

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101722\
 Data File : VW028600.D
 Acq On : 17 Oct 2022 20:08
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005326

Quant Time: Oct 18 02:52:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 18 01:19:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	206223	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	198654	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	99440	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	86741	4.887	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.800%
7) Chloroethane-d5	1.565	69	74864	5.131	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.600%
11) 1,1-Dichloroethene-d2	2.105	63	160873	5.004	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.000%
20) 2-Butanone-d5	3.902	46	127976	33.542	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.080%
24) Chloroform-d	4.343	84	131630	4.844	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.031	65	65676	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.047	84	259147	4.040	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	6.066	67	84727	4.093	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.800%
41) Toluene-d8	7.310	98	224834	4.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.619	79	27084	3.873	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.088	63	152329	50.470	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.940%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	61922	5.023	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	11.616	152	76485	4.661	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	60234	5.172	ug/L	98
3) Chloromethane	1.237	50	97019	4.976	ug/L	99
5) Vinyl chloride	1.307	62	99688	5.250	ug/L	97
6) Bromomethane	1.520	94	42882	5.015	ug/L	99
8) Chloroethane	1.581	64	64955	5.274	ug/L	98
9) Trichlorofluoromethane	1.751	101	125200	5.395	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	75240	5.499	ug/L	98
12) 1,1-Dichloroethene	2.114	96	71959	5.612	ug/L	94
13) Acetone	2.188	43	73785	27.539	ug/L	93
14) Carbon disulfide	2.291	76	156259	4.352	ug/L	99
15) Methyl Acetate	2.439	43	23046	3.635	ug/L #	87
16) Methylene chloride	2.503	84	73066	4.040	ug/L	93
17) Methyl tert-butyl Ether	2.767	73	162543	4.991	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	65388	4.890	ug/L	98
19) 1,1-Dichloroethane	3.185	63	143454	4.767	ug/L	100
21) 2-Butanone	3.986	43	126430	32.946	ug/L #	73
22) cis-1,2-Dichloroethene	3.908	96	74093	4.901	ug/L #	96
23) Bromochloromethane	4.243	128	28252	4.873	ug/L	91
25) Chloroform	4.371	83	140891	4.940	ug/L	100

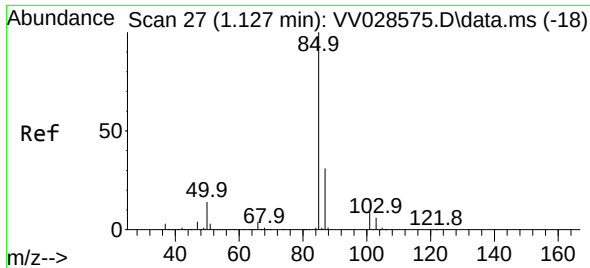
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101722\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 18 01:19:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	77068	4.539	ug/L	96
29) 1,1,1-Trichloroethane	4.603	97	111360	4.056	ug/L	98
30) Cyclohexane	4.670	56	122111	3.852	ug/L	97
31) Carbon tetrachloride	4.822	117	88059	4.079	ug/L	100
33) Benzene	5.095	78	303221	4.320	ug/L	100
34) Trichloroethene	5.912	95	72612	4.331	ug/L	97
35) Methylcyclohexane	6.127	83	116460	4.172	ug/L	98
37) 1,2-Dichloropropane	6.169	63	78214	4.378	ug/L	99
38) Bromodichloromethane	6.506	83	90174	4.426	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	99486	4.180	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	506948	52.113	ug/L	98
42) Toluene	7.384	91	314091	4.769	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	81412	4.461	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	50706	5.106	ug/L	97
47) Tetrachloroethene	7.969	164	49764	4.560	ug/L	97
48) 2-Hexanone	8.137	43	363241	53.983	ug/L	98
49) Dibromochloromethane	8.243	129	49951	4.716	ug/L	96
50) 1,2-Dibromoethane	8.349	107	45120	5.160	ug/L #	97
51) Chlorobenzene	8.876	112	190804	4.673	ug/L	100
52) Ethylbenzene	9.008	91	341738	4.671	ug/L	99
53) m,p-Xylene	9.133	106	125997	4.604	ug/L	99
54) o-Xylene	9.538	106	123536	4.658	ug/L	94
55) Styrene	9.555	104	213348	4.755	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	63110	5.172	ug/L	98
59) Bromoform	9.725	173	23216	4.637	ug/L	100
60) Isopropylbenzene	9.924	105	337754	4.653	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	44233	4.978	ug/L	97
62) 1,3,5-Trimethylbenzene	10.532	105	94617	4.333	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	270483	4.530	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	143745	4.694	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	142854	4.760	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	132221	4.813	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	9089	4.927	ug/L	95
69) 1,3,5-Trichlorobenzene	12.638	180	104548	4.668	ug/L	100
70) 1,2,4-trichlorobenzene	13.252	180	81107	4.754	ug/L	98
71) Naphthalene	13.493	128	116978	4.576	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	70318	5.001	ug/L	99

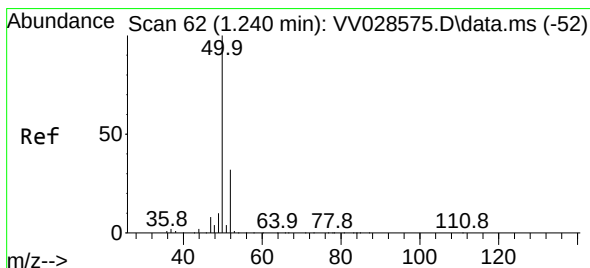
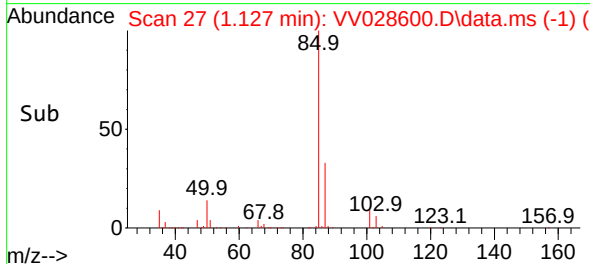
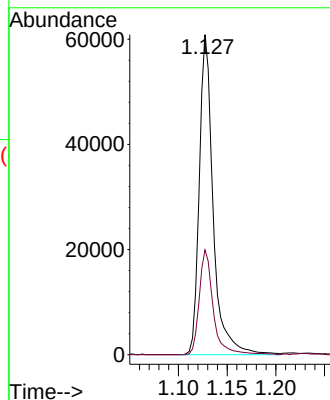
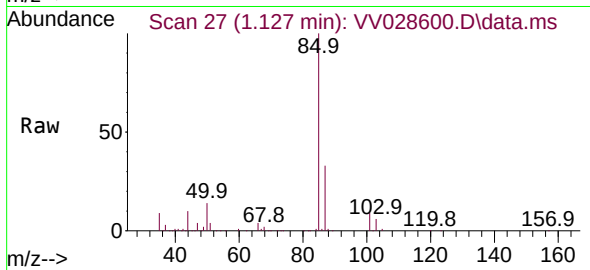
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.172 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV028600.D
 Acq: 17 Oct 2022 20:08

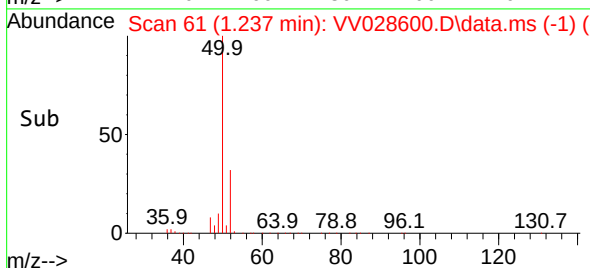
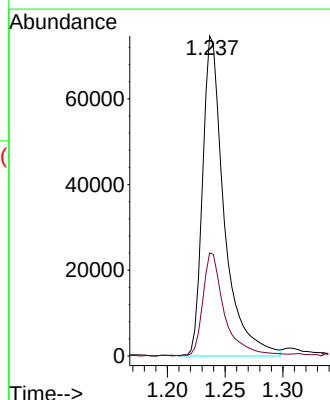
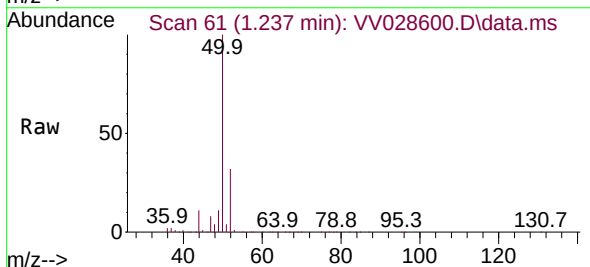
Instrument :
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 ClientSampleId :
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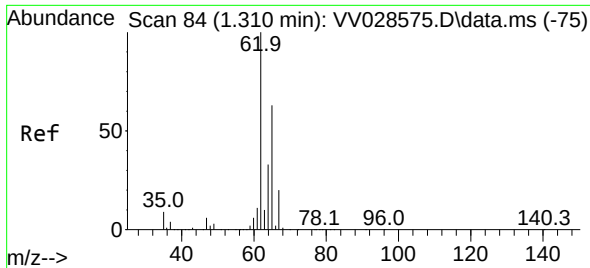
Tgt Ion: 85 Resp: 60234
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.4 38.2



#3
 Chloromethane
 Concen: 4.976 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV028600.D
 Acq: 17 Oct 2022 20:08

Tgt Ion: 50 Resp: 97019
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.0 41.0

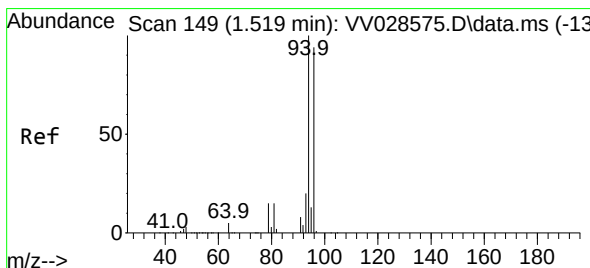
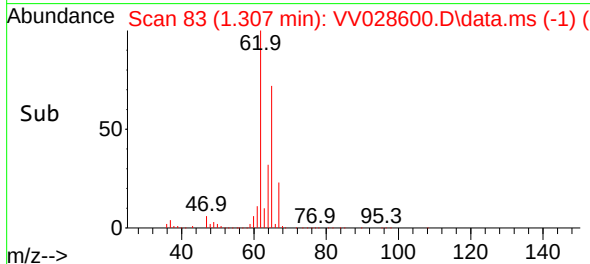
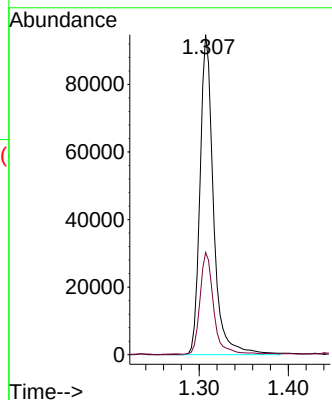
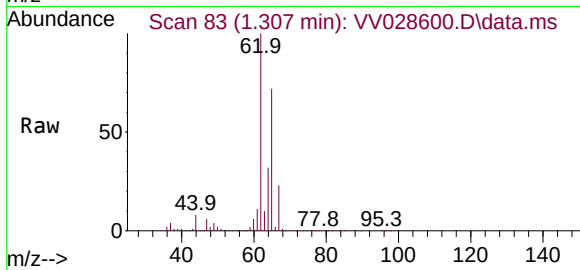




#5
 Vinyl chloride
 Concen: 5.250 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV028600.D
 Acq: 17 Oct 2022 20:08

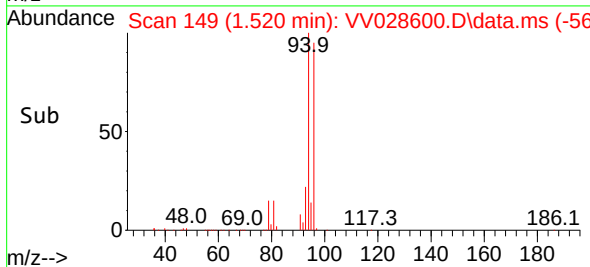
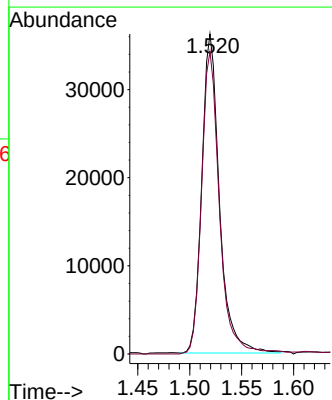
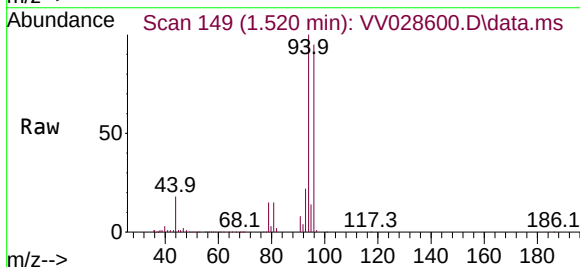
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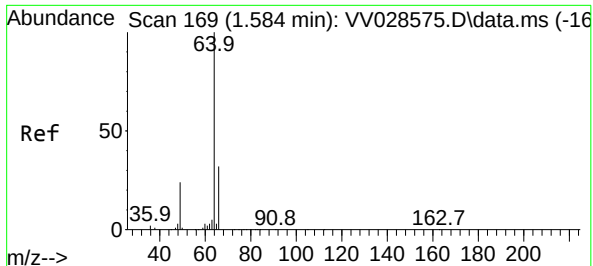
Tgt Ion: 62 Resp: 99688
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.7 44.1



#6
 Bromomethane
 Concen: 5.015 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV028600.D
 Acq: 17 Oct 2022 20:08

Tgt Ion: 94 Resp: 42882
 Ion Ratio Lower Upper
 94 100
 96 94.5 67.0 124.4

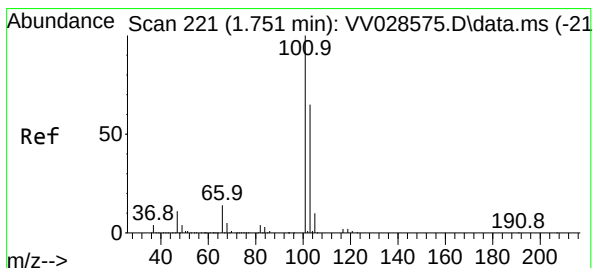
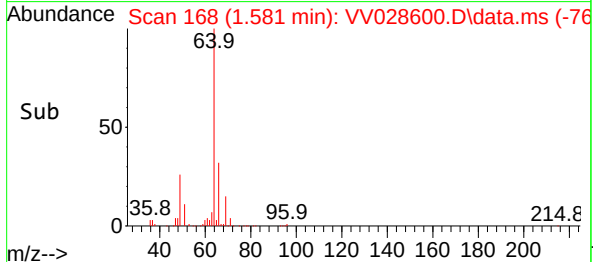
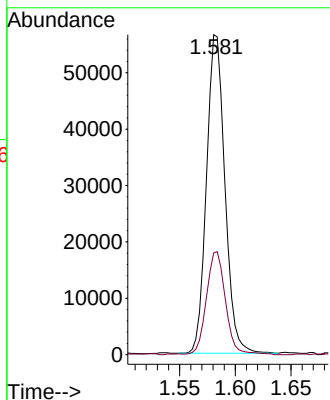
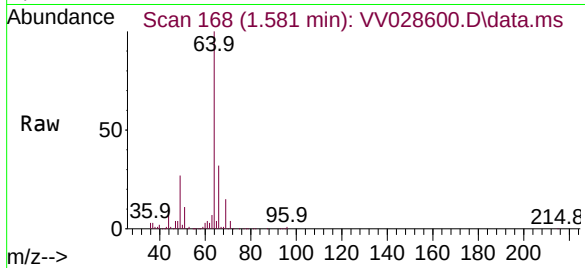




#8
Chloroethane
Concen: 5.274 ug/L
RT: 1.581 min Scan# 169
Delta R.T. -0.003 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

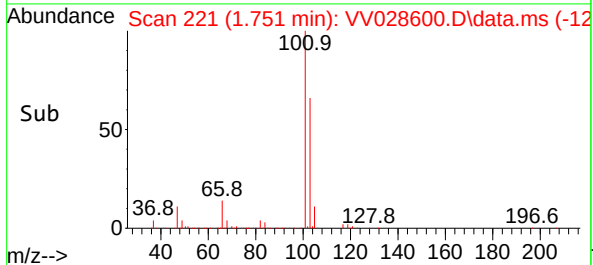
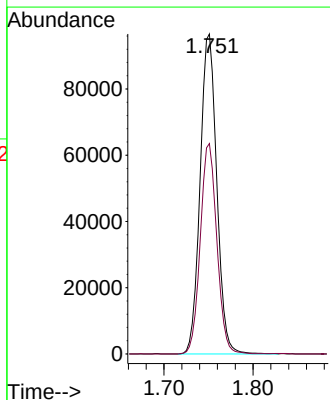
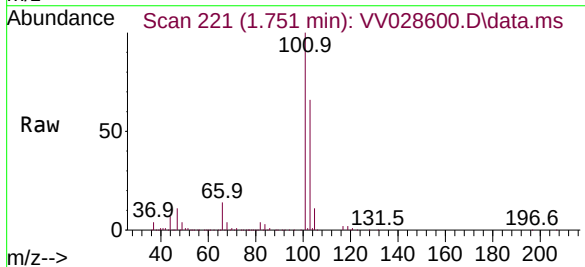
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ClientSampleId :
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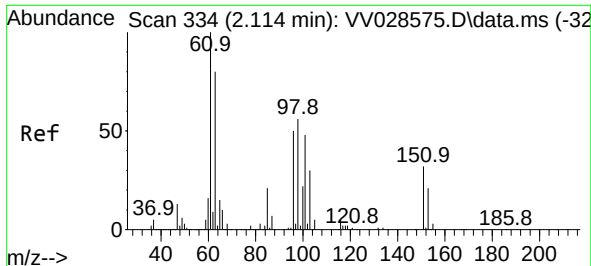
Tgt Ion: 64 Resp: 64955
Ion Ratio Lower Upper
64 100
66 31.8 23.0 42.8



#9
Trichlorofluoromethane
Concen: 5.395 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

Tgt Ion: 101 Resp: 125200
Ion Ratio Lower Upper
101 100
103 65.4 51.6 77.4

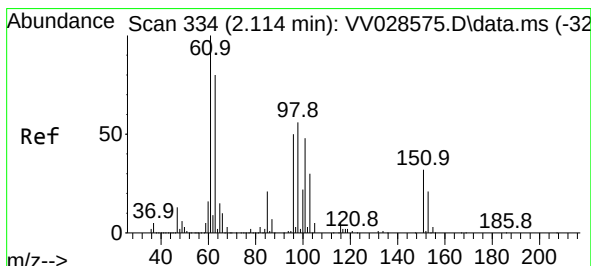
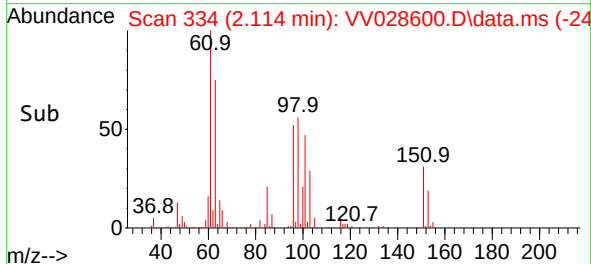
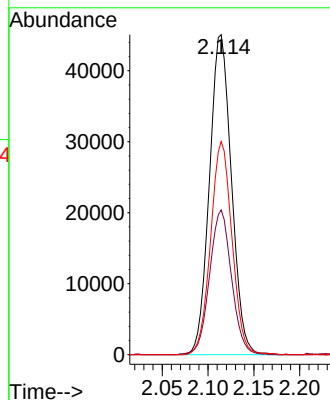
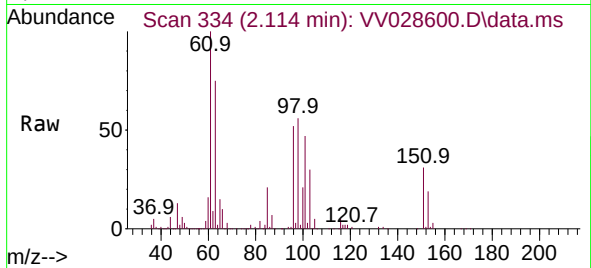




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.499 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV028600.D
 Acq: 17 Oct 2022 20:08

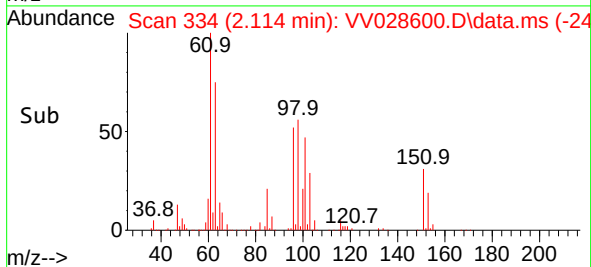
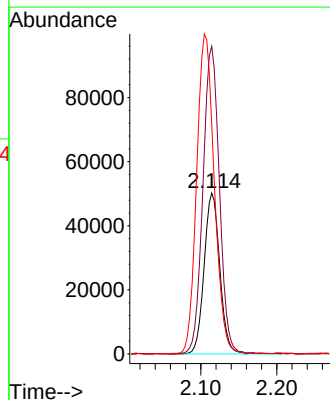
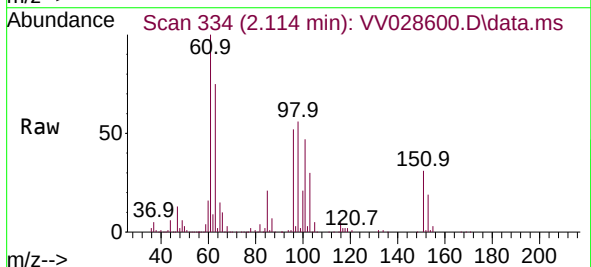
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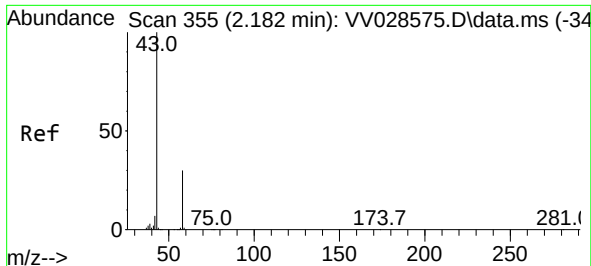
Tgt Ion:101 Resp: 75240
 Ion Ratio Lower Upper
 101 100
 85 45.1 37.3 55.9
 151 65.0 52.8 79.2



#12
 1,1-Dichloroethene
 Concen: 5.612 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV028600.D
 Acq: 17 Oct 2022 20:08

Tgt Ion: 96 Resp: 71959
 Ion Ratio Lower Upper
 96 100
 61 191.4 142.9 265.5
 63 143.0 102.3 190.1

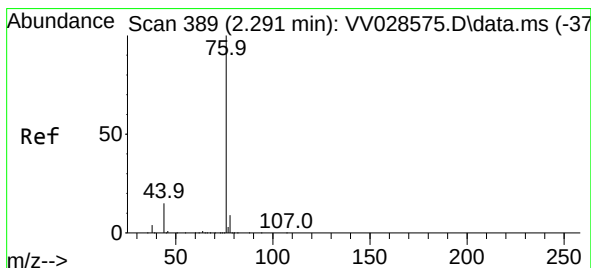
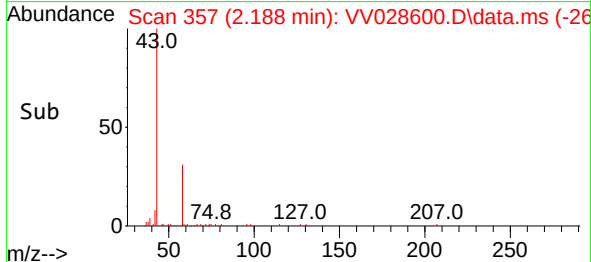
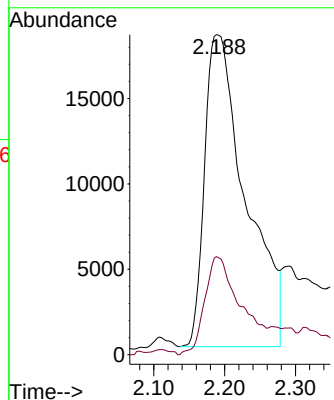
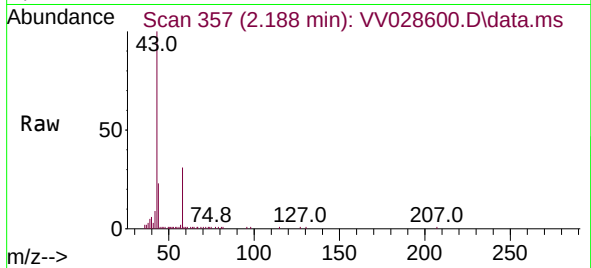




#13
Acetone
Concen: 27.539 ug/L
RT: 2.188 min Scan# 31
Delta R.T. 0.007 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

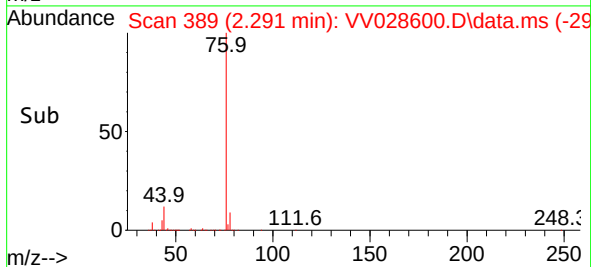
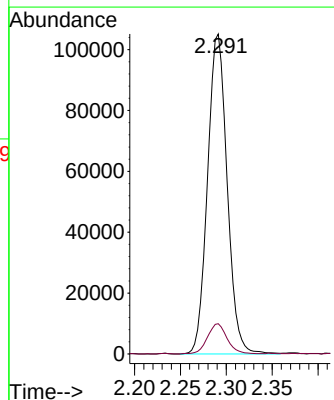
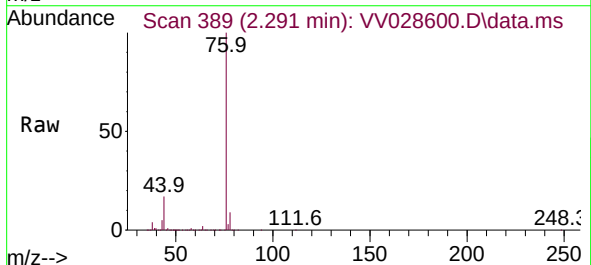
Instrument :
MSVOA_V
ClientSampleId :
VSTD005326

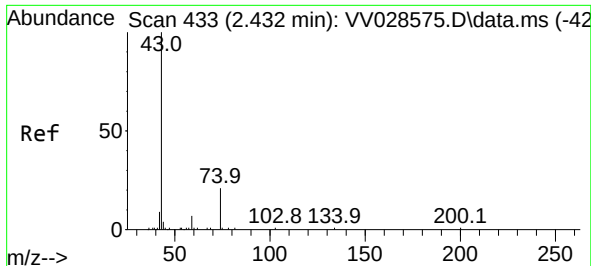
Tgt Ion: 43 Resp: 73785
Ion Ratio Lower Upper
43 100
58 27.6 0.0 48.6



#14
Carbon disulfide
Concen: 4.352 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

Tgt Ion: 76 Resp: 156259
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

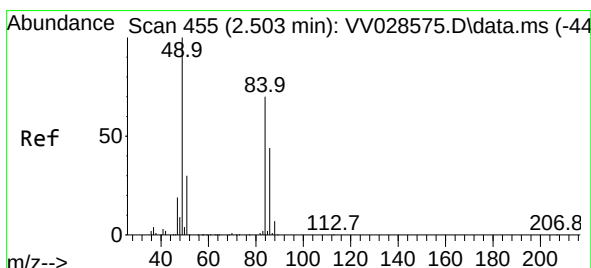
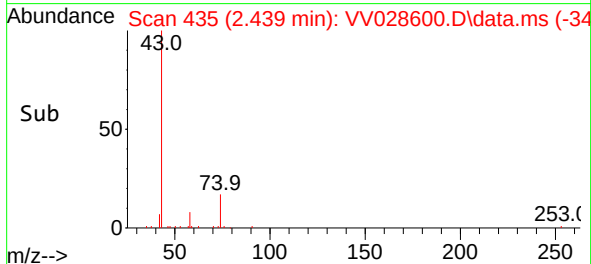
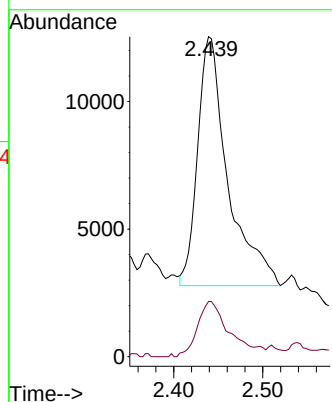
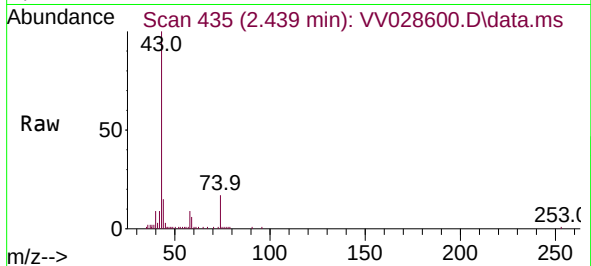




#15
Methyl Acetate
Concen: 3.635 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

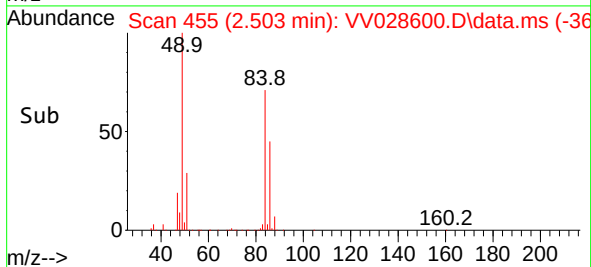
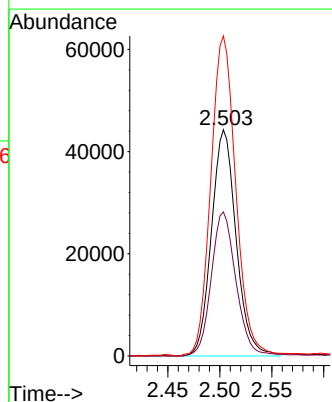
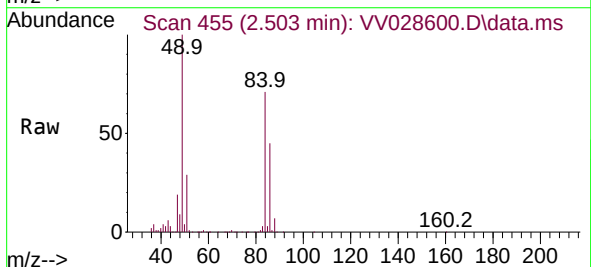
Instrument :
MSVOA_V
ClientSampleId :
VSTD005326

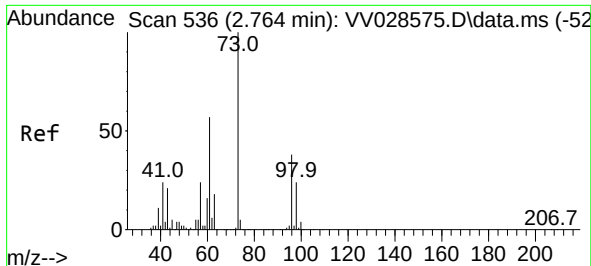
Tgt Ion: 43 Resp: 23046
Ion Ratio Lower Upper
43 100
74 22.6 13.8 20.6#



#16
Methylene chloride
Concen: 4.040 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

Tgt Ion: 84 Resp: 73066
Ion Ratio Lower Upper
84 100
86 63.7 42.8 79.6
49 141.4 106.4 197.6

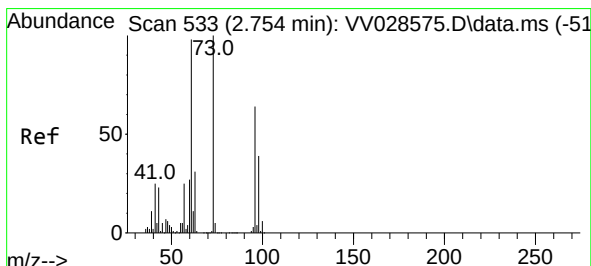
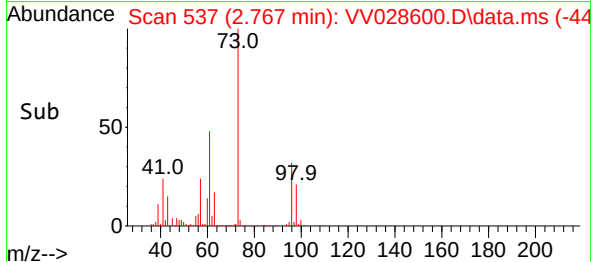
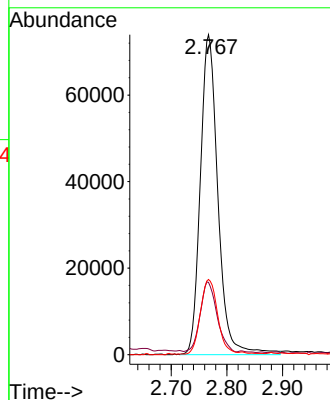
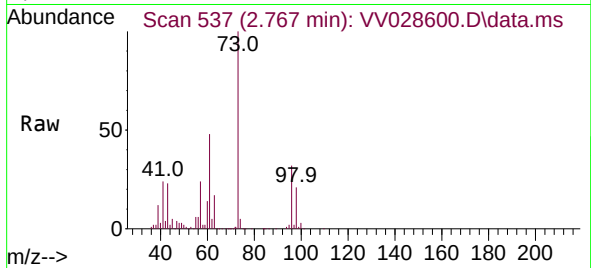




#17
Methyl tert-butyl Ether
Concen: 4.991 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

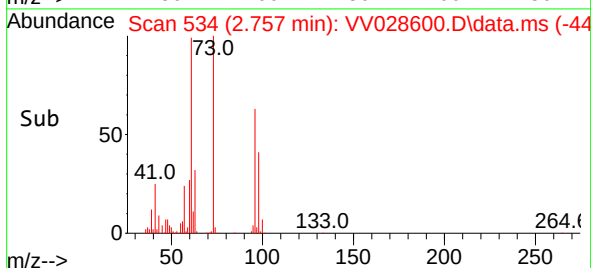
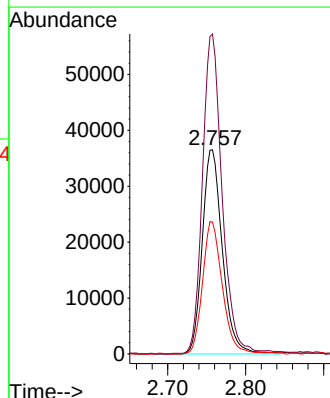
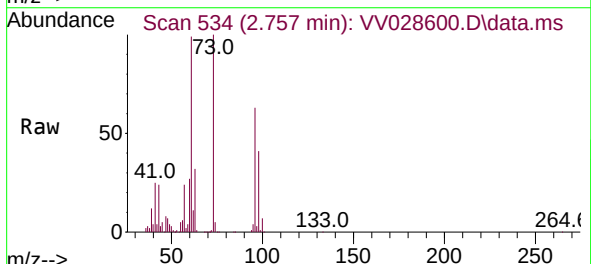
Instrument :
MSVOA_V
ClientSampleId :
VSTD005326

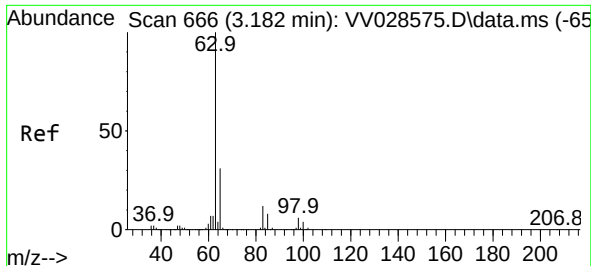
Tgt Ion: 73 Resp: 162543
Ion Ratio Lower Upper
73 100
43 20.7 18.2 27.2
57 22.5 19.5 29.3



#18
trans-1,2-Dichloroethene
Concen: 4.890 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

Tgt Ion: 96 Resp: 65388
Ion Ratio Lower Upper
96 100
61 156.8 111.2 206.6
98 64.6 42.9 79.7





#19

1,1-Dichloroethane

Concen: 4.767 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV028600.D

Acq: 17 Oct 2022 20:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD005326

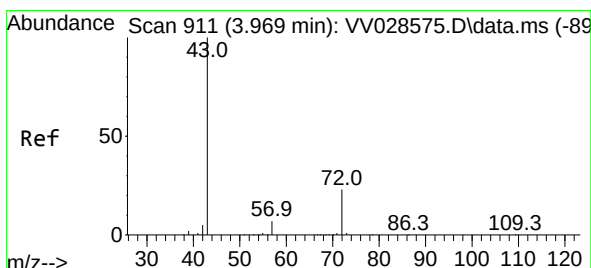
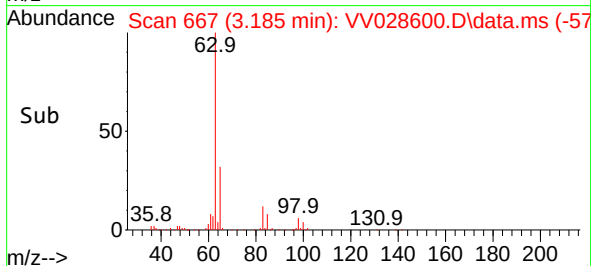
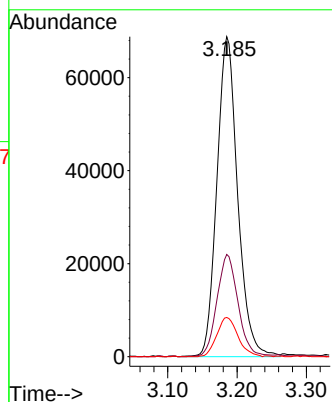
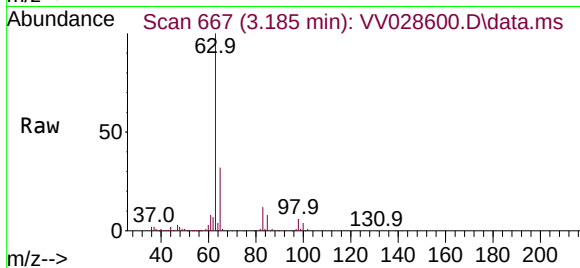
Tgt Ion: 63 Resp: 143454

Ion Ratio Lower Upper

63 100

65 31.9 22.3 41.5

83 12.2 8.5 15.7



#21

2-Butanone

Concen: 32.946 ug/L

RT: 3.986 min Scan# 916

Delta R.T. 0.016 min

Lab File: VV028600.D

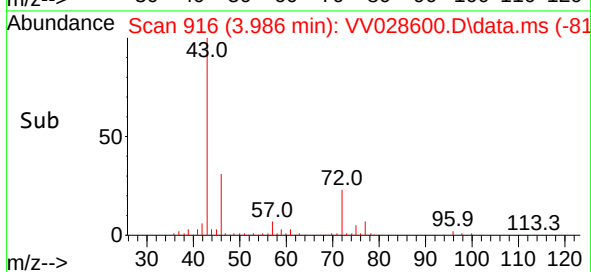
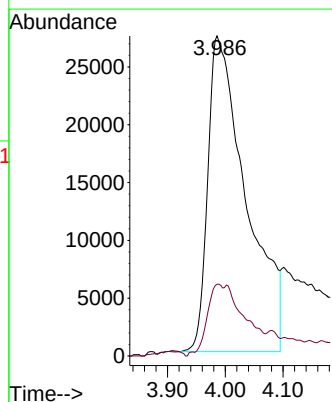
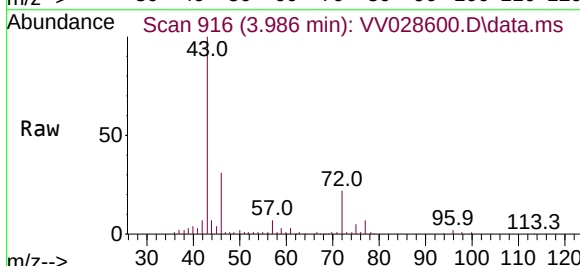
Acq: 17 Oct 2022 20:08

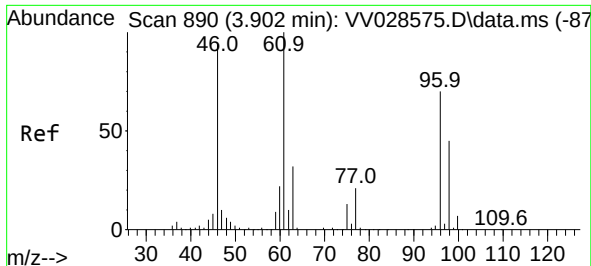
Tgt Ion: 43 Resp: 126430

Ion Ratio Lower Upper

43 100

72 9.1 11.1 33.3#

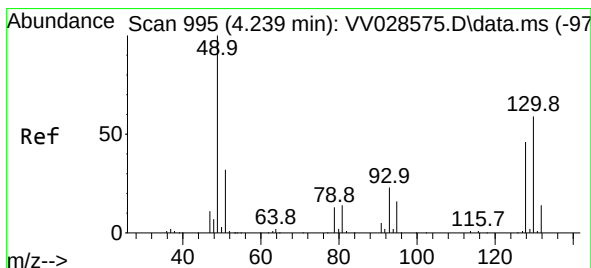
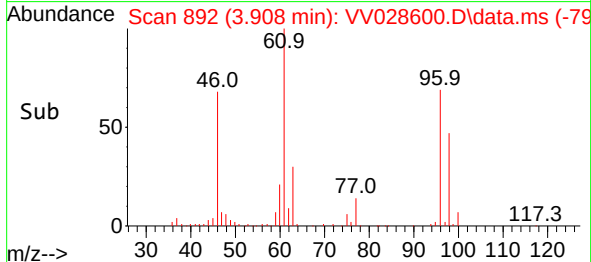
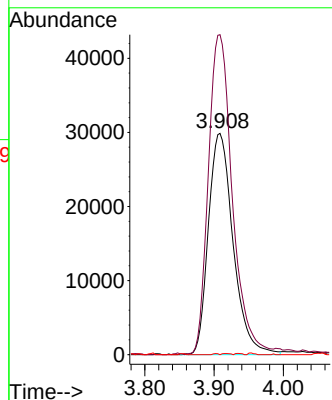
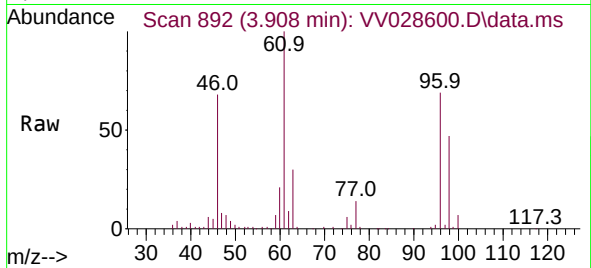




#22
 cis-1,2-Dichloroethene
 Concen: 4.901 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.007 min
 Lab File: VV028600.D
 Acq: 17 Oct 2022 20:08

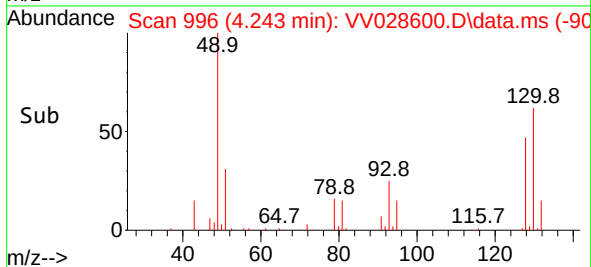
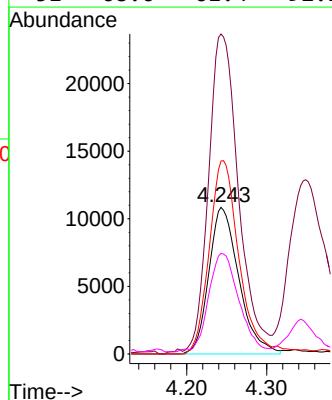
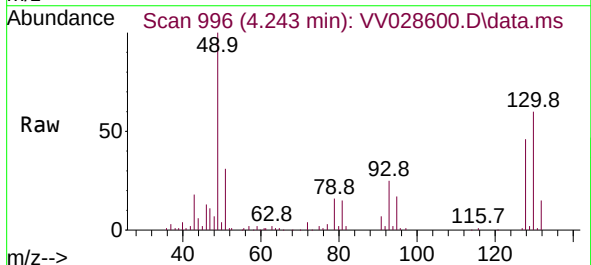
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005326

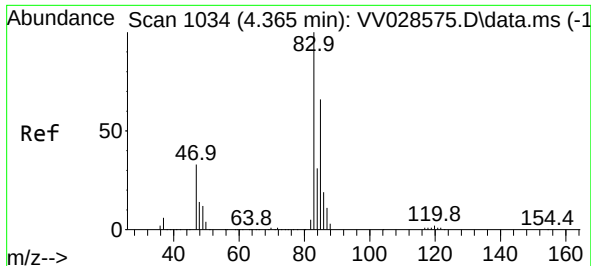
Tgt Ion: 96 Resp: 74093
 Ion Ratio Lower Upper
 96 100
 61 144.6 105.1 195.3
 68 0.0 0.5 0.9#



#23
 Bromochloromethane
 Concen: 4.873 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.003 min
 Lab File: VV028600.D
 Acq: 17 Oct 2022 20:08

Tgt Ion:128 Resp: 28252
 Ion Ratio Lower Upper
 128 100
 49 218.3 165.8 308.0
 130 131.7 88.8 165.0
 51 68.6 61.4 92.2

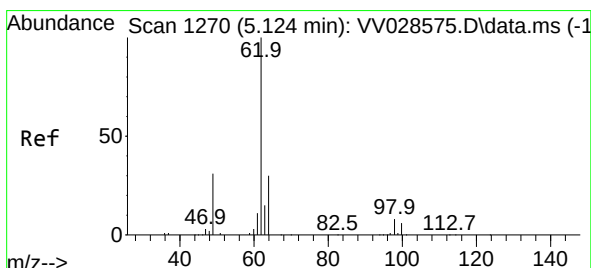
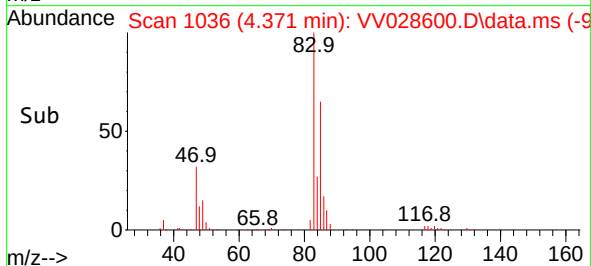
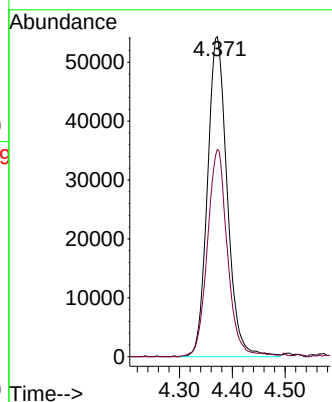
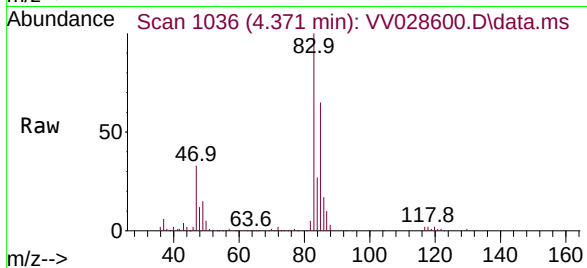




#25
Chloroform
Concen: 4.940 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.007 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

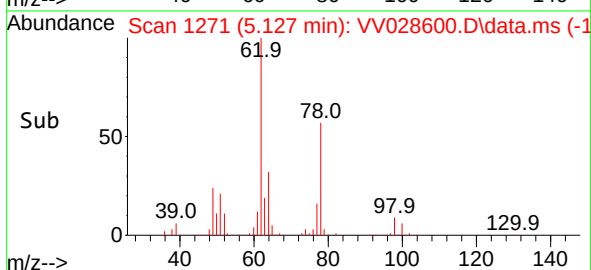
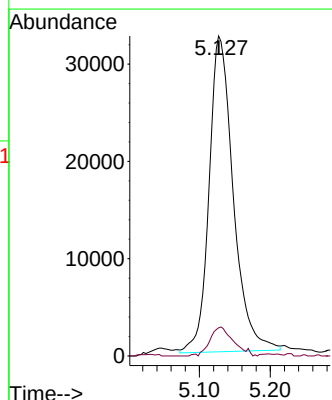
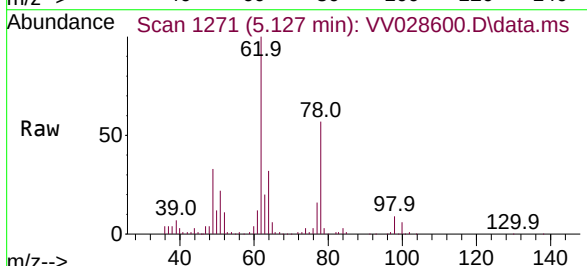
Instrument :
MSVOA_V
ClientSampleId :
VSTD005326

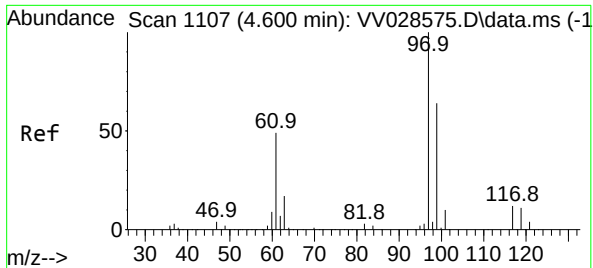
Tgt Ion: 83 Resp: 140891
Ion Ratio Lower Upper
83 100
85 64.8 45.1 83.9



#27
1,2-Dichloroethane
Concen: 4.539 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.003 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

Tgt Ion: 62 Resp: 77068
Ion Ratio Lower Upper
62 100
98 8.8 5.9 8.9

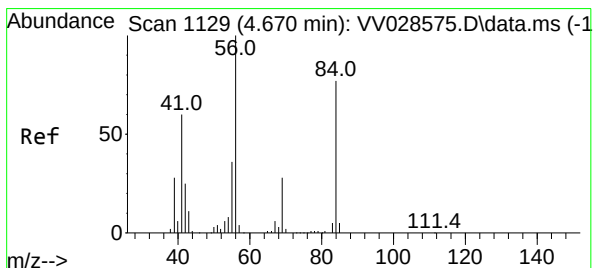
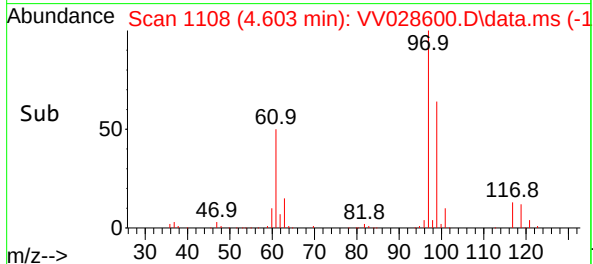
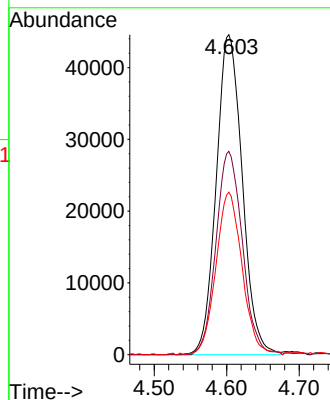
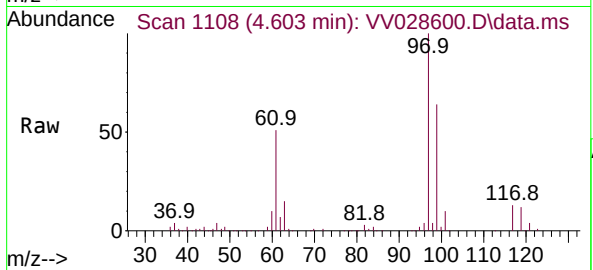




#29
1,1,1-Trichloroethane
Concen: 4.056 ug/L
RT: 4.603 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

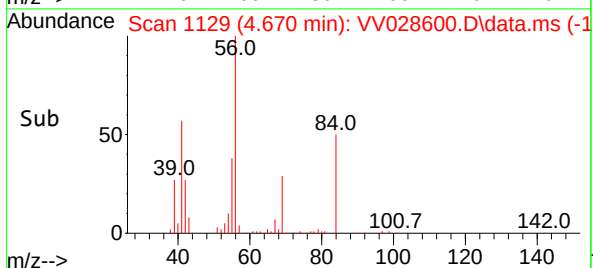
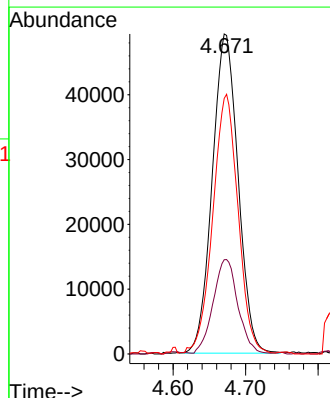
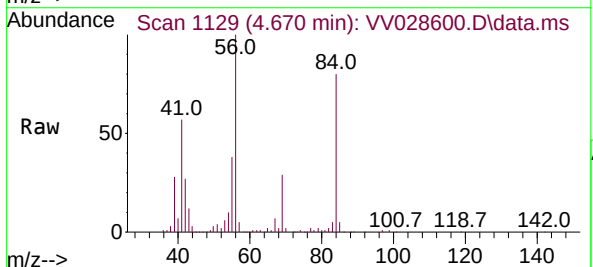
Instrument :
MSVOA_V
ClientSampleId :
VSTD005326

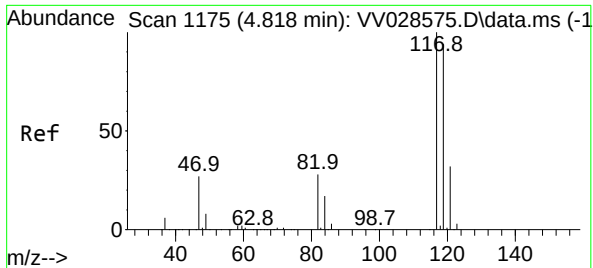
Tgt Ion: 97 Resp: 111360
Ion Ratio Lower Upper
97 100
99 64.2 52.6 78.8
61 51.1 42.1 63.1



#30
Cyclohexane
Concen: 3.852 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

Tgt Ion: 56 Resp: 122111
Ion Ratio Lower Upper
56 100
69 28.1 22.4 33.6
84 79.0 60.1 90.1

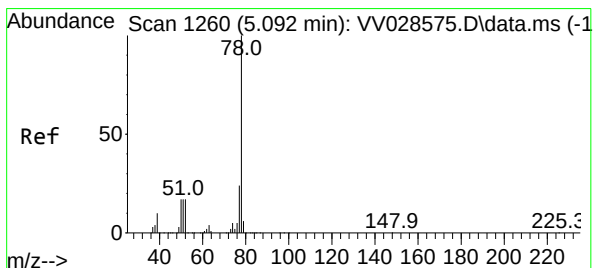
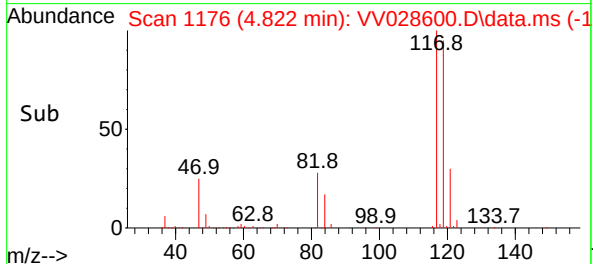
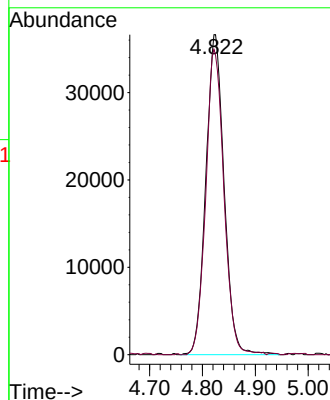
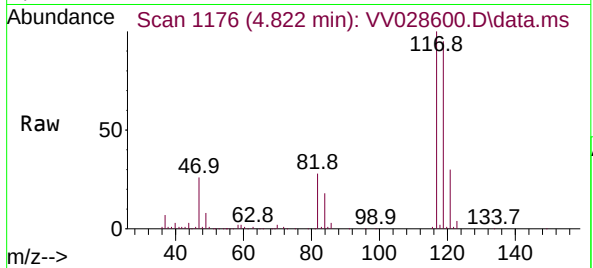




#31
Carbon tetrachloride
Concen: 4.079 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

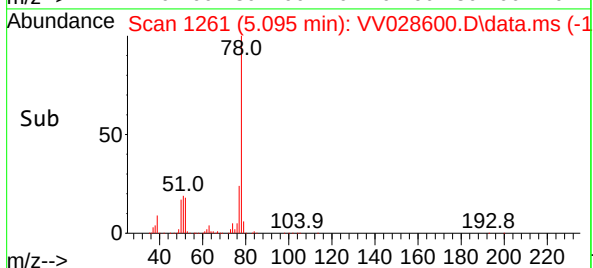
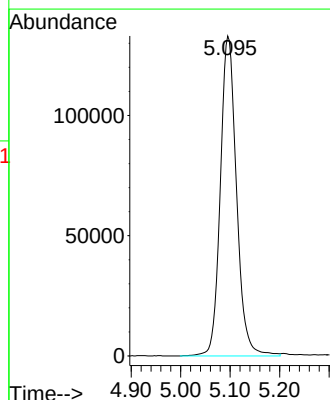
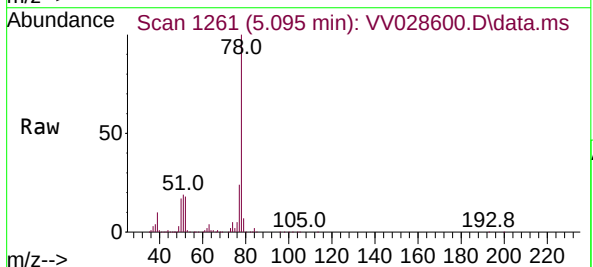
Instrument :
MSVOA_V
ClientSampleId :
VSTD005326

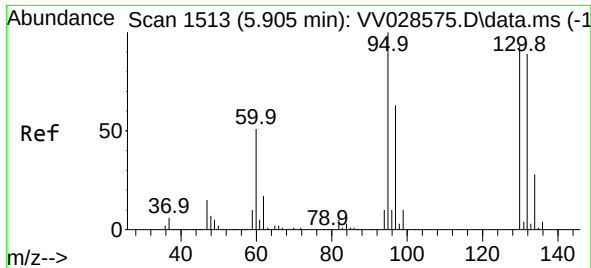
Tgt Ion:117 Resp: 88059
Ion Ratio Lower Upper
117 100
119 94.3 75.5 113.3



#33
Benzene
Concen: 4.320 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

Tgt Ion: 78 Resp: 303221

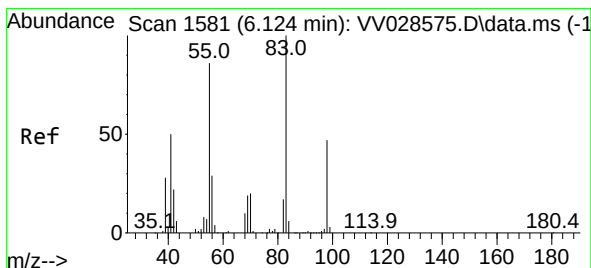
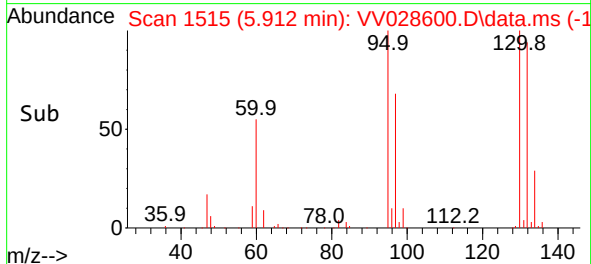
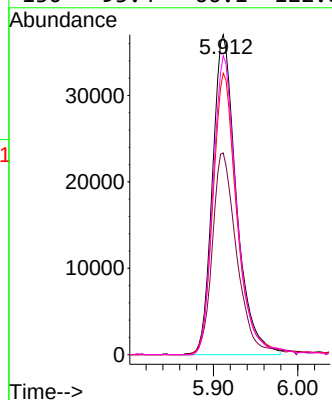
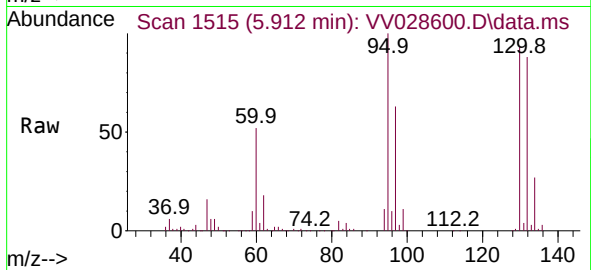




#34
Trichloroethene
Concen: 4.331 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.007 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

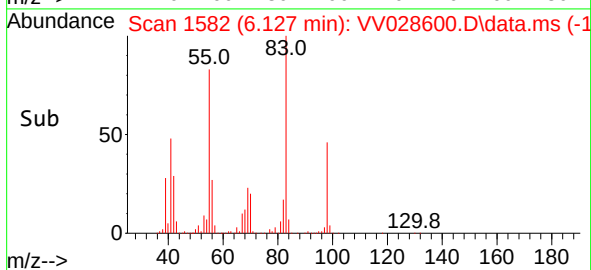
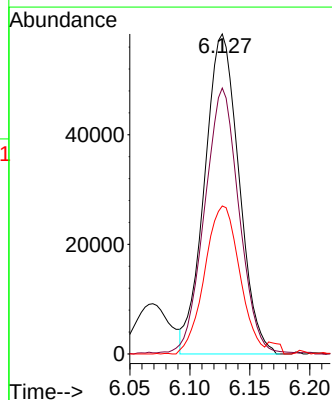
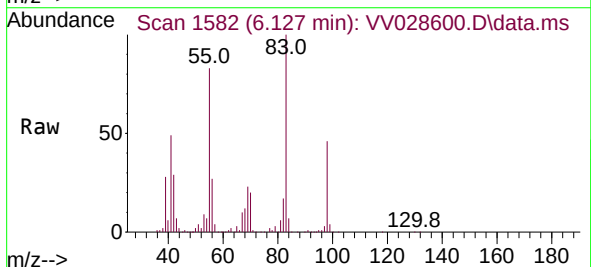
Instrument :
MSVOA_V
ClientSampleId :
VSTD005326

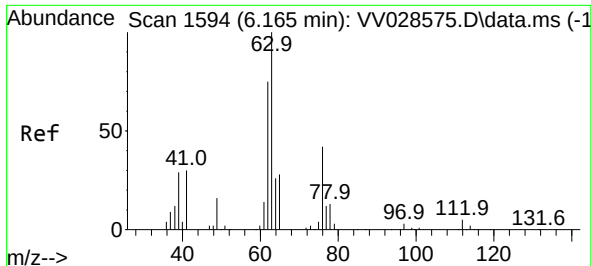
Tgt Ion: 95 Resp: 72612
Ion Ratio Lower Upper
95 100
97 63.1 46.2 85.8
132 87.9 65.1 120.9
130 93.4 66.1 122.8



#35
Methylcyclohexane
Concen: 4.172 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

Tgt Ion: 83 Resp: 116460
Ion Ratio Lower Upper
83 100
55 82.7 65.0 97.6
98 46.9 36.4 54.6





#37

1,2-Dichloropropane

Concen: 4.378 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028600.D

Acq: 17 Oct 2022 20:08

Instrument :

MSVOA_V

ClientSampleId :

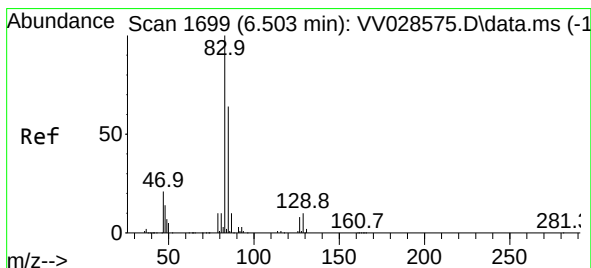
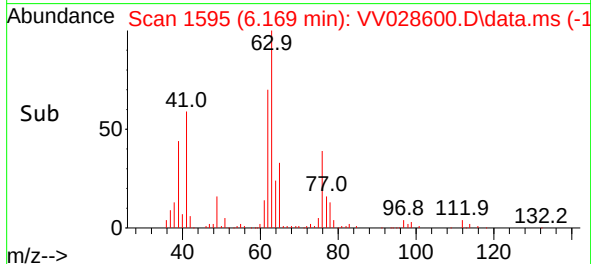
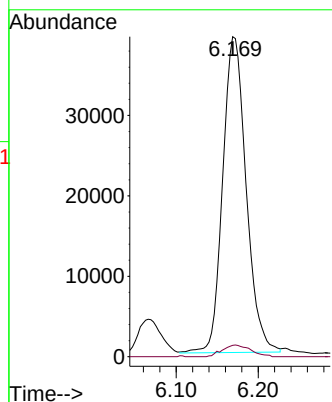
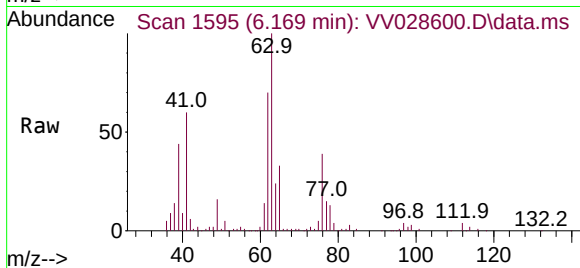
VSTD005326

Tgt Ion: 63 Resp: 78214

Ion Ratio Lower Upper

63 100

112 4.5 3.4 5.2



#38

Bromodichloromethane

Concen: 4.426 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV028600.D

Acq: 17 Oct 2022 20:08

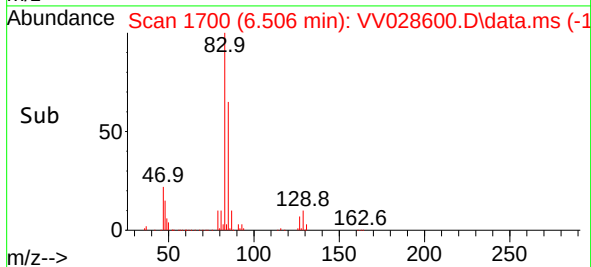
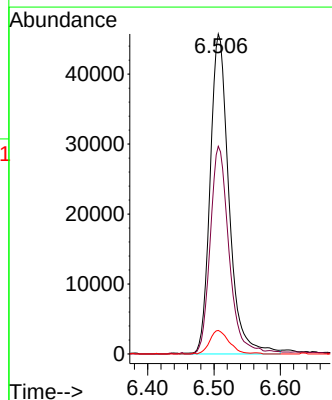
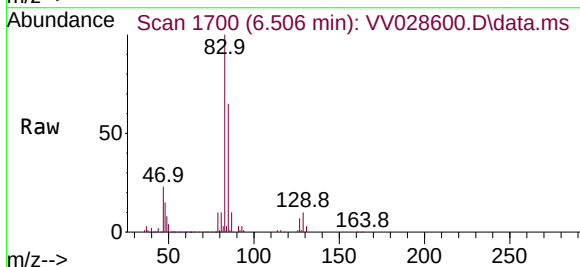
Tgt Ion: 83 Resp: 90174

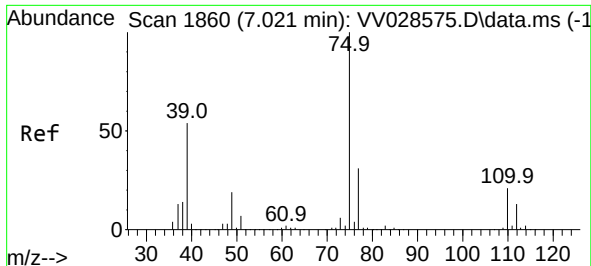
Ion Ratio Lower Upper

83 100

85 64.9 44.2 82.0

127 7.3 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 4.180 ug/L

RT: 7.024 min Scan# 1860

Delta R.T. 0.003 min

Lab File: VV028600.D

Acq: 17 Oct 2022 20:08

Instrument :

MSVOA_V

ClientSampleId :

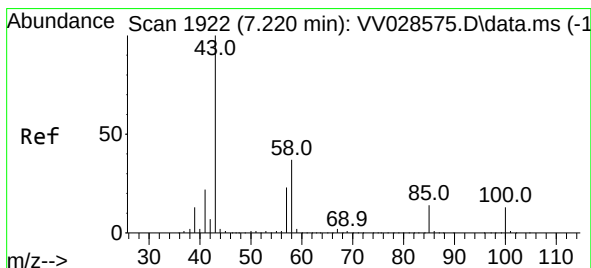
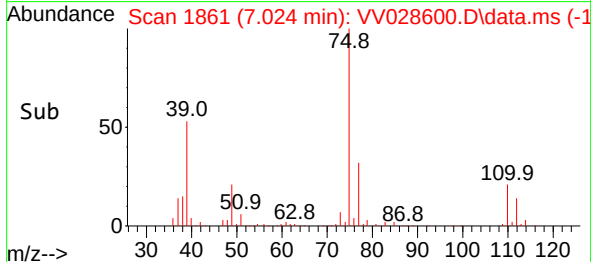
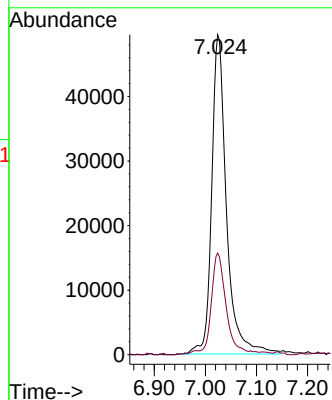
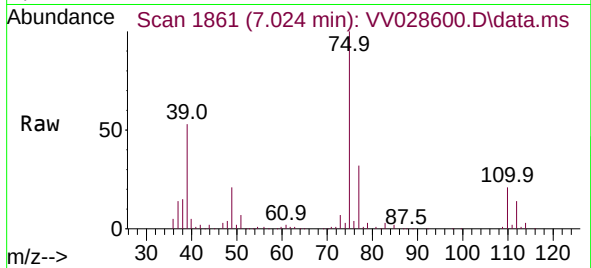
VSTD005326

Tgt Ion: 75 Resp: 99486

Ion Ratio Lower Upper

75 100

77 31.7 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 52.113 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV028600.D

Acq: 17 Oct 2022 20:08

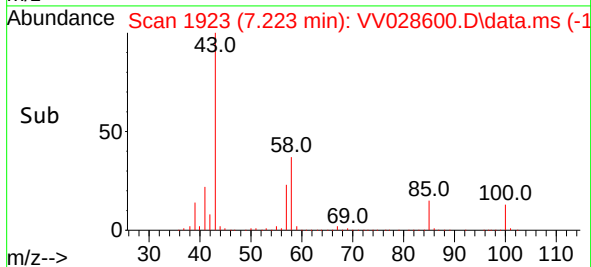
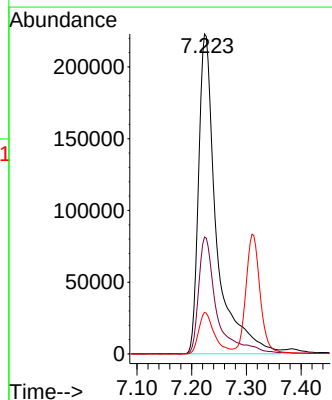
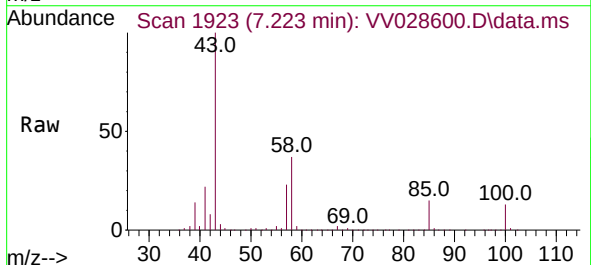
Tgt Ion: 43 Resp: 506948

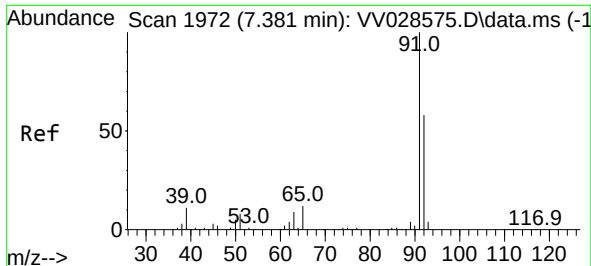
Ion Ratio Lower Upper

43 100

58 37.5 29.3 43.9

100 11.4 10.0 15.0

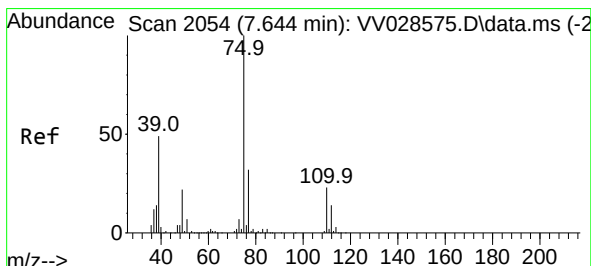
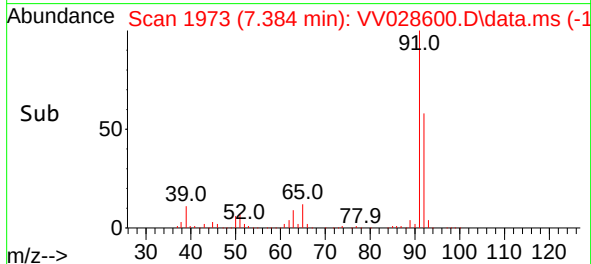
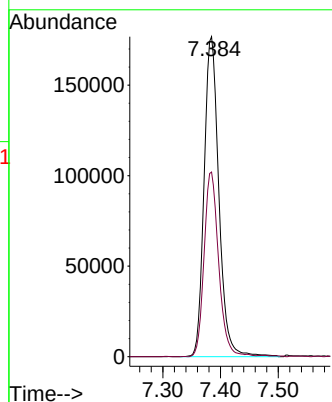
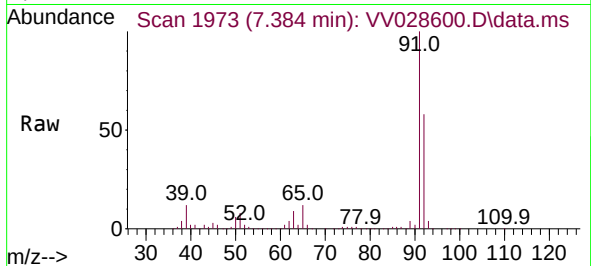




#42
Toluene
Concen: 4.769 ug/L
RT: 7.384 min Scan# 1972
Delta R.T. 0.003 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

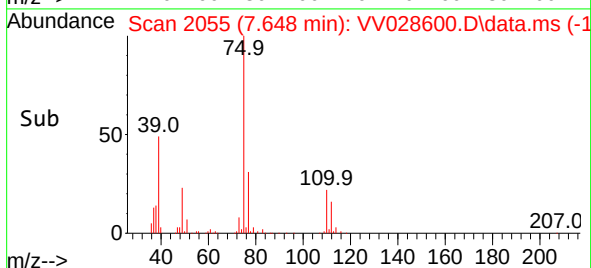
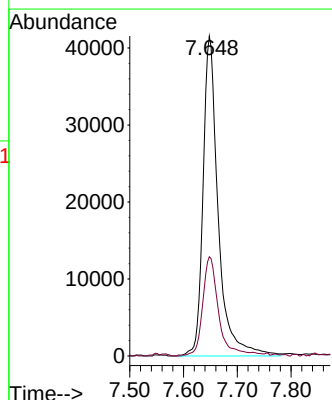
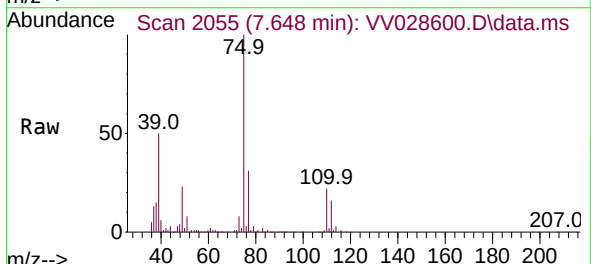
Instrument :
MSVOA_V
ClientSampleId :
VSTD005326

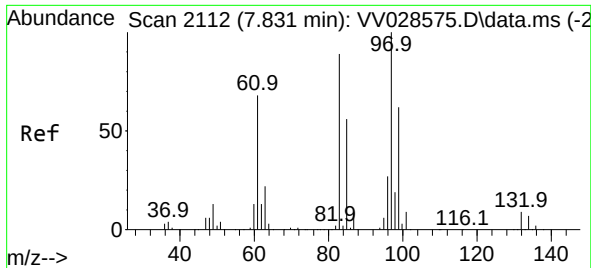
Tgt Ion: 91 Resp: 314091
Ion Ratio Lower Upper
91 100
92 57.7 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 4.461 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.003 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

Tgt Ion: 75 Resp: 81412
Ion Ratio Lower Upper
75 100
77 31.0 21.7 40.3

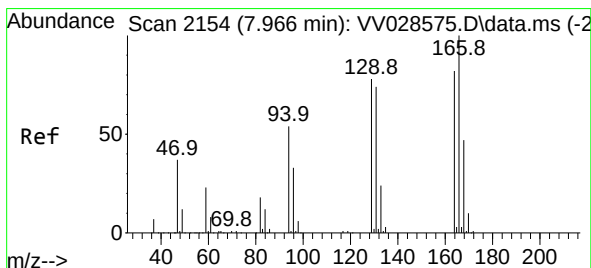
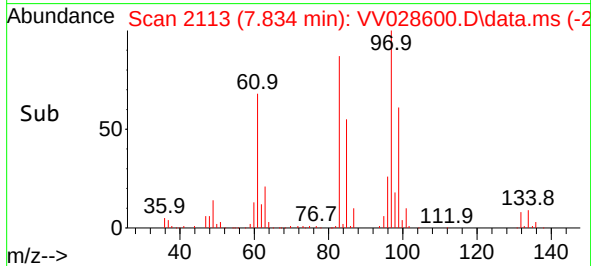
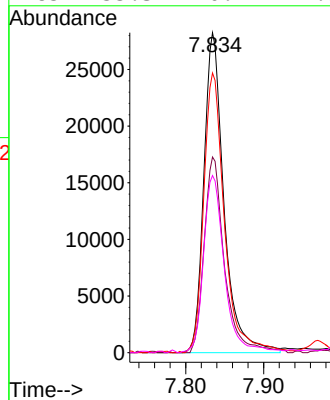
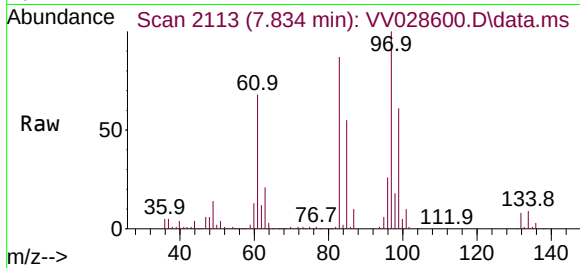




#45
1,1,2-Trichloroethane
Concen: 5.106 ug/L
RT: 7.834 min Scan# 2112
Delta R.T. 0.003 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

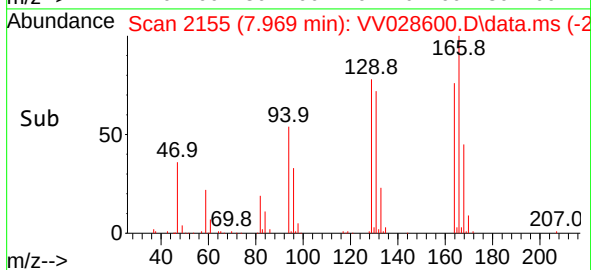
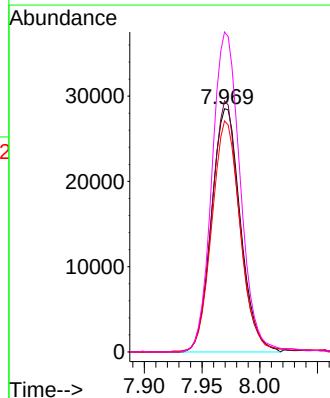
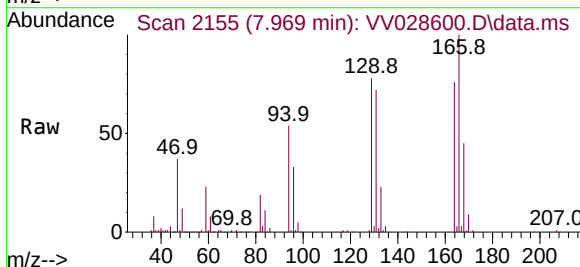
Instrument :
MSVOA_V
ClientSampleId :
VSTD005326

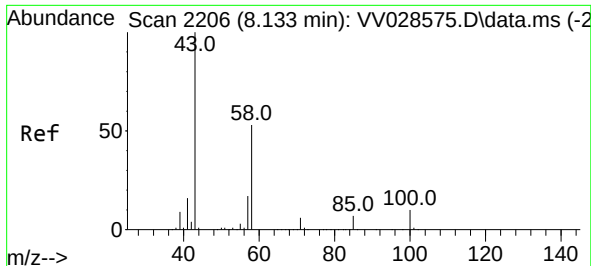
Tgt Ion:	97	Resp:	50706
Ion	Ratio	Lower	Upper
97	100		
99	61.2	44.4	82.4
83	87.4	63.1	117.1
85	55.3	40.1	74.5



#47
Tetrachloroethene
Concen: 4.560 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

Tgt Ion:	164	Resp:	49764
Ion	Ratio	Lower	Upper
164	100		
129	103.2	69.3	128.7
131	95.0	67.3	125.1
166	131.5	88.5	164.4





#48

2-Hexanone

Concen: 53.983 ug/L

RT: 8.137 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV028600.D

Acq: 17 Oct 2022 20:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD005326

Tgt Ion: 43 Resp: 363241

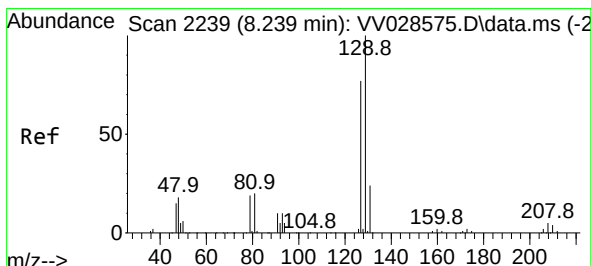
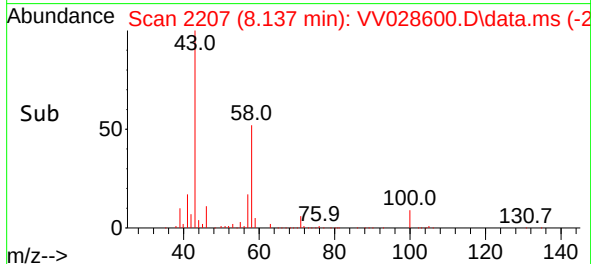
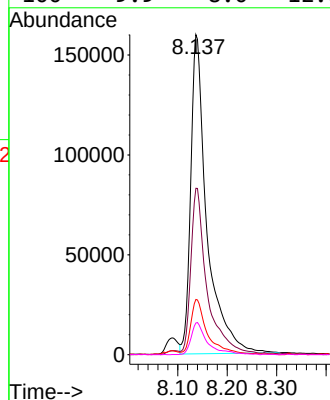
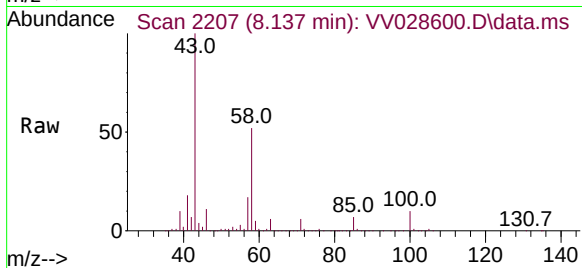
Ion Ratio Lower Upper

43 100

58 51.2 42.5 63.7

57 17.0 14.5 21.7

100 9.9 8.0 12.0



#49

Dibromochloromethane

Concen: 4.716 ug/L

RT: 8.243 min Scan# 2240

Delta R.T. 0.003 min

Lab File: VV028600.D

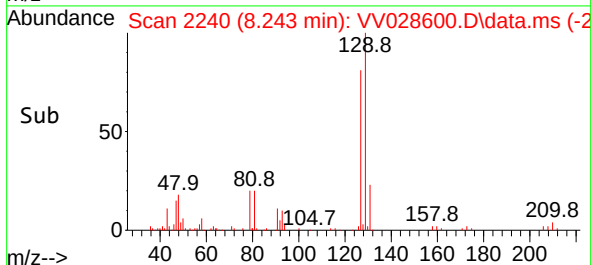
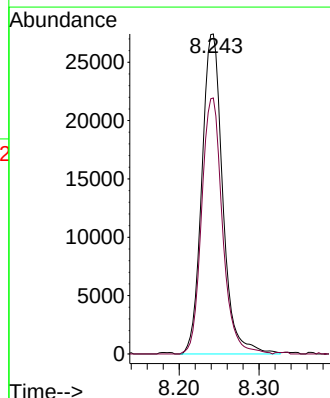
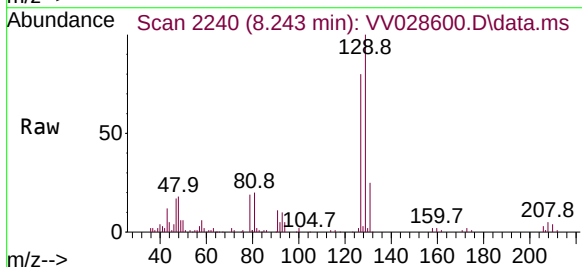
Acq: 17 Oct 2022 20:08

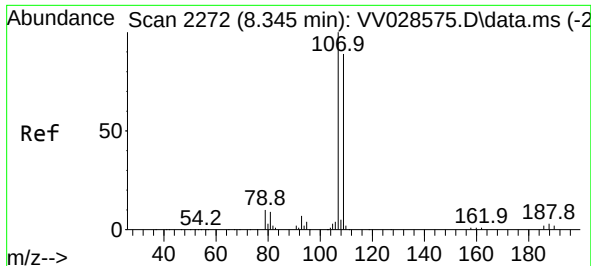
Tgt Ion: 129 Resp: 49951

Ion Ratio Lower Upper

129 100

127 80.0 53.8 100.0





#50

1,2-Dibromoethane

Concen: 5.160 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV028600.D

Acq: 17 Oct 2022 20:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD005326

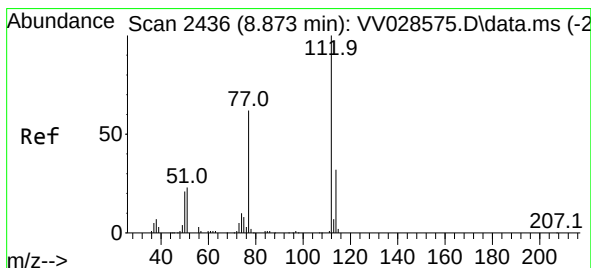
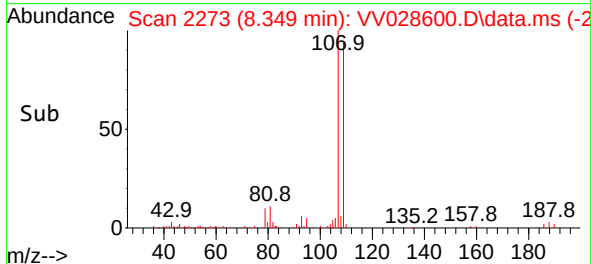
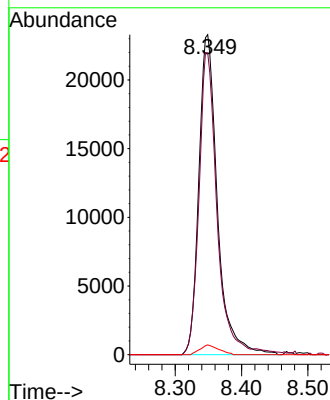
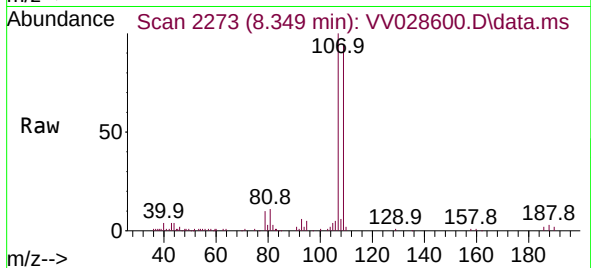
Tgt Ion:107 Resp: 45120

Ion Ratio Lower Upper

107 100

109 94.3 64.1 119.1

188 3.0 3.3 4.9#



#51

Chlorobenzene

Concen: 4.673 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. 0.003 min

Lab File: VV028600.D

Acq: 17 Oct 2022 20:08

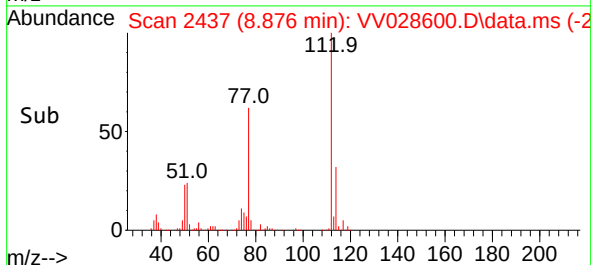
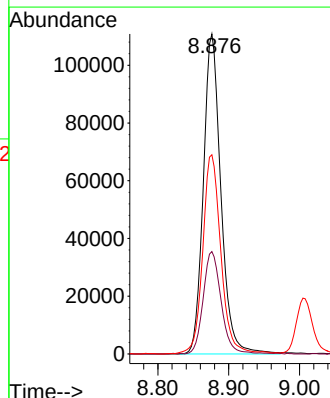
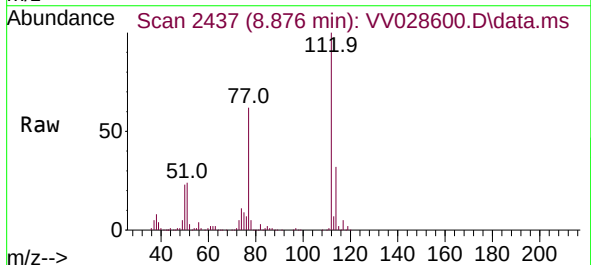
Tgt Ion:112 Resp: 190804

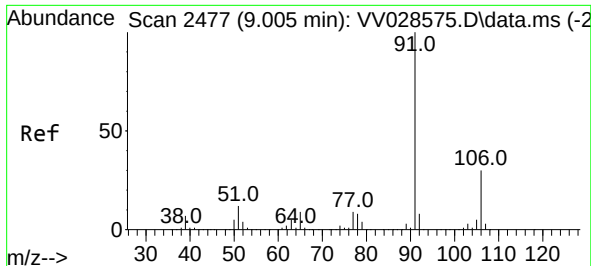
Ion Ratio Lower Upper

112 100

114 32.0 22.4 41.6

77 62.2 50.2 75.2

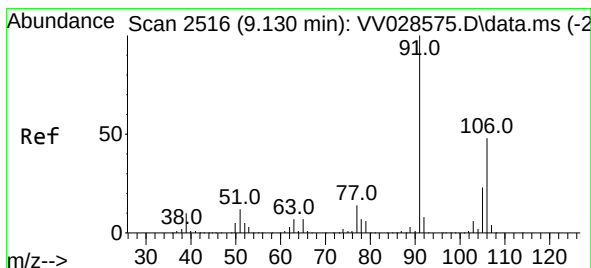
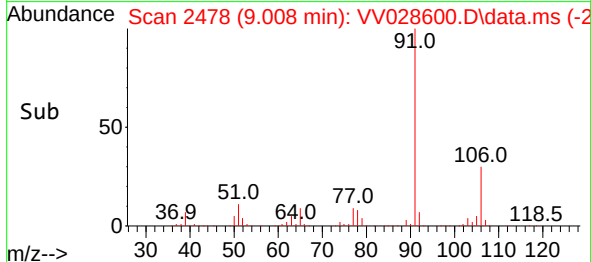
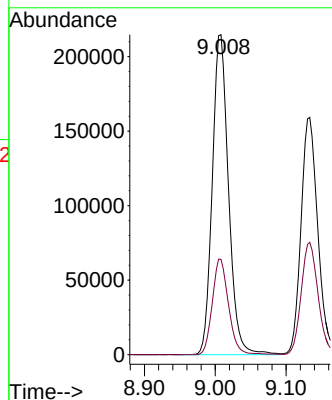
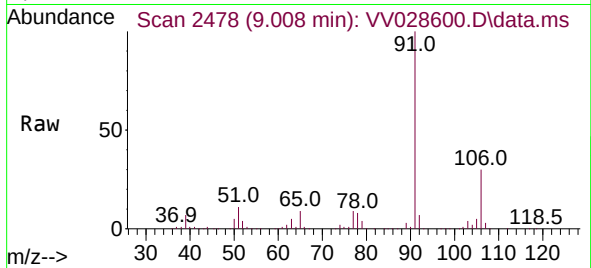




#52
Ethylbenzene
Concen: 4.671 ug/L
RT: 9.008 min Scan# 2477
Delta R.T. 0.003 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

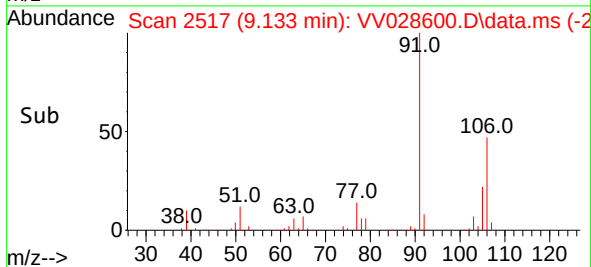
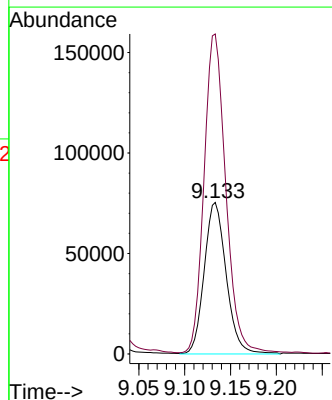
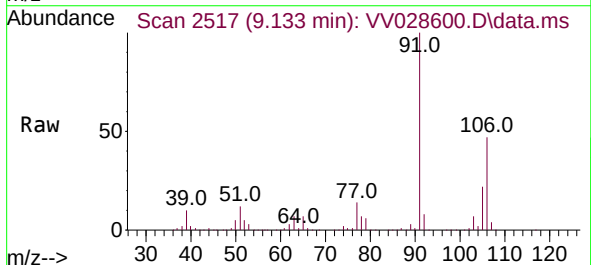
Instrument :
MSVOA_V
ClientSampleId :
VSTD005326

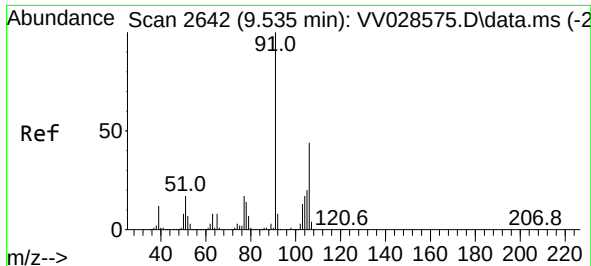
Tgt Ion: 91 Resp: 341738
Ion Ratio Lower Upper
91 100
106 29.8 20.3 37.7



#53
m,p-Xylene
Concen: 4.604 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

Tgt Ion: 106 Resp: 125997
Ion Ratio Lower Upper
106 100
91 211.2 146.9 272.9

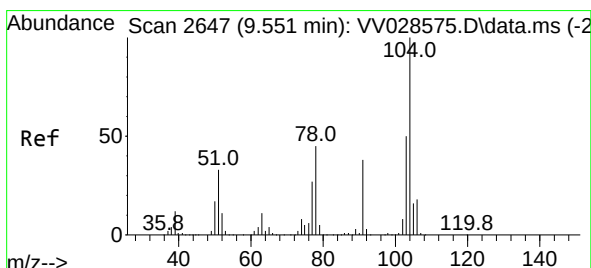
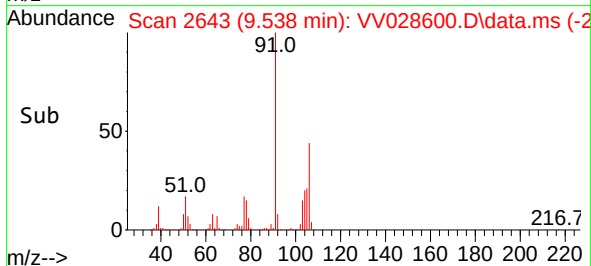
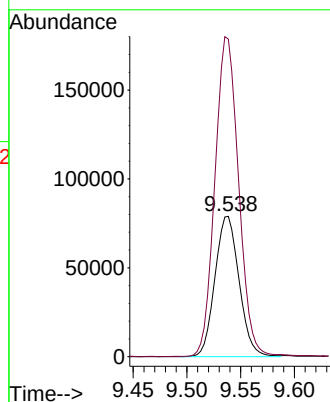
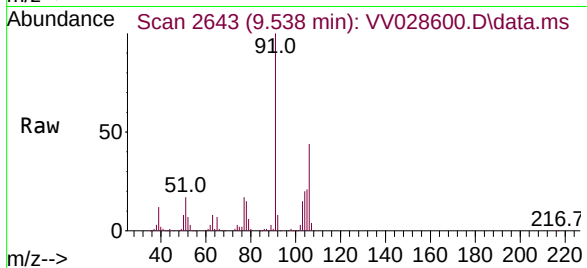




#54
o-Xylene
Concen: 4.658 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.003 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

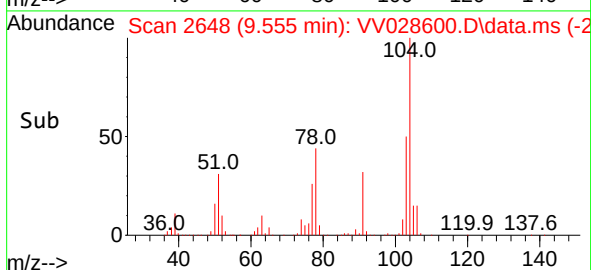
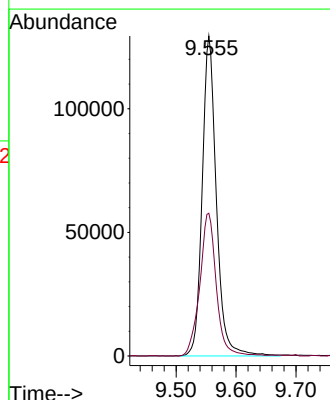
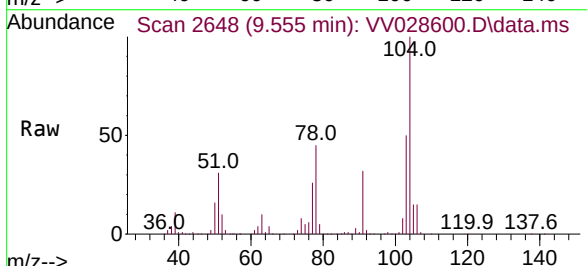
Instrument :
MSVOA_V
ClientSampleId :
VSTD005326

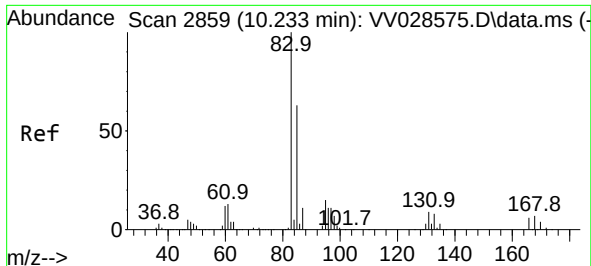
Tgt Ion:106 Resp: 123536
Ion Ratio Lower Upper
106 100
91 226.3 151.4 281.2



#55
Styrene
Concen: 4.755 ug/L
RT: 9.555 min Scan# 2648
Delta R.T. 0.003 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

Tgt Ion:104 Resp: 213348
Ion Ratio Lower Upper
104 100
78 44.6 32.3 60.1

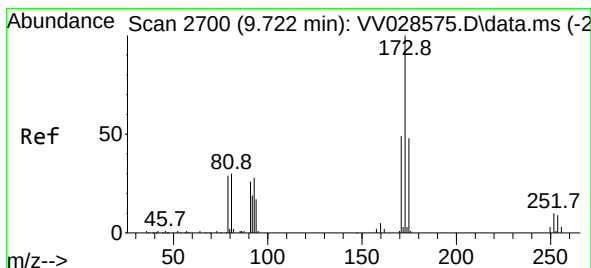
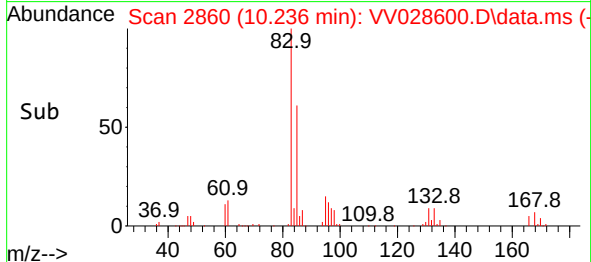
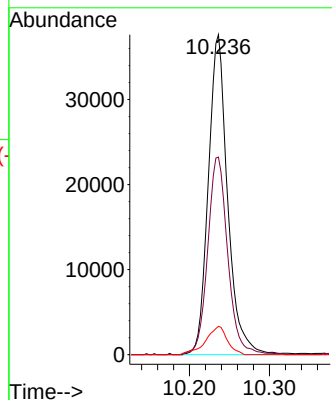
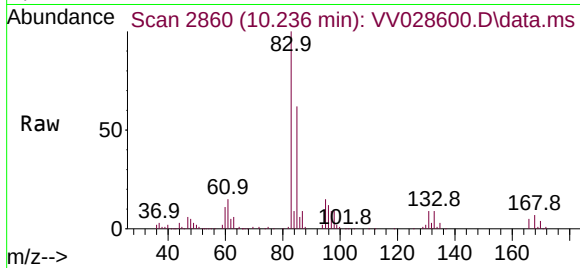




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.172 ug/L
 RT: 10.236 min Scan# 2859
 Delta R.T. 0.003 min
 Lab File: VV028600.D
 Acq: 17 Oct 2022 20:08

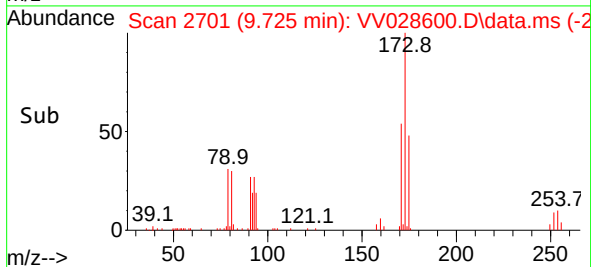
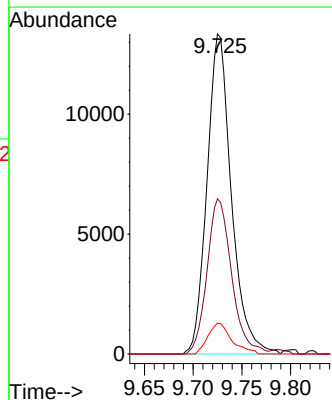
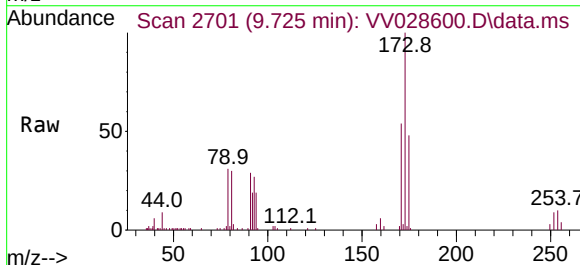
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005326

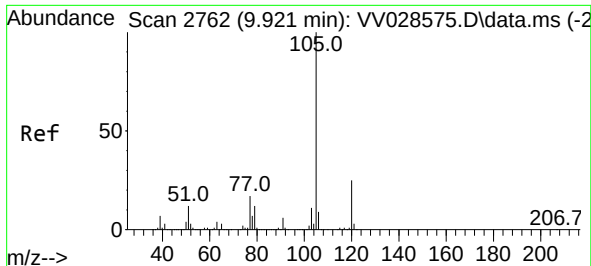
Tgt Ion: 83 Resp: 63110
 Ion Ratio Lower Upper
 83 100
 85 61.8 44.3 82.3
 131 8.8 6.4 9.6



#59
 Bromoform
 Concen: 4.637 ug/L
 RT: 9.725 min Scan# 2701
 Delta R.T. 0.003 min
 Lab File: VV028600.D
 Acq: 17 Oct 2022 20:08

Tgt Ion: 173 Resp: 23216
 Ion Ratio Lower Upper
 173 100
 175 48.8 39.4 59.0
 254 9.3 7.4 11.2

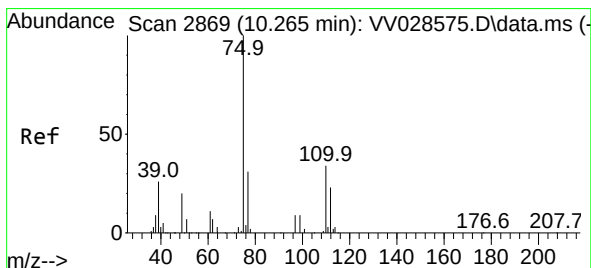
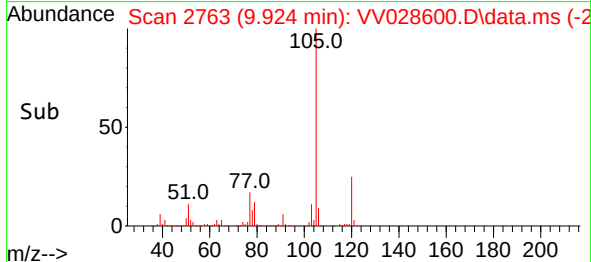
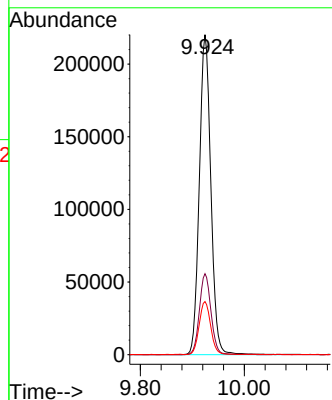
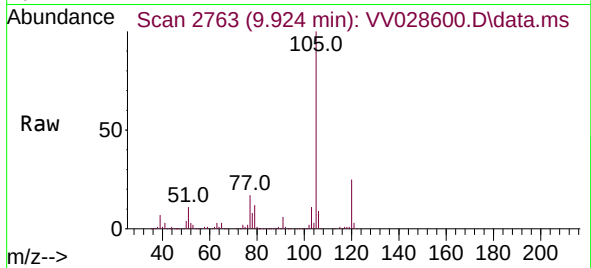




#60
Isopropylbenzene
Concen: 4.653 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

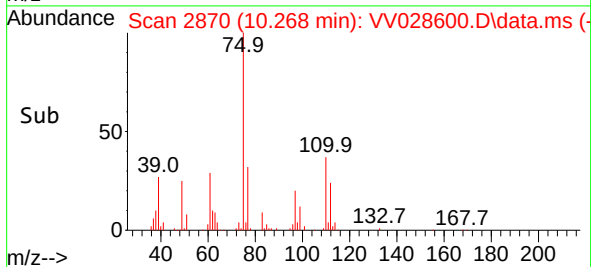
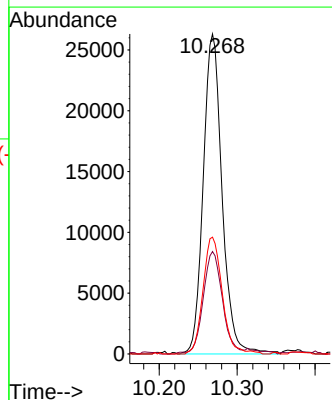
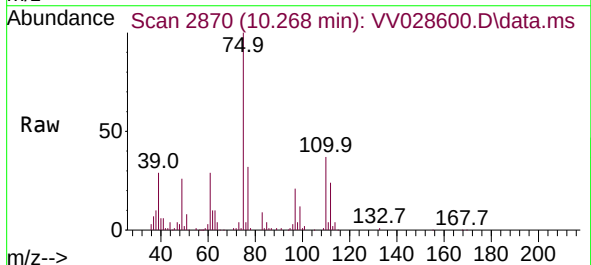
Instrument :
MSVOA_V
ClientSampleId :
VSTD005326

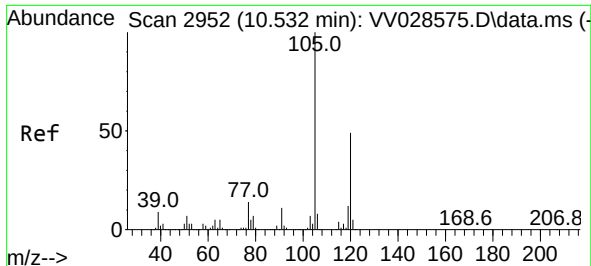
Tgt Ion:105 Resp: 337754
Ion Ratio Lower Upper
105 100
120 25.5 20.7 31.1
77 16.5 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 4.978 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.003 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

Tgt Ion: 75 Resp: 44233
Ion Ratio Lower Upper
75 100
77 32.7 24.6 37.0
110 37.3 28.3 42.5

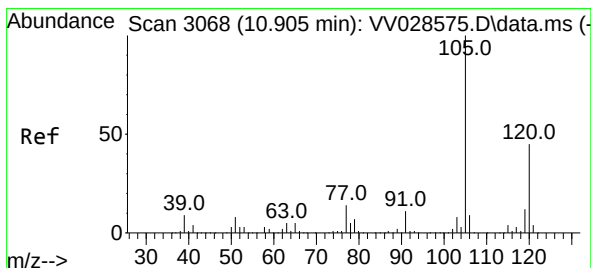
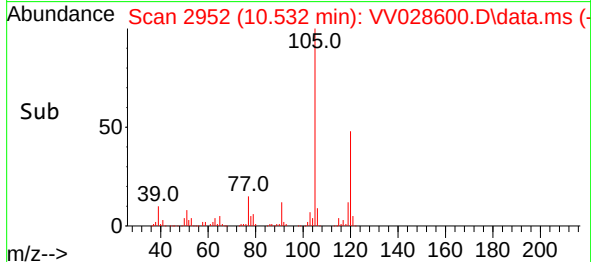
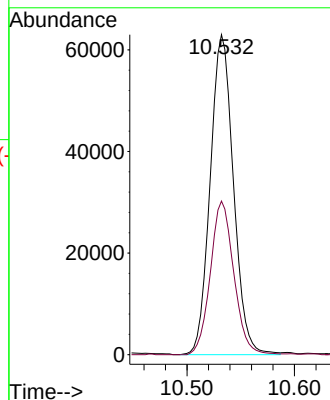
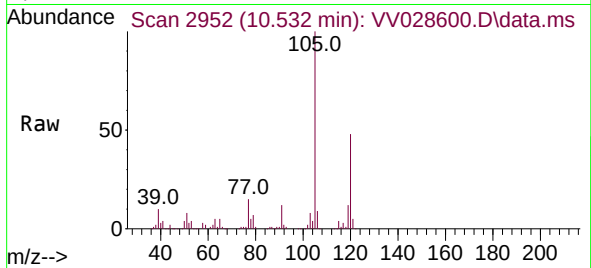




#62
 1,3,5-Trimethylbenzene
 Concen: 4.333 ug/L
 RT: 10.532 min Scan# 2952
 Delta R.T. 0.000 min
 Lab File: VV028600.D
 Acq: 17 Oct 2022 20:08

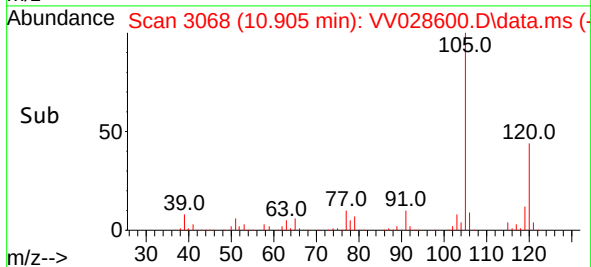
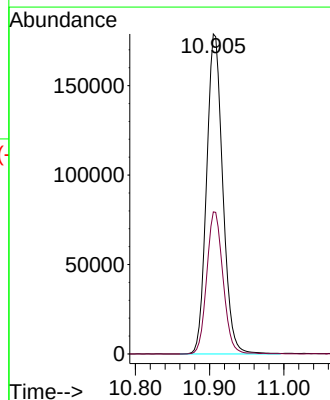
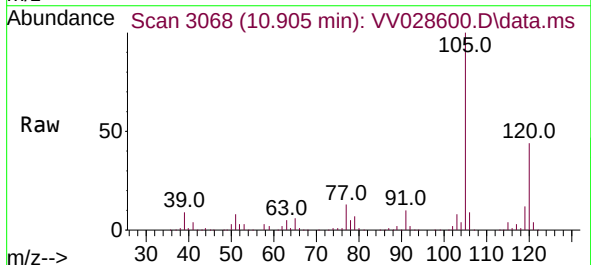
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005326

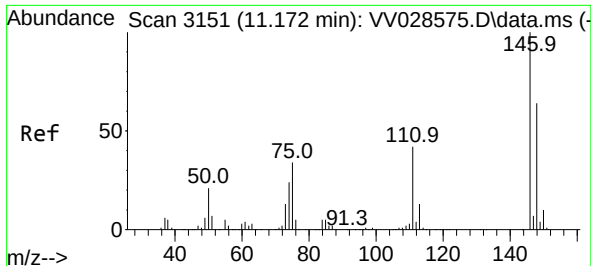
Tgt Ion:105 Resp: 94617
 Ion Ratio Lower Upper
 105 100
 120 48.4 38.0 57.0



#63
 1,2,4-Trimethylbenzene
 Concen: 4.530 ug/L
 RT: 10.905 min Scan# 3068
 Delta R.T. 0.000 min
 Lab File: VV028600.D
 Acq: 17 Oct 2022 20:08

Tgt Ion:105 Resp: 270483
 Ion Ratio Lower Upper
 105 100
 120 44.7 35.6 53.4

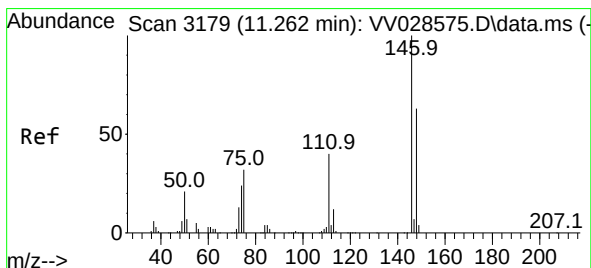
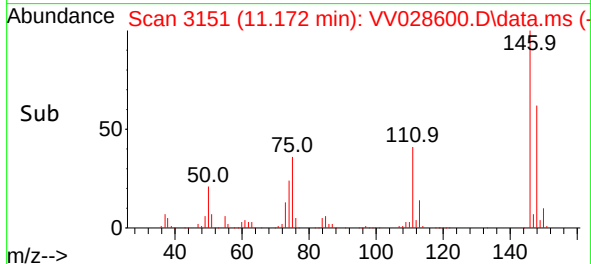
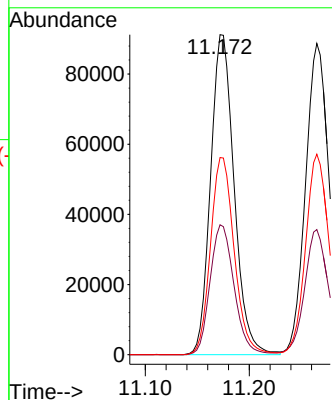
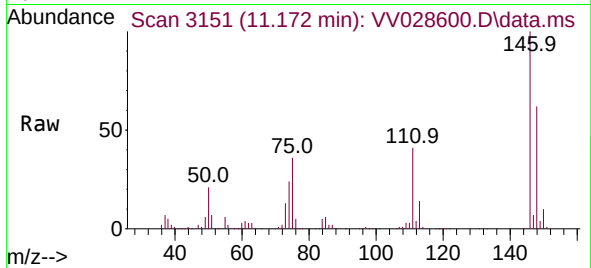




#64
1,3-Dichlorobenzene
Concen: 4.694 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

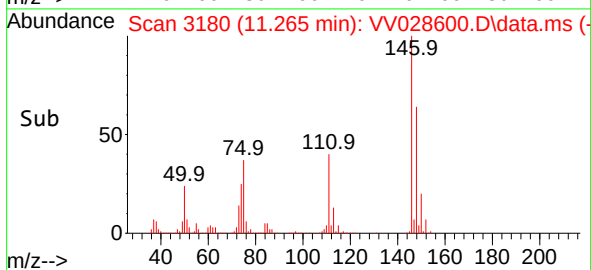
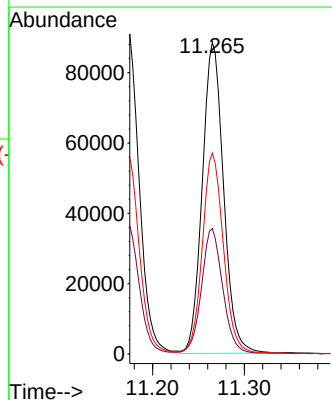
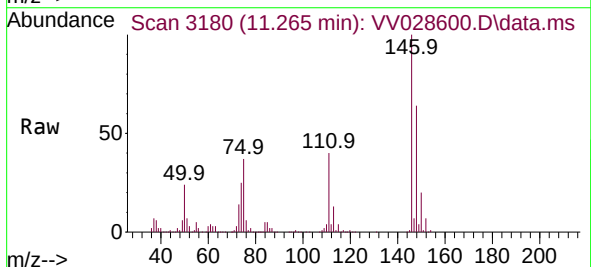
Instrument :
MSVOA_V
ClientSampleId :
VSTD005326

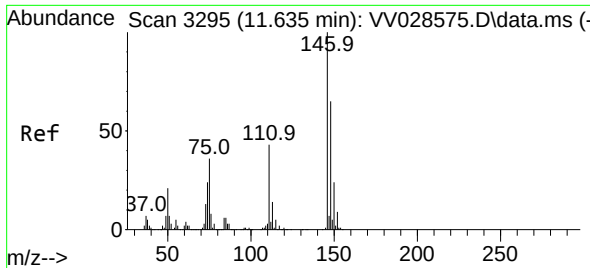
Tgt Ion:146 Resp: 143745
Ion Ratio Lower Upper
146 100
111 40.6 28.5 52.9
148 61.6 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 4.760 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.003 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

Tgt Ion:146 Resp: 142854
Ion Ratio Lower Upper
146 100
111 40.2 29.4 54.6
148 64.5 45.9 85.3

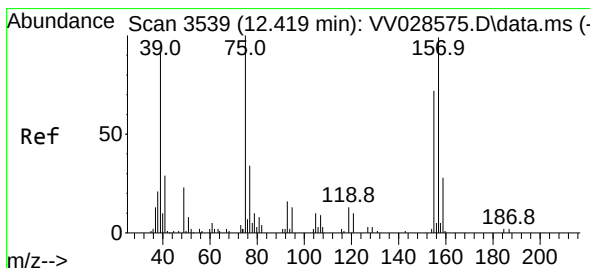
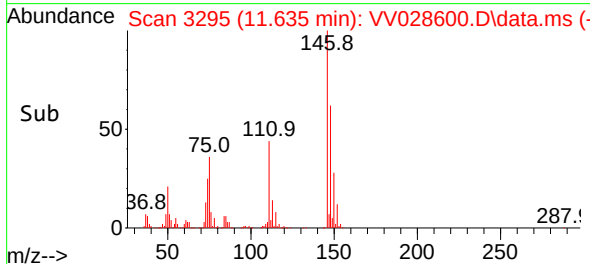
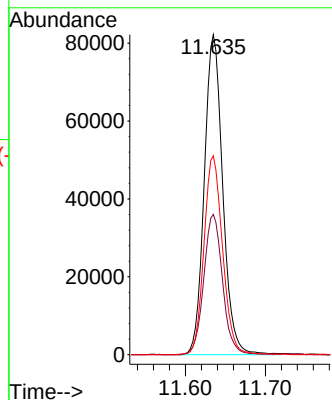
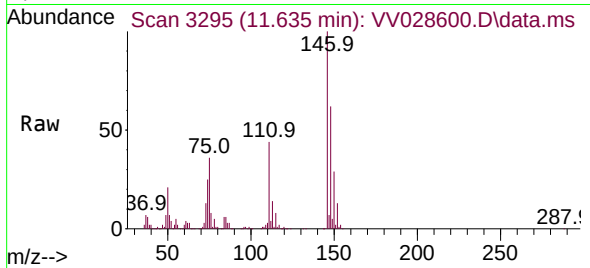




#67
1,2-Dichlorobenzene
Concen: 4.813 ug/L
RT: 11.635 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

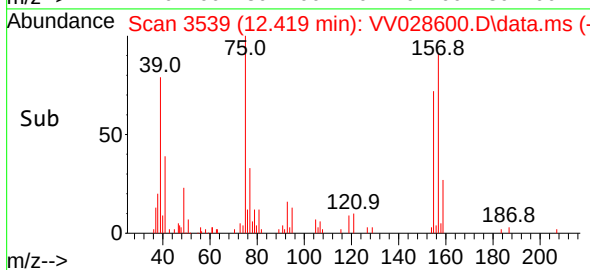
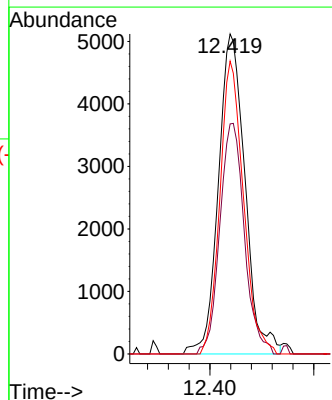
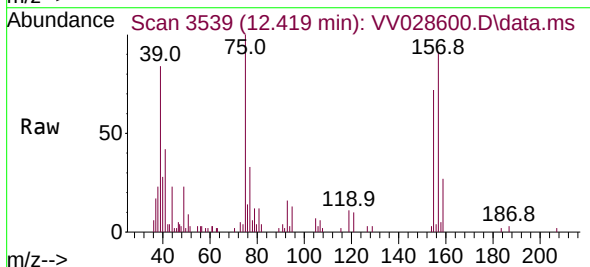
Instrument :
MSVOA_V
ClientSampleId :
VSTD005326

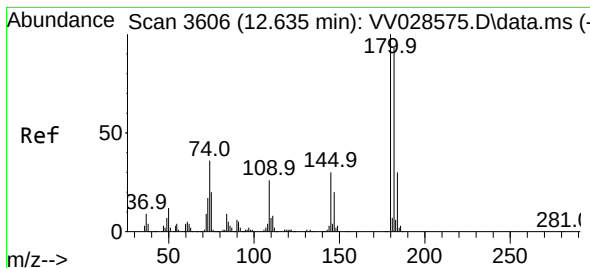
Tgt Ion:146 Resp: 132221
Ion Ratio Lower Upper
146 100
111 43.9 35.7 53.5
148 62.1 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 4.927 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. 0.000 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

Tgt Ion: 75 Resp: 9089
Ion Ratio Lower Upper
75 100
155 71.9 55.2 82.8
157 91.5 68.6 103.0





#69

1,3,5-Trichlorobenzene

Concen: 4.668 ug/L

RT: 12.638 min Scan# 3606

Delta R.T. 0.003 min

Lab File: VV028600.D

Acq: 17 Oct 2022 20:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD005326

Tgt Ion:180 Resp: 104548

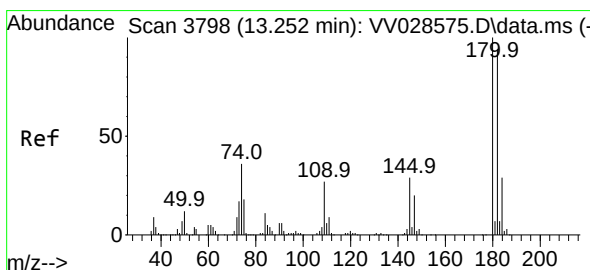
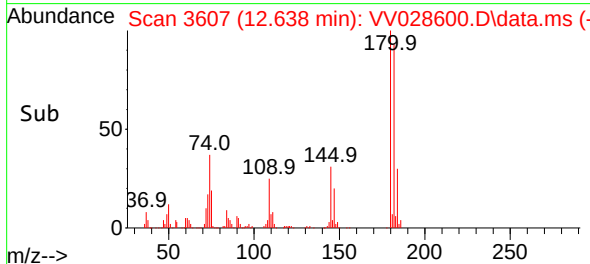
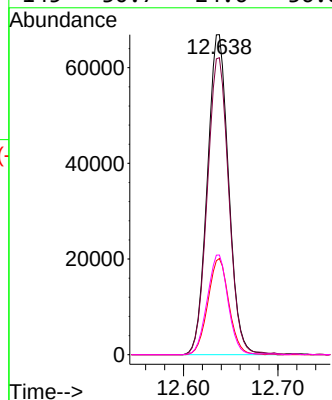
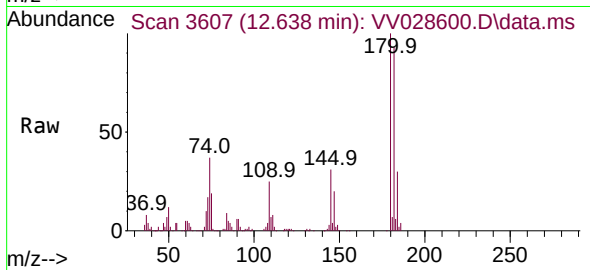
Ion Ratio Lower Upper

180 100

182 94.0 75.6 113.4

184 29.7 23.8 35.8

145 30.7 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 4.754 ug/L

RT: 13.252 min Scan# 3798

Delta R.T. 0.000 min

Lab File: VV028600.D

Acq: 17 Oct 2022 20:08

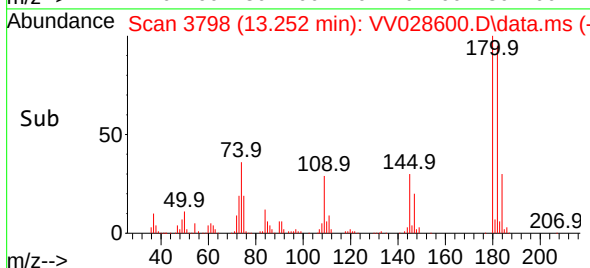
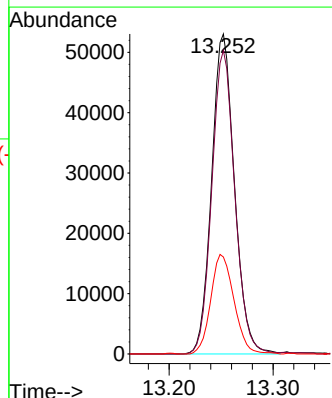
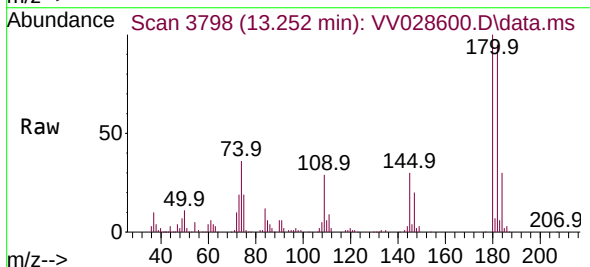
Tgt Ion:180 Resp: 81107

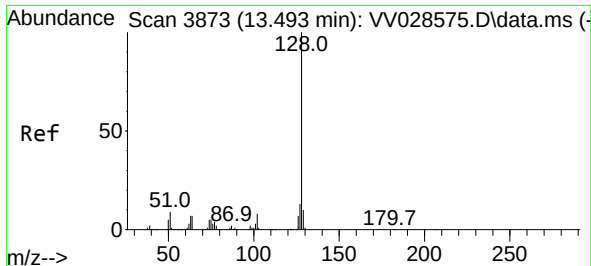
Ion Ratio Lower Upper

180 100

182 95.6 74.2 111.2

145 31.6 25.3 37.9

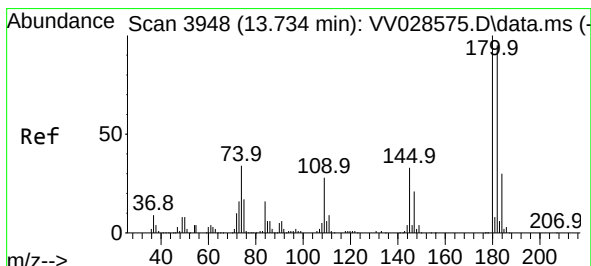
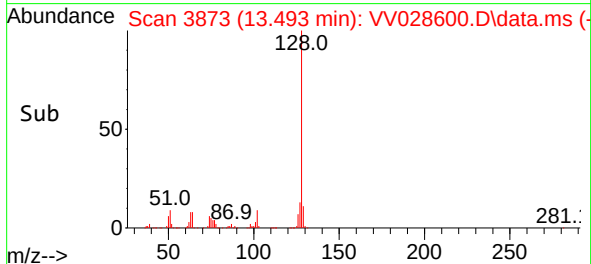
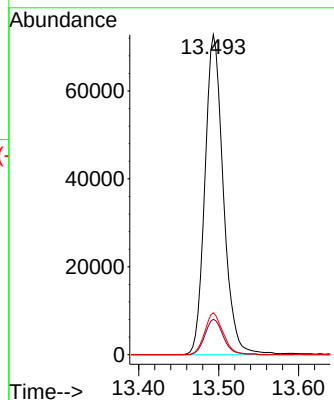
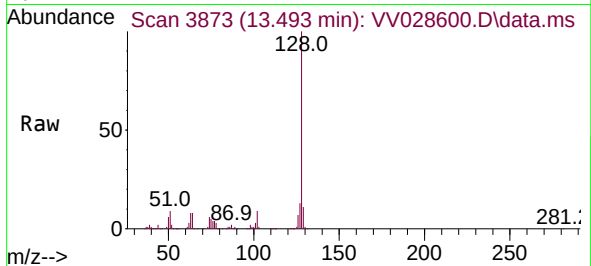




#71
Naphthalene
Concen: 4.576 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.000 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD005326

Tgt Ion:128 Resp: 116978
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 12.9 10.1 15.1



#72
1,2,3-Trichlorobenzene
Concen: 5.001 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. -0.003 min
Lab File: VV028600.D
Acq: 17 Oct 2022 20:08

Tgt Ion:180 Resp: 70318
Ion Ratio Lower Upper
180 100
182 94.6 76.3 114.5
145 33.2 25.8 38.8

