

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081122\
 Data File : VW027275.D
 Acq On : 11 Aug 2022 09:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050336

Quant Time: Aug 12 03:38:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 09 02:29:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	326886	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	345981	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	193913	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	111269	49.927	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.860%
7) Chloroethane-d5	1.555	69	87505	53.708	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.420%
11) 1,1-Dichloroethene-d2	2.101	63	210283	51.584	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.160%
21) 2-Butanone-d5	3.867	46	171543	86.474	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.470%
24) Chloroform-d	4.339	84	228048	49.954	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.900%
26) 1,2-Dichloroethane-d4	5.024	65	141252	49.836	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.680%
32) Benzene-d6	5.043	84	423680	51.065	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.140%
36) 1,2-Dichloropropane-d6	6.063	67	139921	47.409	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.820%
41) Toluene-d8	7.310	98	400226	56.593	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.180%
43) trans-1,3-Dichloroprop...	7.616	79	65826	51.170	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.340%
47) 2-Hexanone-d5	8.085	63	120032	84.442	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.440%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	209504	43.559	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.120%
66) 1,2-Dichlorobenzene-d4	11.622	152	153162	45.738	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	140783	48.413	ug/L	100
3) Chloromethane	1.237	50	154234	46.427	ug/L	98
5) Vinyl chloride	1.307	62	148452	44.858	ug/L	99
6) Bromomethane	1.507	94	69100	44.292	ug/L	98
8) Chloroethane	1.574	64	93286	50.598	ug/L	99
9) Trichlorofluoromethane	1.745	101	209397	49.313	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	120718	51.269	ug/L	99
12) 1,1-Dichloroethene	2.111	96	108152	47.749	ug/L	90
13) Acetone	2.156	43	191456	125.163	ug/L	89
14) Carbon disulfide	2.285	76	350763	45.502	ug/L	100
15) Methyl Acetate	2.420	43	171549	49.308	ug/L	# 83
16) Methylene chloride	2.500	84	152465	50.393	ug/L	86
17) trans-1,2-Dichloroethene	2.751	96	124273	49.581	ug/L	90
18) Methyl tert-butyl Ether	2.764	73	400742	53.758	ug/L	# 93
19) 1,1-Dichloroethane	3.182	63	259142	51.502	ug/L	97
20) cis-1,2-Dichloroethene	3.902	96	137422	52.778	ug/L	88
22) 2-Butanone	3.950	43	248944	118.709	ug/L	97
23) Bromochloromethane	4.240	128	74345	51.131	ug/L	88
25) Chloroform	4.365	83	262458	51.614	ug/L	99

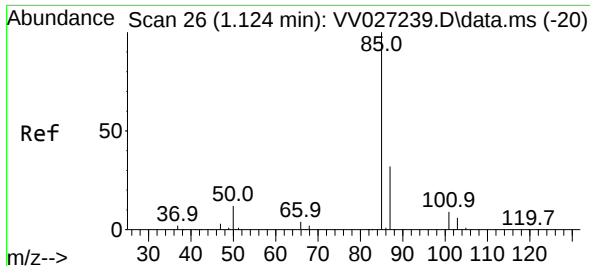
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081122\
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 Quant Title : VOC Analysis
 QLast Update : Tue Aug 09 02:29:12 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	204504	51.638	ug/L	95
29) Cyclohexane	4.670	56	194708	48.865	ug/L	89
30) 1,1,1-Trichloroethane	4.600	97	223302	48.694	ug/L	96
31) Carbon tetrachloride	4.818	117	196207	49.281	ug/L	99
33) Benzene	5.092	78	552082	49.656	ug/L	100
34) Trichloroethene	5.908	95	139044	48.842	ug/L	96
35) Methylcyclohexane	6.124	83	217556	51.971	ug/L	92
37) 1,2-Dichloropropane	6.166	63	159813	51.308	ug/L	99
38) Bromodichloromethane	6.503	83	205019	50.235	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	215427	52.214	ug/L	97
40) 4-Methyl-2-pentanone	7.220	43	455555	102.521	ug/L #	91
42) Toluene	7.384	91	599230	53.009	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	216217	53.327	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	152202	50.699	ug/L	98
46) Tetrachloroethene	7.973	164	105463	50.615	ug/L	98
48) 2-Hexanone	8.133	43	373718	105.600	ug/L #	90
49) Dibromochloromethane	8.243	129	161940	51.030	ug/L	99
50) 1,2-Dibromoethane	8.349	107	157065	50.846	ug/L	98
51) Chlorobenzene	8.879	112	379315	50.026	ug/L	96
52) Ethylbenzene	9.008	91	621641	53.293	ug/L	98
53) m,p-Xylene	9.137	106	244738	55.517	ug/L	98
54) o-Xylene	9.542	106	233949	54.473	ug/L	97
55) Styrene	9.558	104	434571	57.439	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	253844	50.473	ug/L	99
59) Bromoform	9.728	173	107935	46.849	ug/L	100
60) Isopropylbenzene	9.931	105	619736	50.714	ug/L	98
61) 1,2,3-Trichloropropane	10.268	75	203331	45.674	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	523578	51.881	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	529158	53.524	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	301248	50.863	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	313530	50.300	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	310714	50.069	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	55089	44.108	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	211454	53.155	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	172100	52.089	ug/L	99
71) Naphthalene	13.500	128	558484	49.365	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	196169	53.567	ug/L	99

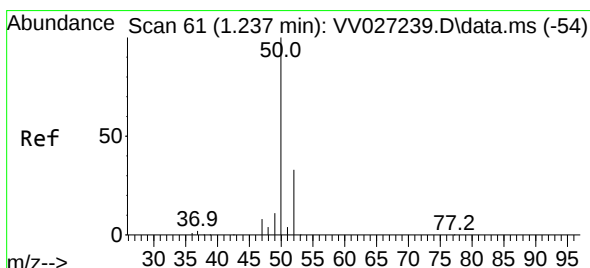
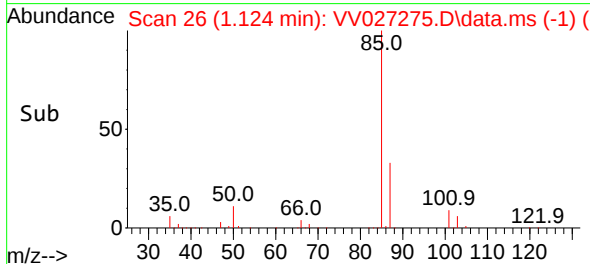
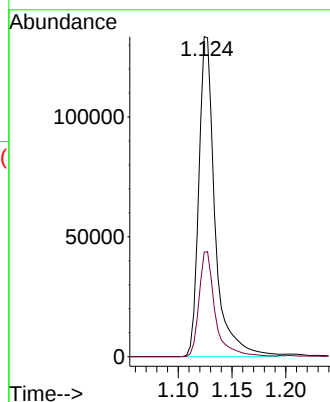
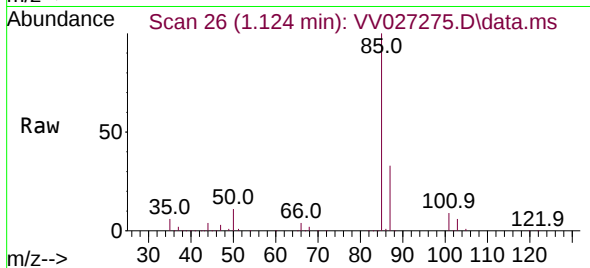
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#2
 Dichlorodifluoromethane
 Concen: 48.413 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. -0.000 min
 Lab File: VV027275.D
 Acq: 11 Aug 2022 09:45

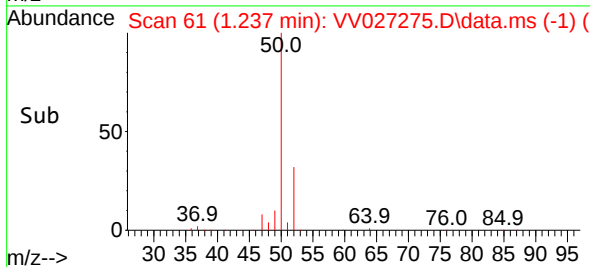
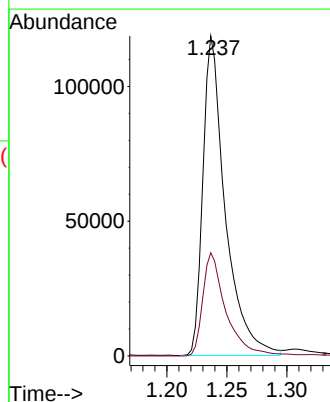
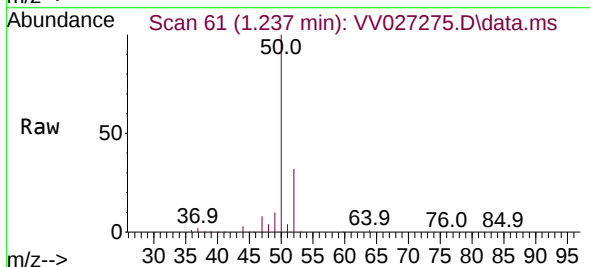
Instrument :
 MSVOA_V
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 VSTD050336

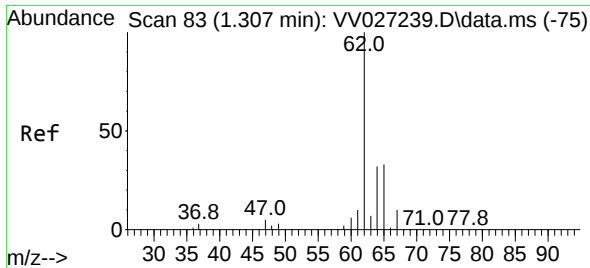
Tgt Ion: 85 Resp: 140783
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.1 39.1



#3
 Chloromethane
 Concen: 46.427 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV027275.D
 Acq: 11 Aug 2022 09:45

Tgt Ion: 50 Resp: 154234
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.5 43.7

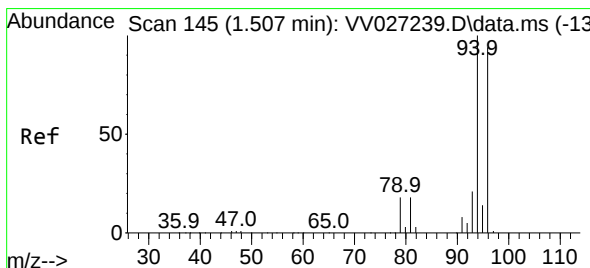
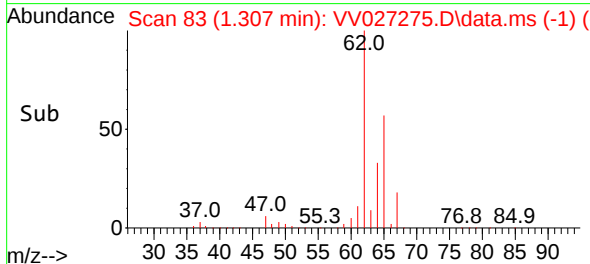
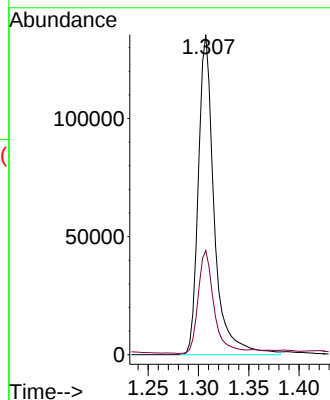
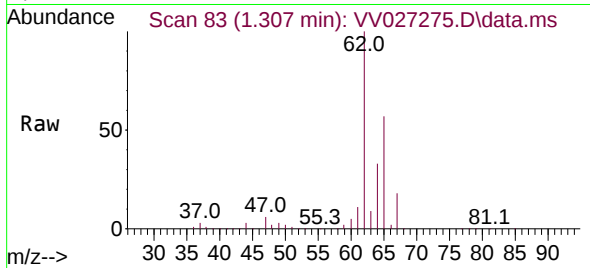




#5
 Vinyl chloride
 Concen: 44.858 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV027275.D
 Acq: 11 Aug 2022 09:45

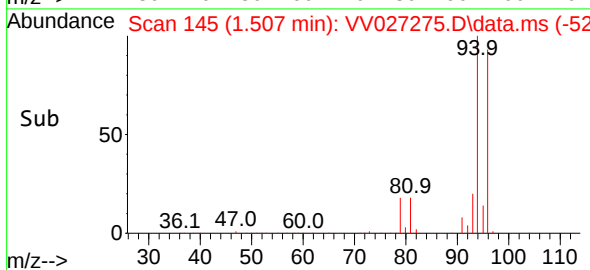
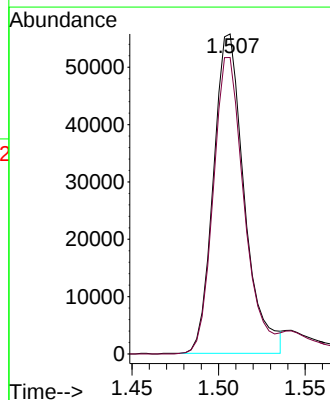
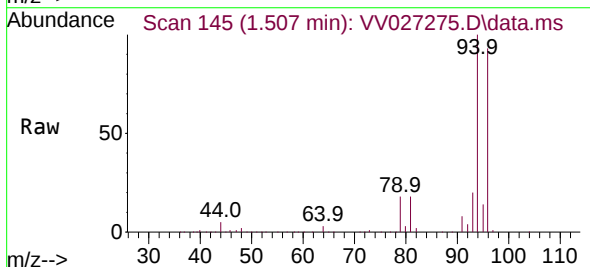
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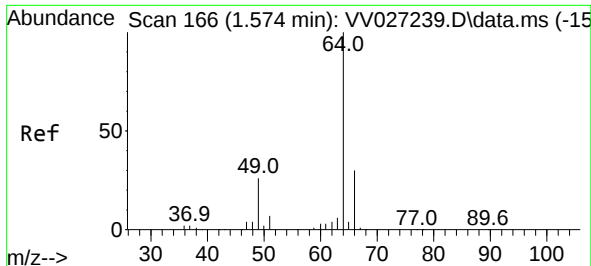
Tgt Ion: 62 Resp: 148452
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.2 43.2



#6
 Bromomethane
 Concen: 44.292 ug/L
 RT: 1.507 min Scan# 145
 Delta R.T. -0.000 min
 Lab File: VV027275.D
 Acq: 11 Aug 2022 09:45

Tgt Ion: 94 Resp: 69100
 Ion Ratio Lower Upper
 94 100
 96 92.7 66.1 122.8

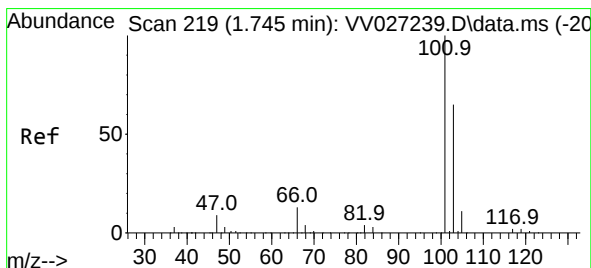
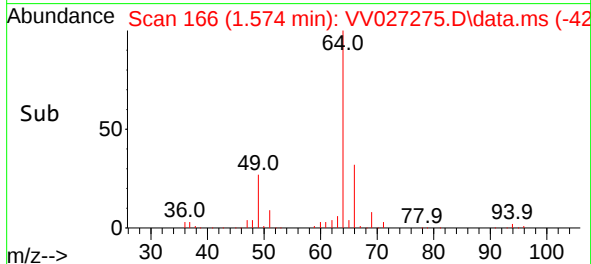
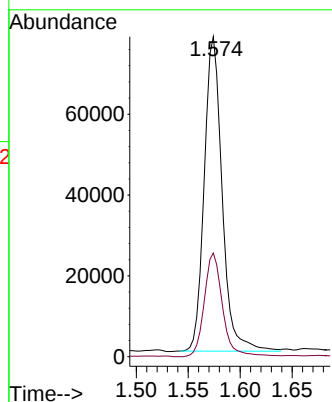
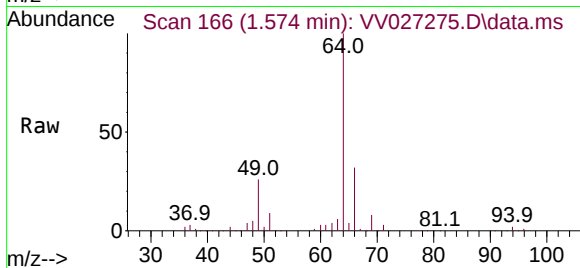




#8
Chloroethane
Concen: 50.598 ug/L
RT: 1.574 min Scan# 166
Delta R.T. -0.000 min
Lab File: VV027275.D
Acq: 11 Aug 2022 09:45

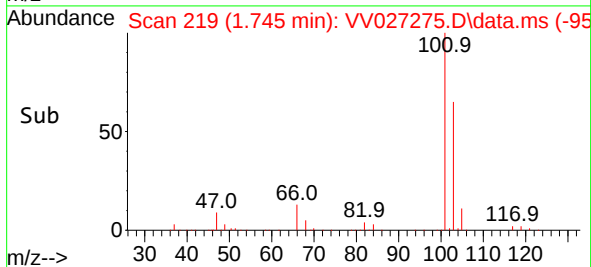
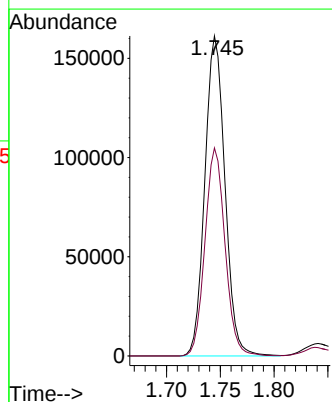
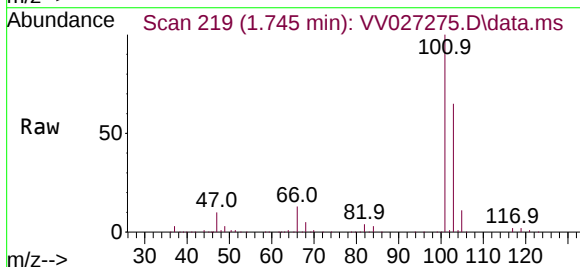
Instrument :
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ClientSampleId :
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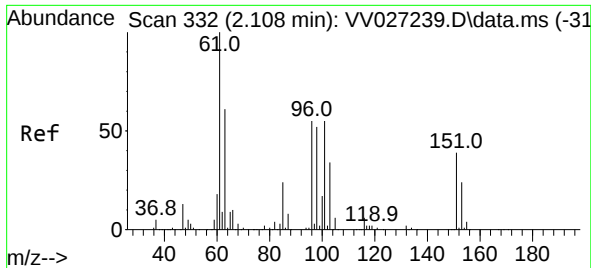
Tgt Ion: 64 Resp: 93286
Ion Ratio Lower Upper
64 100
66 32.4 22.4 41.6



#9
Trichlorofluoromethane
Concen: 49.313 ug/L
RT: 1.745 min Scan# 219
Delta R.T. -0.000 min
Lab File: VV027275.D
Acq: 11 Aug 2022 09:45

Tgt Ion:101 Resp: 209397
Ion Ratio Lower Upper
101 100
103 65.0 52.4 78.6

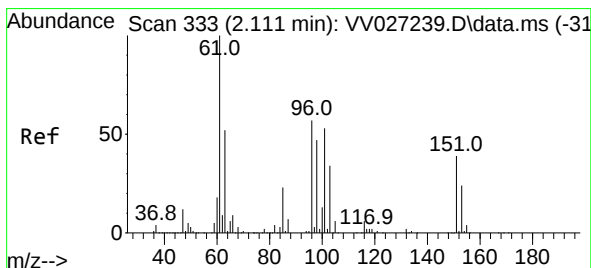
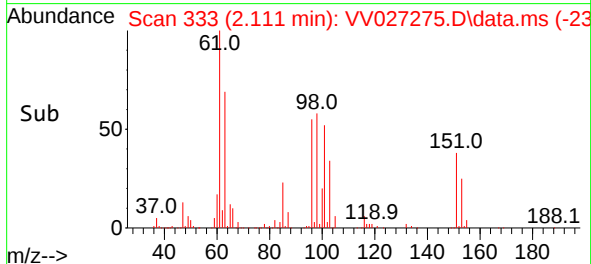
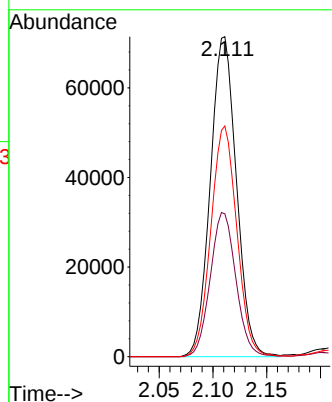
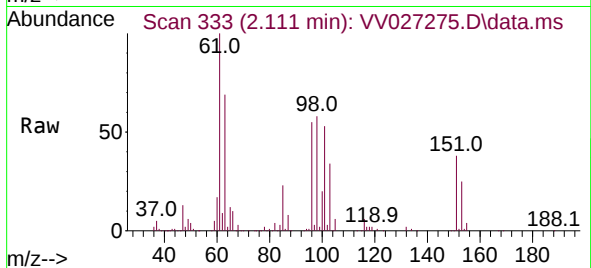




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.269 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.003 min
 Lab File: VV027275.D
 Acq: 11 Aug 2022 09:45

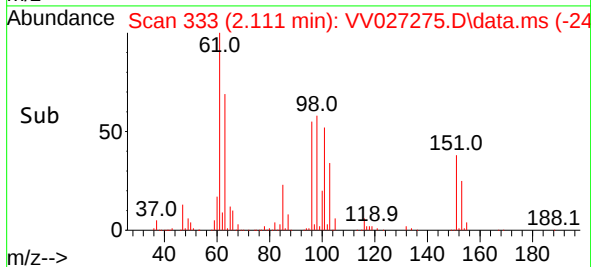
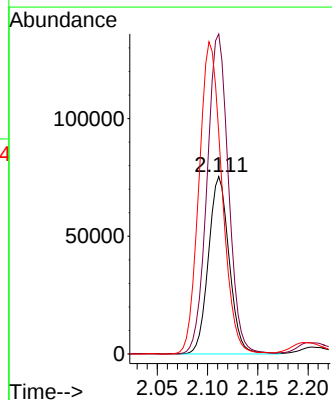
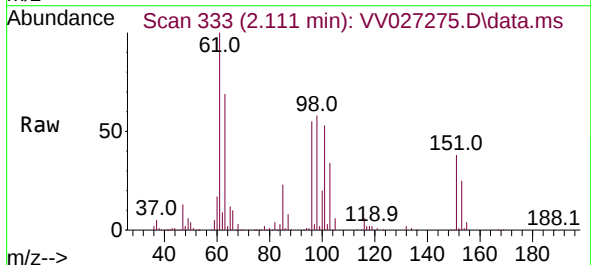
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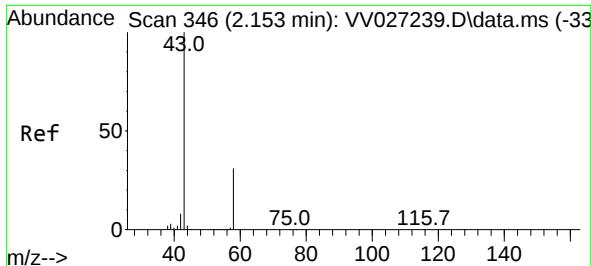
Tgt Ion:101 Resp: 120718
 Ion Ratio Lower Upper
 101 100
 85 44.3 34.1 51.1
 151 71.7 57.8 86.8



#12
 1,1-Dichloroethene
 Concen: 47.749 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV027275.D
 Acq: 11 Aug 2022 09:45

Tgt Ion: 96 Resp: 108152
 Ion Ratio Lower Upper
 96 100
 61 180.3 114.3 212.3
 63 124.4 93.4 173.4





#13

Acetone

Concen: 125.163 ug/L

RT: 2.156 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV027275.D

Acq: 11 Aug 2022 09:45

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MSVOA_V

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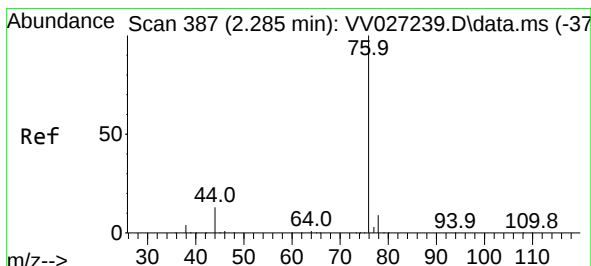
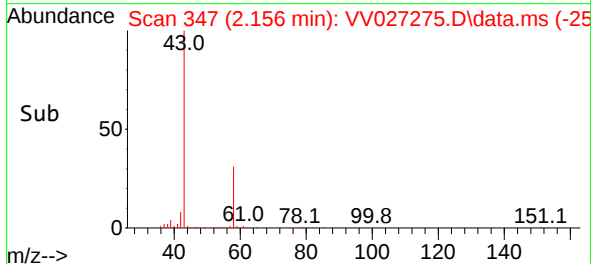
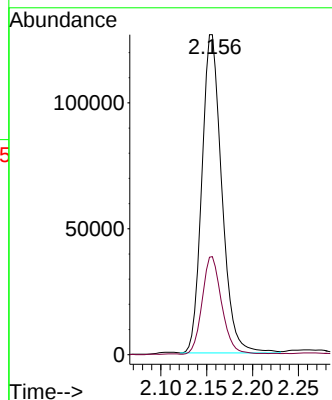
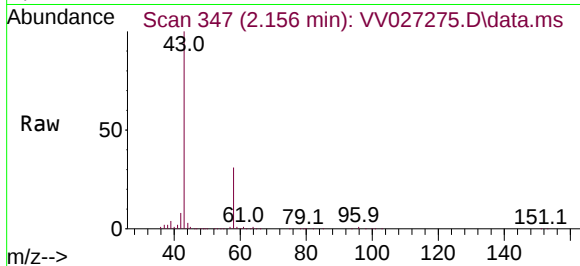
VSTD050336

Tgt Ion: 43 Resp: 191456

Ion Ratio Lower Upper

43 100

58 30.1 0.0 49.6



#14

Carbon disulfide

Concen: 45.502 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.000 min

Lab File: VV027275.D

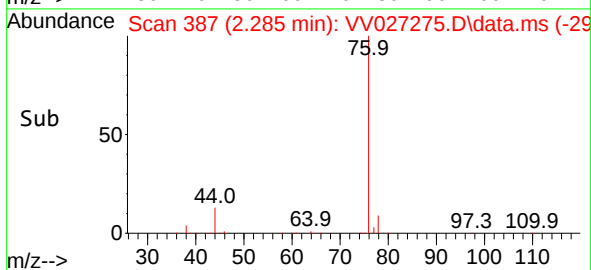
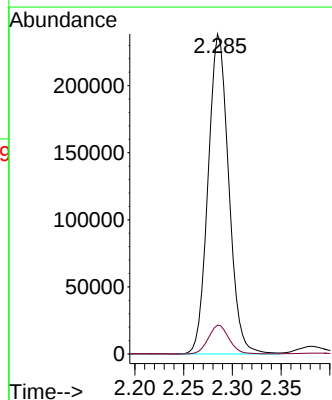
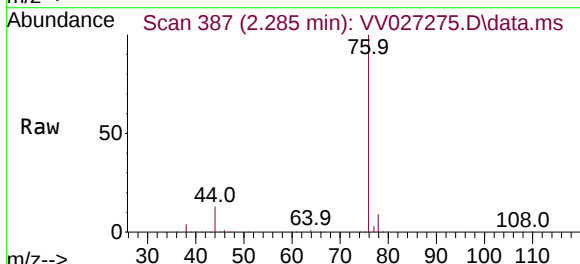
Acq: 11 Aug 2022 09:45

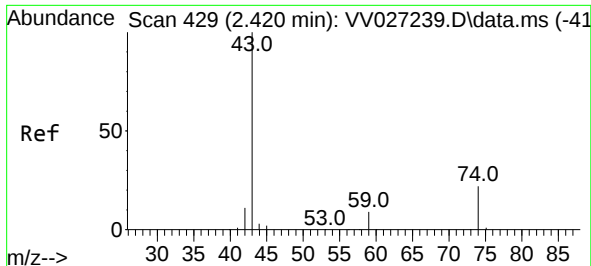
Tgt Ion: 76 Resp: 350763

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

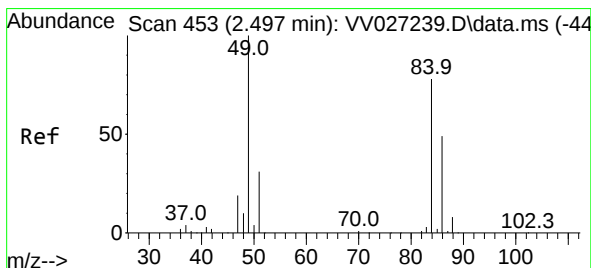
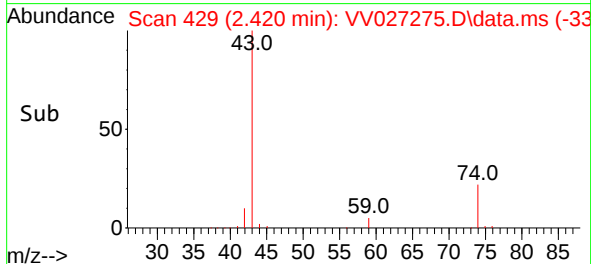
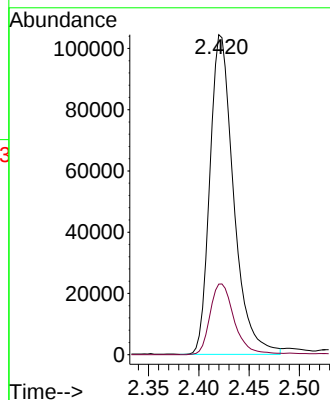
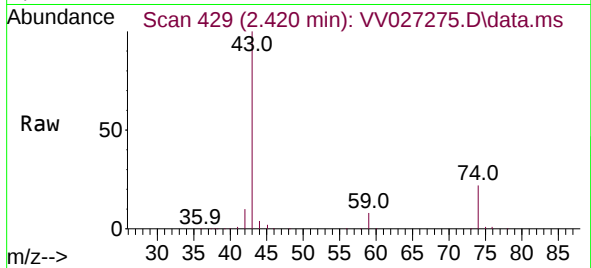




#15
Methyl Acetate
Concen: 49.308 ug/L
RT: 2.420 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV027275.D
Acq: 11 Aug 2022 09:45

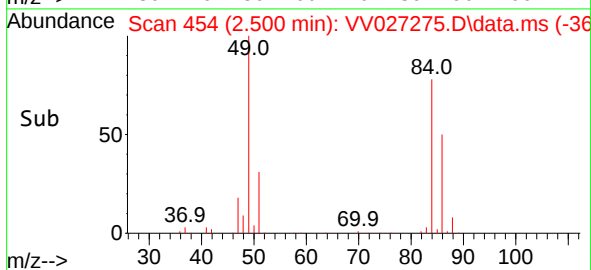
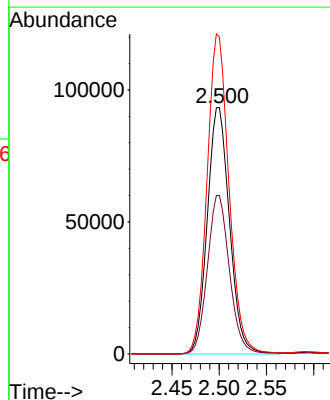
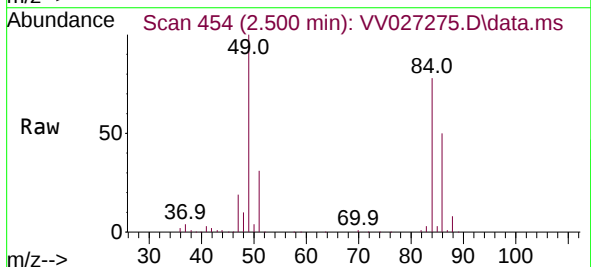
Instrument :
MSVOA_V
ClientSampleId :
VSTD050336

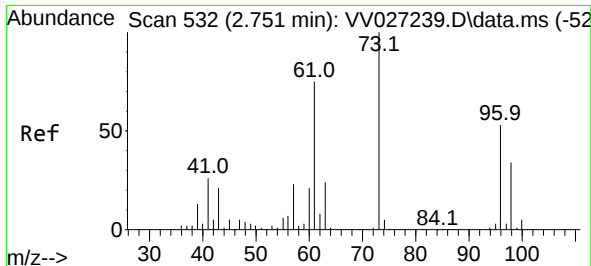
Tgt Ion: 43 Resp: 171549
Ion Ratio Lower Upper
43 100
74 22.6 25.5 38.3#



#16
Methylene chloride
Concen: 50.393 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV027275.D
Acq: 11 Aug 2022 09:45

Tgt Ion: 84 Resp: 152465
Ion Ratio Lower Upper
84 100
86 64.3 45.0 83.6
49 128.6 74.1 137.7

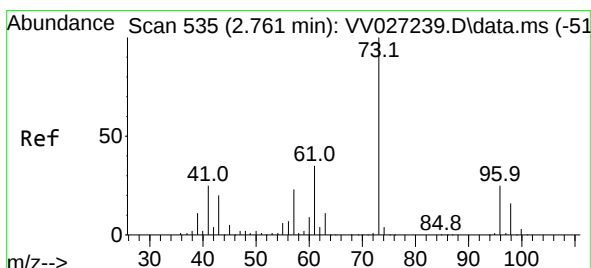
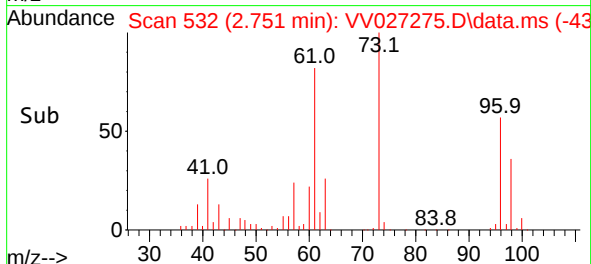
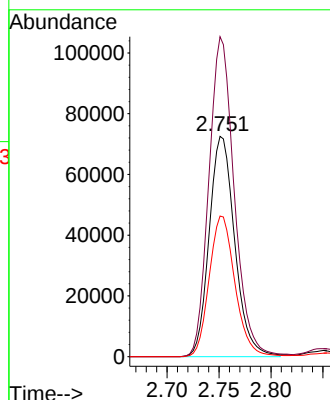
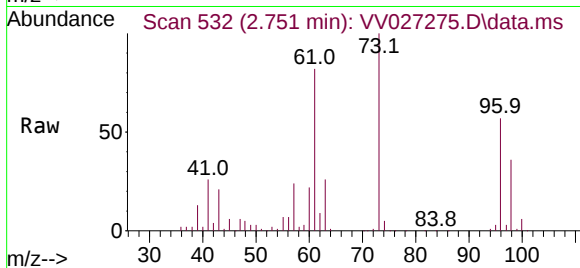




#17
trans-1,2-Dichloroethene
Concen: 49.581 ug/L
RT: 2.751 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV027275.D
Acq: 11 Aug 2022 09:45

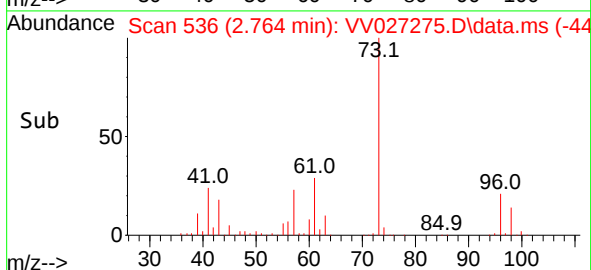
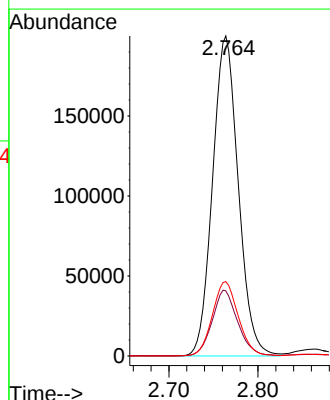
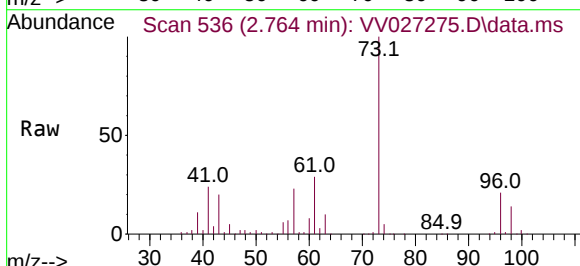
Instrument :
MSVOA_V
ClientSampleId :
VSTD050336

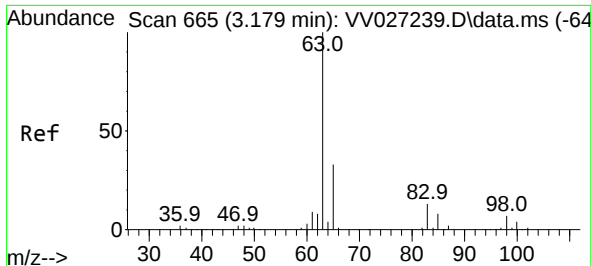
Tgt Ion: 96 Resp: 124273
Ion Ratio Lower Upper
96 100
61 145.2 89.2 165.6
98 63.8 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 53.758 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV027275.D
Acq: 11 Aug 2022 09:45

Tgt Ion: 73 Resp: 400742
Ion Ratio Lower Upper
73 100
43 20.2 12.6 18.8#
57 23.5 17.3 25.9





#19

1,1-Dichloroethane

Concen: 51.502 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027275.D

Acq: 11 Aug 2022 09:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD050336

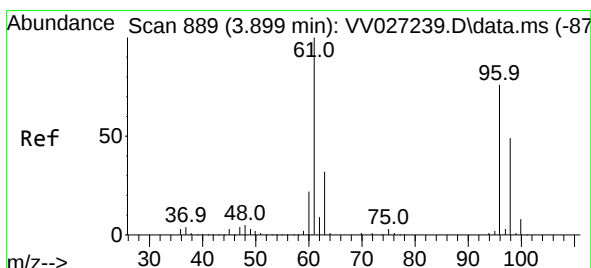
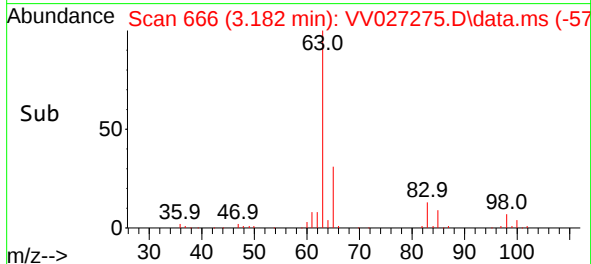
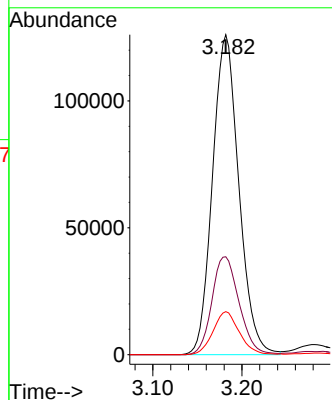
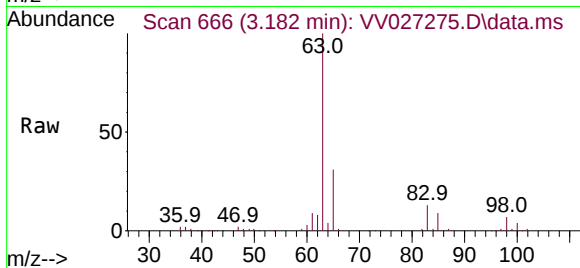
Tgt Ion: 63 Resp: 259142

Ion Ratio Lower Upper

63 100

65 30.6 22.7 42.3

83 13.4 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 52.778 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.003 min

Lab File: VV027275.D

Acq: 11 Aug 2022 09:45

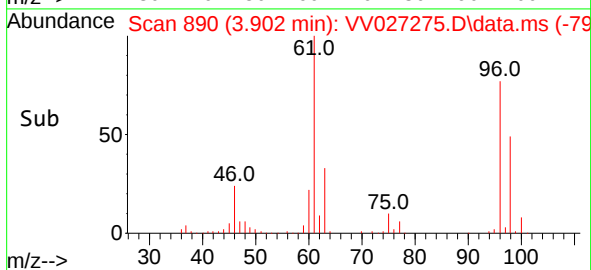
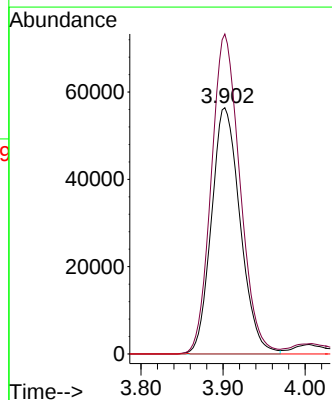
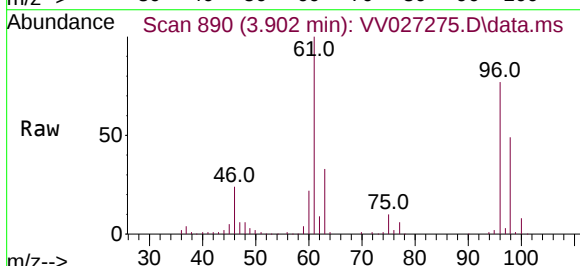
Tgt Ion: 96 Resp: 137422

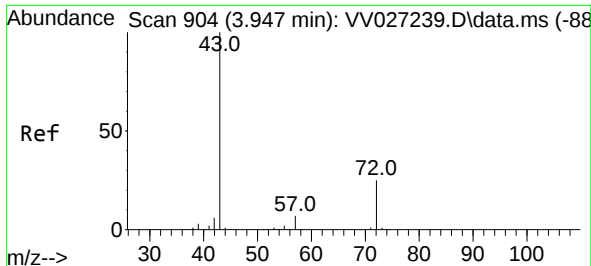
Ion Ratio Lower Upper

96 100

61 129.9 81.8 151.8

68 0.0 0.0 0.0

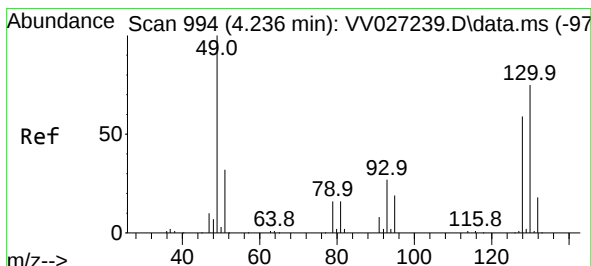
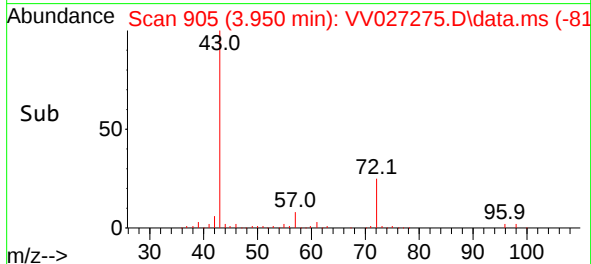
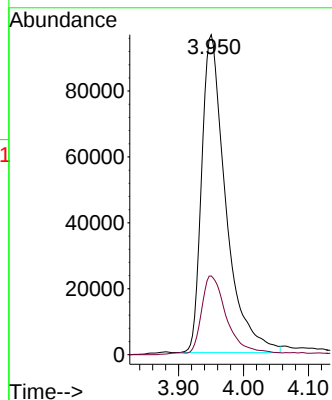
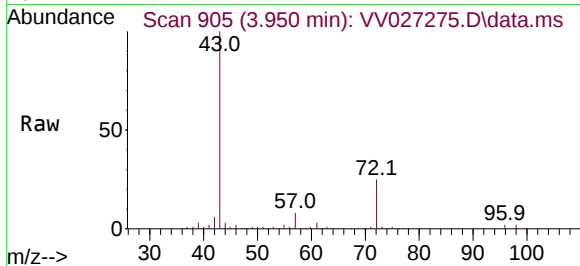




#22
2-Butanone
Concen: 118.709 ug/L
RT: 3.950 min Scan# 904
Delta R.T. 0.003 min
Lab File: VV027275.D
Acq: 11 Aug 2022 09:45

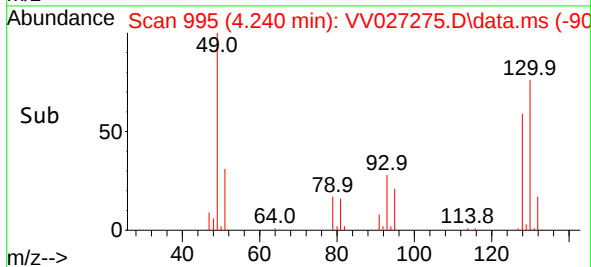
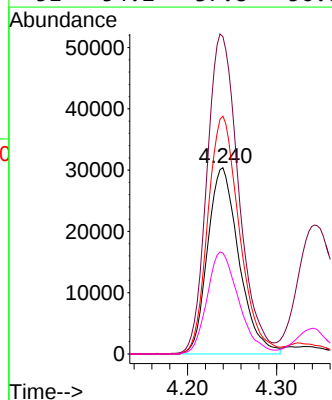
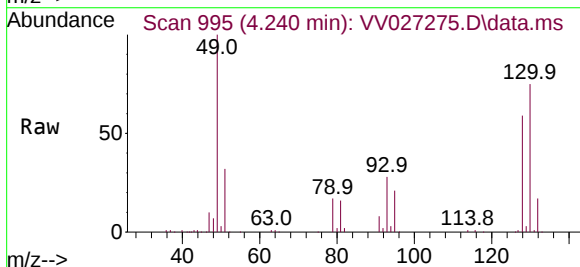
Instrument :
MSVOA_V
ClientSampleId :
VSTD050336

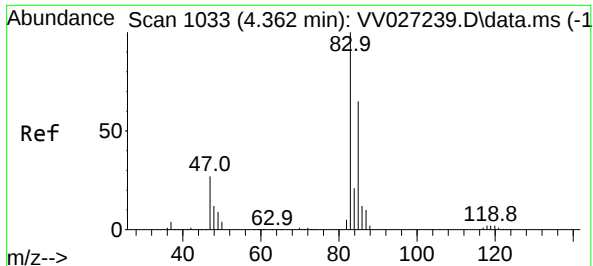
Tgt Ion: 43 Resp: 248944
Ion Ratio Lower Upper
43 100
72 25.2 11.9 35.7



#23
Bromochloromethane
Concen: 51.131 ug/L
RT: 4.240 min Scan# 995
Delta R.T. 0.003 min
Lab File: VV027275.D
Acq: 11 Aug 2022 09:45

Tgt Ion: 128 Resp: 74345
Ion Ratio Lower Upper
128 100
49 170.5 98.7 183.3
130 127.8 89.5 166.1
51 54.2 37.8 56.8





#25

Chloroform

Concen: 51.614 ug/L

RT: 4.365 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VV027275.D

Acq: 11 Aug 2022 09:45

Instrument :

MSVOA_V

ClientSampleId :

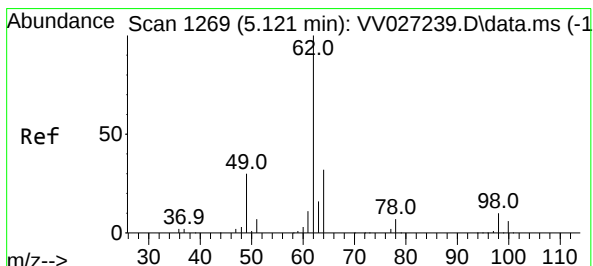
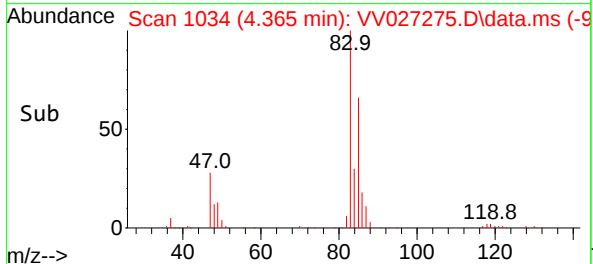
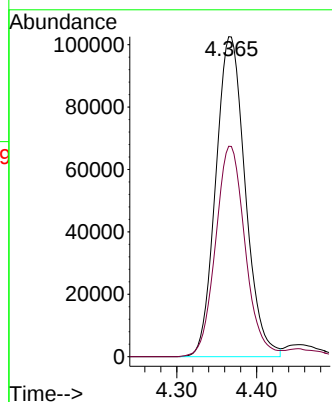
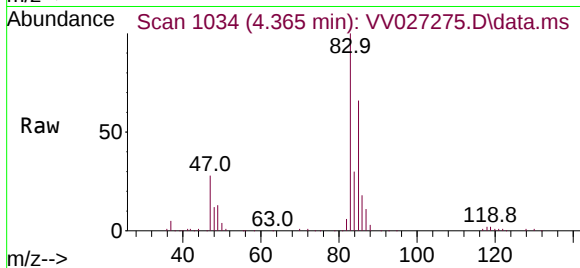
VSTD050336

Tgt Ion: 83 Resp: 262458

Ion Ratio Lower Upper

83 100

85 65.7 45.4 84.4



#27

1,2-Dichloroethane

Concen: 51.638 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.003 min

Lab File: VV027275.D

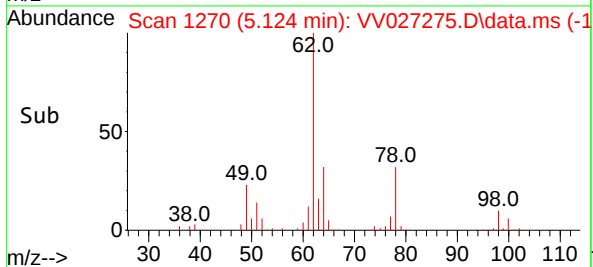
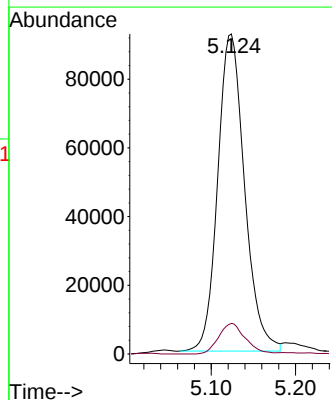
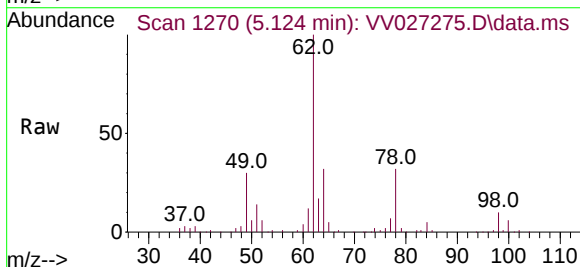
Acq: 11 Aug 2022 09:45

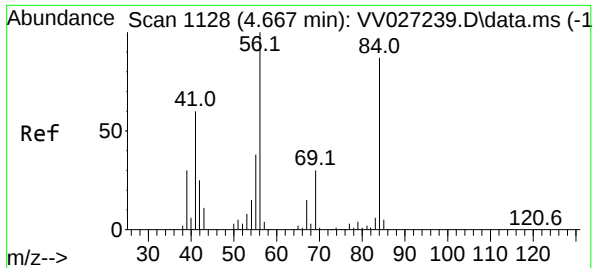
Tgt Ion: 62 Resp: 204504

Ion Ratio Lower Upper

62 100

98 9.6 9.0 13.6

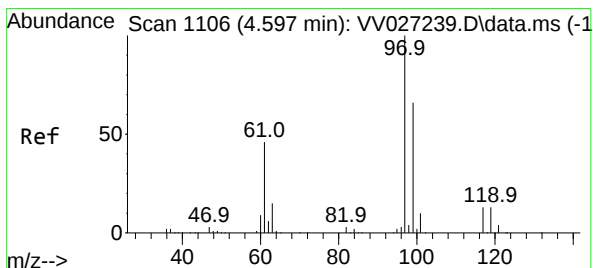
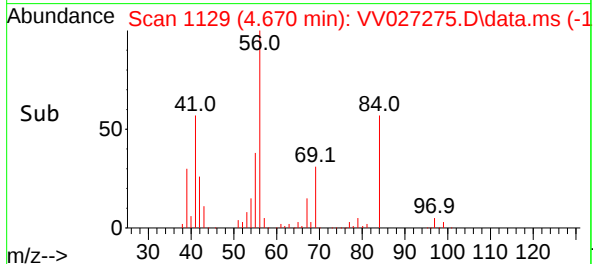
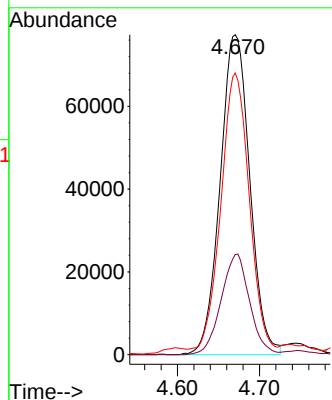
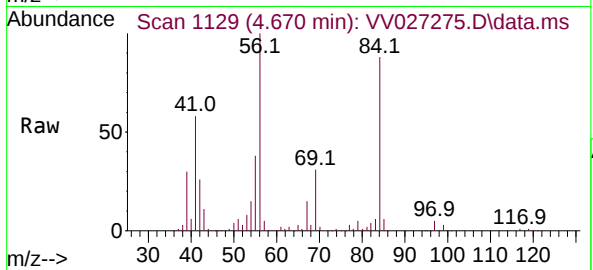




#29
Cyclohexane
Concen: 48.865 ug/L
RT: 4.670 min Scan# 1128
Delta R.T. 0.003 min
Lab File: VV027275.D
Acq: 11 Aug 2022 09:45

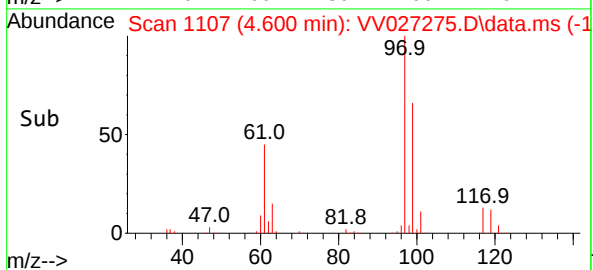
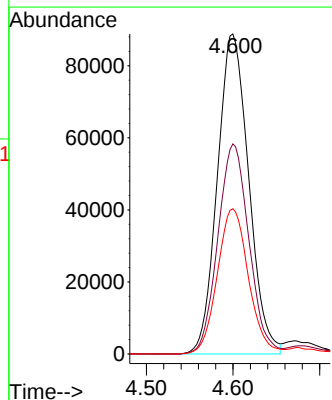
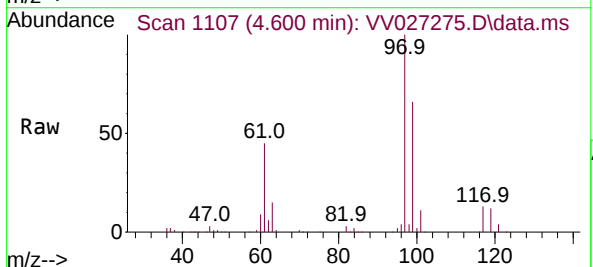
Instrument :
MSVOA_V
ClientSampleId :
VSTD050336

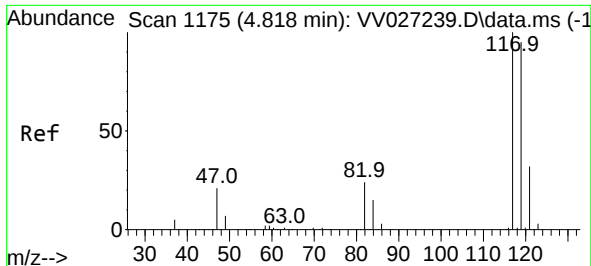
Tgt Ion: 56 Resp: 194708
Ion Ratio Lower Upper
56 100
69 30.0 25.9 38.9
84 81.5 75.3 112.9



#30
1,1,1-Trichloroethane
Concen: 48.694 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV027275.D
Acq: 11 Aug 2022 09:45

Tgt Ion: 97 Resp: 223302
Ion Ratio Lower Upper
97 100
99 65.2 51.4 77.2
61 45.1 32.1 48.1

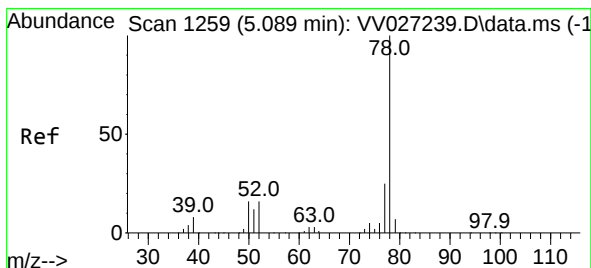
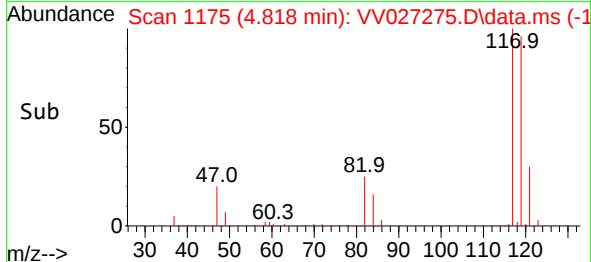
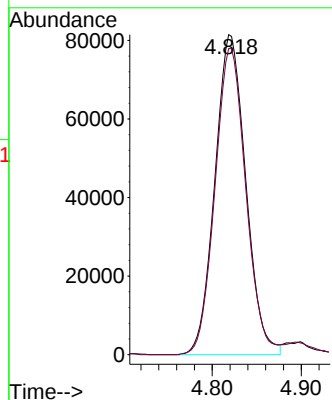
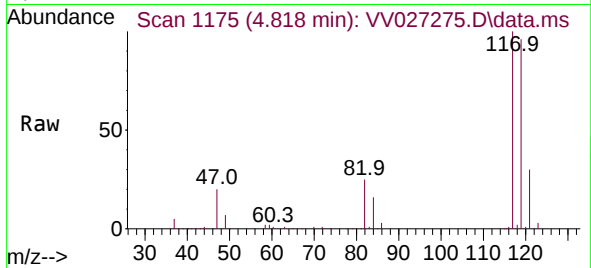




#31
Carbon tetrachloride
Concen: 49.281 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VV027275.D
Acq: 11 Aug 2022 09:45

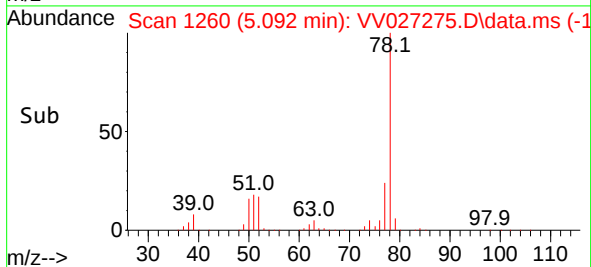
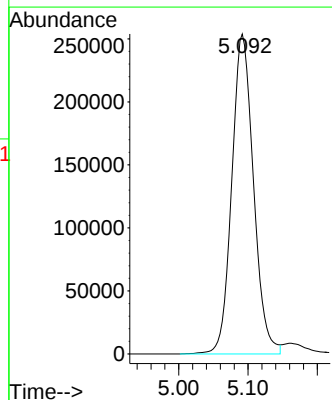
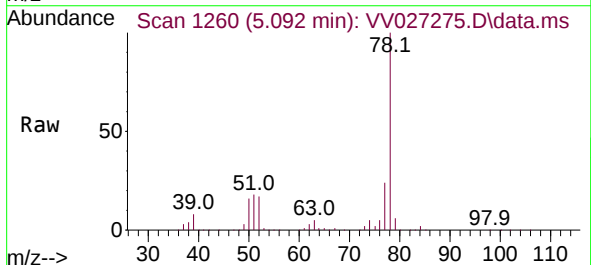
Instrument :
MSVOA_V
ClientSampleId :
VSTD050336

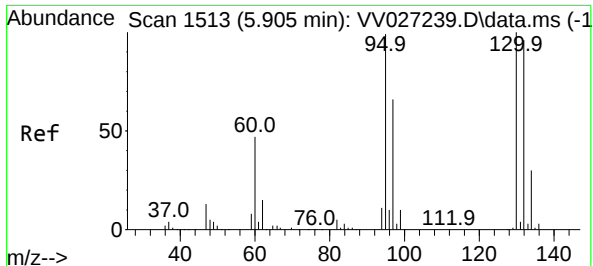
Tgt Ion:117 Resp: 196207
Ion Ratio Lower Upper
117 100
119 95.5 77.0 115.6



#33
Benzene
Concen: 49.656 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VV027275.D
Acq: 11 Aug 2022 09:45

Tgt Ion: 78 Resp: 552082

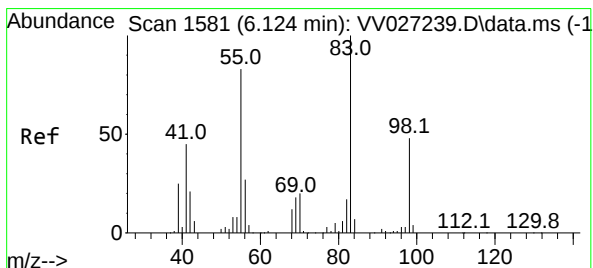
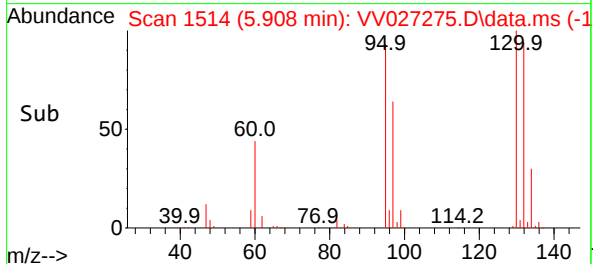
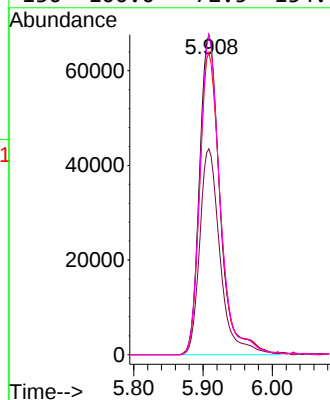
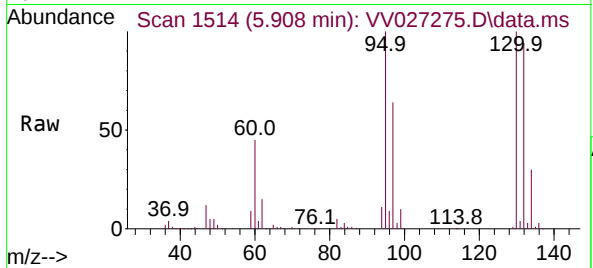




#34
Trichloroethene
Concen: 48.842 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VV027275.D
Acq: 11 Aug 2022 09:45

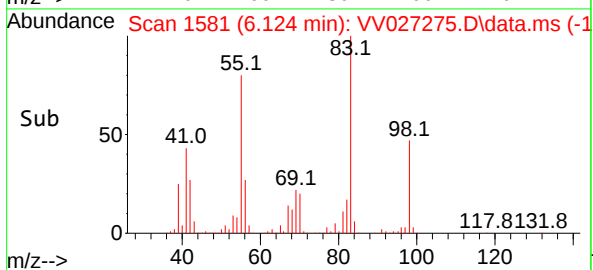
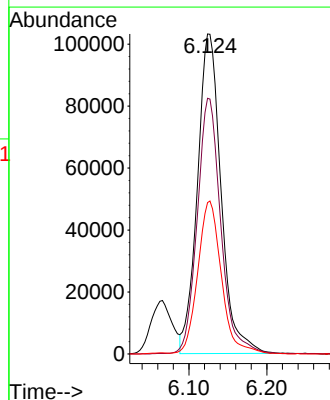
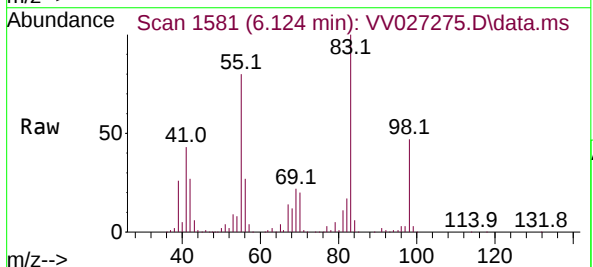
Instrument :
MSVOA_V
ClientSampleId :
VSTD050336

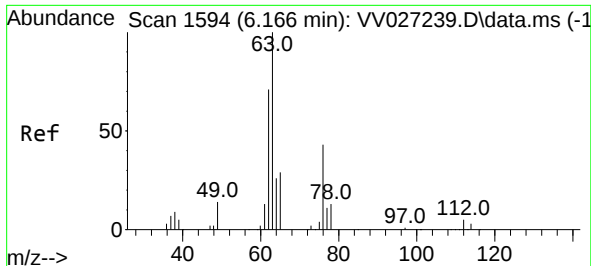
Tgt Ion: 95 Resp: 139044
Ion Ratio Lower Upper
95 100
97 64.4 45.9 85.3
132 94.4 69.8 129.6
130 100.0 72.5 134.7



#35
Methylcyclohexane
Concen: 51.971 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VV027275.D
Acq: 11 Aug 2022 09:45

Tgt Ion: 83 Resp: 217556
Ion Ratio Lower Upper
83 100
55 79.1 55.5 83.3
98 47.5 39.0 58.4





#37

1,2-Dichloropropane

Concen: 51.308 ug/L

RT: 6.166 min Scan# 1594

Delta R.T. -0.000 min

Lab File: VV027275.D

Acq: 11 Aug 2022 09:45

Instrument :

MSVOA_V

ClientSampleId :

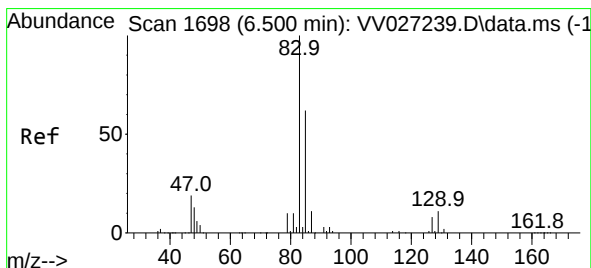
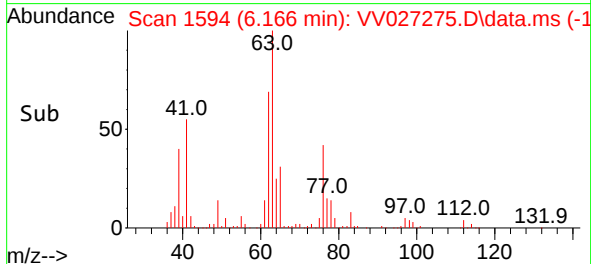
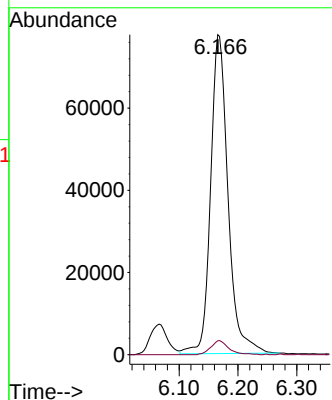
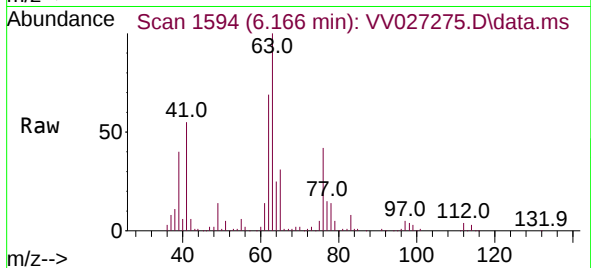
VSTD050336

Tgt Ion: 63 Resp: 159813

Ion Ratio Lower Upper

63 100

112 4.4 3.7 5.5



#38

Bromodichloromethane

Concen: 50.235 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.003 min

Lab File: VV027275.D

Acq: 11 Aug 2022 09:45

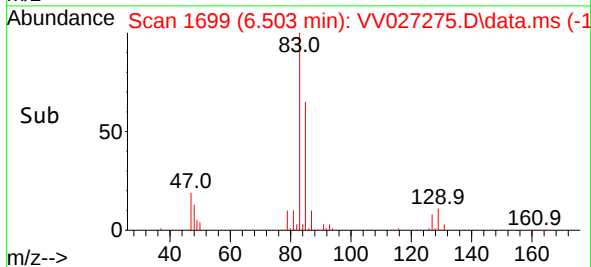
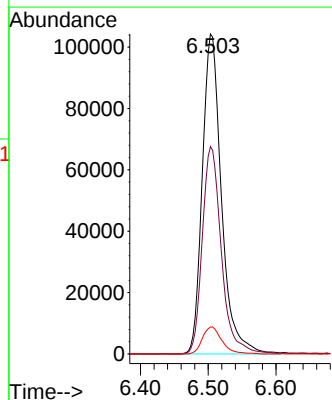
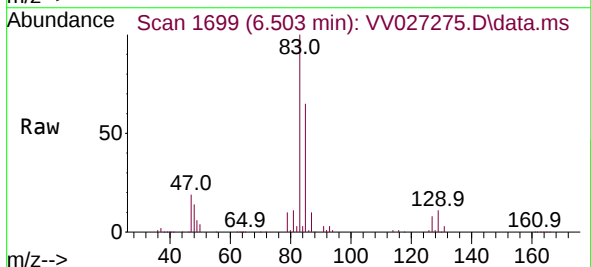
Tgt Ion: 83 Resp: 205019

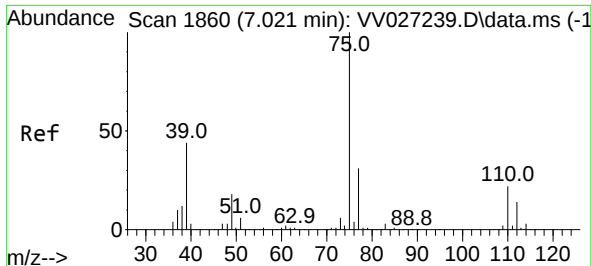
Ion Ratio Lower Upper

83 100

85 64.8 45.5 84.5

127 8.4 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 52.214 ug/L

RT: 7.024 min Scan# 1860

Delta R.T. 0.003 min

Lab File: VV027275.D

Acq: 11 Aug 2022 09:45

Instrument :

MSVOA_V

ClientSampleId :

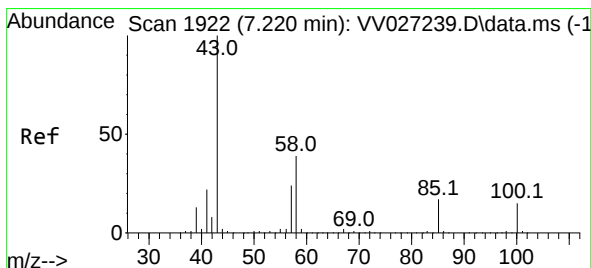
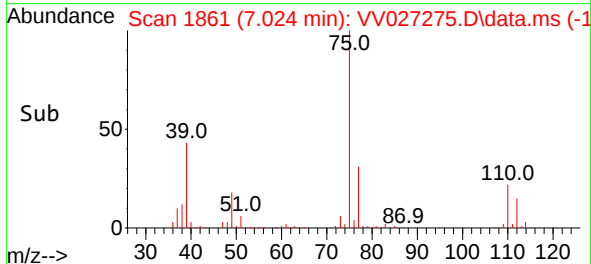
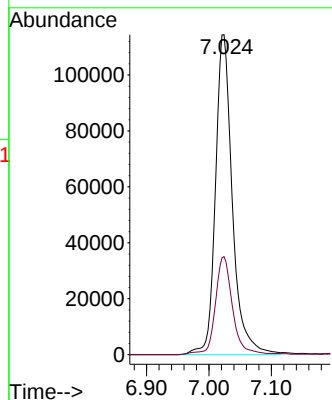
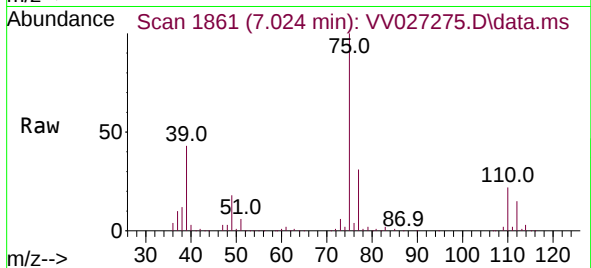
VSTD050336

Tgt Ion: 75 Resp: 215427

Ion Ratio Lower Upper

75 100

77 30.7 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 102.521 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.000 min

Lab File: VV027275.D

Acq: 11 Aug 2022 09:45

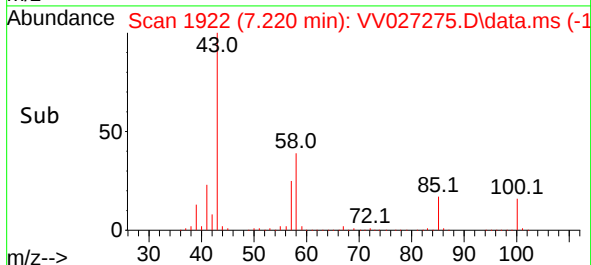
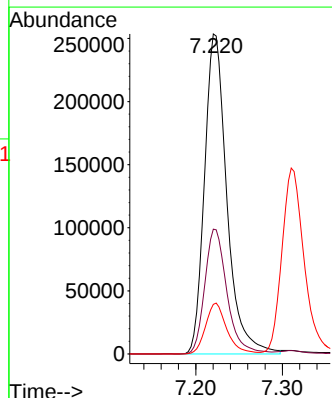
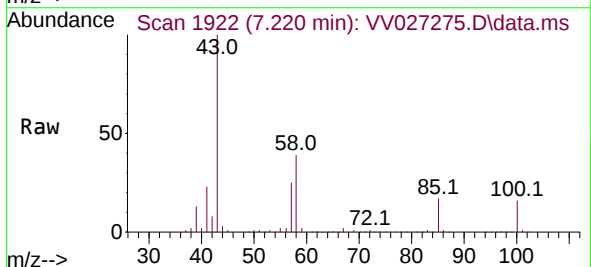
Tgt Ion: 43 Resp: 455555

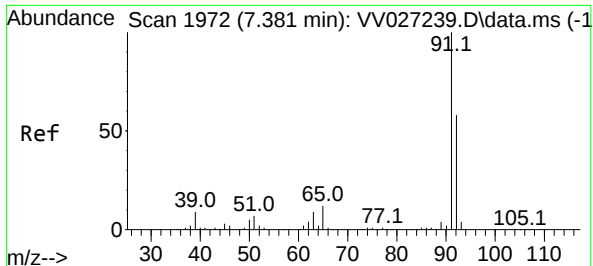
Ion Ratio Lower Upper

43 100

58 38.8 35.3 52.9

100 15.1 15.7 23.5





#42

Toluene

Concen: 53.009 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV027275.D

Acq: 11 Aug 2022 09:45

Instrument :

MSVOA_V

ClientSampleId :

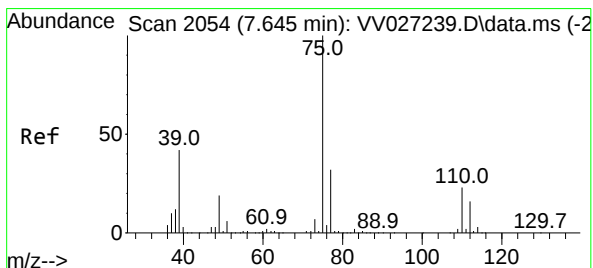
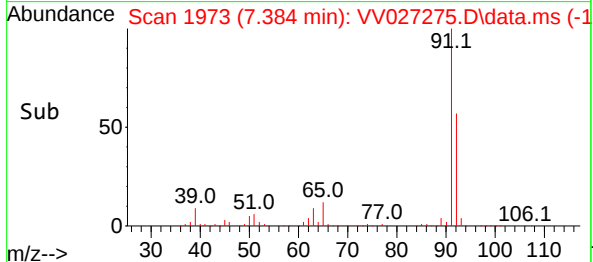
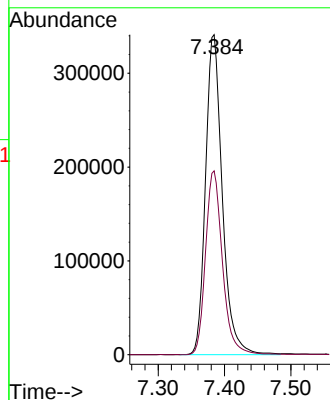
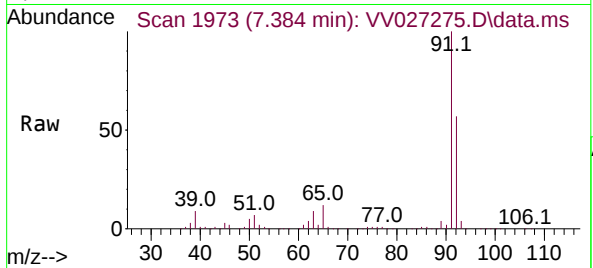
VSTD050336

Tgt Ion: 91 Resp: 599230

Ion Ratio Lower Upper

91 100

92 57.5 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 53.327 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. -0.000 min

Lab File: VV027275.D

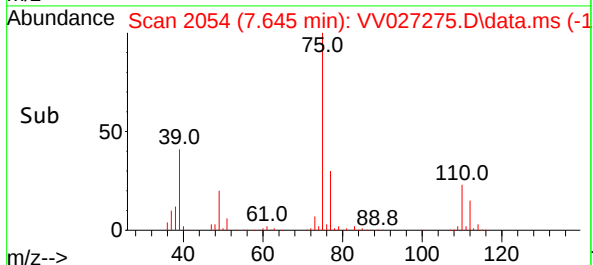
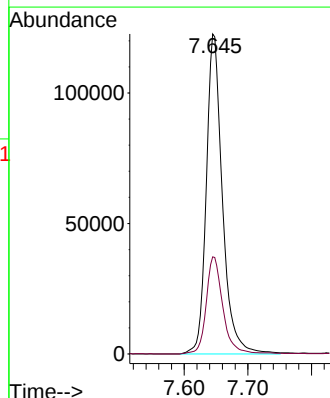
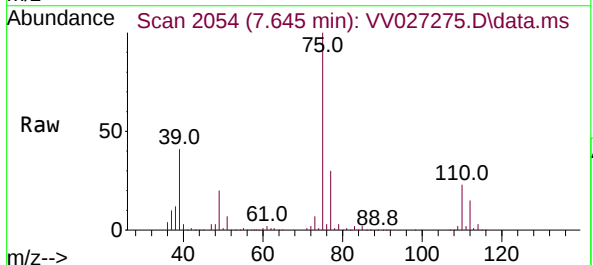
Acq: 11 Aug 2022 09:45

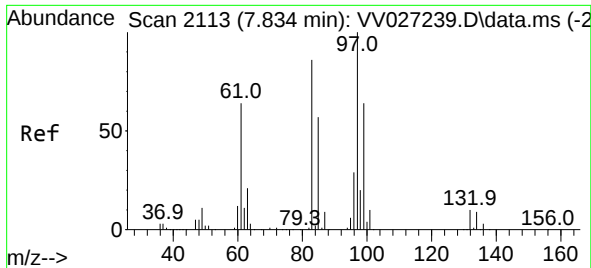
Tgt Ion: 75 Resp: 216217

Ion Ratio Lower Upper

75 100

77 30.3 22.0 41.0



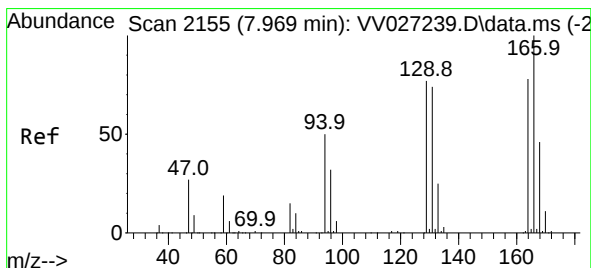
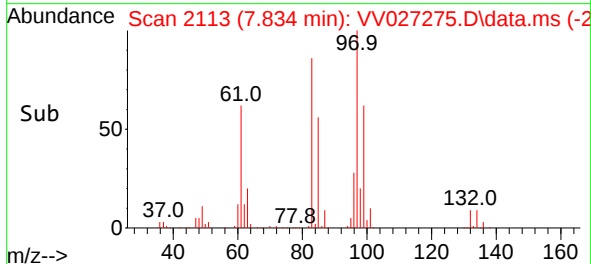
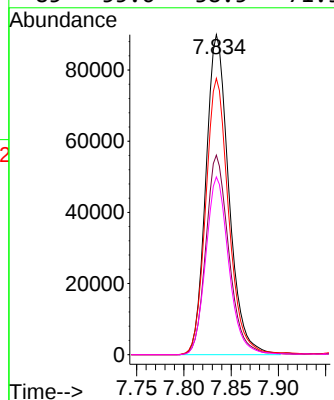
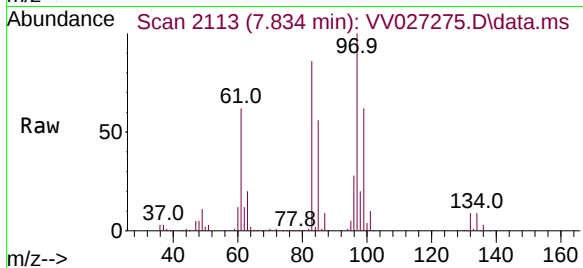


#45
1,1,2-Trichloroethane
Concen: 50.699 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV027275.D
Acq: 11 Aug 2022 09:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD050336

Tgt Ion: 97 Resp: 152202

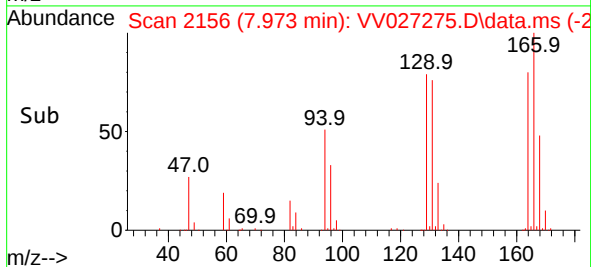
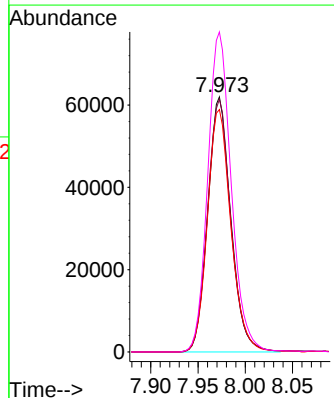
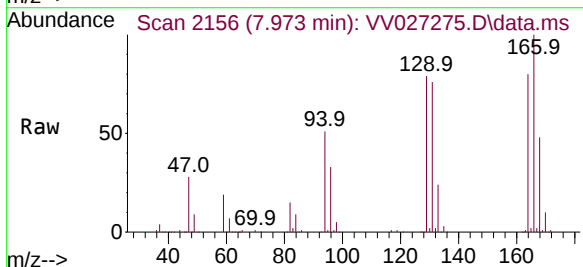
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.2	80.2
83	86.4	58.0	107.6
85	55.6	38.5	71.5

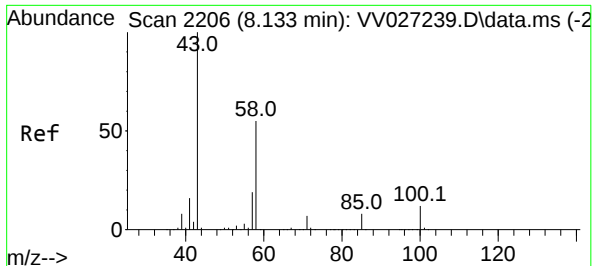


#46
Tetrachloroethene
Concen: 50.615 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV027275.D
Acq: 11 Aug 2022 09:45

Tgt Ion: 164 Resp: 105463

Ion	Ratio	Lower	Upper
164	100		
129	99.1	67.5	125.4
131	95.0	64.3	119.3
166	125.4	88.9	165.1





#48

2-Hexanone

Concen: 105.600 ug/L

RT: 8.133 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV027275.D

Acq: 11 Aug 2022 09:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD050336

Tgt Ion: 43 Resp: 373718

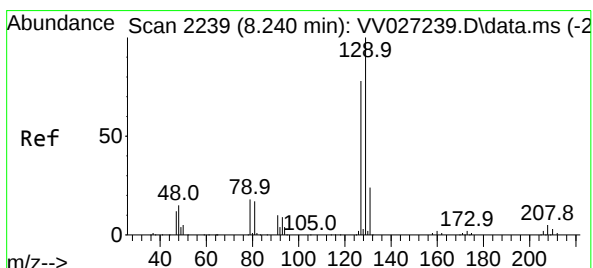
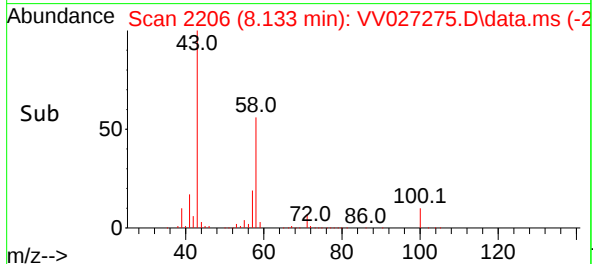
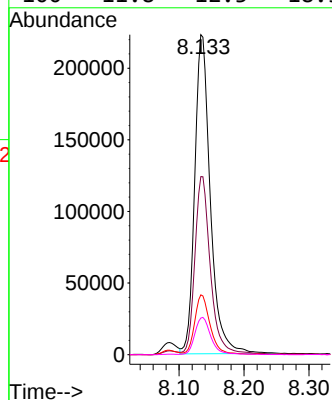
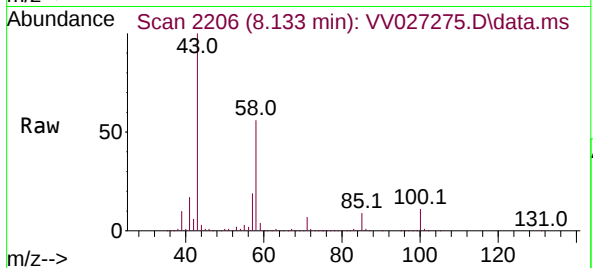
Ion Ratio Lower Upper

43 100

58 54.7 50.8 76.2

57 18.7 17.1 25.7

100 11.8 12.3 18.5#



#49

Dibromochloromethane

Concen: 51.030 ug/L

RT: 8.243 min Scan# 2240

Delta R.T. 0.003 min

Lab File: VV027275.D

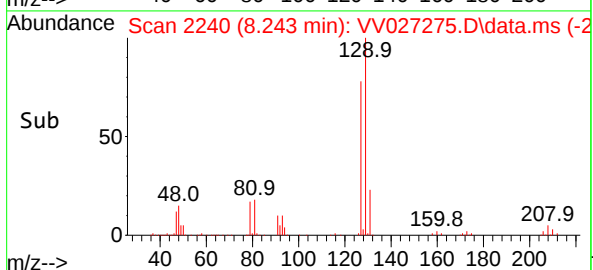
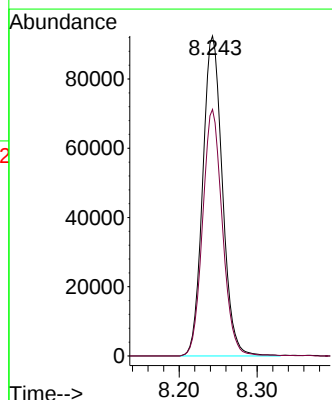
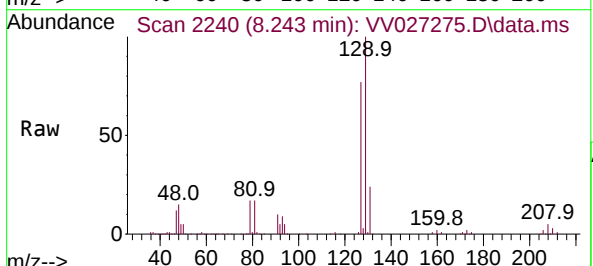
Acq: 11 Aug 2022 09:45

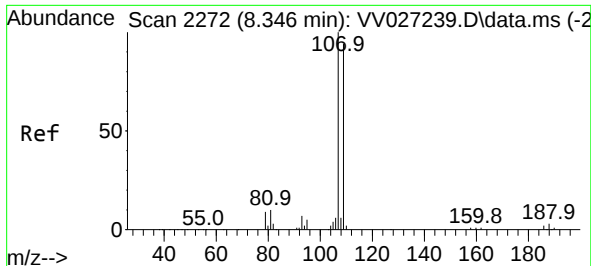
Tgt Ion:129 Resp: 161940

Ion Ratio Lower Upper

129 100

127 77.0 53.3 98.9





#50

1,2-Dibromoethane

Concen: 50.846 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027275.D

Acq: 11 Aug 2022 09:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD050336

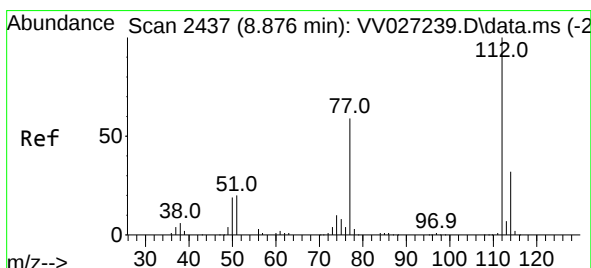
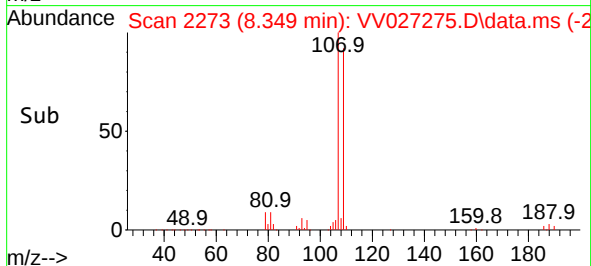
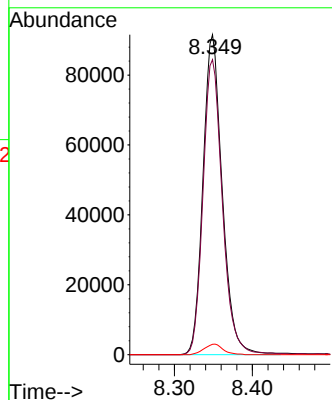
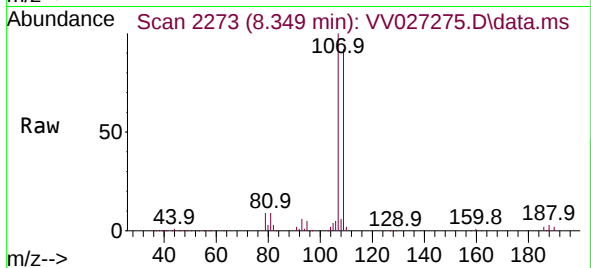
Tgt Ion:107 Resp: 157065

Ion Ratio Lower Upper

107 100

109 92.2 65.7 121.9

188 3.2 2.7 4.1



#51

Chlorobenzene

Concen: 50.026 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV027275.D

Acq: 11 Aug 2022 09:45

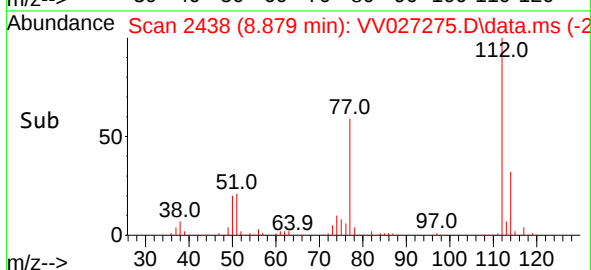
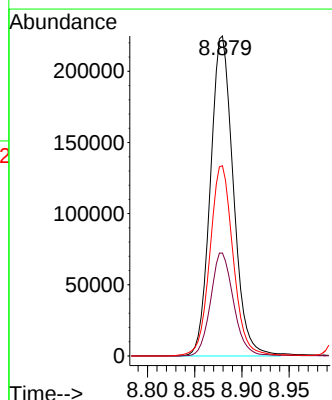
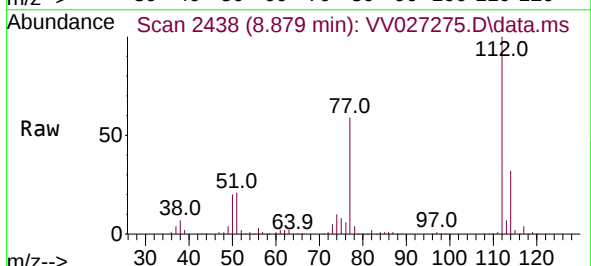
Tgt Ion:112 Resp: 379315

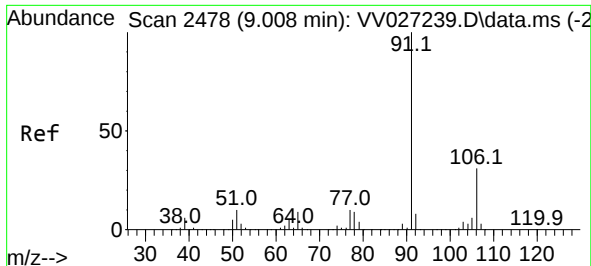
Ion Ratio Lower Upper

112 100

114 32.2 22.8 42.4

77 59.5 44.2 66.2

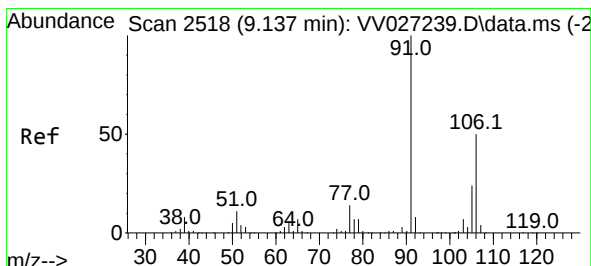
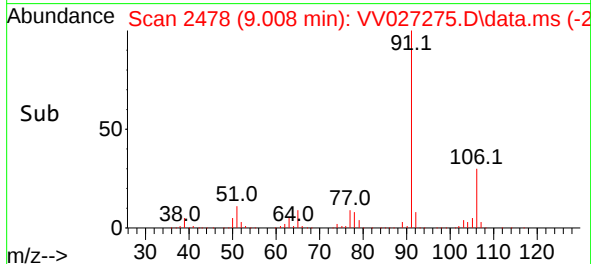
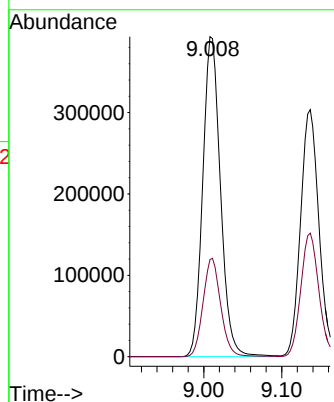
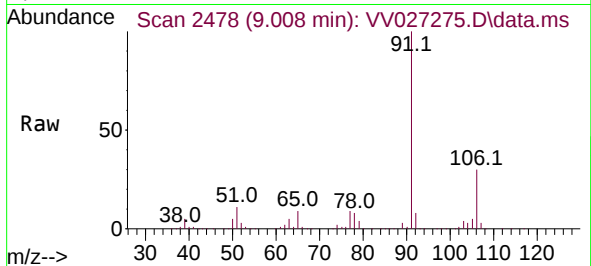




#52
Ethylbenzene
Concen: 53.293 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV027275.D
Acq: 11 Aug 2022 09:45

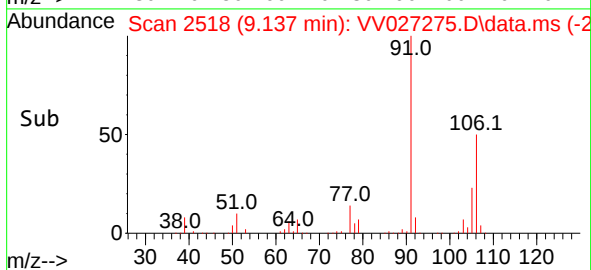
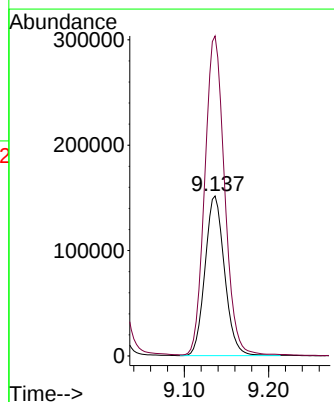
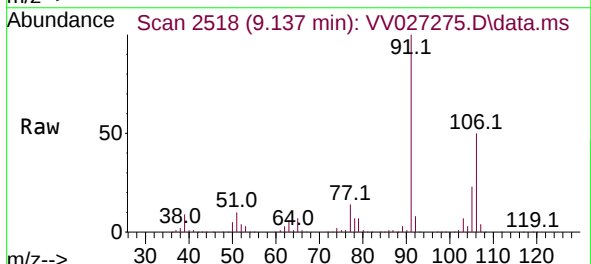
Instrument :
MSVOA_V
ClientSampleId :
VSTD050336

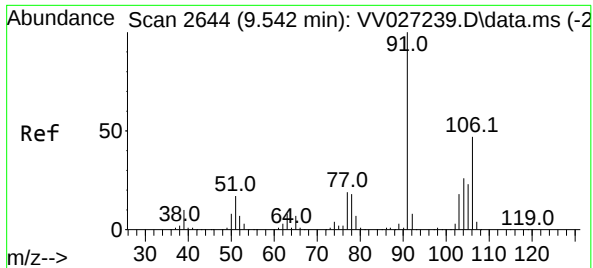
Tgt Ion: 91 Resp: 621641
Ion Ratio Lower Upper
91 100
106 30.4 21.8 40.6



#53
m,p-Xylene
Concen: 55.517 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV027275.D
Acq: 11 Aug 2022 09:45

Tgt Ion: 106 Resp: 244738
Ion Ratio Lower Upper
106 100
91 200.0 137.5 255.3

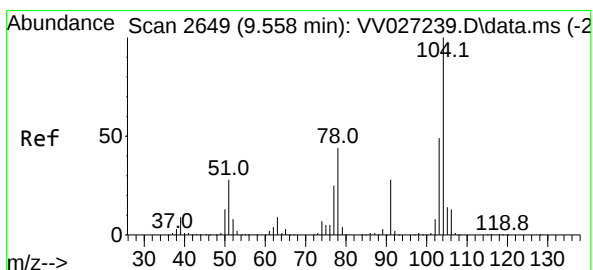
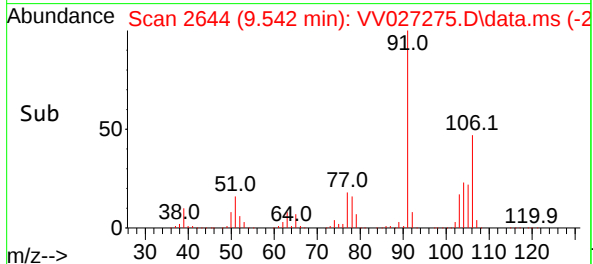
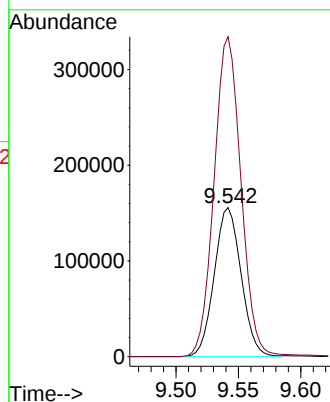
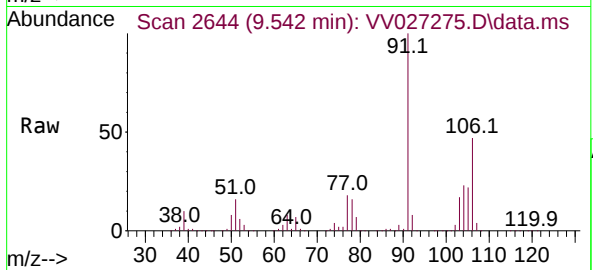




#54
o-Xylene
Concen: 54.473 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027275.D
Acq: 11 Aug 2022 09:45

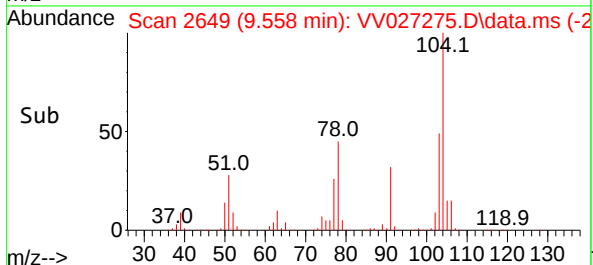
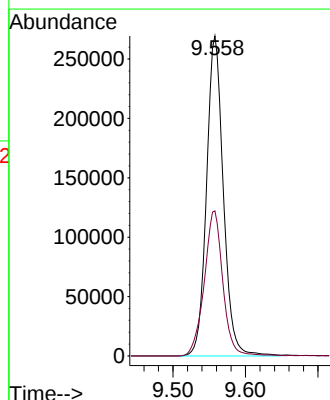
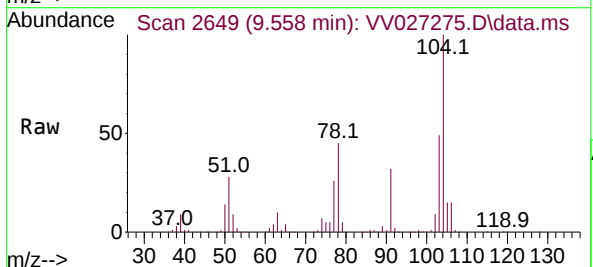
Instrument :
MSVOA_V
ClientSampleId :
VSTD050336

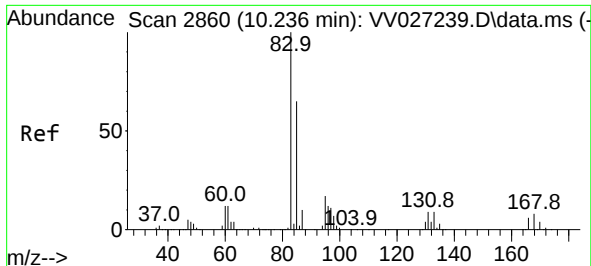
Tgt Ion:106 Resp: 233949
Ion Ratio Lower Upper
106 100
91 214.6 146.6 272.2



#55
Styrene
Concen: 57.439 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV027275.D
Acq: 11 Aug 2022 09:45

Tgt Ion:104 Resp: 434571
Ion Ratio Lower Upper
104 100
78 45.4 29.6 55.0



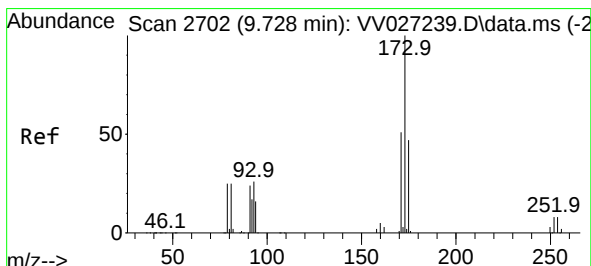
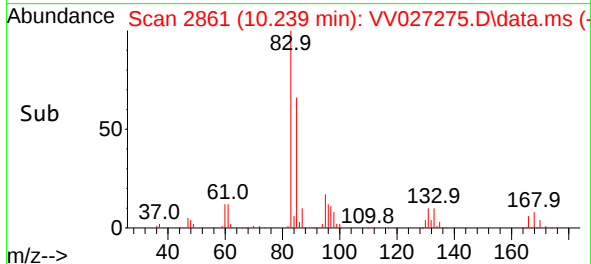
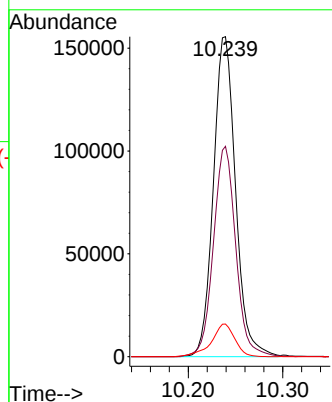
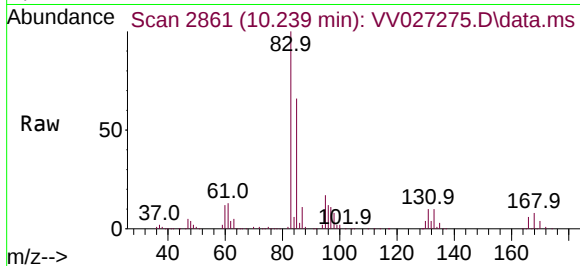


#57
 1,1,2,2-Tetrachloroethane
 Concen: 50.473 ug/L
 RT: 10.239 min Scan# 2860
 Delta R.T. 0.003 min
 Lab File: VV027275.D
 Acq: 11 Aug 2022 09:45

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050336

Tgt Ion: 83 Resp: 253844

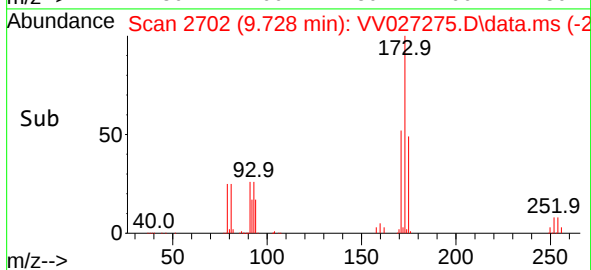
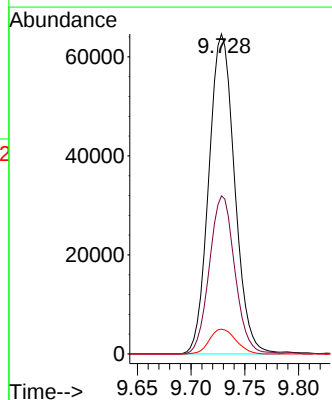
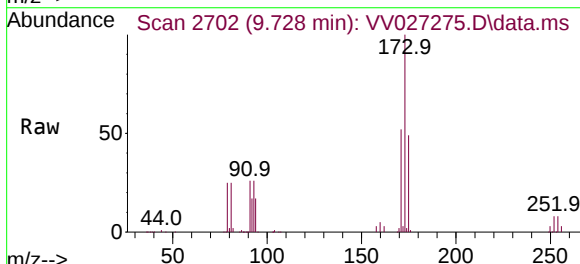
Ion	Ratio	Lower	Upper
83	100		
85	65.8	45.2	84.0
131	10.2	8.1	12.1

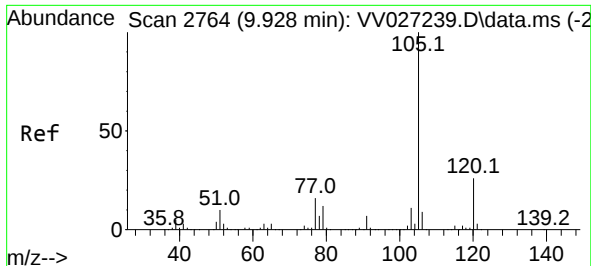


#59
 Bromoform
 Concen: 46.849 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.000 min
 Lab File: VV027275.D
 Acq: 11 Aug 2022 09:45

Tgt Ion: 173 Resp: 107935

Ion	Ratio	Lower	Upper
173	100		
175	48.7	39.0	58.4
254	7.9	6.9	10.3

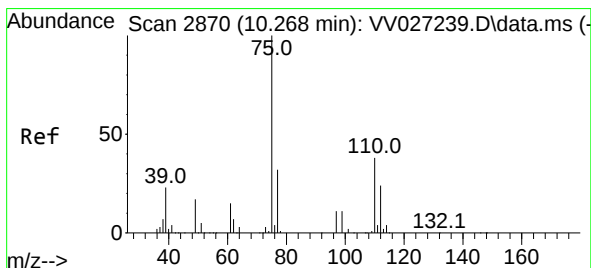
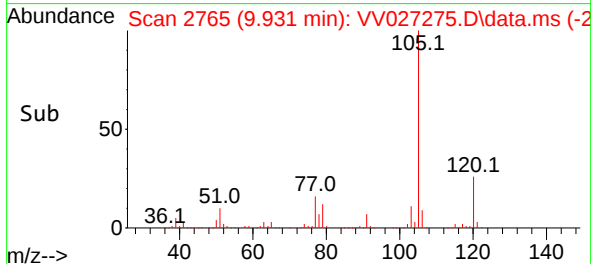
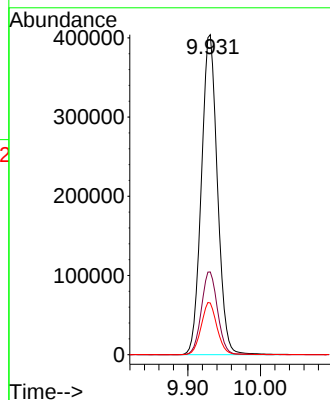
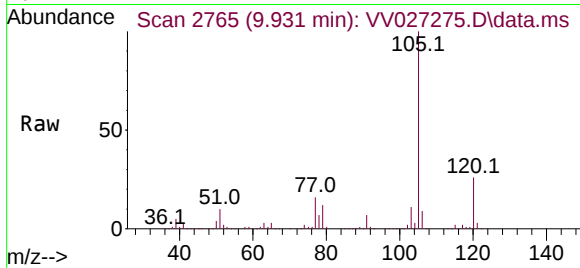




#60
Isopropylbenzene
Concen: 50.714 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027275.D
Acq: 11 Aug 2022 09:45

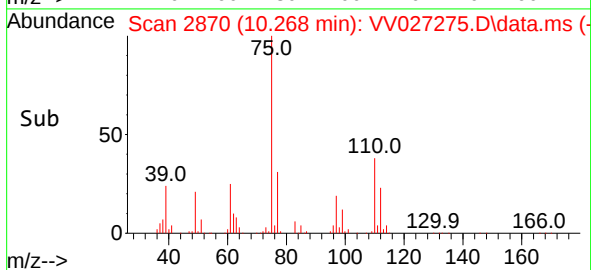
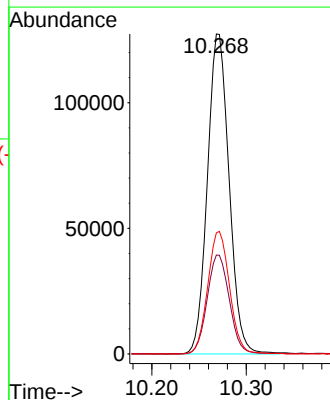
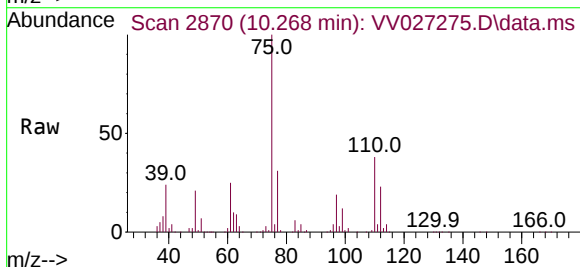
Instrument :
MSVOA_V
ClientSampleId :
VSTD050336

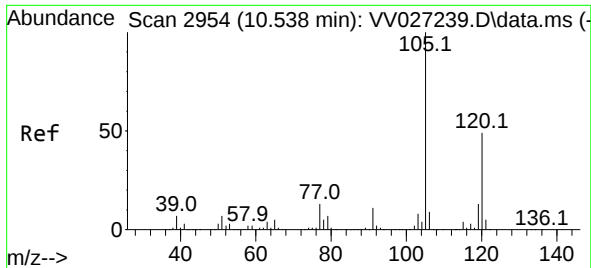
Tgt Ion:105 Resp: 619736
Ion Ratio Lower Upper
105 100
120 26.2 21.4 32.0
77 16.1 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 45.674 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.000 min
Lab File: VV027275.D
Acq: 11 Aug 2022 09:45

Tgt Ion: 75 Resp: 203331
Ion Ratio Lower Upper
75 100
77 31.2 25.8 38.8
110 38.6 32.7 49.1

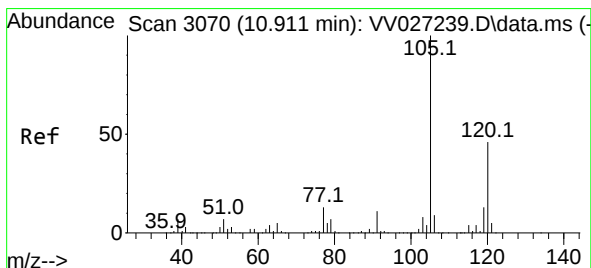
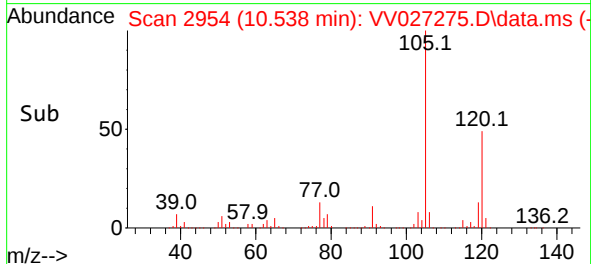
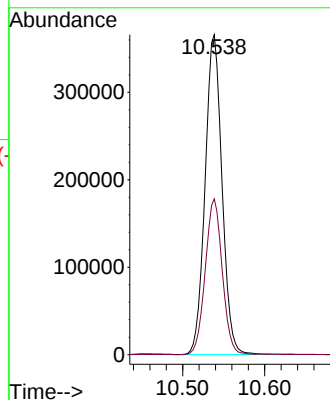
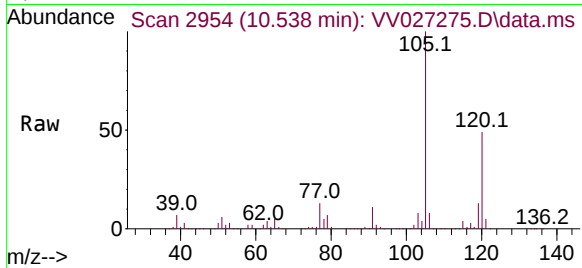




#62
 1,3,5-Trimethylbenzene
 Concen: 51.881 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV027275.D
 Acq: 11 Aug 2022 09:45

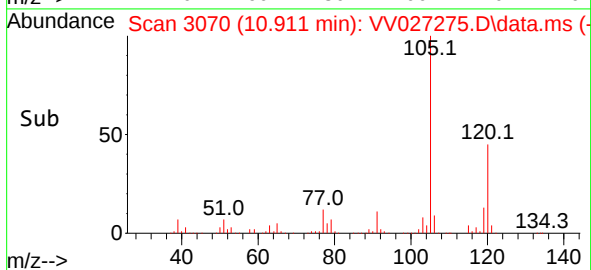
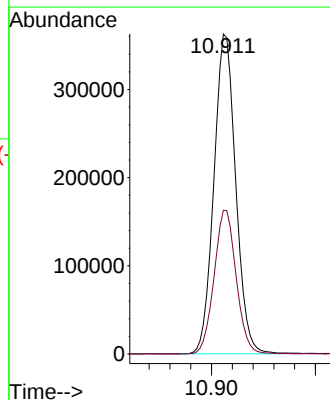
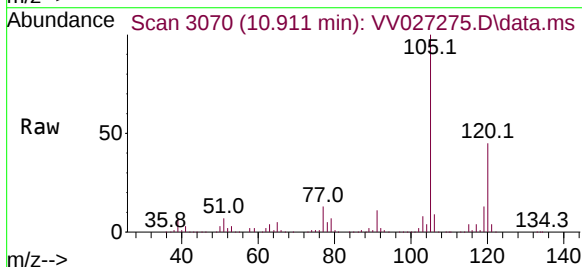
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050336

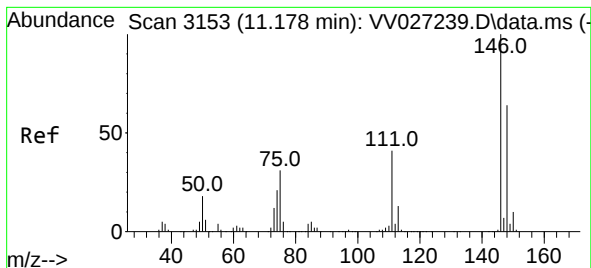
Tgt Ion:105 Resp: 523578
 Ion Ratio Lower Upper
 105 100
 120 49.0 39.3 58.9



#63
 1,2,4-Trimethylbenzene
 Concen: 53.524 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.000 min
 Lab File: VV027275.D
 Acq: 11 Aug 2022 09:45

Tgt Ion:105 Resp: 529158
 Ion Ratio Lower Upper
 105 100
 120 45.5 37.0 55.6





#64

1,3-Dichlorobenzene

Concen: 50.863 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. -0.000 min

Lab File: VV027275.D

Acq: 11 Aug 2022 09:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD050336

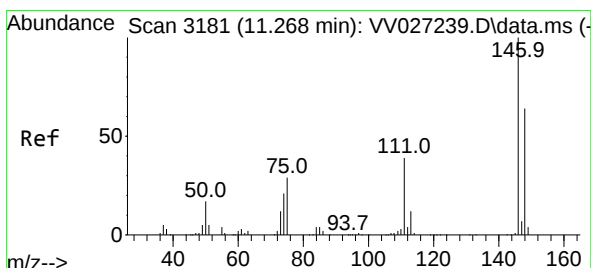
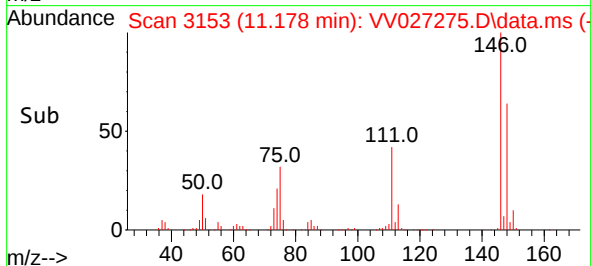
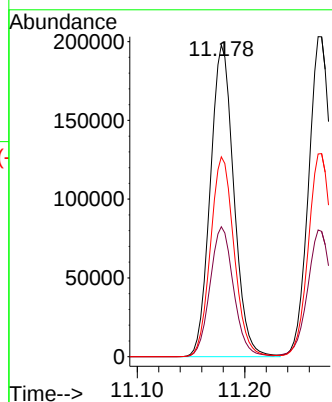
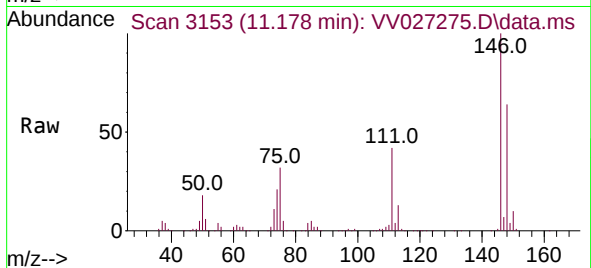
Tgt Ion:146 Resp: 301248

Ion Ratio Lower Upper

146 100

111 41.7 28.4 52.8

148 64.1 44.7 82.9



#65

1,4-Dichlorobenzene

Concen: 50.300 ug/L

RT: 11.268 min Scan# 3181

Delta R.T. -0.000 min

Lab File: VV027275.D

Acq: 11 Aug 2022 09:45

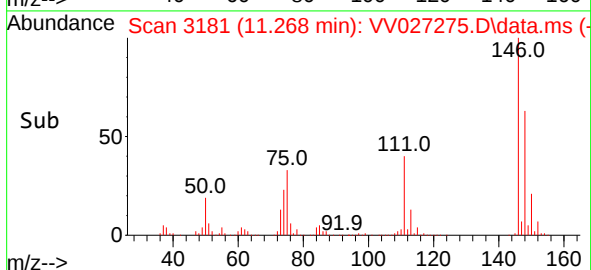
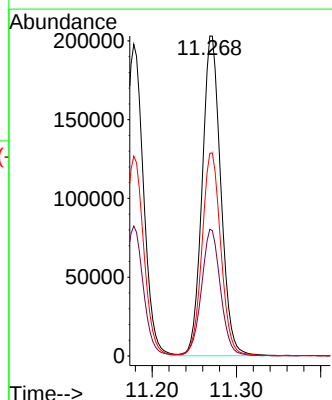
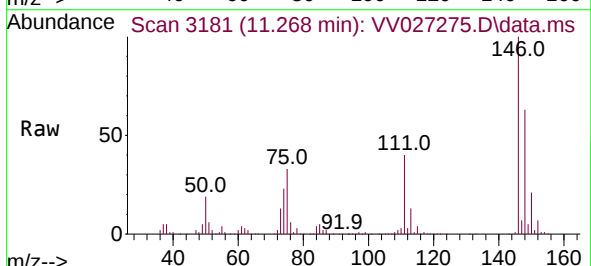
Tgt Ion:146 Resp: 313530

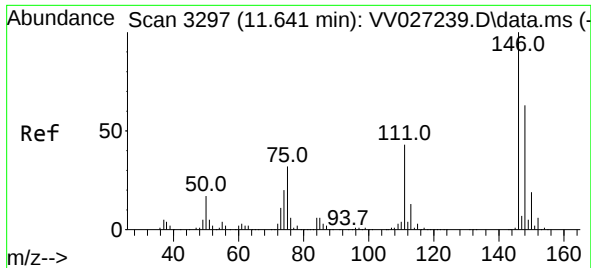
Ion Ratio Lower Upper

146 100

111 39.6 27.4 51.0

148 63.4 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 50.069 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV027275.D

Acq: 11 Aug 2022 09:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD050336

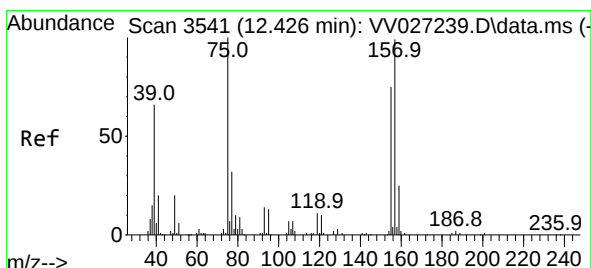
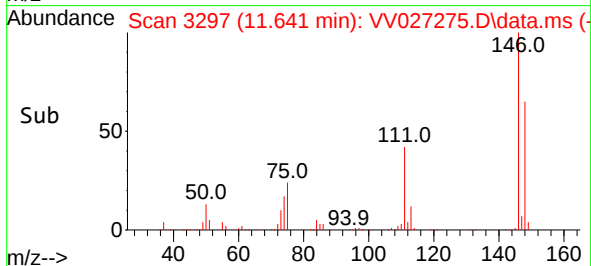
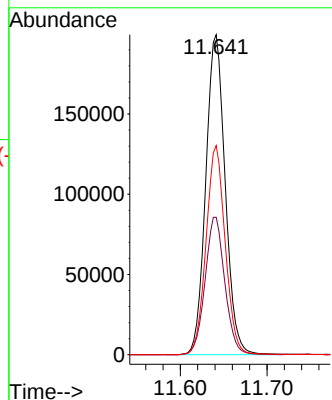
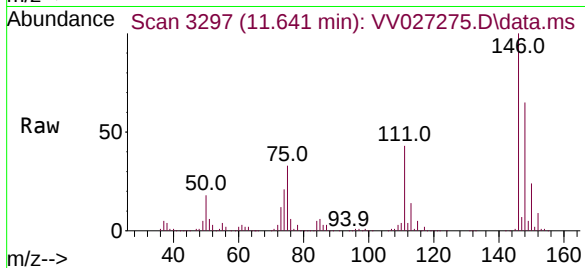
Tgt Ion:146 Resp: 310714

Ion Ratio Lower Upper

146 100

111 43.0 34.0 51.0

148 65.4 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 44.108 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV027275.D

Acq: 11 Aug 2022 09:45

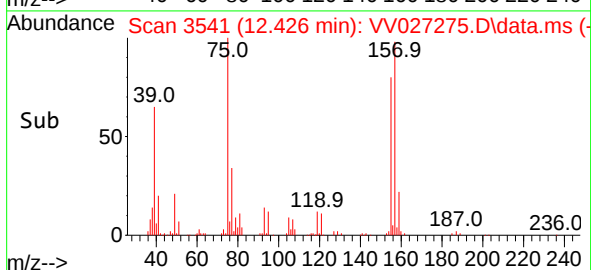
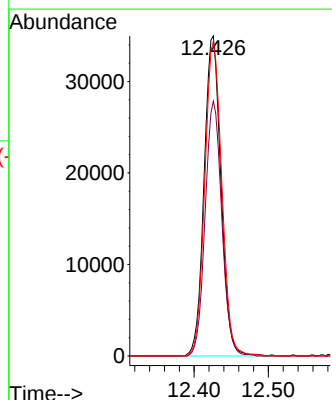
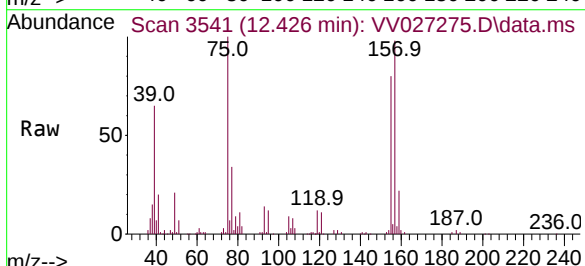
Tgt Ion: 75 Resp: 55089

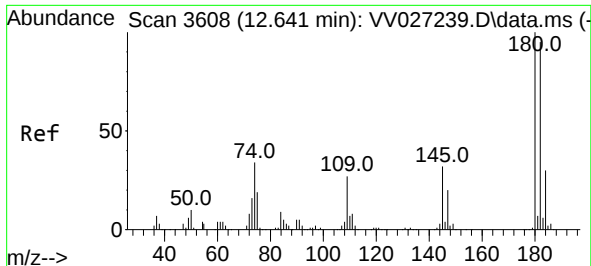
Ion Ratio Lower Upper

75 100

155 79.6 69.1 103.7

157 98.2 87.8 131.8





#69

1,3,5-Trichlorobenzene

Concen: 53.155 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.003 min

Lab File: VV027275.D

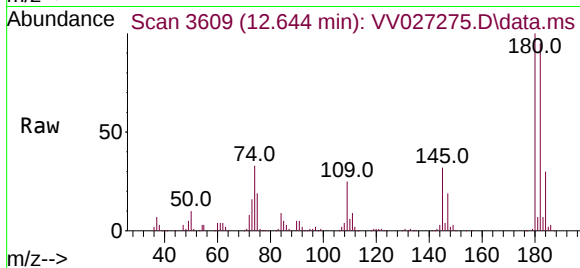
Acq: 11 Aug 2022 09:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD050336



Tgt Ion:180 Resp: 211454

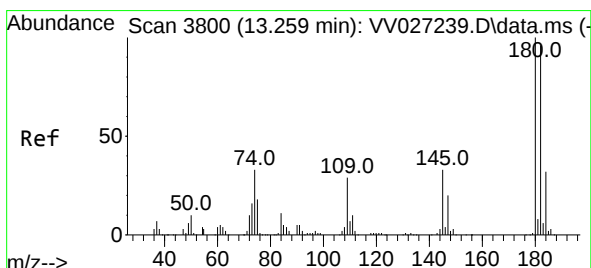
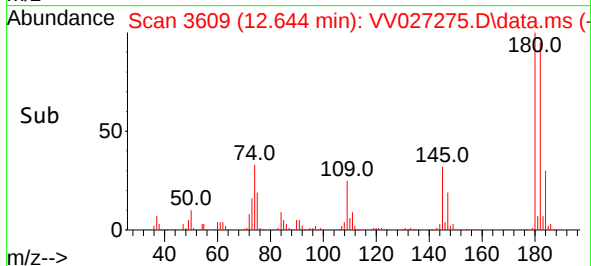
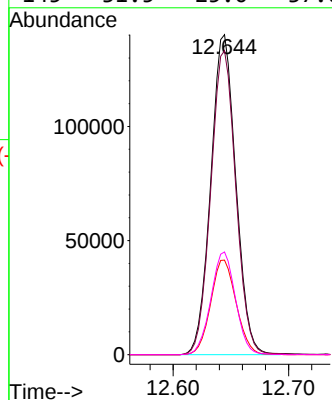
Ion Ratio Lower Upper

180 100

182 94.7 76.2 114.4

184 30.1 24.8 37.2

145 31.5 25.0 37.6



#70

1,2,4-trichlorobenzene

Concen: 52.089 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV027275.D

Acq: 11 Aug 2022 09:45

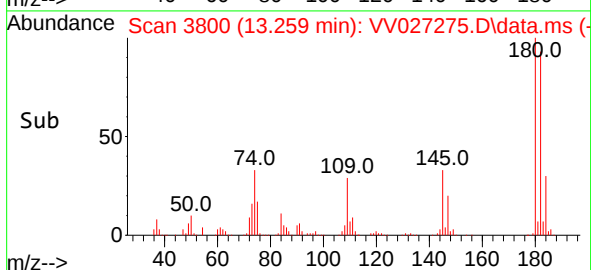
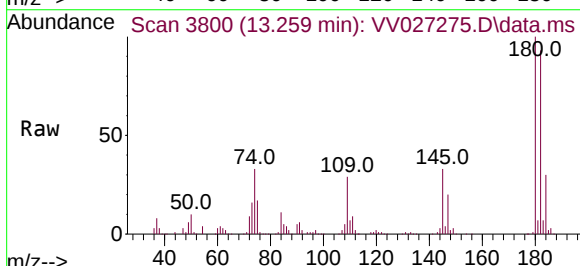
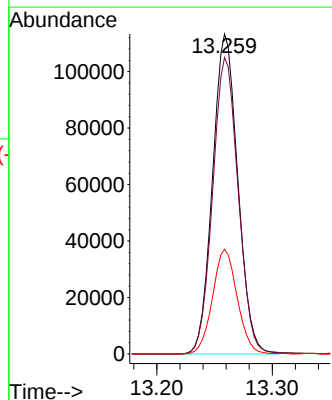
Tgt Ion:180 Resp: 172100

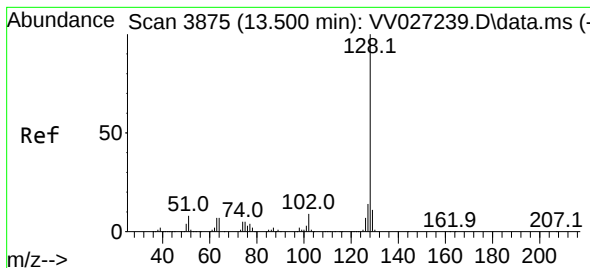
Ion Ratio Lower Upper

180 100

182 93.6 75.9 113.9

145 32.0 24.7 37.1





#71

Naphthalene

Concen: 49.365 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV027275.D

Acq: 11 Aug 2022 09:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD050336

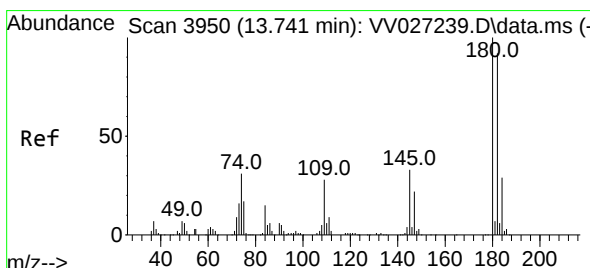
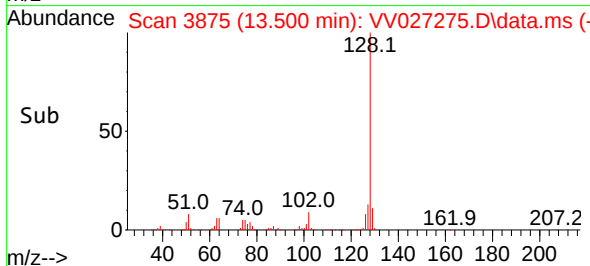
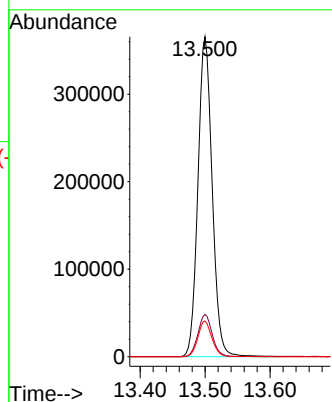
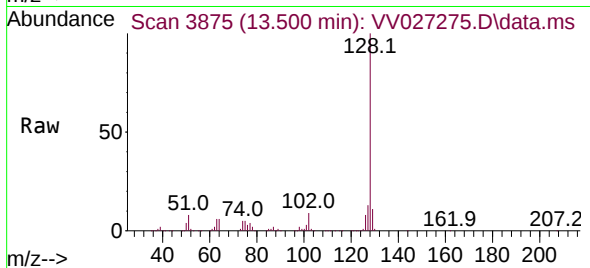
Tgt Ion:128 Resp: 558484

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 53.567 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV027275.D

Acq: 11 Aug 2022 09:45

Tgt Ion:180 Resp: 196169

Ion Ratio Lower Upper

180 100

182 94.6 76.3 114.5

145 33.8 27.4 41.0

