:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	109885	5.061	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	173104	4.992	ug/L	100
30) Cyclohexane	4.674	56	145329	4.918	ug/L	100
31) Carbon tetrachloride	4.822	117	150273	4.907	ug/L	97
33) Benzene	5.095	78	439524	5.109	ug/L	100
34) Trichloroethene	5.912	95	106402	5.032	ug/L	98
35) Methylcyclohexane	6.130	83	155274	4.811	ug/L	97
37) 1,2-Dichloropropane	6.172	63	107740	5.237	ug/L	100
38) Bromodichloromethane	6.506	83	133915	4.993	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	124270	4.861	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	510396	53.710	ug/L	98
42) Toluene	7.384	91	460427	5.299	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	106335	5.065	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	75174	4.999	ug/L	98
47) Tetrachloroethene	7.973	164	82902	4.999	ug/L	97
48) 2-Hexanone	8.140	43	375820	54.643	ug/L	99
49) Dibromochloromethane	8.243	129	85591	4.939	ug/L	99
50) 1,2-Dibromoethane	8.352	107	67812	5.096	ug/L	100
51) Chlorobenzene	8.879	112	282401	5.141	ug/L	99
52) Ethylbenzene	9.011	91	436298	5.074	ug/L	99
53) m,p-Xylene	9.137	106	172814	5.168	ug/L	99
54) o-Xylene	9.542	106	160651	5.055	ug/L	100
55) Styrene	9.558	104	292742	5.257	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	87754	4.929	ug/L	96
59) Bromoform	9.728	173	40464	4.619	ug/L	98
60) Isopropylbenzene	9.931	105	433135	5.087	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	63347	5.032	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	323791	4.779	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	338180	4.916	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	212199	5.087	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	210866	4.971	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	193638	4.970	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	12510	4.687	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	141452	4.797	ug/L	97
70) 1,2,4-trichlorobenzene	13.259	180	106441	4.746	ug/L	99
71) Naphthalene	13.500	128	163802	4.409	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	99543	4.770	ug/L	100

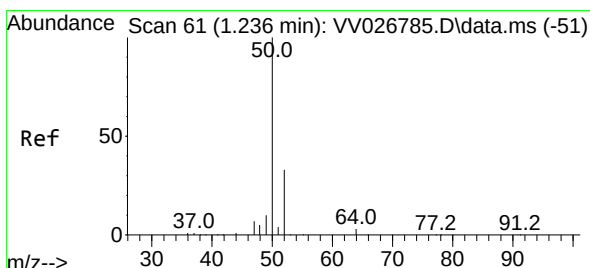
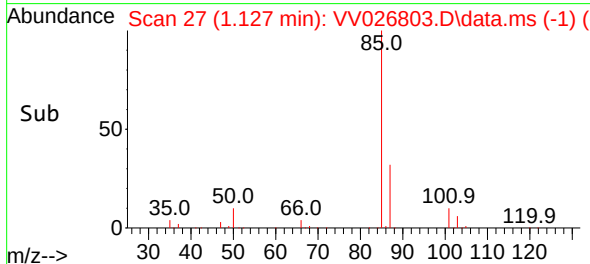
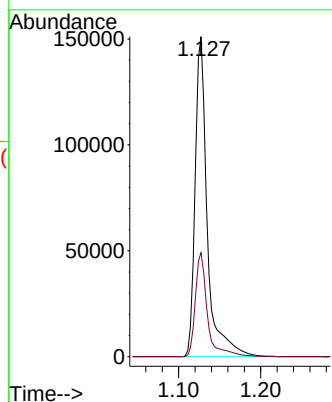
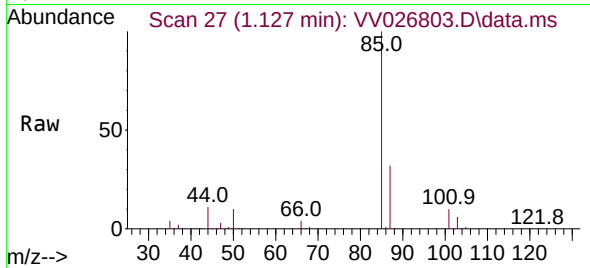
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.680 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV026803.D
 Acq: 15 Jul 2022 20:16

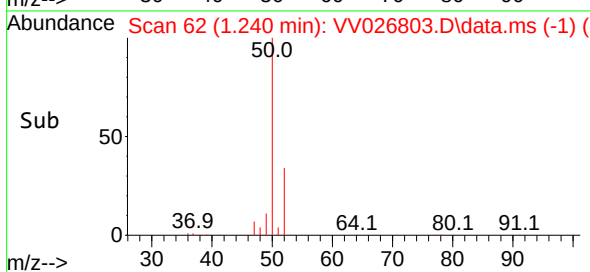
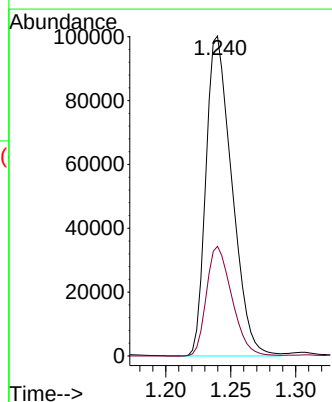
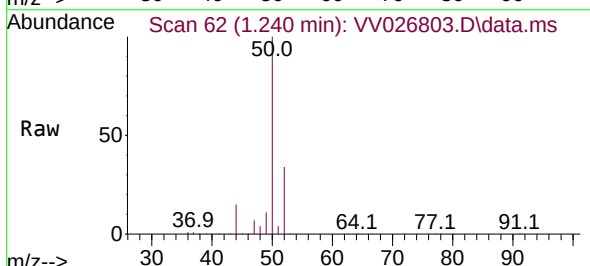
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005356

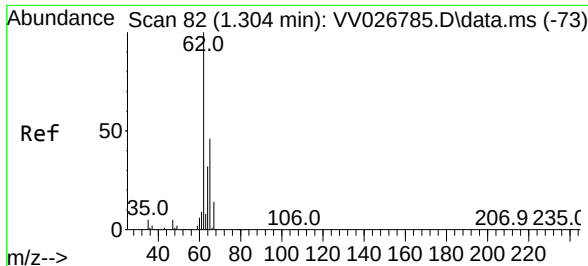
Tgt Ion: 85 Resp: 155542
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.8 38.8



#3
 Chloromethane
 Concen: 4.378 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV026803.D
 Acq: 15 Jul 2022 20:16

Tgt Ion: 50 Resp: 139635
 Ion Ratio Lower Upper
 50 100
 52 34.3 22.8 42.4

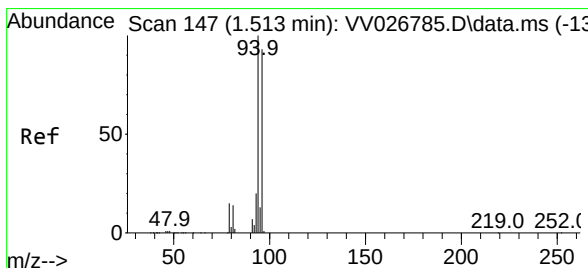
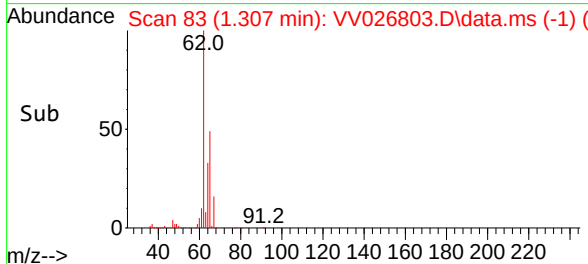
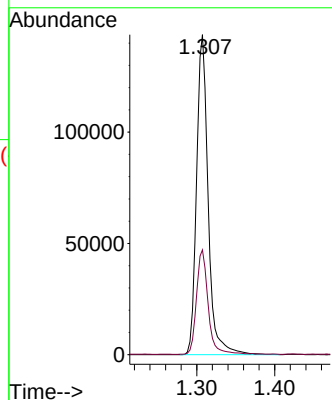
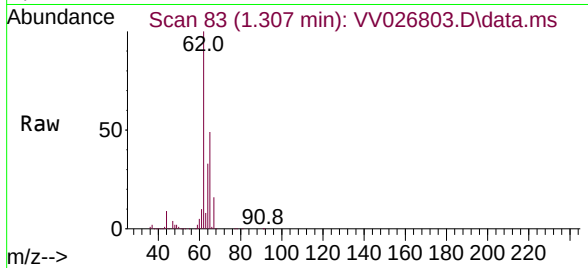




#5
 Vinyl chloride
 Concen: 4.568 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV026803.D
 Acq: 15 Jul 2022 20:16

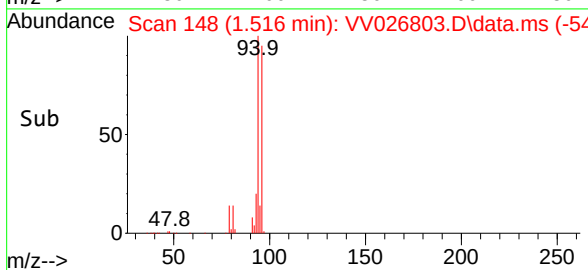
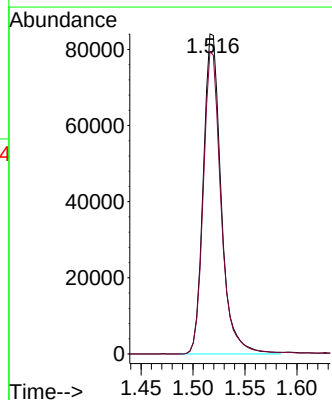
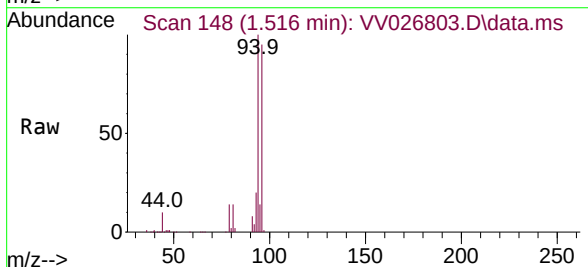
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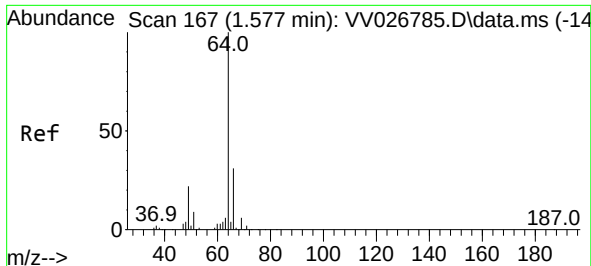
Tgt Ion: 62 Resp: 148348
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.9 42.5



#6
 Bromomethane
 Concen: 5.153 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.003 min
 Lab File: VV026803.D
 Acq: 15 Jul 2022 20:16

Tgt Ion: 94 Resp: 100157
 Ion Ratio Lower Upper
 94 100
 96 94.6 67.1 124.7

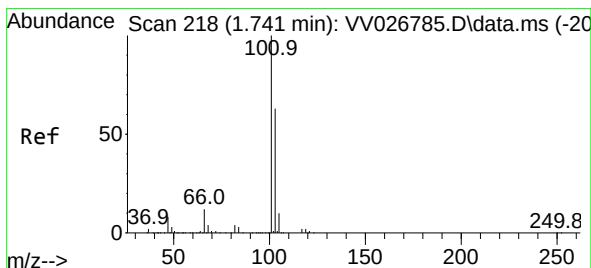
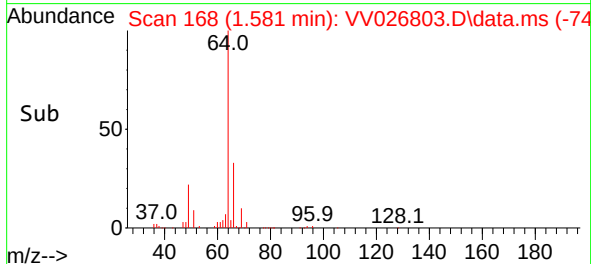
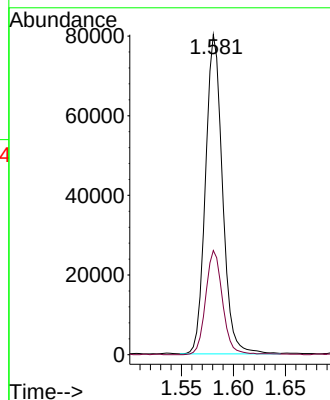
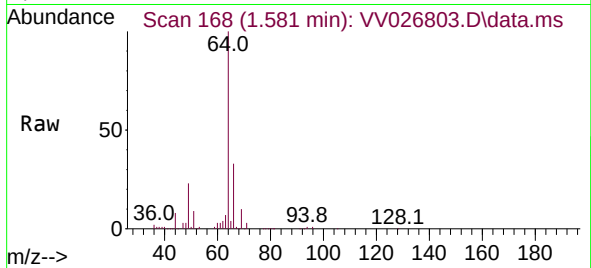




#8
Chloroethane
Concen: 4.767 ug/L
RT: 1.581 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026803.D
Acq: 15 Jul 2022 20:16

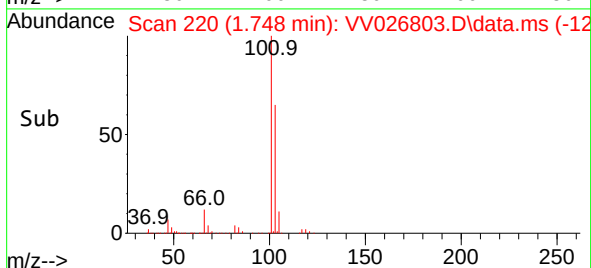
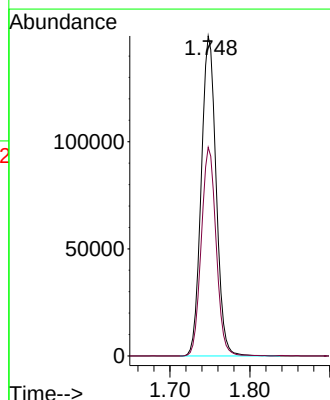
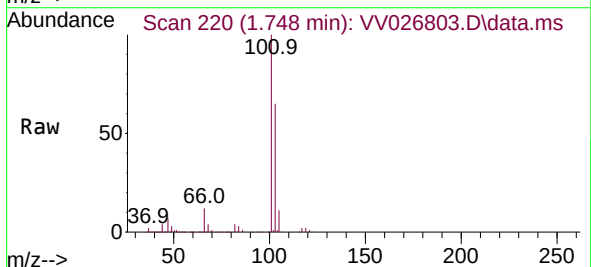
Instrument :
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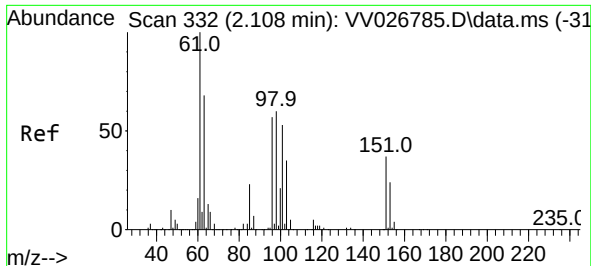
Tgt Ion: 64 Resp: 91203
Ion Ratio Lower Upper
64 100
66 32.5 23.9 44.5



#9
Trichlorofluoromethane
Concen: 4.690 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.007 min
Lab File: VV026803.D
Acq: 15 Jul 2022 20:16

Tgt Ion: 101 Resp: 193570
Ion Ratio Lower Upper
101 100
103 65.1 51.6 77.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.652 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV026803.D

Acq: 15 Jul 2022 20:16

Instrument :

MSVOA_V

ClientSampleId :

VSTD005356

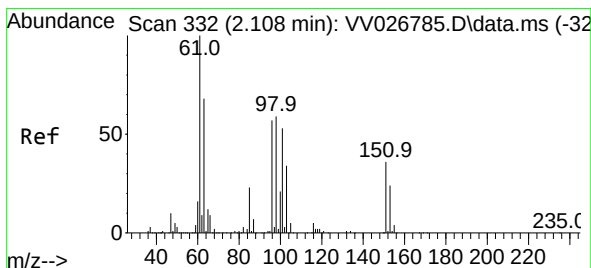
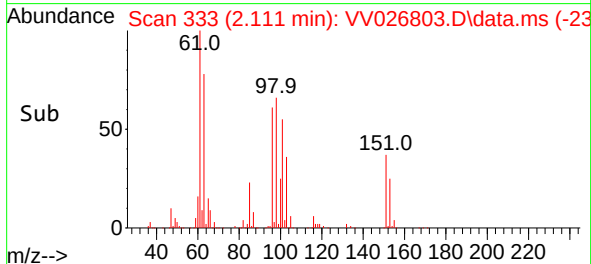
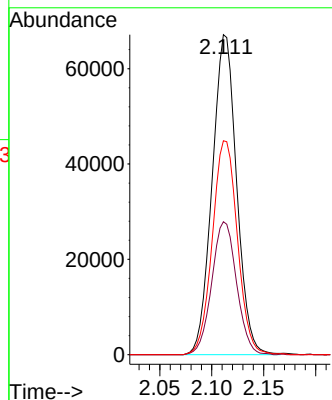
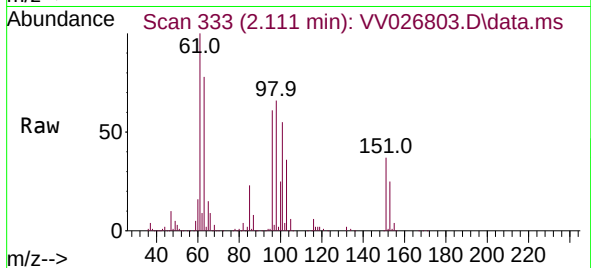
Tgt Ion:101 Resp: 109988

Ion Ratio Lower Upper

101 100

85 42.1 35.0 52.4

151 68.7 56.7 85.1



#12

1,1-Dichloroethene

Concen: 4.711 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.007 min

Lab File: VV026803.D

Acq: 15 Jul 2022 20:16

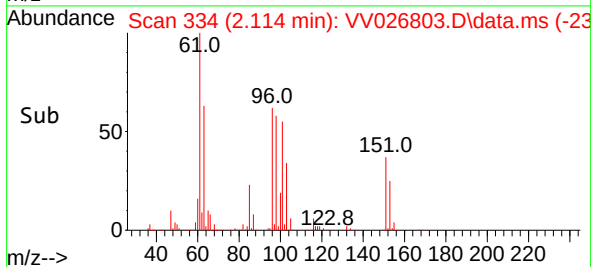
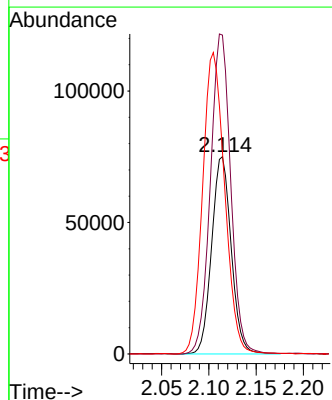
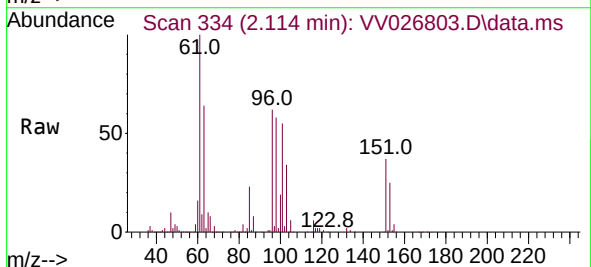
Tgt Ion: 96 Resp: 107986

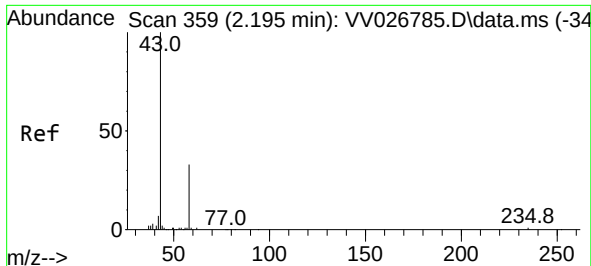
Ion Ratio Lower Upper

96 100

61 161.5 118.3 219.7

63 102.6 79.9 148.3

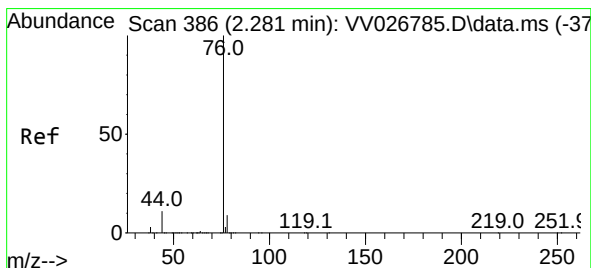
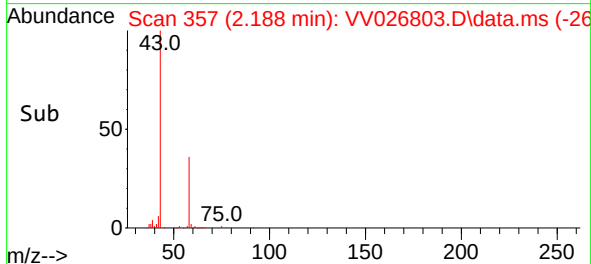
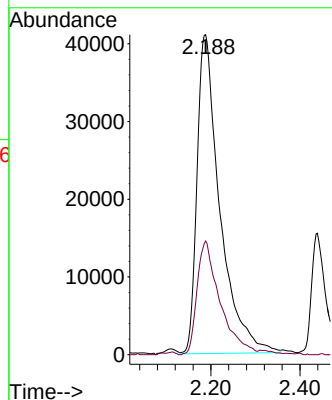
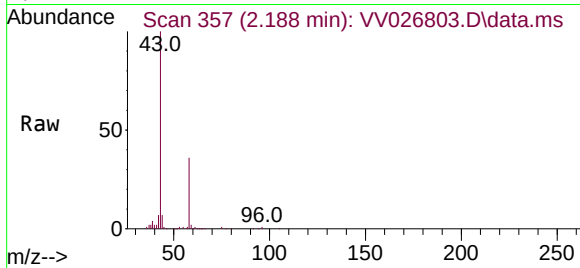




#13
Acetone
Concen: 46.528 ug/L
RT: 2.188 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV026803.D
Acq: 15 Jul 2022 20:16

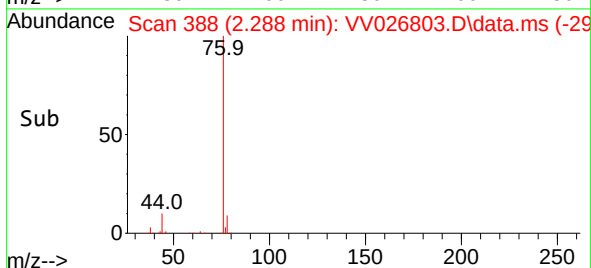
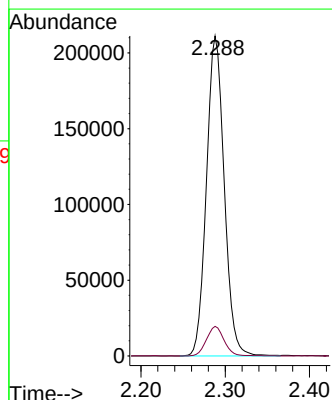
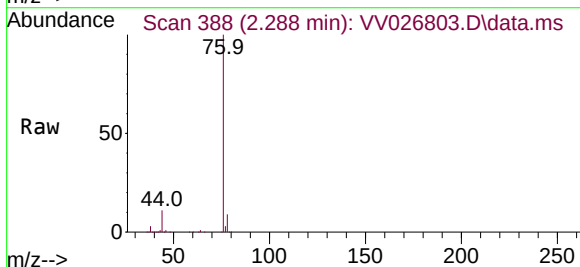
Instrument :
MSVOA_V
ClientSampleId :
VSTD005356

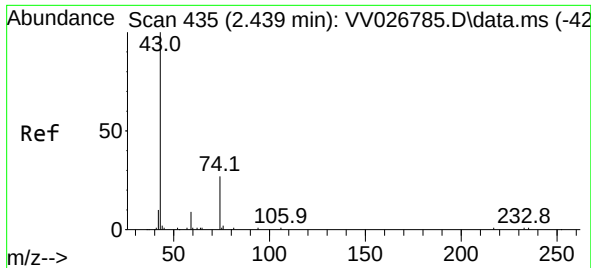
Tgt Ion: 43 Resp: 145720
Ion Ratio Lower Upper
43 100
58 35.9 0.0 20.6#



#14
Carbon disulfide
Concen: 4.595 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.007 min
Lab File: VV026803.D
Acq: 15 Jul 2022 20:16

Tgt Ion: 76 Resp: 310365
Ion Ratio Lower Upper
76 100
78 9.2 7.7 11.5

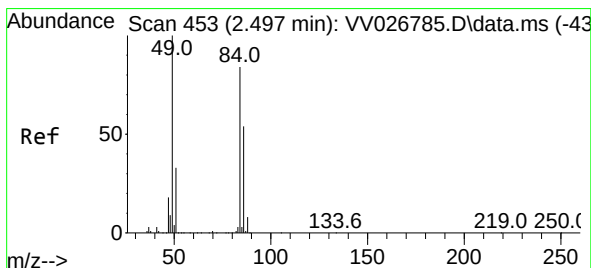
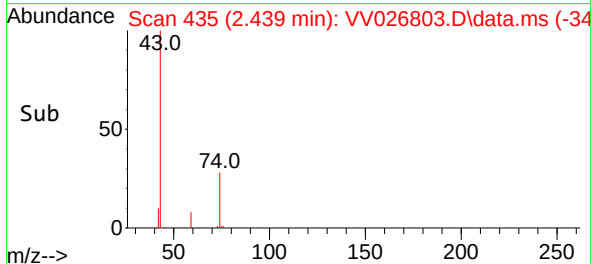
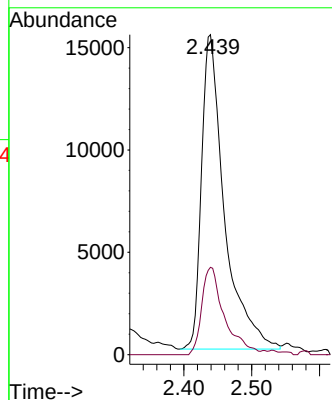
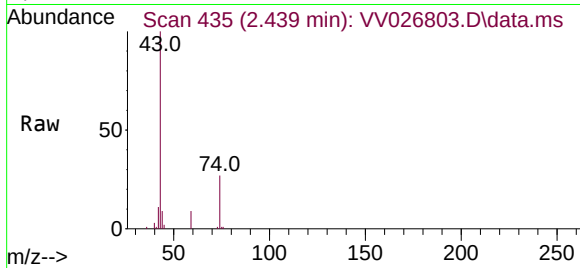




#15
Methyl Acetate
Concen: 5.690 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV026803.D
Acq: 15 Jul 2022 20:16

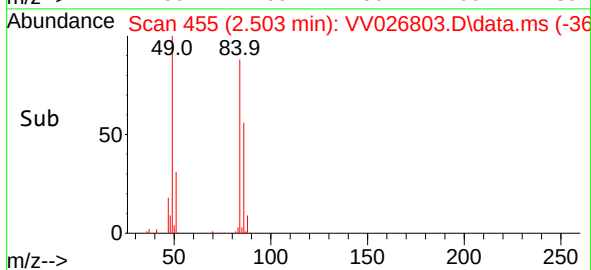
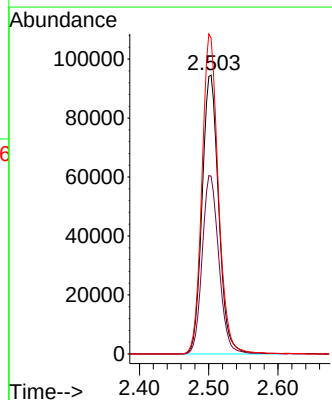
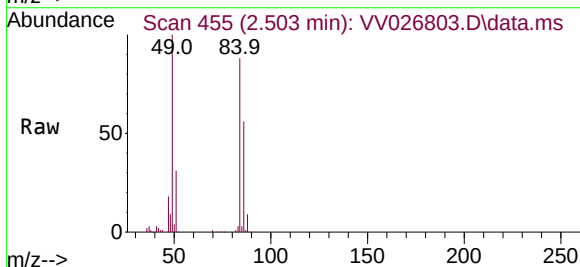
Instrument :
MSVOA_V
ClientSampleId :
VSTD005356

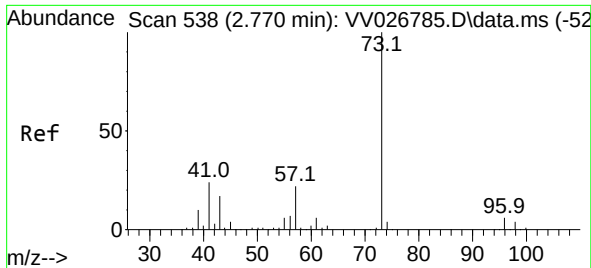
Tgt Ion: 43 Resp: 36043
Ion Ratio Lower Upper
43 100
74 27.5 20.1 30.1



#16
Methylene chloride
Concen: 5.748 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.007 min
Lab File: VV026803.D
Acq: 15 Jul 2022 20:16

Tgt Ion: 84 Resp: 156947
Ion Ratio Lower Upper
84 100
86 63.7 44.8 83.2
49 113.2 78.7 146.1

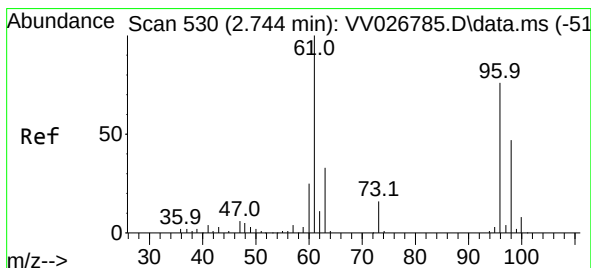
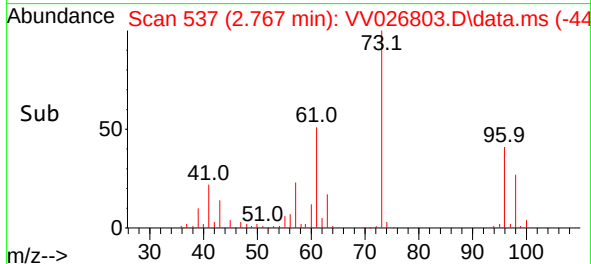
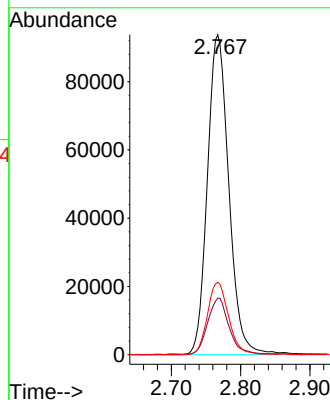
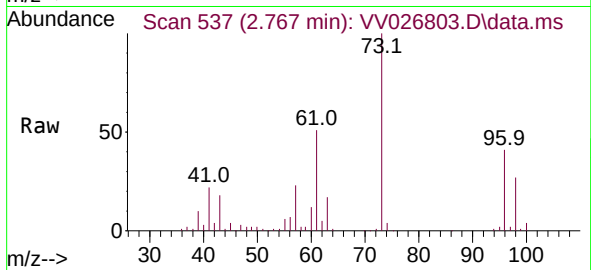




#17
Methyl tert-butyl Ether
Concen: 5.090 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV026803.D
Acq: 15 Jul 2022 20:16

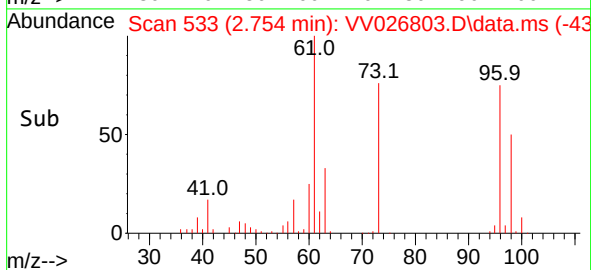
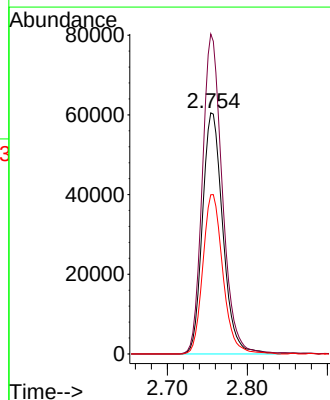
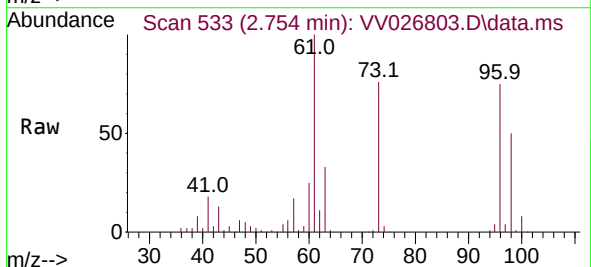
Instrument :
MSVOA_V
ClientSampleId :
VSTD005356

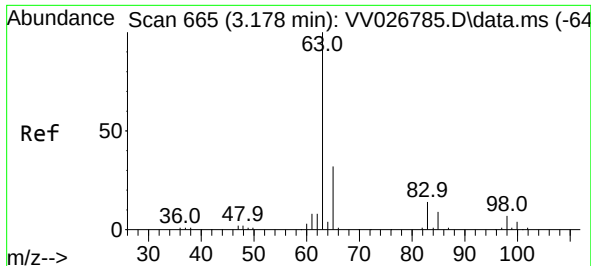
Tgt Ion: 73 Resp: 201021
Ion Ratio Lower Upper
73 100
43 17.3 14.0 21.0
57 22.3 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 5.100 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.010 min
Lab File: VV026803.D
Acq: 15 Jul 2022 20:16

Tgt Ion: 96 Resp: 107453
Ion Ratio Lower Upper
96 100
61 132.7 94.7 175.9
98 66.0 47.4 88.0





#19

1,1-Dichloroethane

Concen: 5.166 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.007 min

Lab File: VV026803.D

Acq: 15 Jul 2022 20:16

Instrument :

MSVOA_V

ClientSampleId :

VSTD005356

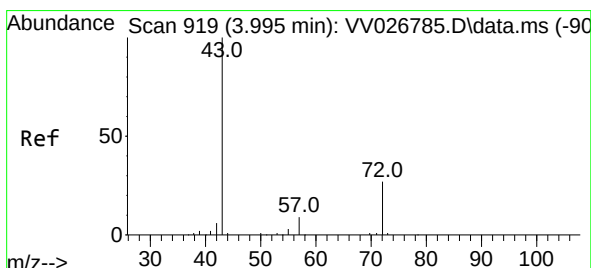
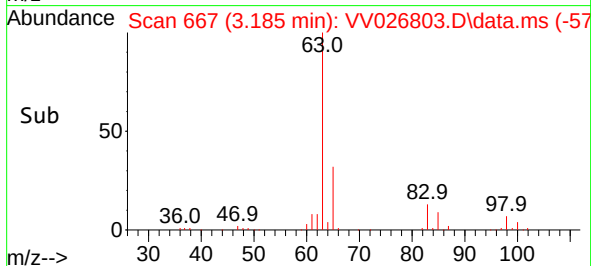
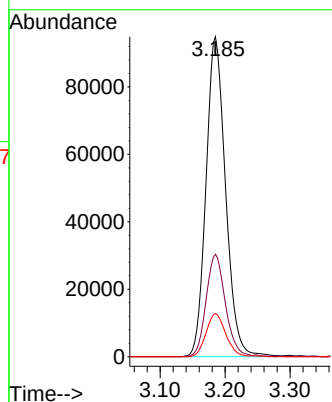
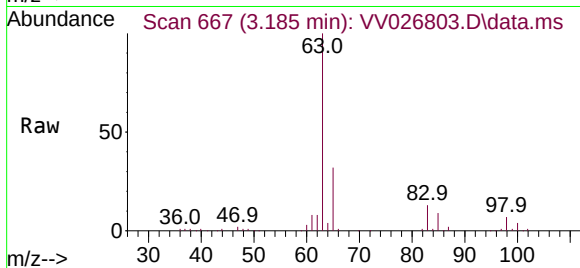
Tgt Ion: 63 Resp: 198738

Ion Ratio Lower Upper

63 100

65 32.0 22.3 41.3

83 13.5 9.9 18.5



#21

2-Butanone

Concen: 55.740 ug/L

RT: 3.979 min Scan# 914

Delta R.T. -0.016 min

Lab File: VV026803.D

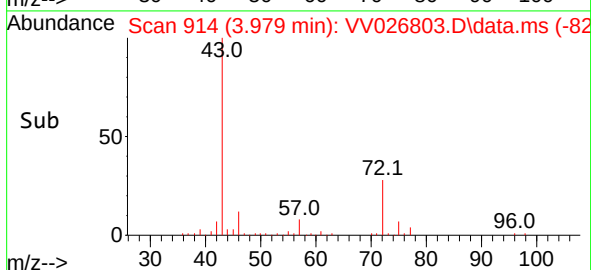
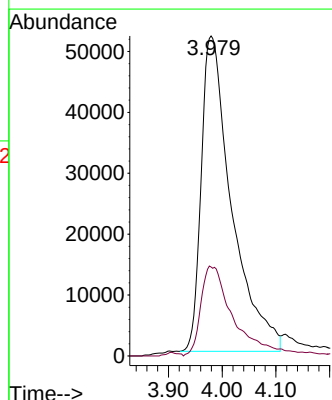
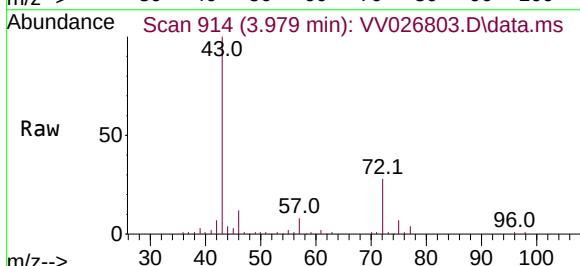
Acq: 15 Jul 2022 20:16

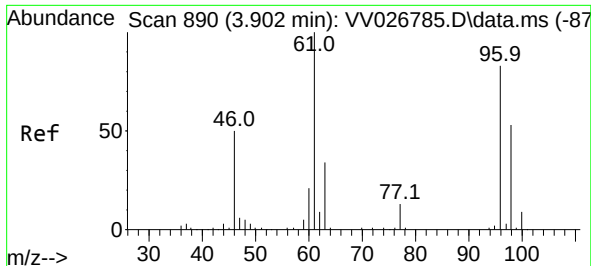
Tgt Ion: 43 Resp: 203591

Ion Ratio Lower Upper

43 100

72 30.6 13.9 41.7





#22

cis-1,2-Dichloroethene

Concen: 5.073 ug/L

RT: 3.908 min Scan# 890

Delta R.T. 0.007 min

Lab File: VV026803.D

Acq: 15 Jul 2022 20:16

Instrument :

MSVOA_V

ClientSampleId :

VSTD005356

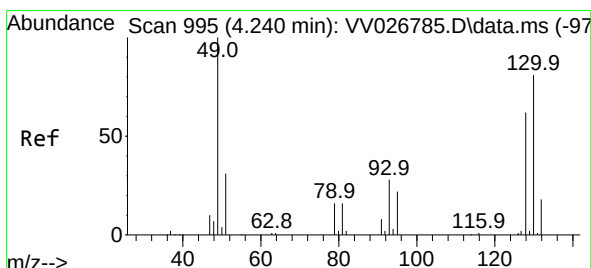
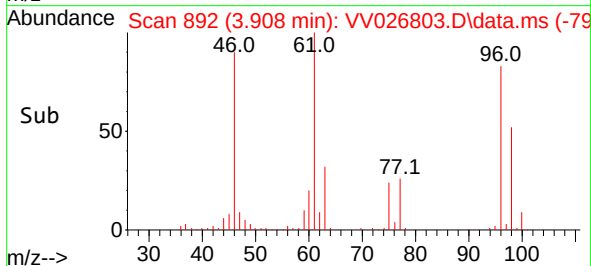
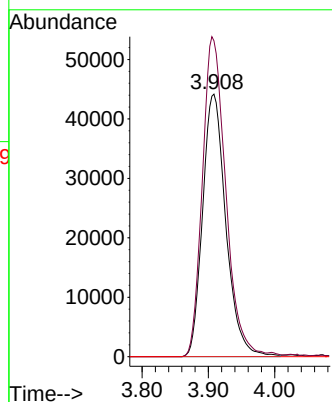
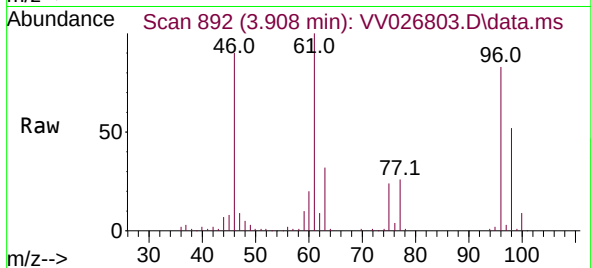
Tgt Ion: 96 Resp: 107810

Ion Ratio Lower Upper

96 100

61 120.3 83.9 155.9

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.050 ug/L

RT: 4.246 min Scan# 997

Delta R.T. 0.007 min

Lab File: VV026803.D

Acq: 15 Jul 2022 20:16

Tgt Ion: 128 Resp: 49434

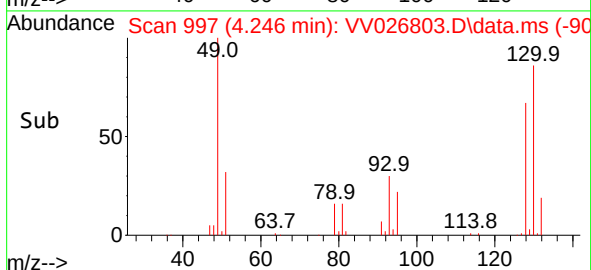
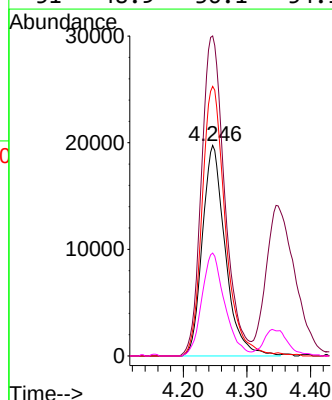
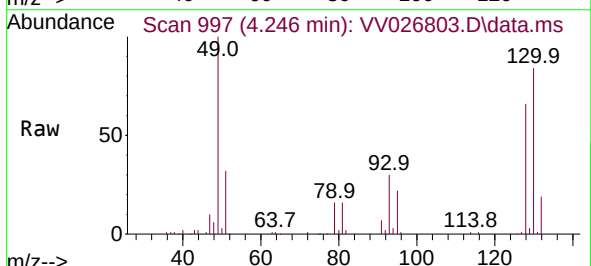
Ion Ratio Lower Upper

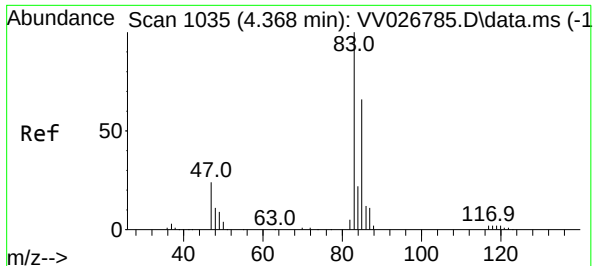
128 100

49 152.0 107.2 199.2

130 128.1 87.1 161.7

51 48.9 36.1 54.1

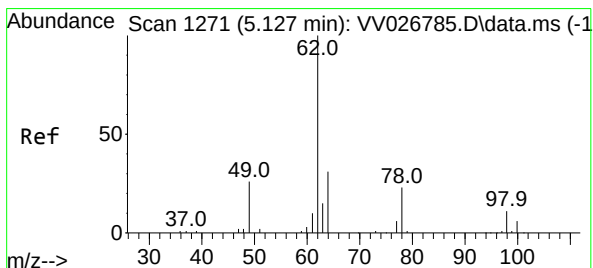
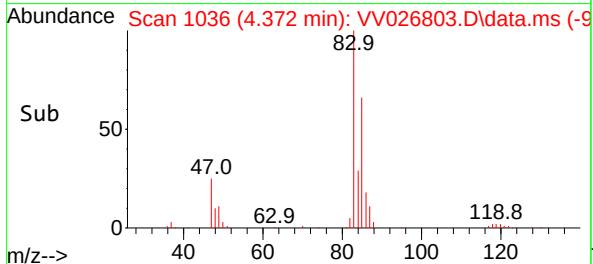
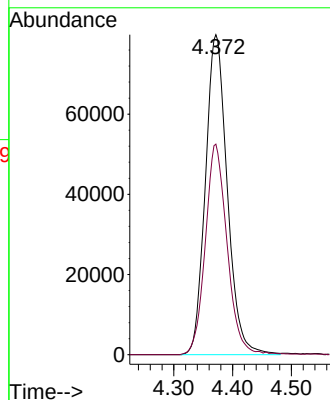
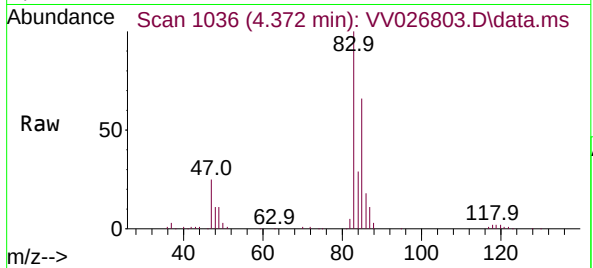




#25
Chloroform
Concen: 5.116 ug/L
RT: 4.372 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV026803.D
Acq: 15 Jul 2022 20:16

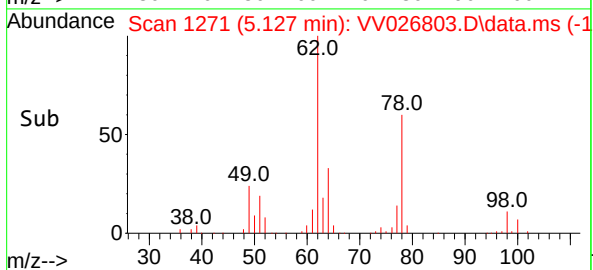
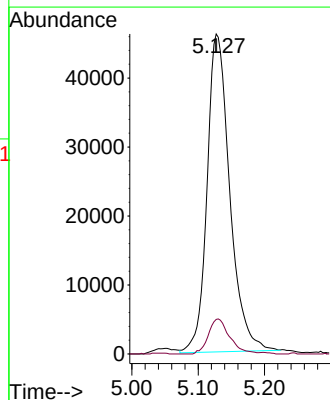
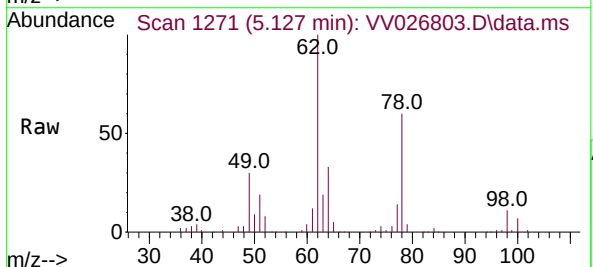
Instrument :
MSVOA_V
ClientSampleId :
VSTD005356

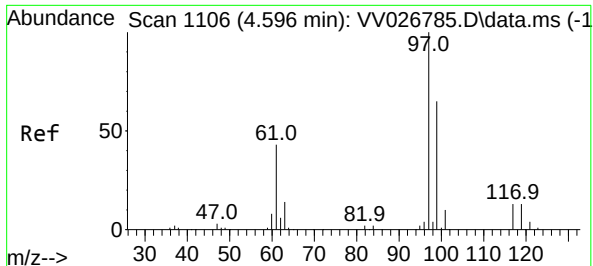
Tgt Ion: 83 Resp: 206138
Ion Ratio Lower Upper
83 100
85 65.8 45.7 84.9



#27
1,2-Dichloroethane
Concen: 5.061 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VV026803.D
Acq: 15 Jul 2022 20:16

Tgt Ion: 62 Resp: 109885
Ion Ratio Lower Upper
62 100
98 10.8 8.3 12.5





#29

1,1,1-Trichloroethane

Concen: 4.992 ug/L

RT: 4.603 min Scan# 1106

Delta R.T. 0.007 min

Lab File: VV026803.D

Acq: 15 Jul 2022 20:16

Instrument :

MSVOA_V

ClientSampleId :

VSTD005356

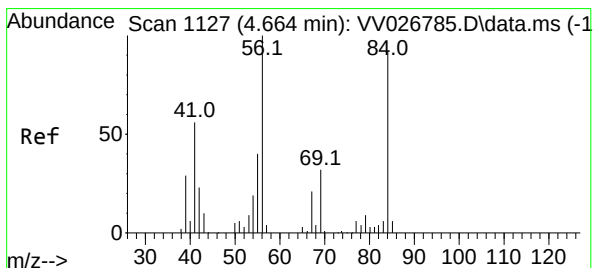
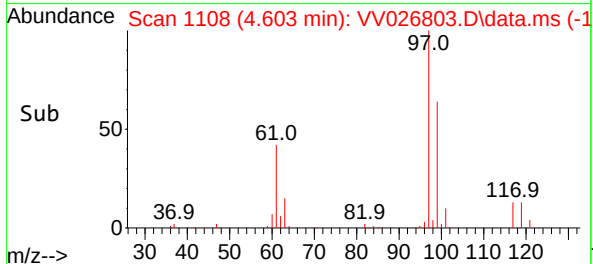
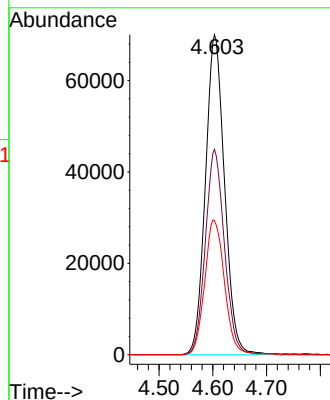
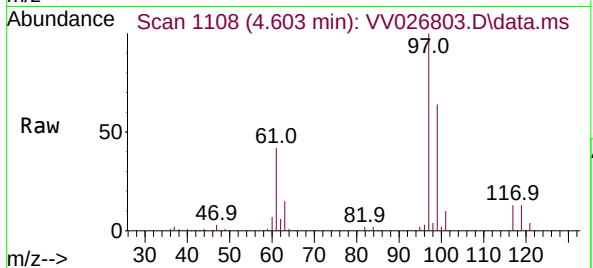
Tgt Ion: 97 Resp: 173104

Ion Ratio Lower Upper

97 100

99 64.0 51.3 76.9

61 43.6 35.1 52.7



#30

Cyclohexane

Concen: 4.918 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.010 min

Lab File: VV026803.D

Acq: 15 Jul 2022 20:16

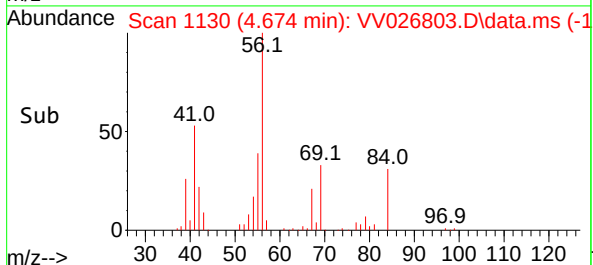
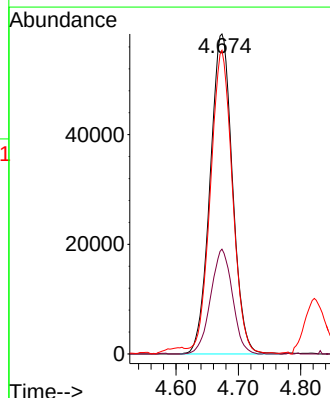
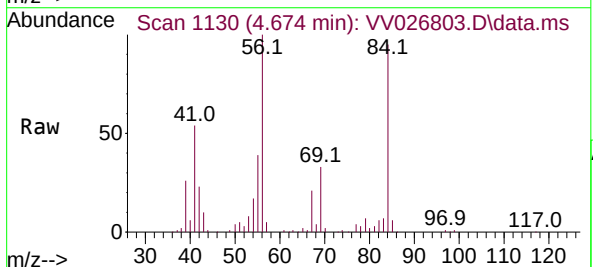
Tgt Ion: 56 Resp: 145329

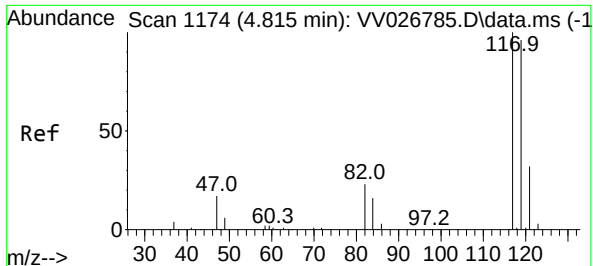
Ion Ratio Lower Upper

56 100

69 31.9 25.1 37.7

84 92.8 74.0 111.0

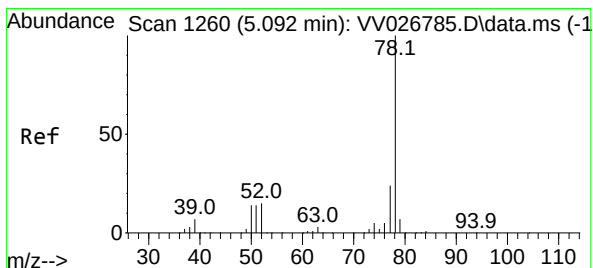
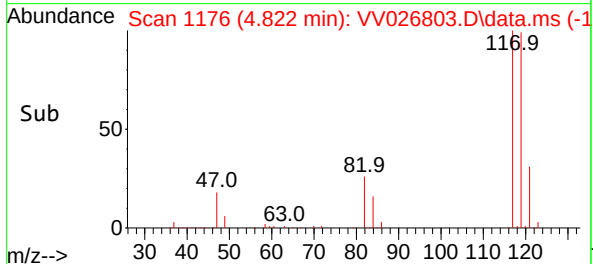
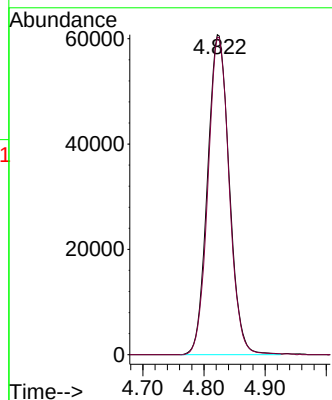
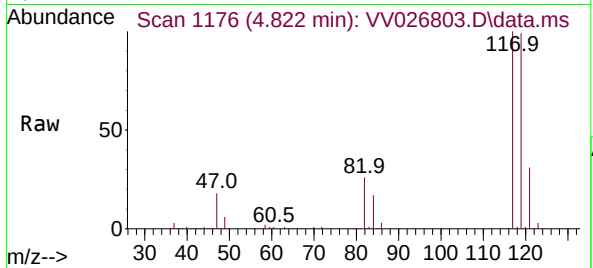




#31
Carbon tetrachloride
Concen: 4.907 ug/L
RT: 4.822 min Scan# 1174
Delta R.T. 0.007 min
Lab File: VV026803.D
Acq: 15 Jul 2022 20:16

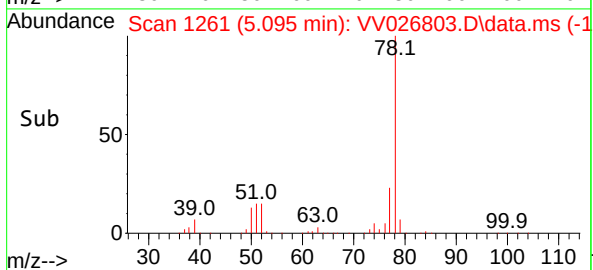
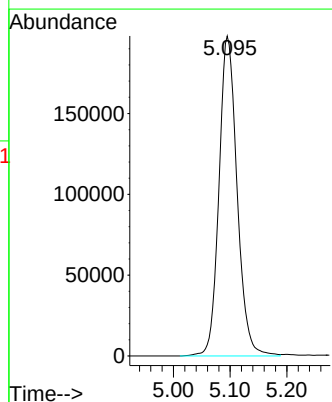
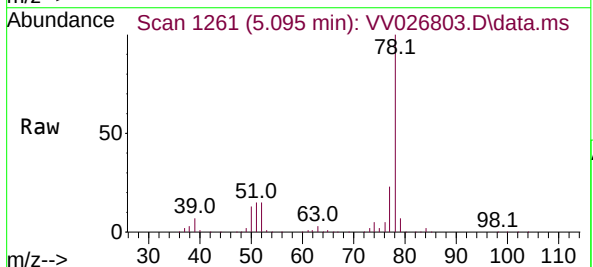
Instrument :
MSVOA_V
ClientSampleId :
VSTD005356

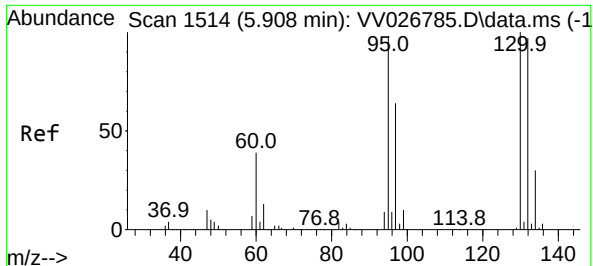
Tgt Ion:117 Resp: 150273
Ion Ratio Lower Upper
117 100
119 96.5 75.1 112.7



#33
Benzene
Concen: 5.109 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV026803.D
Acq: 15 Jul 2022 20:16

Tgt Ion: 78 Resp: 439524



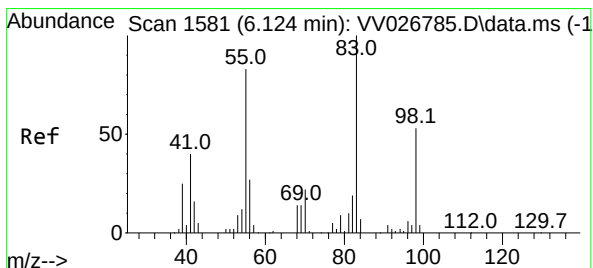
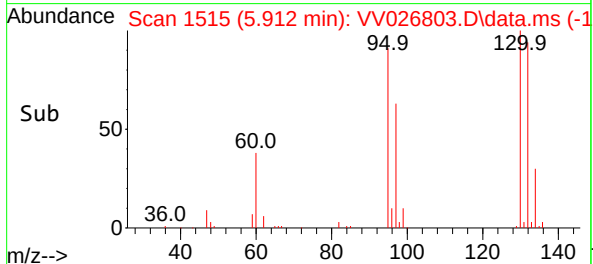
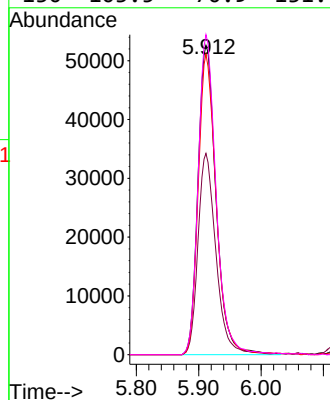
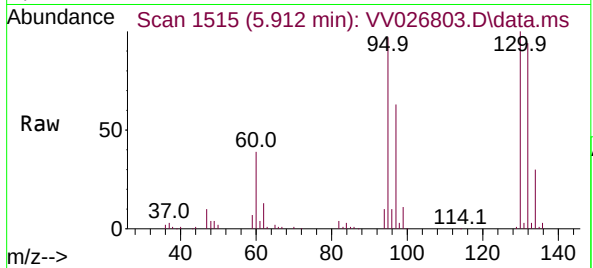


#34
Trichloroethene
Concen: 5.032 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV026803.D
Acq: 15 Jul 2022 20:16

Instrument :
MSVOA_V
ClientSampleId :
VSTD005356

Tgt Ion: 95 Resp: 106402

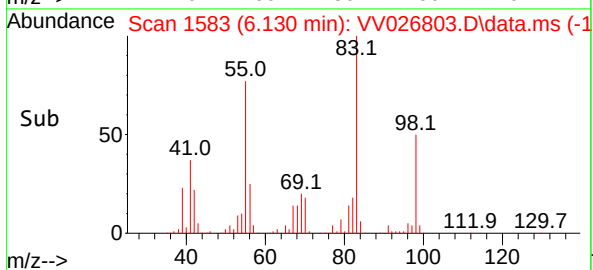
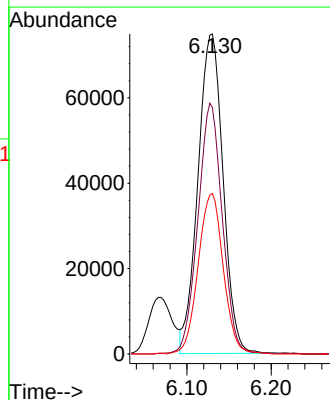
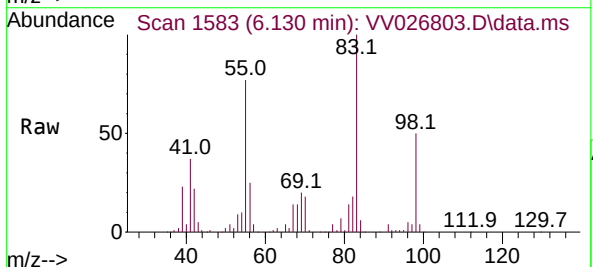
Ion	Ratio	Lower	Upper
95	100		
97	65.1	44.6	82.8
132	97.2	70.2	130.4
130	103.5	70.9	131.7

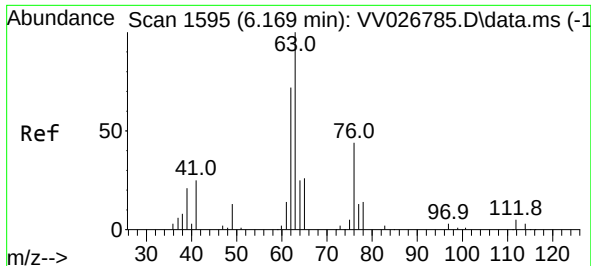


#35
Methylcyclohexane
Concen: 4.811 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.007 min
Lab File: VV026803.D
Acq: 15 Jul 2022 20:16

Tgt Ion: 83 Resp: 155274

Ion	Ratio	Lower	Upper
83	100		
55	76.5	59.5	89.3
98	50.3	38.3	57.5





#37

1,2-Dichloropropane

Concen: 5.237 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026803.D

Acq: 15 Jul 2022 20:16

Instrument :

MSVOA_V

ClientSampleId :

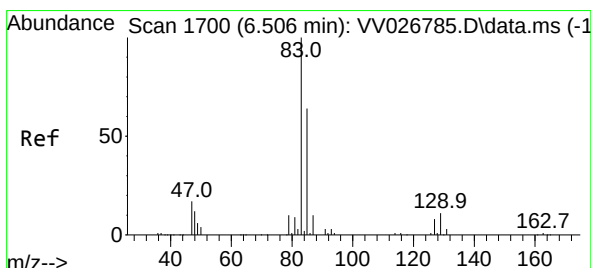
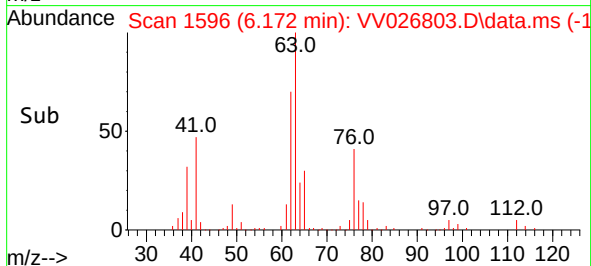
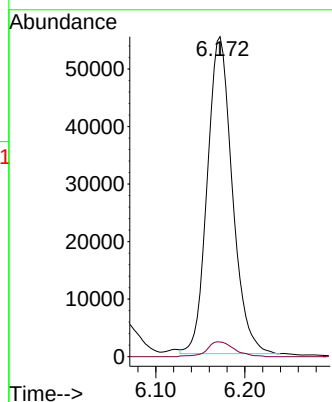
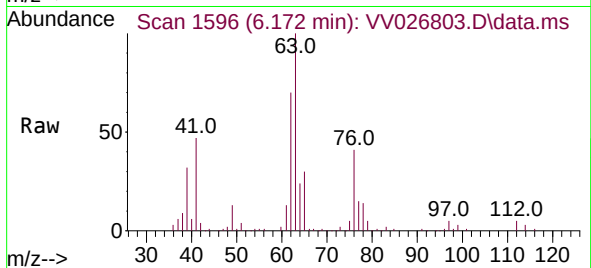
VSTD005356

Tgt Ion: 63 Resp: 107740

Ion Ratio Lower Upper

63 100

112 5.1 4.2 6.2



#38

Bromodichloromethane

Concen: 4.993 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV026803.D

Acq: 15 Jul 2022 20:16

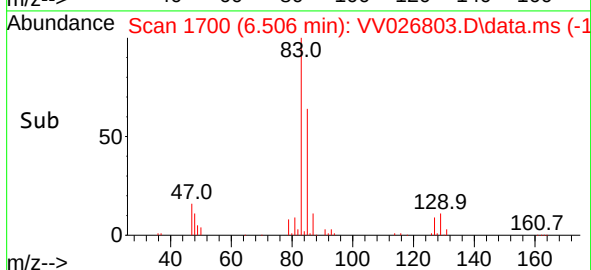
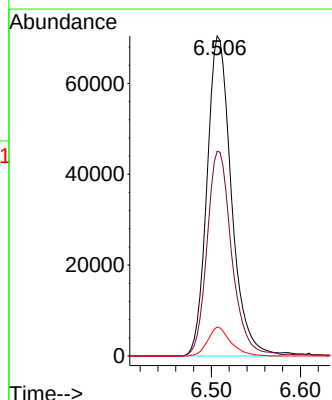
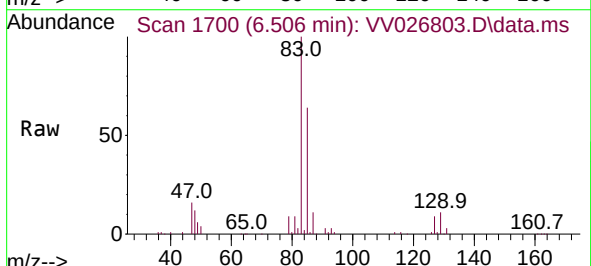
Tgt Ion: 83 Resp: 133915

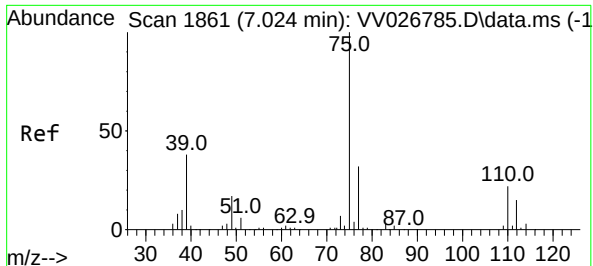
Ion Ratio Lower Upper

83 100

85 64.0 45.4 84.4

127 9.0 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.861 ug/L

RT: 7.027 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV026803.D

Acq: 15 Jul 2022 20:16

Instrument :

MSVOA_V

ClientSampleId :

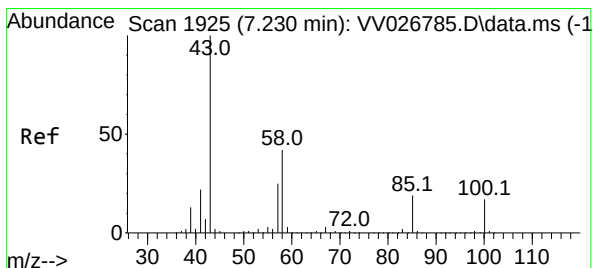
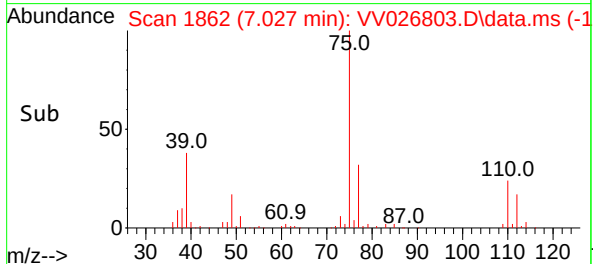
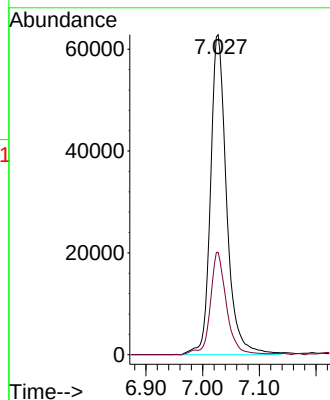
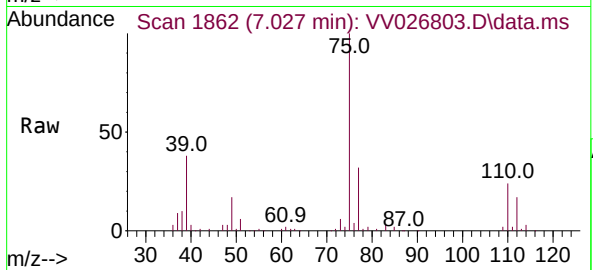
VSTD005356

Tgt Ion: 75 Resp: 124270

Ion Ratio Lower Upper

75 100

77 32.0 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 53.710 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.003 min

Lab File: VV026803.D

Acq: 15 Jul 2022 20:16

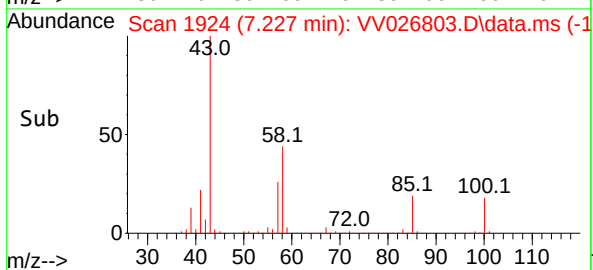
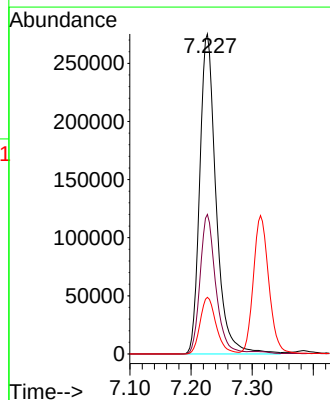
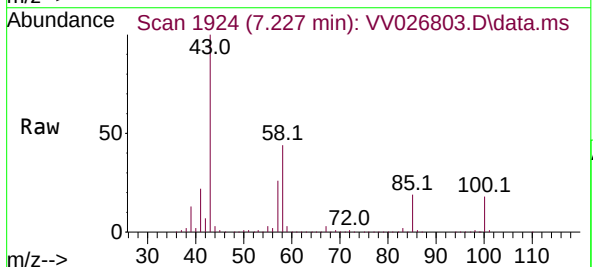
Tgt Ion: 43 Resp: 510396

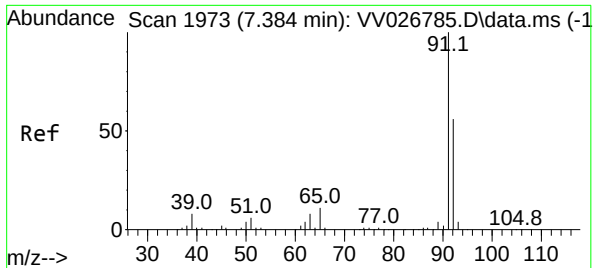
Ion Ratio Lower Upper

43 100

58 42.0 34.6 51.8

100 17.5 13.6 20.4





#42

Toluene

Concen: 5.299 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV026803.D

Acq: 15 Jul 2022 20:16

Instrument :

MSVOA_V

ClientSampleId :

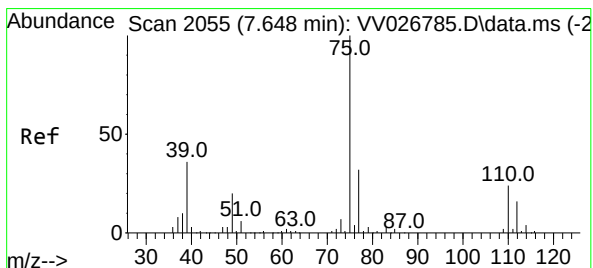
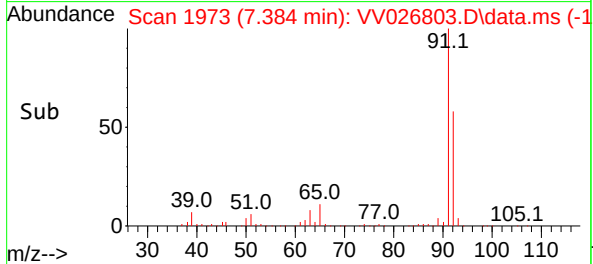
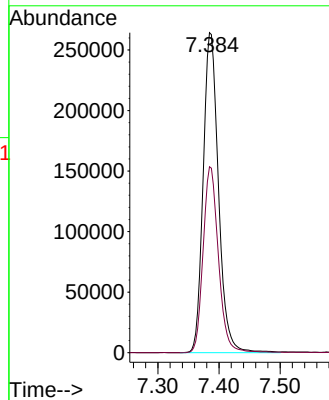
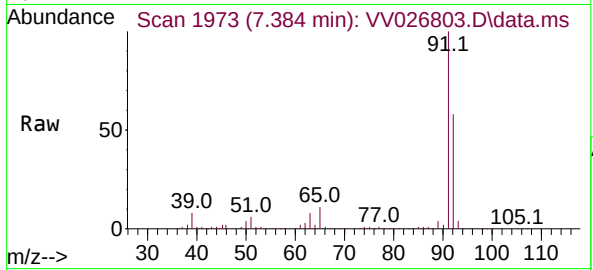
VSTD005356

Tgt Ion: 91 Resp: 460427

Ion Ratio Lower Upper

91 100

92 58.1 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.065 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV026803.D

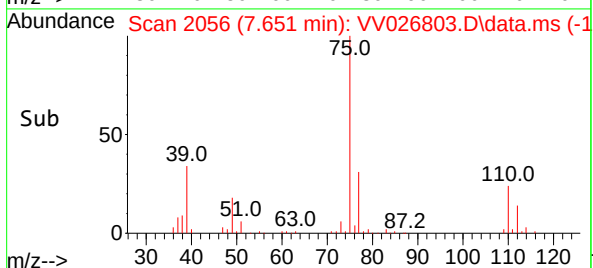
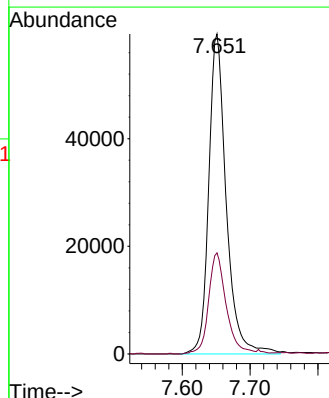
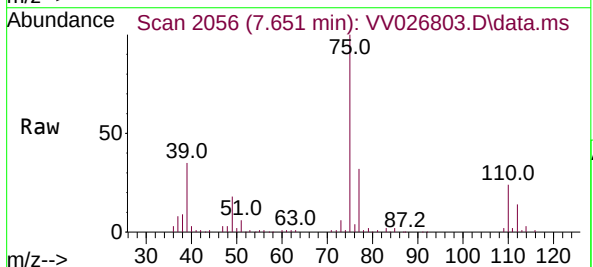
Acq: 15 Jul 2022 20:16

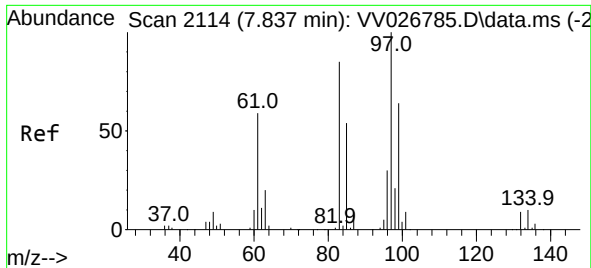
Tgt Ion: 75 Resp: 106335

Ion Ratio Lower Upper

75 100

77 31.6 22.7 42.3

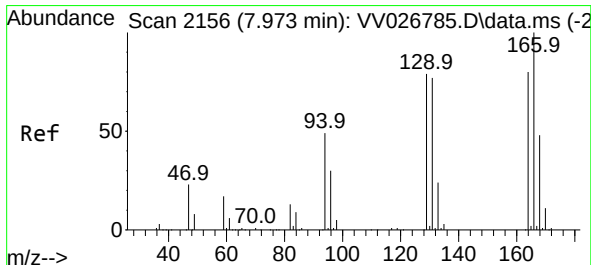
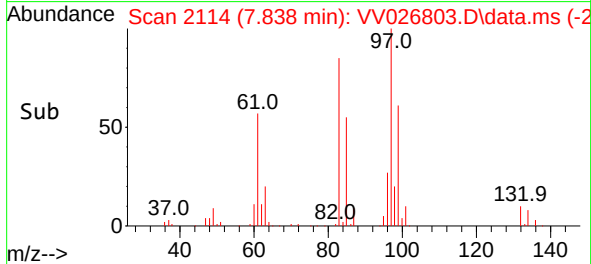
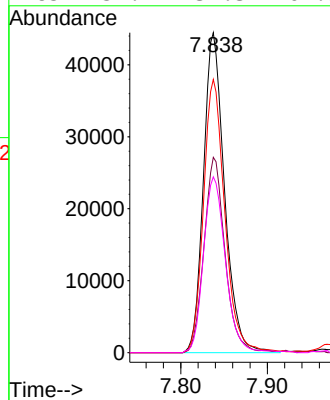
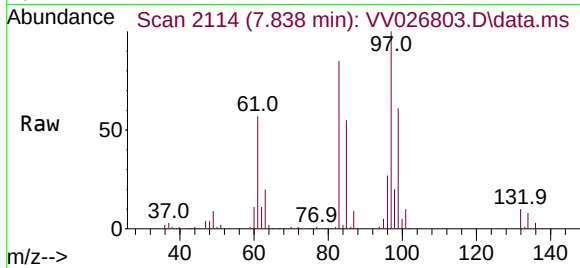




#45
1,1,2-Trichloroethane
Concen: 4.999 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV026803.D
Acq: 15 Jul 2022 20:16

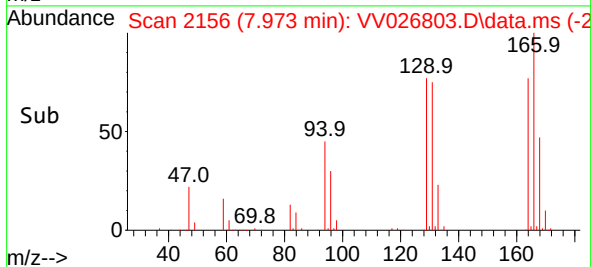
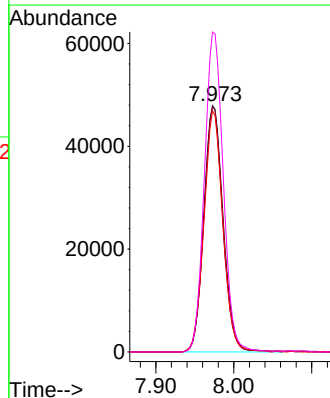
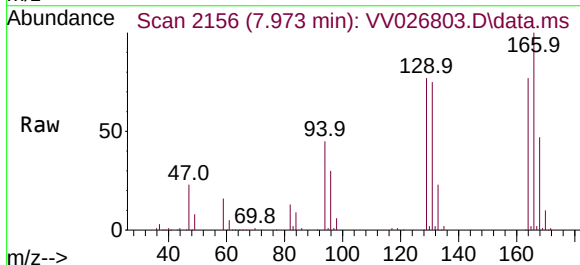
Instrument :
MSVOA_V
ClientSampleId :
VSTD005356

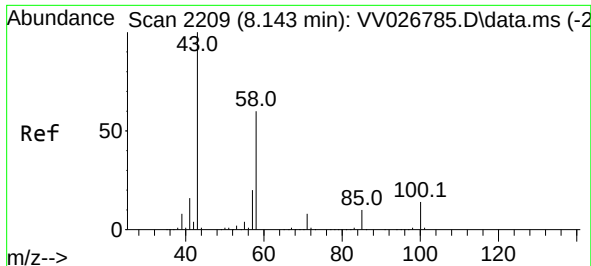
Tgt Ion:	97	Resp:	75174
Ion	Ratio	Lower	Upper
97	100		
99	61.1	41.9	77.9
83	85.4	58.1	107.9
85	54.9	37.3	69.3



#47
Tetrachloroethene
Concen: 4.999 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV026803.D
Acq: 15 Jul 2022 20:16

Tgt Ion:	164	Resp:	82902
Ion	Ratio	Lower	Upper
164	100		
129	99.7	67.8	125.8
131	97.8	65.9	122.5
166	129.9	88.8	164.8

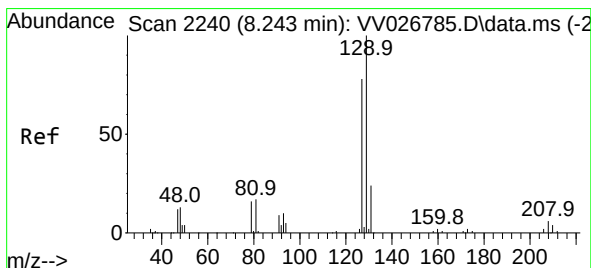
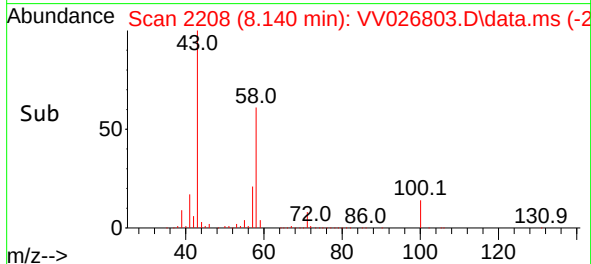
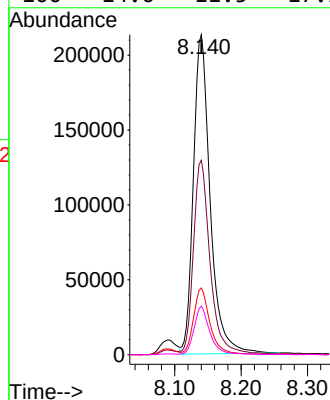
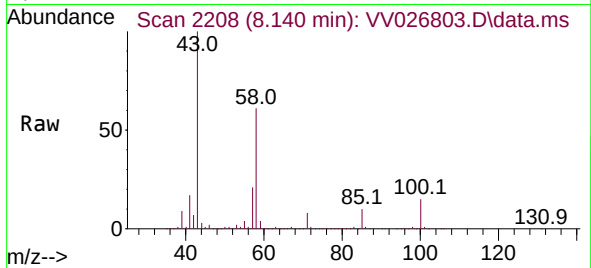




#48
2-Hexanone
Concen: 54.643 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV026803.D
Acq: 15 Jul 2022 20:16

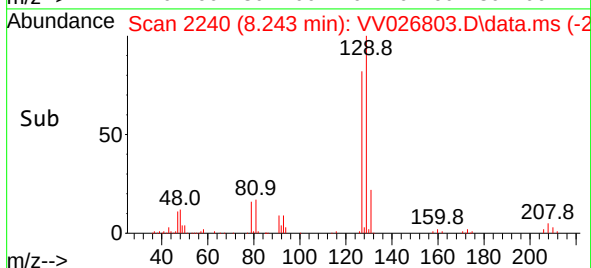
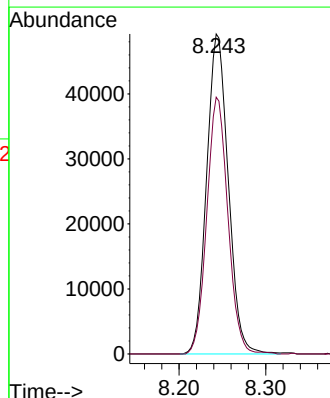
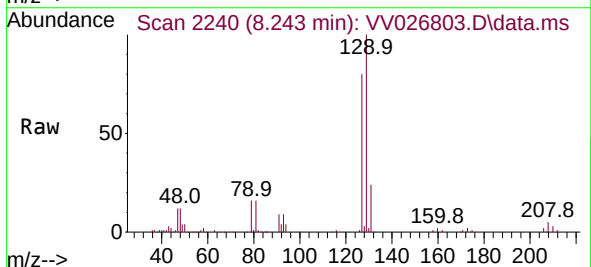
Instrument :
MSVOA_V
ClientSampleId :
VSTD005356

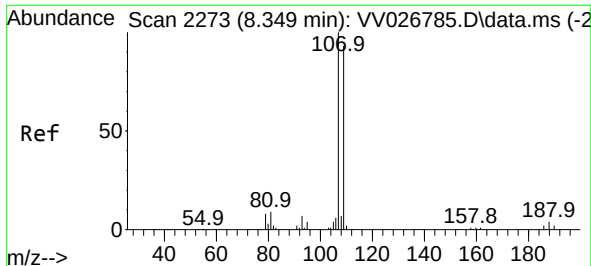
Tgt Ion: 43 Resp: 375820
Ion Ratio Lower Upper
43 100
58 60.5 47.9 71.9
57 20.3 16.3 24.5
100 14.0 11.5 17.3



#49
Dibromochloromethane
Concen: 4.939 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV026803.D
Acq: 15 Jul 2022 20:16

Tgt Ion: 129 Resp: 85591
Ion Ratio Lower Upper
129 100
127 80.3 55.7 103.5





#50

1,2-Dibromoethane

Concen: 5.096 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026803.D

Acq: 15 Jul 2022 20:16

Instrument :

MSVOA_V

ClientSampleId :

VSTD005356

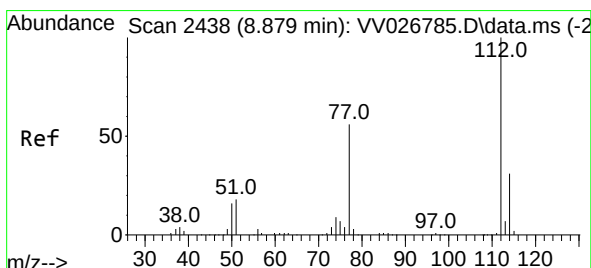
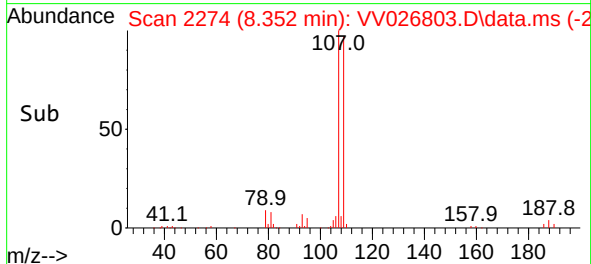
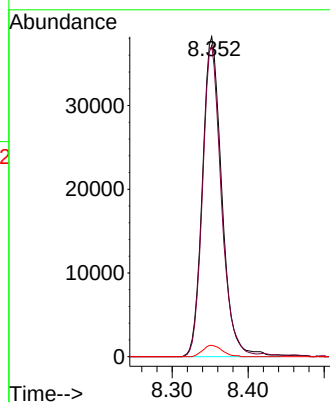
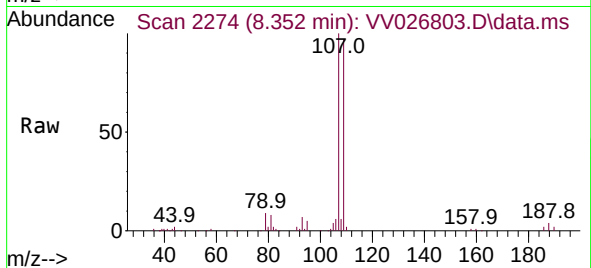
Tgt Ion:107 Resp: 67812

Ion Ratio Lower Upper

107 100

109 97.3 68.0 126.4

188 3.5 2.8 4.2



#51

Chlorobenzene

Concen: 5.141 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV026803.D

Acq: 15 Jul 2022 20:16

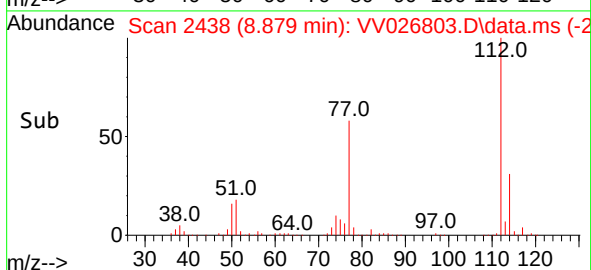
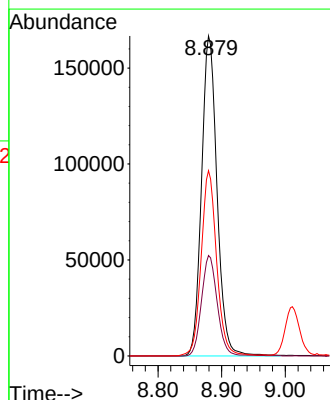
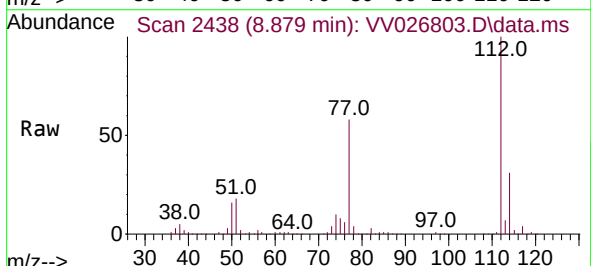
Tgt Ion:112 Resp: 282401

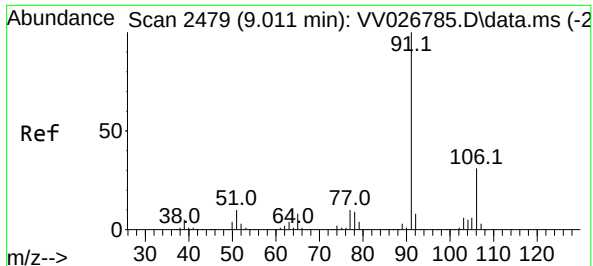
Ion Ratio Lower Upper

112 100

114 31.4 22.7 42.1

77 57.9 46.6 70.0

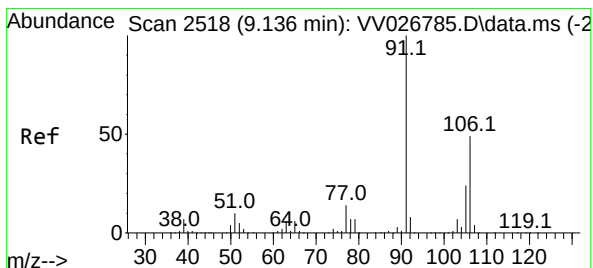
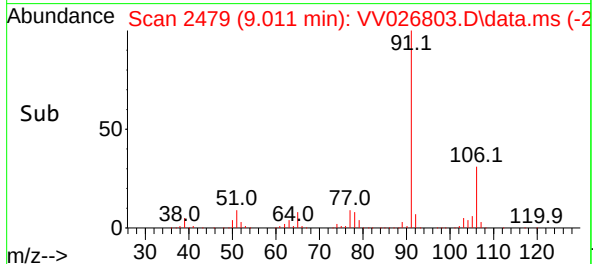
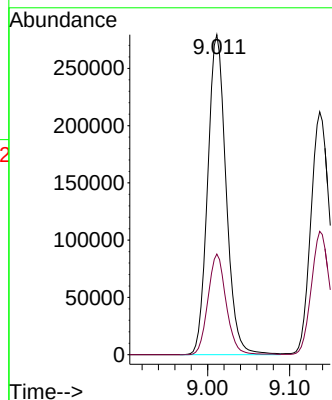
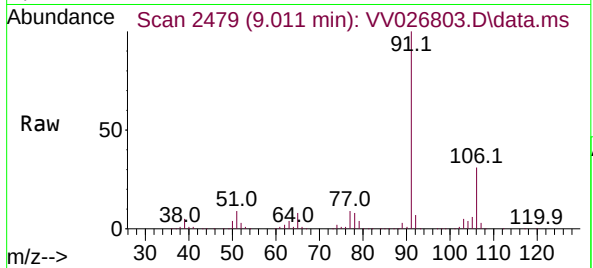




#52
Ethylbenzene
Concen: 5.074 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV026803.D
Acq: 15 Jul 2022 20:16

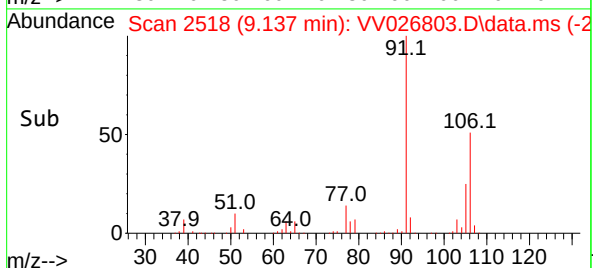
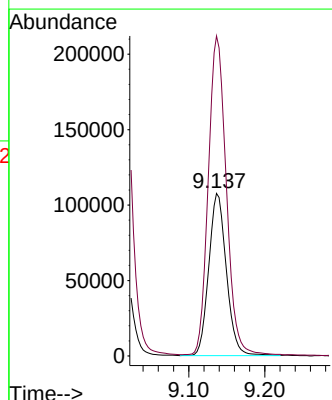
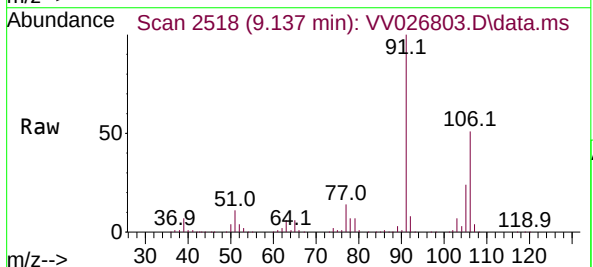
Instrument :
MSVOA_V
ClientSampleId :
VSTD005356

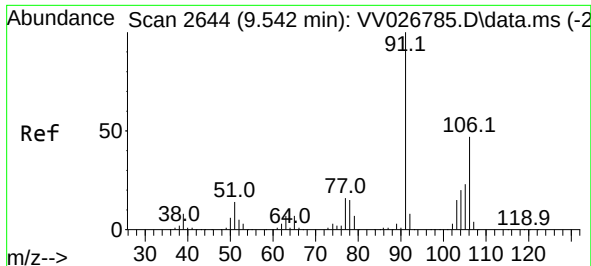
Tgt Ion: 91 Resp: 436298
Ion Ratio Lower Upper
91 100
106 31.5 21.6 40.2



#53
m,p-Xylene
Concen: 5.168 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV026803.D
Acq: 15 Jul 2022 20:16

Tgt Ion: 106 Resp: 172814
Ion Ratio Lower Upper
106 100
91 196.8 139.3 258.7

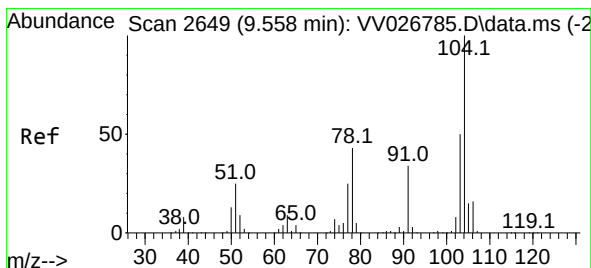
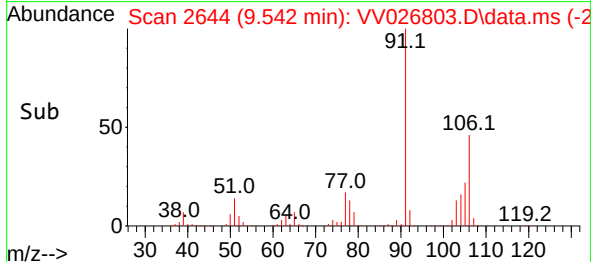
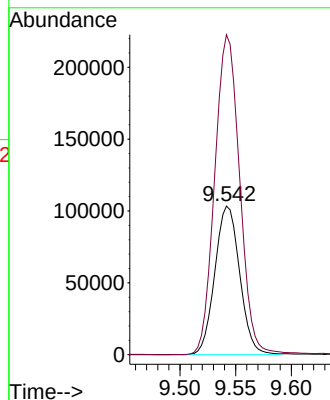
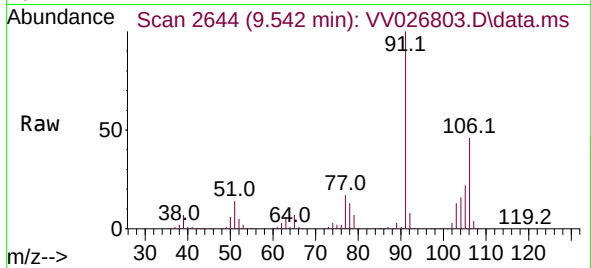




#54
o-Xylene
Concen: 5.055 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV026803.D
Acq: 15 Jul 2022 20:16

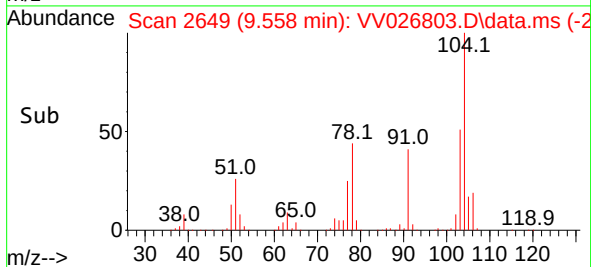
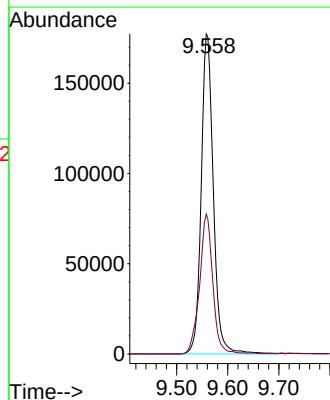
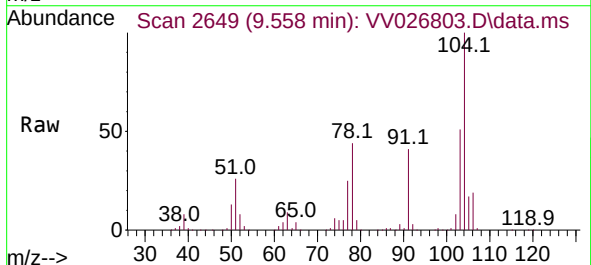
Instrument :
MSVOA_V
ClientSampleId :
VSTD005356

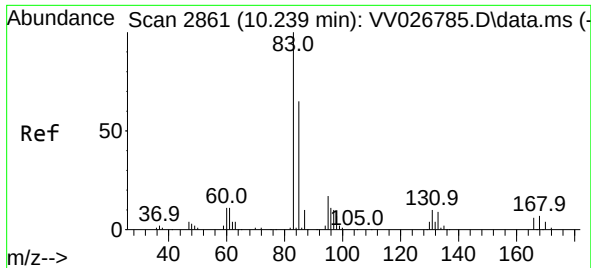
Tgt Ion:106 Resp: 160651
Ion Ratio Lower Upper
106 100
91 215.2 151.1 280.7



#55
Styrene
Concen: 5.257 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV026803.D
Acq: 15 Jul 2022 20:16

Tgt Ion:104 Resp: 292742
Ion Ratio Lower Upper
104 100
78 43.7 29.5 54.9

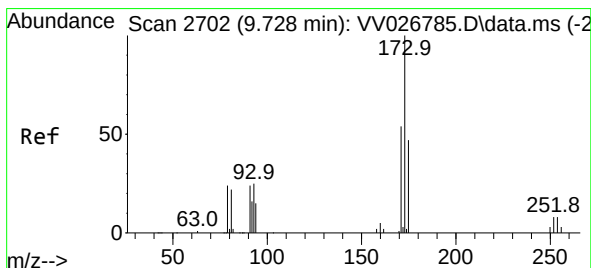
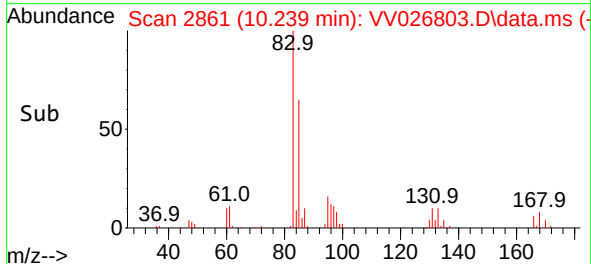
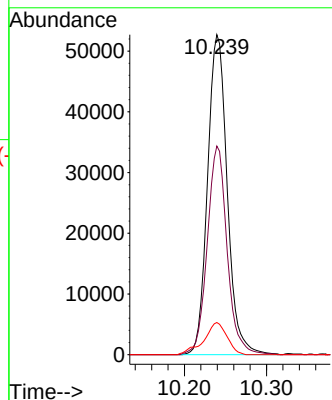
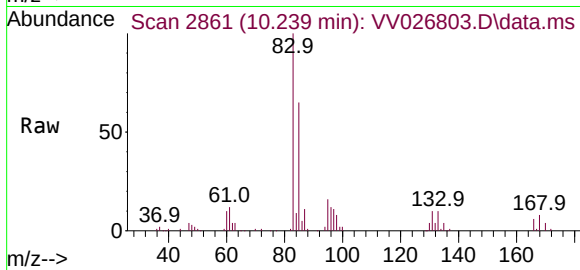




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.929 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV026803.D
 Acq: 15 Jul 2022 20:16

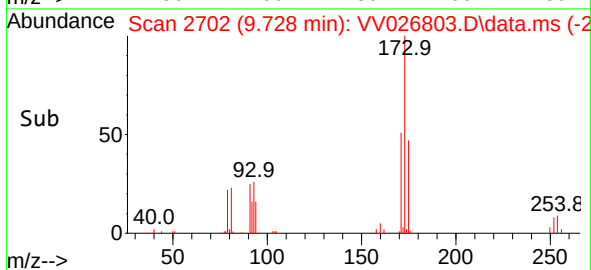
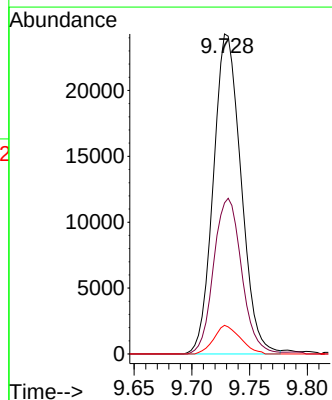
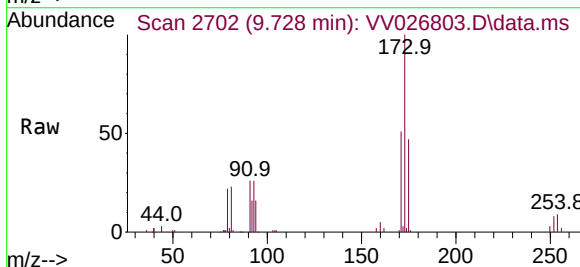
Instrument : MSVOA_V
 ClientSampleId : VSTD005356

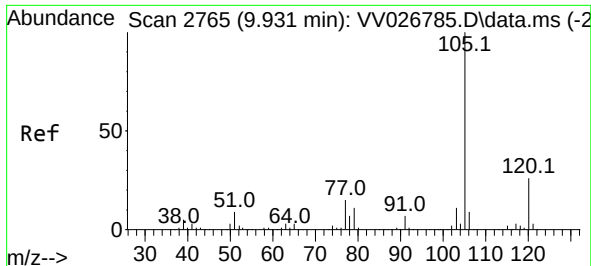
Tgt Ion: 83	Resp: 87754
Ion Ratio	Lower Upper
83 100	
85 65.2	43.6 81.0
131 10.0	7.4 11.2



#59
 Bromoform
 Concen: 4.619 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. 0.000 min
 Lab File: VV026803.D
 Acq: 15 Jul 2022 20:16

Tgt Ion: 173	Resp: 40464
Ion Ratio	Lower Upper
173 100	
175 49.3	40.7 61.1
254 8.5	6.5 9.7

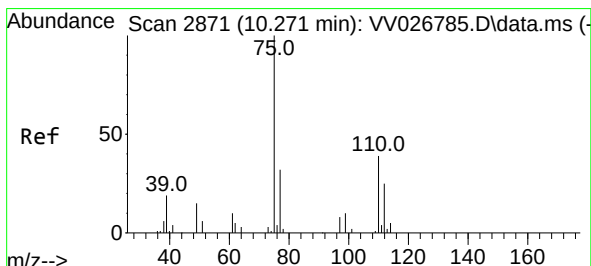
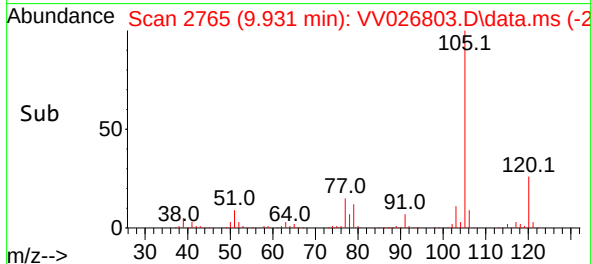
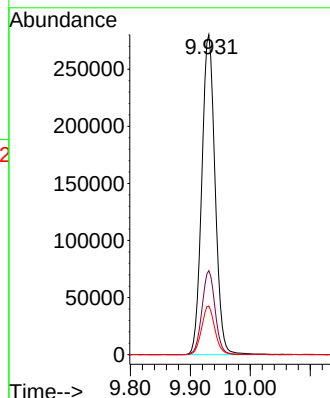
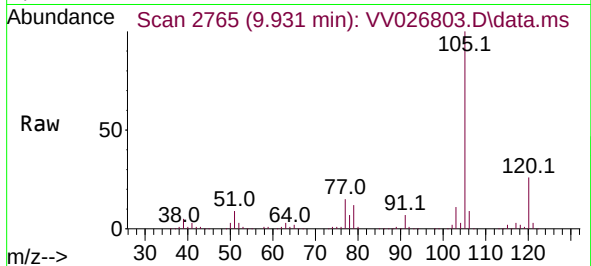




#60
Isopropylbenzene
Concen: 5.087 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026803.D
Acq: 15 Jul 2022 20:16

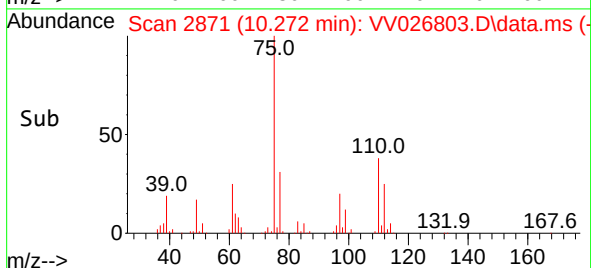
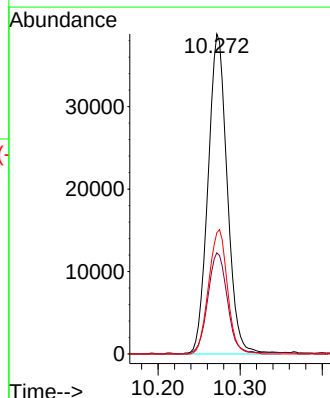
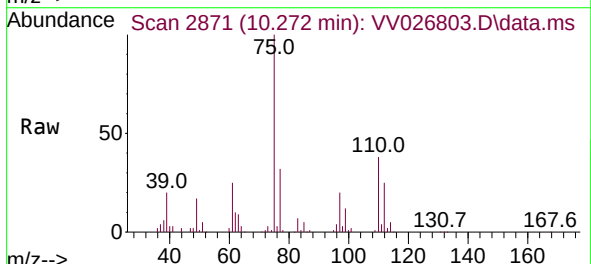
Instrument :
MSVOA_V
ClientSampleId :
VSTD005356

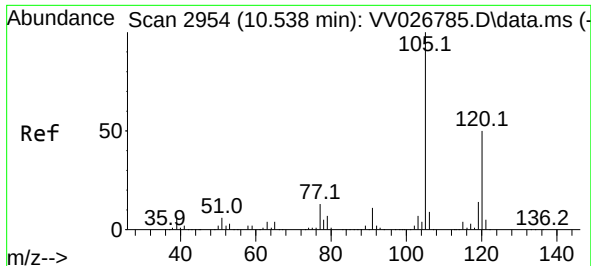
Tgt Ion:105 Resp: 433135
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 15.1 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.032 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026803.D
Acq: 15 Jul 2022 20:16

Tgt Ion: 75 Resp: 63347
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0
110 37.9 31.8 47.6

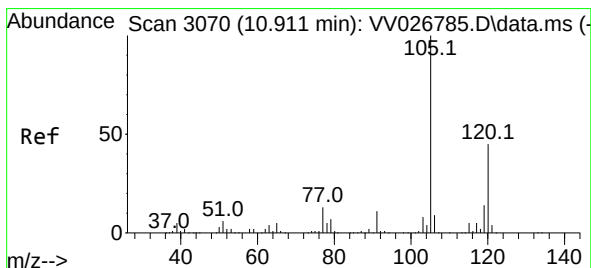
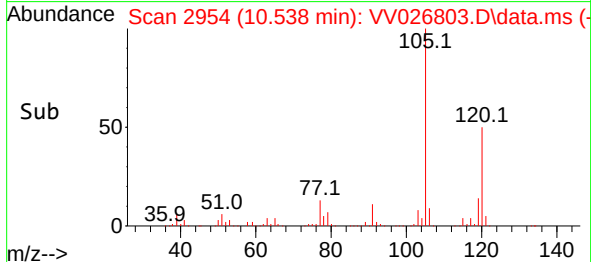
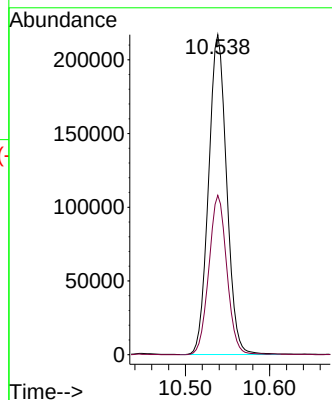
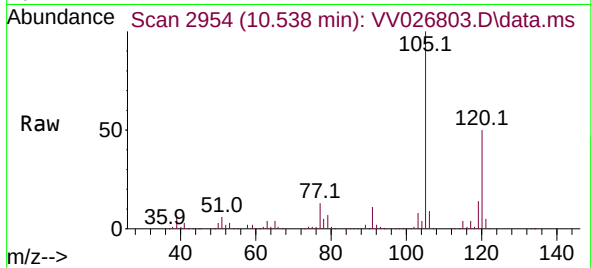




#62
 1,3,5-Trimethylbenzene
 Concen: 4.779 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV026803.D
 Acq: 15 Jul 2022 20:16

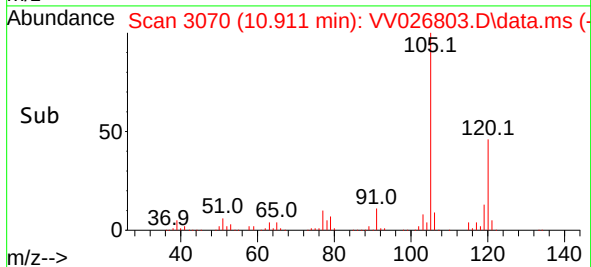
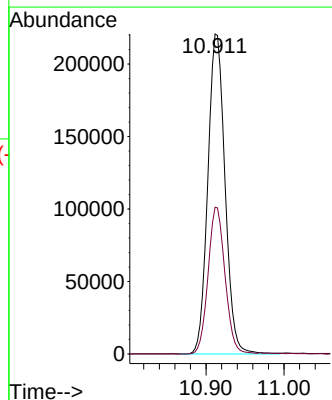
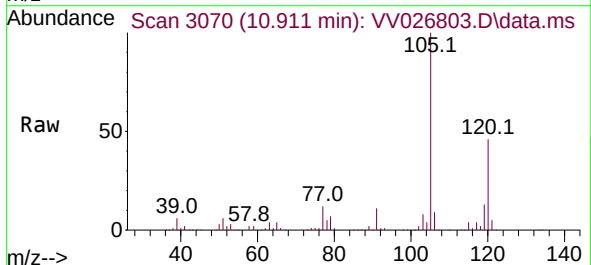
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005356

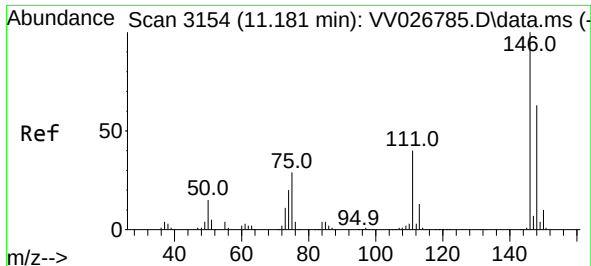
Tgt Ion:105 Resp: 323791
 Ion Ratio Lower Upper
 105 100
 120 49.5 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 4.916 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. 0.000 min
 Lab File: VV026803.D
 Acq: 15 Jul 2022 20:16

Tgt Ion:105 Resp: 338180
 Ion Ratio Lower Upper
 105 100
 120 45.3 36.8 55.2

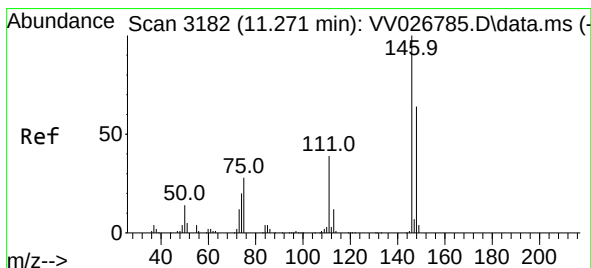
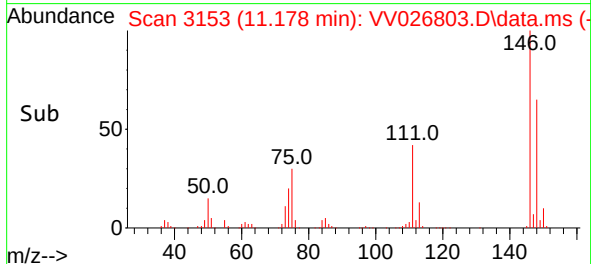
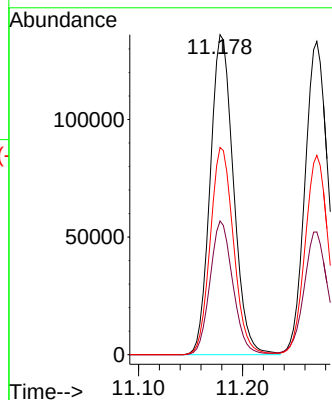
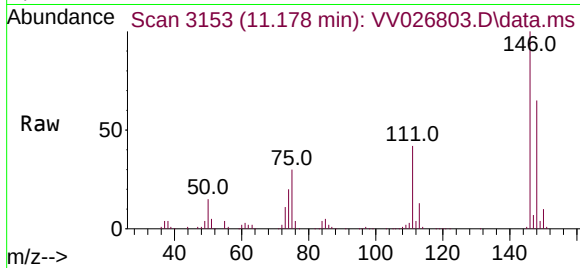




#64
1,3-Dichlorobenzene
Concen: 5.087 ug/L
RT: 11.178 min Scan# 3154
Delta R.T. -0.003 min
Lab File: VV026803.D
Acq: 15 Jul 2022 20:16

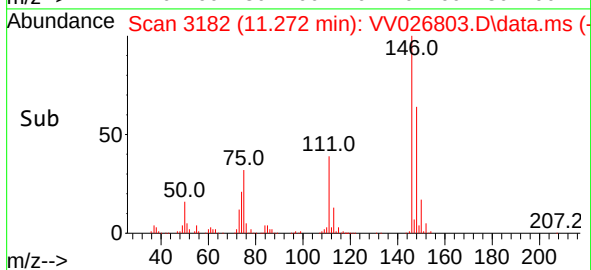
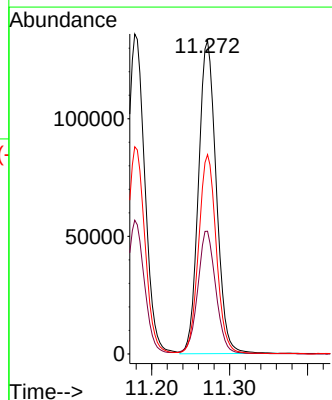
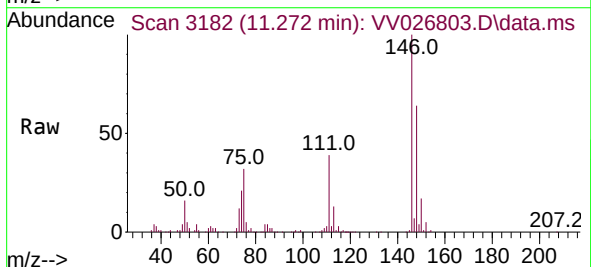
Instrument :
MSVOA_V
ClientSampleId :
VSTD005356

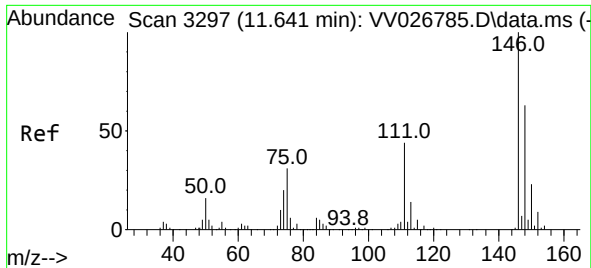
Tgt Ion:146 Resp: 212199
Ion Ratio Lower Upper
146 100
111 41.8 27.9 51.7
148 64.8 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 4.971 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026803.D
Acq: 15 Jul 2022 20:16

Tgt Ion:146 Resp: 210866
Ion Ratio Lower Upper
146 100
111 39.2 26.8 49.8
148 63.6 43.3 80.5

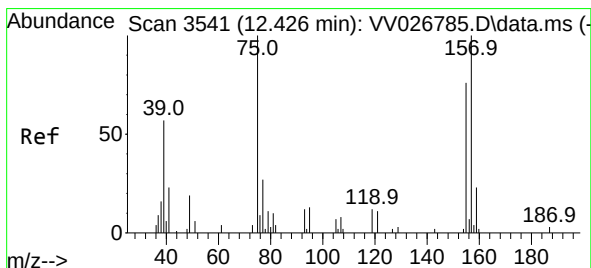
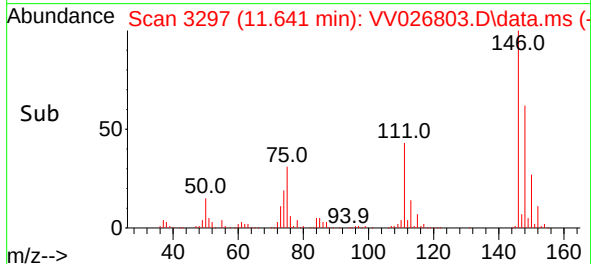
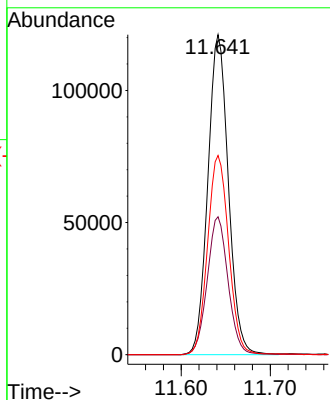
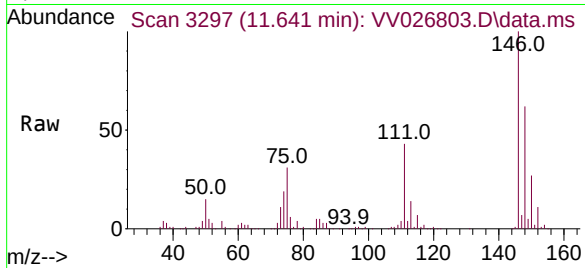




#67
1,2-Dichlorobenzene
Concen: 4.970 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV026803.D
Acq: 15 Jul 2022 20:16

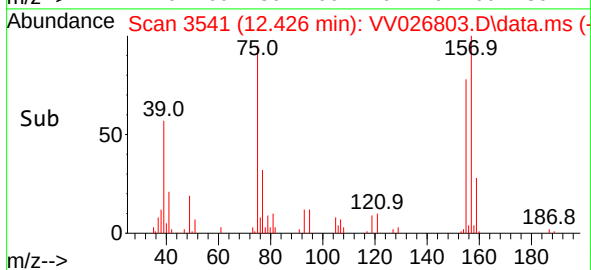
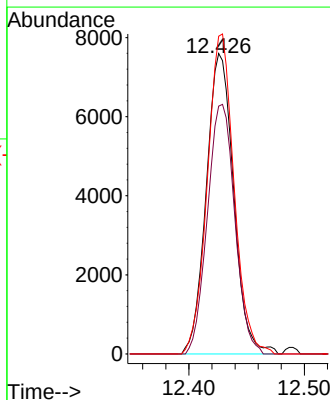
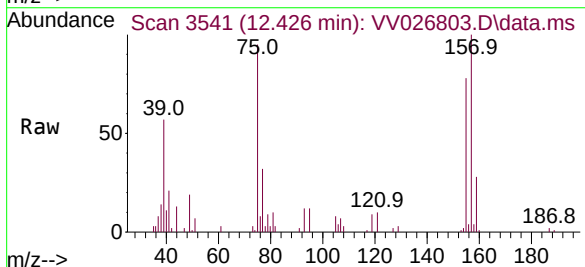
Instrument :
MSVOA_V
ClientSampleId :
VSTD005356

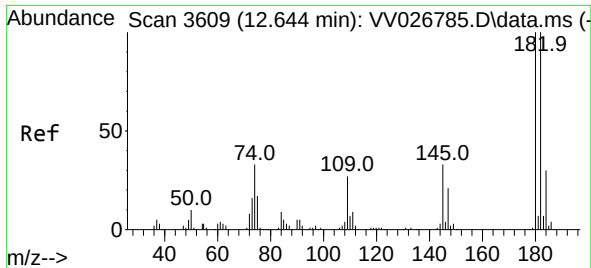
Tgt Ion:146 Resp: 193638
Ion Ratio Lower Upper
146 100
111 43.1 34.6 52.0
148 62.2 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.687 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV026803.D
Acq: 15 Jul 2022 20:16

Tgt Ion: 75 Resp: 12510
Ion Ratio Lower Upper
75 100
155 82.5 60.3 90.5
157 105.8 78.2 117.4

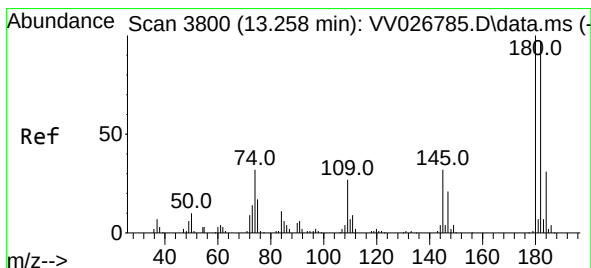
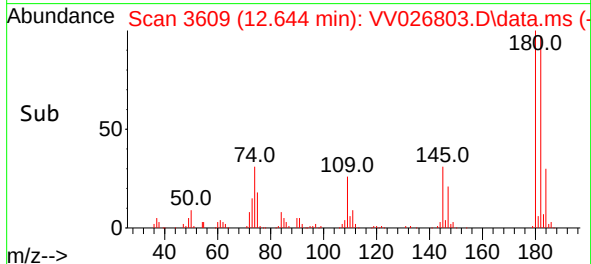
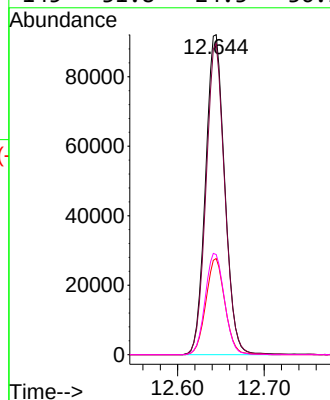
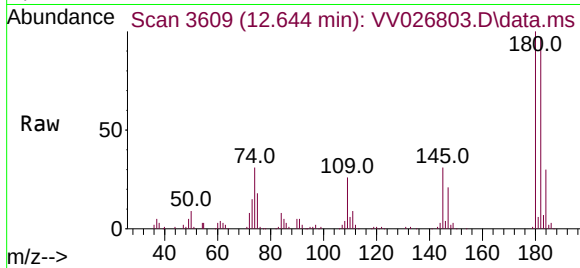




#69
 1,3,5-Trichlorobenzene
 Concen: 4.797 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV026803.D
 Acq: 15 Jul 2022 20:16

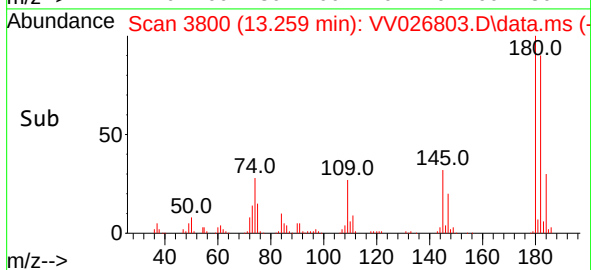
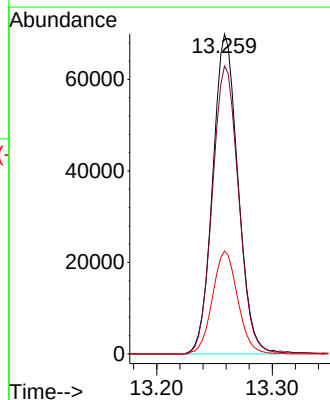
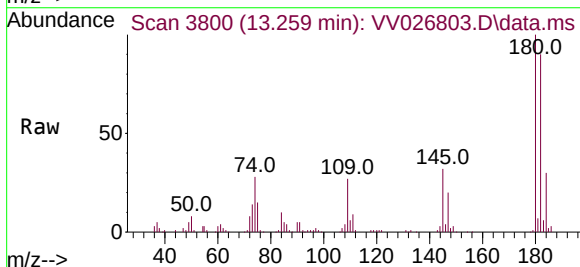
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005356

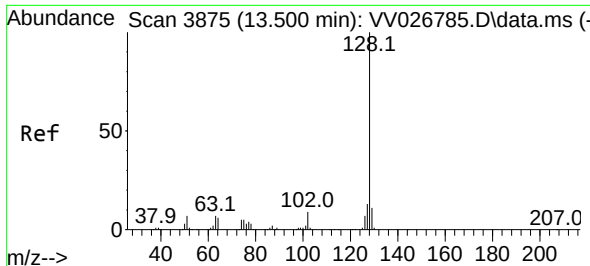
Tgt Ion:180 Resp: 141452
 Ion Ratio Lower Upper
 180 100
 182 95.1 74.0 111.0
 184 29.9 23.1 34.7
 145 31.8 24.3 36.5



#70
 1,2,4-trichlorobenzene
 Concen: 4.746 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV026803.D
 Acq: 15 Jul 2022 20:16

Tgt Ion:180 Resp: 106441
 Ion Ratio Lower Upper
 180 100
 182 93.5 74.7 112.1
 145 32.1 24.7 37.1

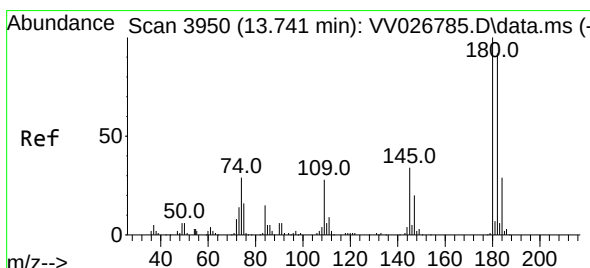
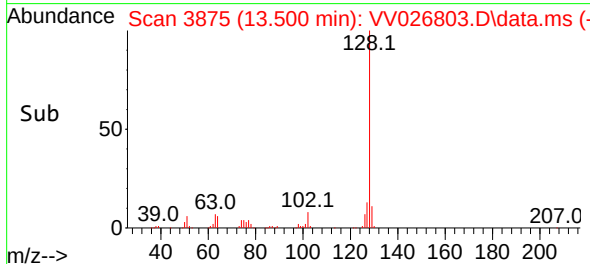
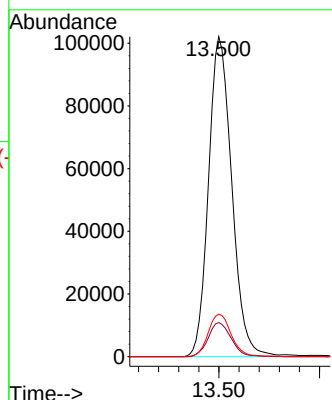
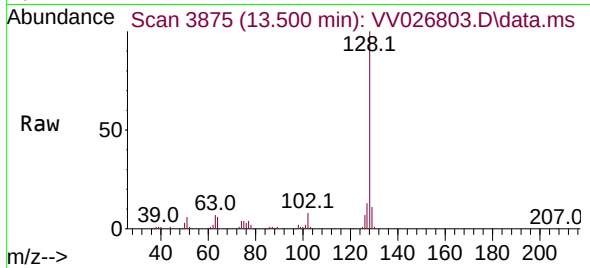




#71
Naphthalene
Concen: 4.409 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV026803.D
Acq: 15 Jul 2022 20:16

Instrument :
MSVOA_V
ClientSampleId :
VSTD005356

Tgt Ion:128 Resp: 163802
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 13.2 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 4.770 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV026803.D
Acq: 15 Jul 2022 20:16

Tgt Ion:180 Resp: 99543
Ion Ratio Lower Upper
180 100
182 93.6 75.0 112.4
145 33.1 26.0 39.0

