

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011823\
 Data File : VW029898.D
 Acq On : 18 Jan 2023 15:12
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050399

Quant Time: Jan 19 05:25:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 19 00:40:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	471409	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	454992	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	272529	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	157866	48.060	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.120%
7) Chloroethane-d5	1.561	69	134343	48.618	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.240%
11) 1,1-Dichloroethene-d2	2.105	63	282340	48.369	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.740%
21) 2-Butanone-d5	3.860	46	193148	100.909	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.910%
24) Chloroform-d	4.330	84	306823	50.239	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.480%
26) 1,2-Dichloroethane-d4	5.018	65	171231	50.080	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.160%
32) Benzene-d6	5.037	84	633595	52.050	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.100%
36) 1,2-Dichloropropane-d6	6.056	67	190526	50.847	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.700%
41) Toluene-d8	7.304	98	580661	52.051	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.100%
43) trans-1,3-Dichloroprop...	7.609	79	87698	52.692	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.380%
47) 2-Hexanone-d5	8.079	63	167871	104.195	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.200%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	287766	49.628	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.260%
66) 1,2-Dichlorobenzene-d4	11.609	152	245806	50.620	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	162864	48.260	ug/L	99
3) Chloromethane	1.240	50	160028	46.578	ug/L	99
5) Vinyl chloride	1.307	62	187302	47.372	ug/L	98
6) Bromomethane	1.513	94	86364	51.462	ug/L	98
8) Chloroethane	1.577	64	120494	47.681	ug/L	100
9) Trichlorofluoromethane	1.748	101	256041	48.011	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	159713	48.686	ug/L	99
12) 1,1-Dichloroethene	2.111	96	150586	47.579	ug/L	97
13) Acetone	2.150	43	179591	77.694	ug/L	99
14) Carbon disulfide	2.288	76	386520	47.847	ug/L	99
15) Methyl Acetate	2.416	43	145782	48.756	ug/L	100
16) Methylene chloride	2.497	84	182928	48.445	ug/L	99
17) trans-1,2-Dichloroethene	2.751	96	162223	48.877	ug/L	99
18) Methyl tert-butyl Ether	2.757	73	511236	49.265	ug/L	100
19) 1,1-Dichloroethane	3.175	63	293308	48.613	ug/L	99
20) cis-1,2-Dichloroethene	3.896	96	185308	49.877	ug/L	99
22) 2-Butanone	3.941	43	221325	92.567	ug/L	100
23) Bromochloromethane	4.230	128	96417	49.580	ug/L	98
25) Chloroform	4.359	83	305328	48.713	ug/L	100

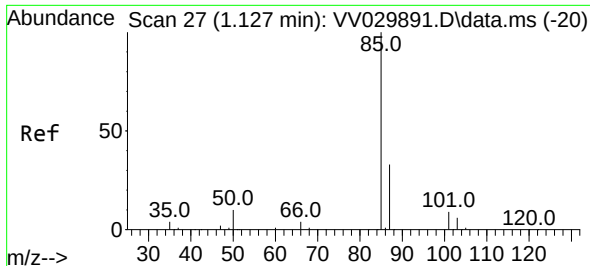
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011823\
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 Quant Title : VOC Analysis
 QLast Update : Thu Jan 19 00:40:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.114	62	209840	48.488	ug/L	98
29) Cyclohexane	4.664	56	246634	51.671	ug/L	98
30) 1,1,1-Trichloroethane	4.593	97	263988	49.946	ug/L	99
31) Carbon tetrachloride	4.812	117	221856	49.492	ug/L	100
33) Benzene	5.085	78	698893	51.109	ug/L	100
34) Trichloroethene	5.902	95	170755	49.598	ug/L	98
35) Methylcyclohexane	6.117	83	285541	51.342	ug/L	99
37) 1,2-Dichloropropane	6.159	63	179106	50.410	ug/L	98
38) Bromodichloromethane	6.497	83	228603	49.529	ug/L	100
39) cis-1,3-Dichloropropene	7.014	75	256655	51.113	ug/L	100
40) 4-Methyl-2-pentanone	7.214	43	398202	101.289	ug/L	99
42) Toluene	7.374	91	741510	50.784	ug/L	98
44) trans-1,3-Dichloropropene	7.638	75	240900	51.284	ug/L	98
45) 1,1,2-Trichloroethane	7.825	97	179354	49.904	ug/L	99
46) Tetrachloroethene	7.963	164	142279	50.099	ug/L	98
48) 2-Hexanone	8.130	43	320296	99.339	ug/L	99
49) Dibromochloromethane	8.233	129	184401	49.294	ug/L	99
50) 1,2-Dibromoethane	8.339	107	179305	49.820	ug/L	98
51) Chlorobenzene	8.870	112	490961	48.930	ug/L	100
52) Ethylbenzene	8.998	91	799335	50.089	ug/L	99
53) m,p-Xylene	9.127	106	316916	50.012	ug/L	99
54) o-Xylene	9.532	106	324382	52.872	ug/L	100
55) Styrene	9.548	104	595072	53.781	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.226	83	289727	48.001	ug/L	99
59) Bromoform	9.718	173	137553	50.889	ug/L	98
60) Isopropylbenzene	9.918	105	865187	53.218	ug/L	99
61) 1,2,3-Trichloropropane	10.259	75	214022	48.222	ug/L	100
62) 1,3,5-Trimethylbenzene	10.525	105	719338	52.699	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	699350	51.404	ug/L	100
64) 1,3-Dichlorobenzene	11.169	146	402744	49.036	ug/L	99
65) 1,4-Dichlorobenzene	11.259	146	413611	48.608	ug/L	100
67) 1,2-Dichlorobenzene	11.628	146	406067	49.111	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.413	75	53865	45.418	ug/L	98
69) 1,3,5-Trichlorobenzene	12.631	180	310818	48.609	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	275166	48.755	ug/L	99
71) Naphthalene	13.487	128	717471	47.267	ug/L	100
72) 1,2,3-Trichlorobenzene	13.728	180	271078	49.286	ug/L	100

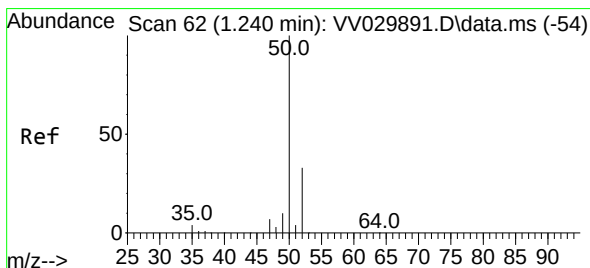
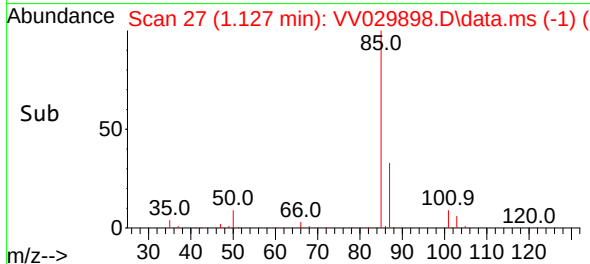
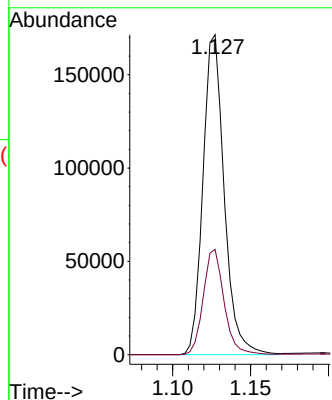
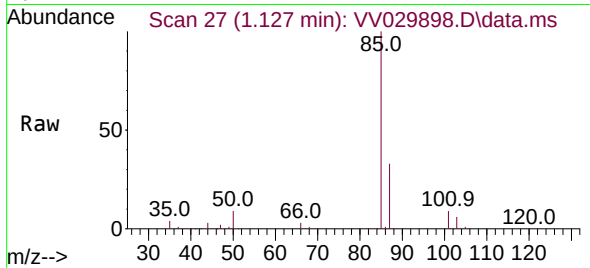
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#2
 Dichlorodifluoromethane
 Concen: 48.260 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029898.D
 Acq: 18 Jan 2023 15:12

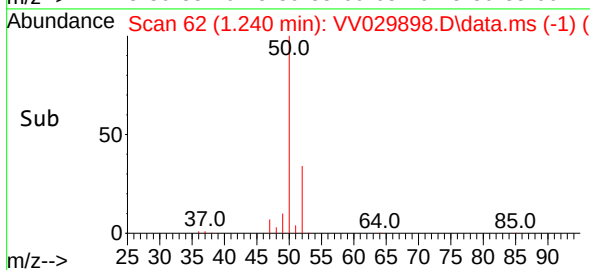
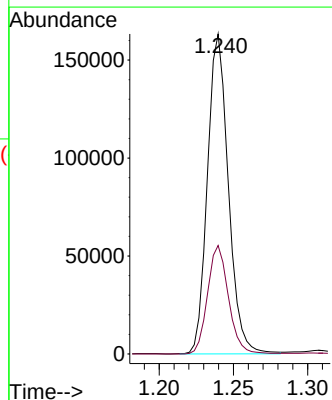
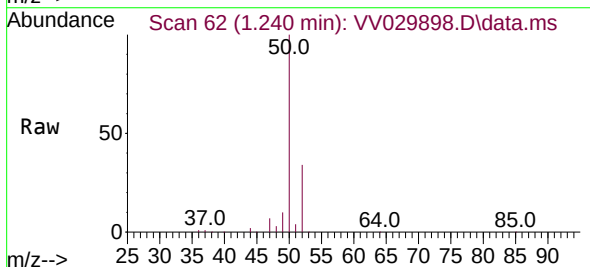
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050399

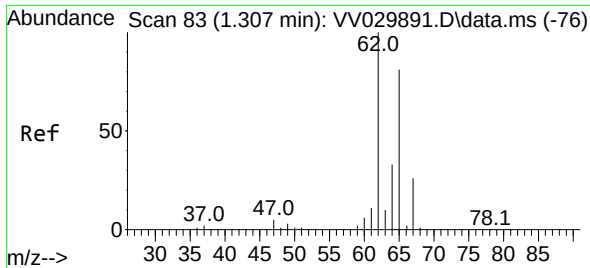
Tgt Ion: 85 Resp: 162864
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.2 39.4



#3
 Chloromethane
 Concen: 46.578 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029898.D
 Acq: 18 Jan 2023 15:12

Tgt Ion: 50 Resp: 160028
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.4 43.4

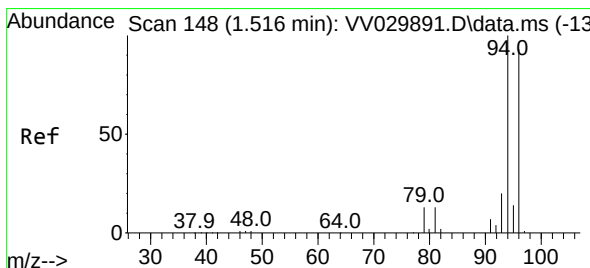
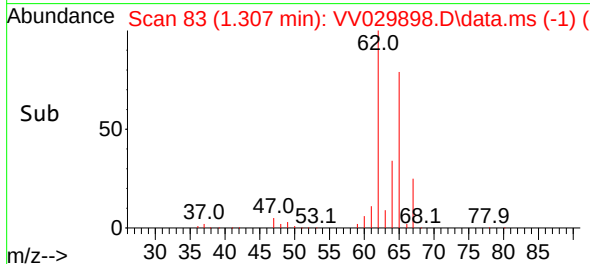
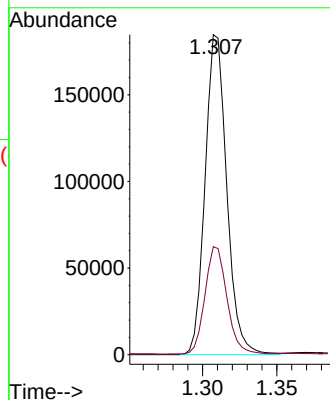
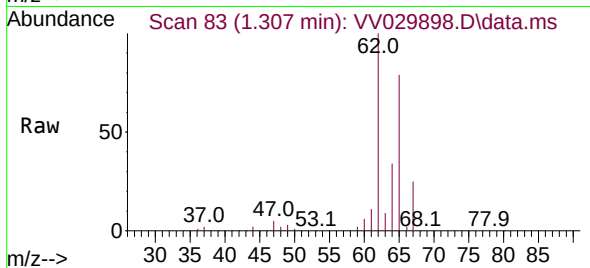




#5
 Vinyl chloride
 Concen: 47.372 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV029898.D
 Acq: 18 Jan 2023 15:12

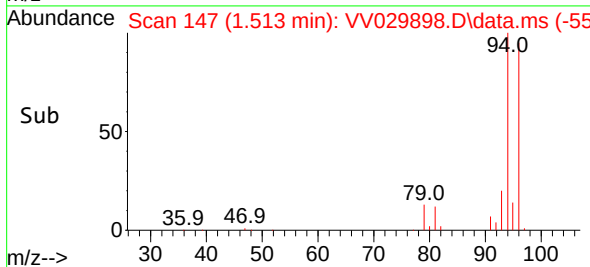
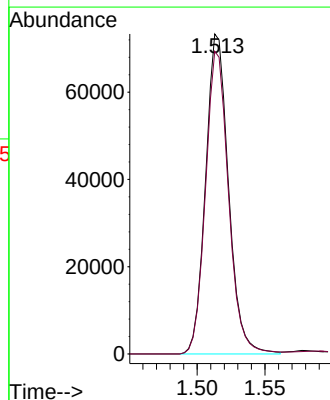
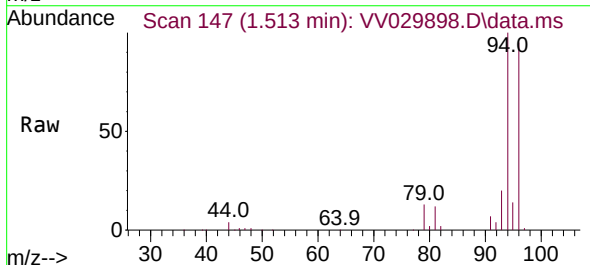
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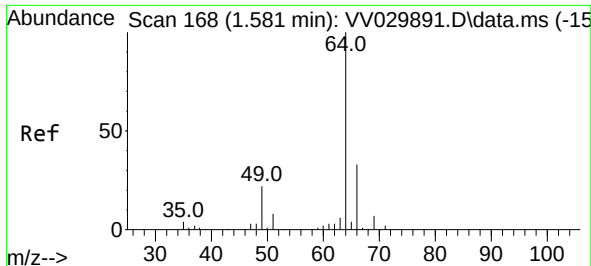
Tgt Ion: 62 Resp: 187302
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.0 42.8



#6
 Bromomethane
 Concen: 51.462 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.003 min
 Lab File: VV029898.D
 Acq: 18 Jan 2023 15:12

Tgt Ion: 94 Resp: 86364
 Ion Ratio Lower Upper
 94 100
 96 94.6 64.8 120.4

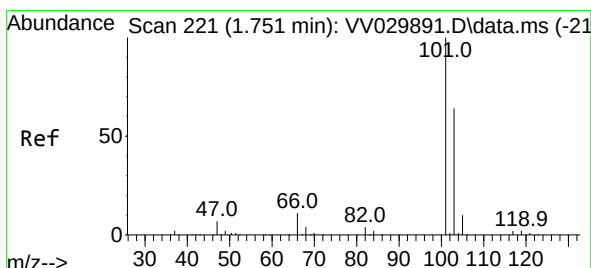
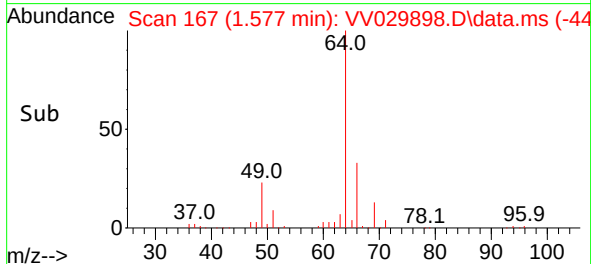
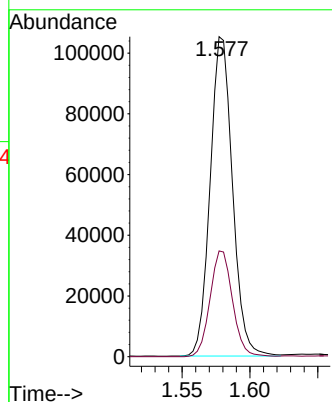
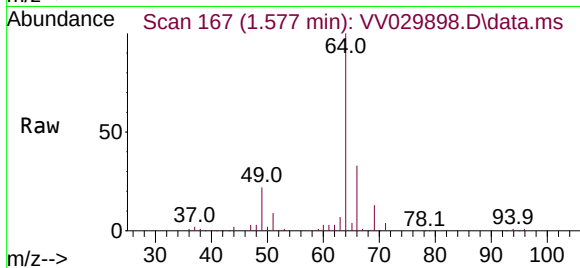




#8
Chloroethane
Concen: 47.681 ug/L
RT: 1.577 min Scan# 11
Delta R.T. -0.004 min
Lab File: VV029898.D
Acq: 18 Jan 2023 15:12

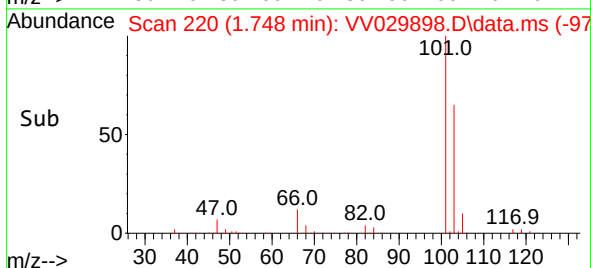
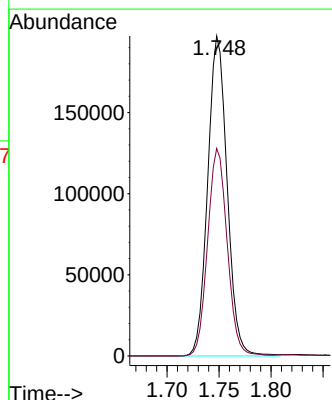
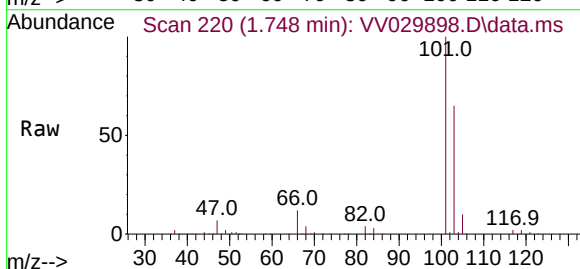
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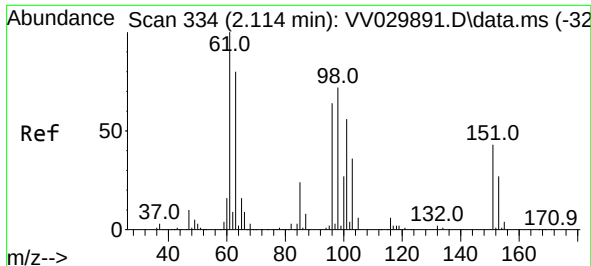
Tgt Ion: 64 Resp: 120494
Ion Ratio Lower Upper
64 100
66 33.1 23.1 42.9



#9
Trichlorofluoromethane
Concen: 48.011 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV029898.D
Acq: 18 Jan 2023 15:12

Tgt Ion:101 Resp: 256041
Ion Ratio Lower Upper
101 100
103 65.3 51.3 76.9

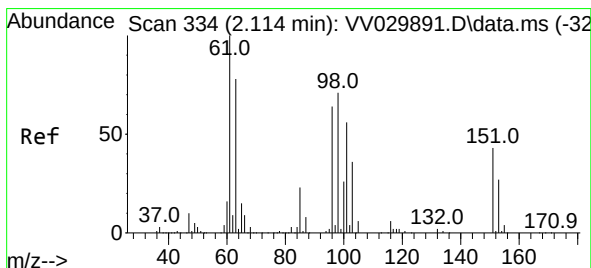
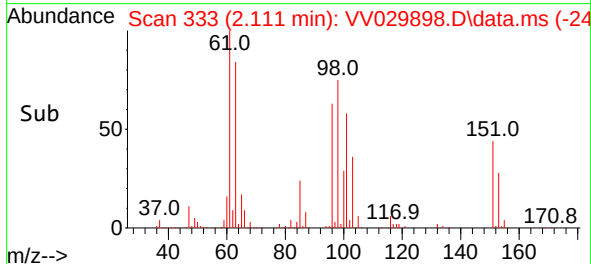
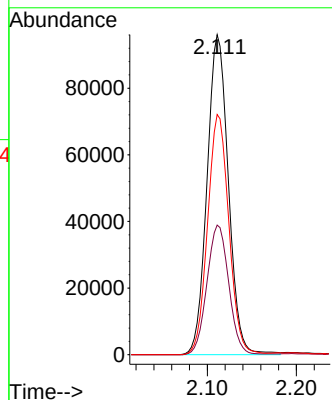
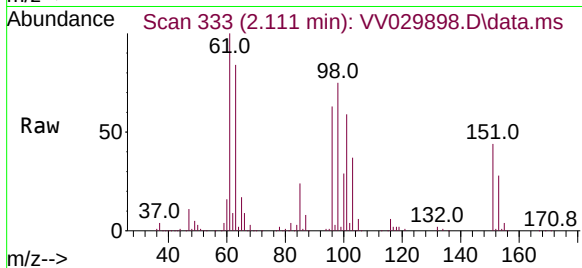




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.686 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV029898.D
 Acq: 18 Jan 2023 15:12

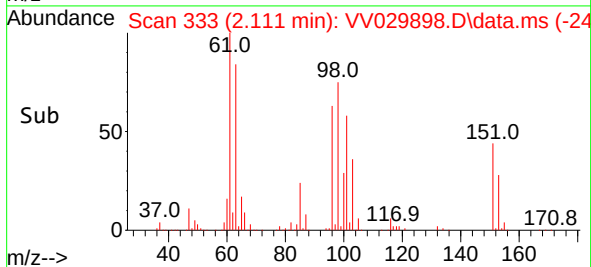
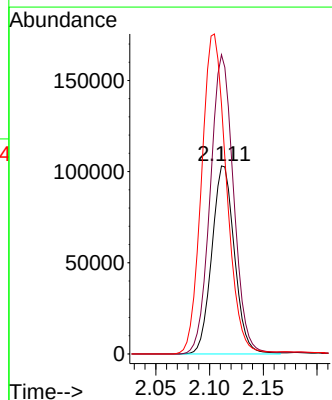
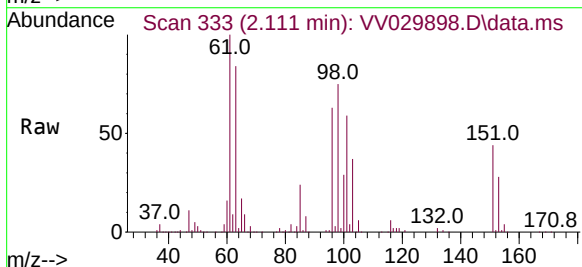
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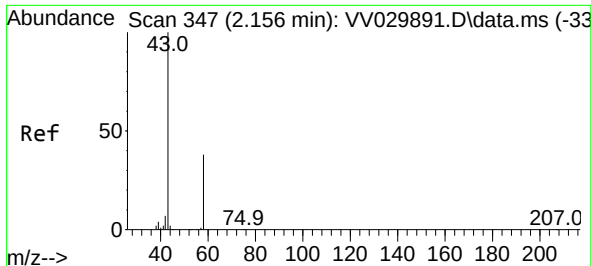
Tgt Ion:101 Resp: 159713
 Ion Ratio Lower Upper
 101 100
 85 41.3 33.7 50.5
 151 74.8 61.0 91.4



#12
 1,1-Dichloroethene
 Concen: 47.579 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV029898.D
 Acq: 18 Jan 2023 15:12

Tgt Ion: 96 Resp: 150586
 Ion Ratio Lower Upper
 96 100
 61 159.1 110.2 204.6
 63 132.9 88.6 164.6





#13

Acetone

Concen: 77.694 ug/L

RT: 2.150 min Scan# 34

Delta R.T. -0.006 min

Lab File: VV029898.D

Acq: 18 Jan 2023 15:12

Instrument :

MSVOA_V

ClientSampleId :

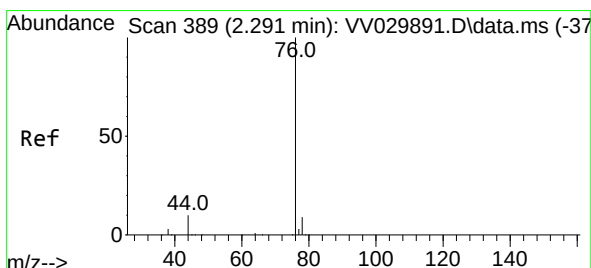
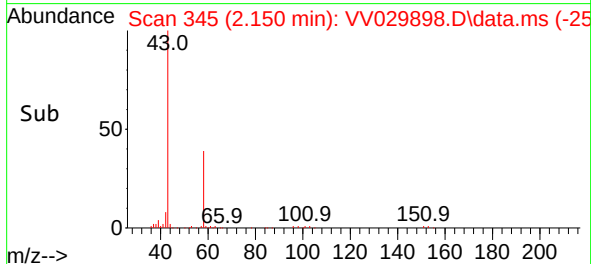
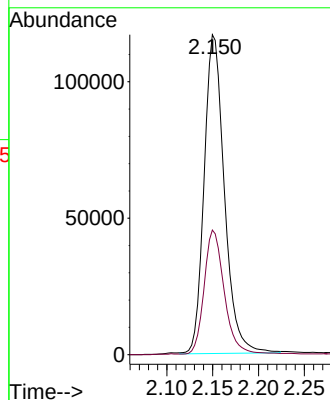
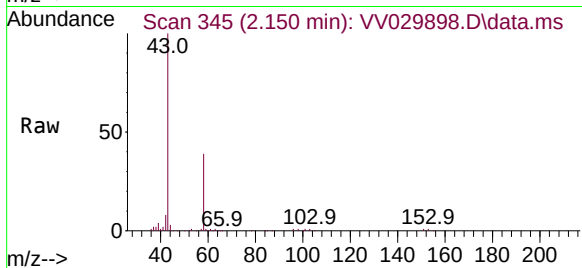
VSTD050399

Tgt Ion: 43 Resp: 179591

Ion Ratio Lower Upper

43 100

58 38.7 0.0 76.0



#14

Carbon disulfide

Concen: 47.847 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.003 min

Lab File: VV029898.D

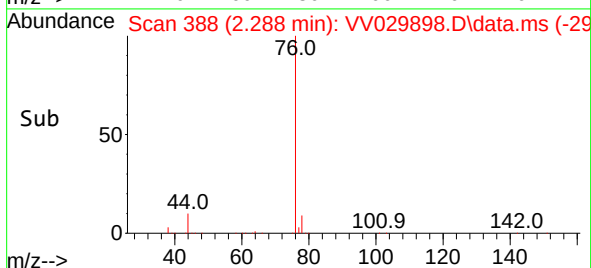
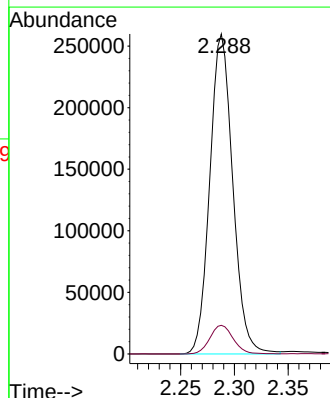
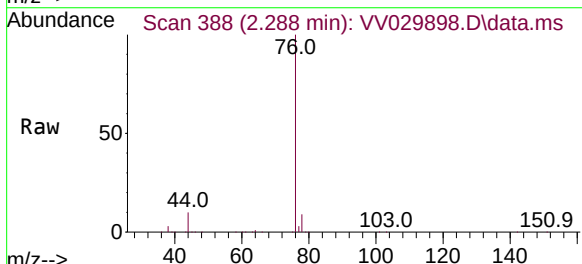
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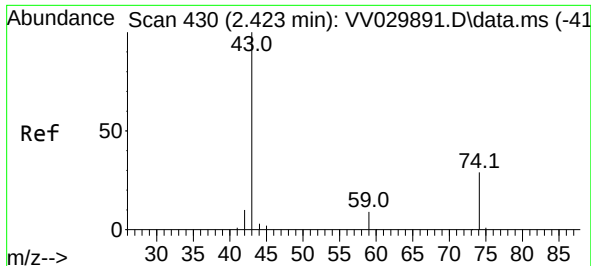
Tgt Ion: 76 Resp: 386520

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

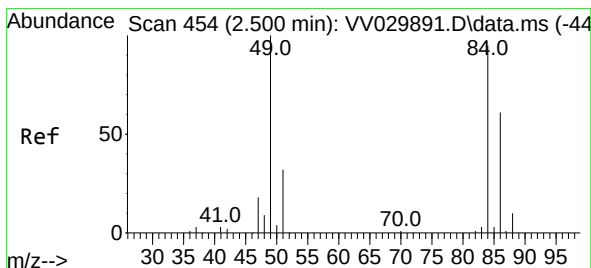
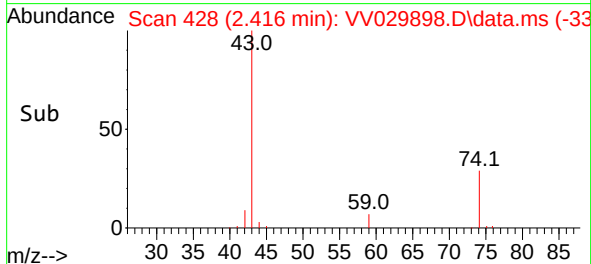
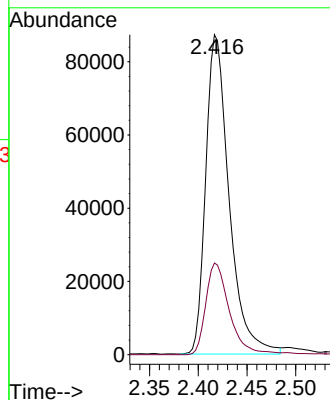
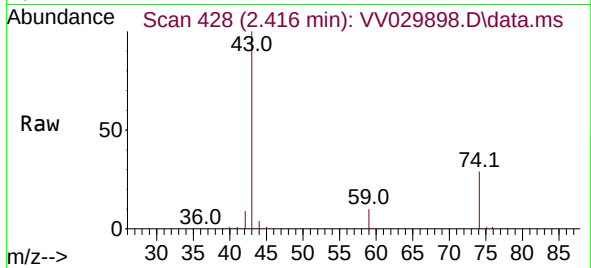




#15
Methyl Acetate
Concen: 48.756 ug/L
RT: 2.416 min Scan# 41
Delta R.T. -0.007 min
Lab File: VV029898.D
Acq: 18 Jan 2023 15:12

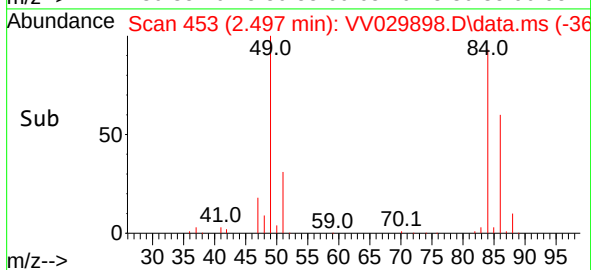
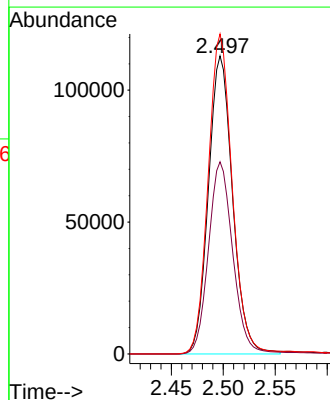
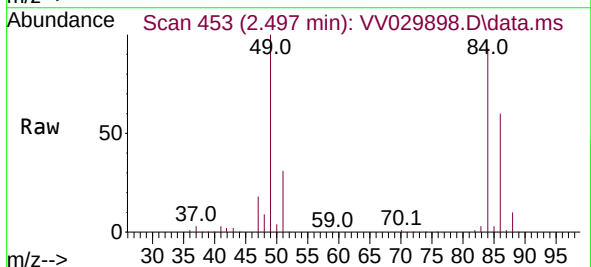
Instrument :
MSVOA_V
ClientSampleId :
VSTD050399

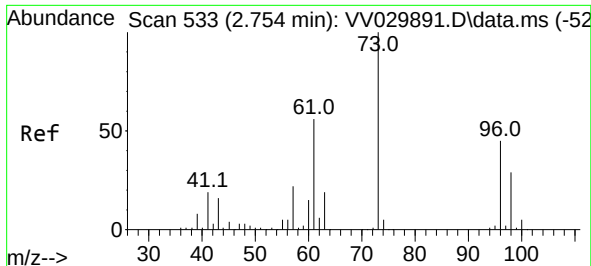
Tgt Ion: 43 Resp: 145782
Ion Ratio Lower Upper
43 100
74 28.9 23.3 34.9



#16
Methylene chloride
Concen: 48.445 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.003 min
Lab File: VV029898.D
Acq: 18 Jan 2023 15:12

Tgt Ion: 84 Resp: 182928
Ion Ratio Lower Upper
84 100
86 64.5 45.3 84.1
49 107.4 74.1 137.5

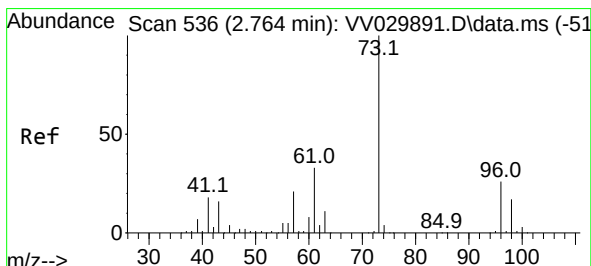
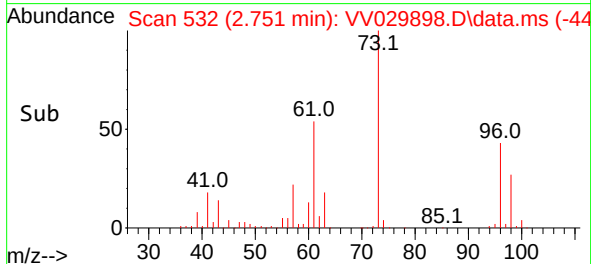
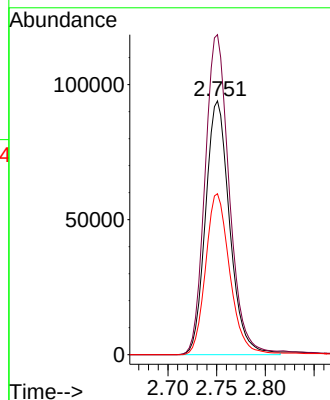
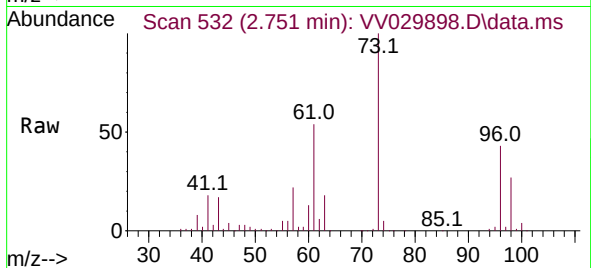




#17
trans-1,2-Dichloroethene
Concen: 48.877 ug/L
RT: 2.751 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV029898.D
Acq: 18 Jan 2023 15:12

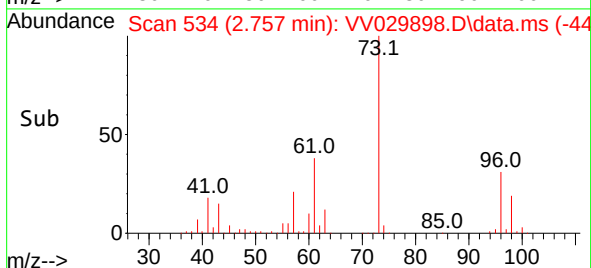
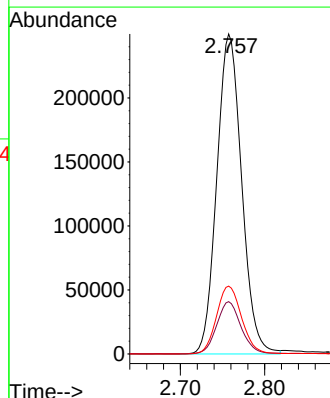
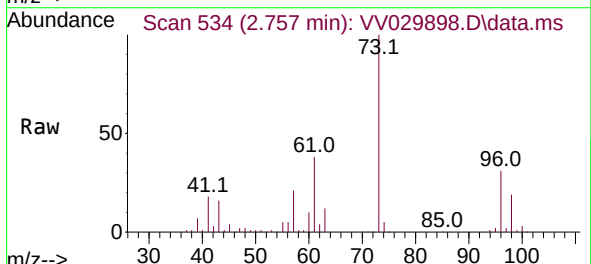
Instrument :
MSVOA_V
ClientSampleId :
VSTD050399

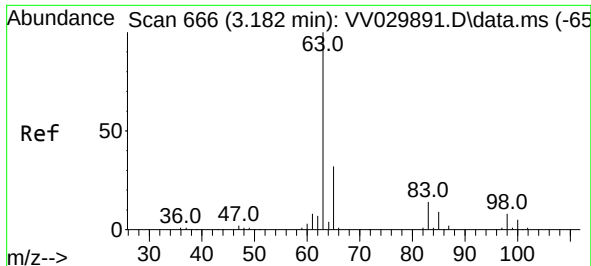
Tgt Ion: 96 Resp: 162223
Ion Ratio Lower Upper
96 100
61 126.1 86.9 161.5
98 63.4 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 49.265 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.007 min
Lab File: VV029898.D
Acq: 18 Jan 2023 15:12

Tgt Ion: 73 Resp: 511236
Ion Ratio Lower Upper
73 100
43 15.9 12.8 19.2
57 21.5 17.1 25.7





#19

1,1-Dichloroethane

Concen: 48.613 ug/L

RT: 3.175 min Scan# 6

Delta R.T. -0.007 min

Lab File: VV029898.D

Acq: 18 Jan 2023 15:12

Instrument :

MSVOA_V

ClientSampleId :

VSTD050399

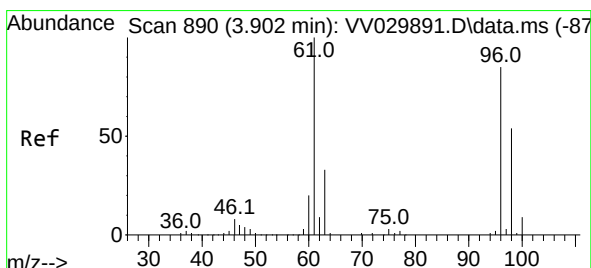
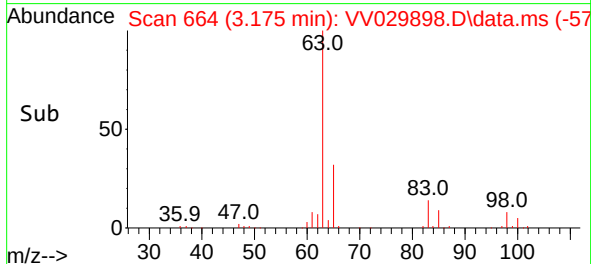
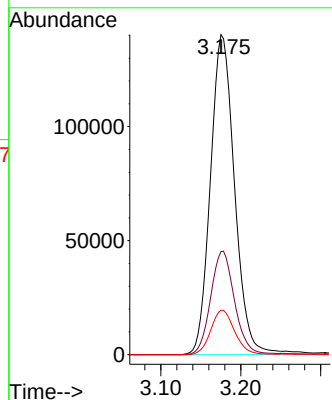
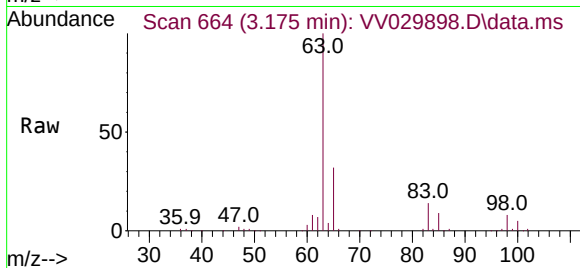
Tgt Ion: 63 Resp: 293308

Ion Ratio Lower Upper

63 100

65 32.3 22.3 41.3

83 13.9 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 49.877 ug/L

RT: 3.896 min Scan# 888

Delta R.T. -0.006 min

Lab File: VV029898.D

Acq: 18 Jan 2023 15:12

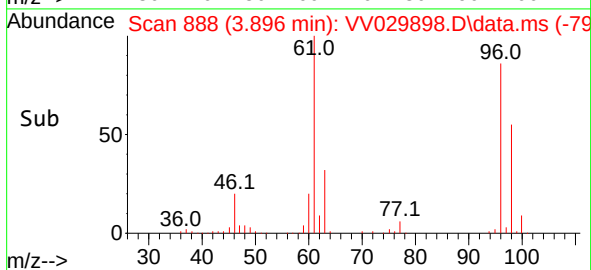
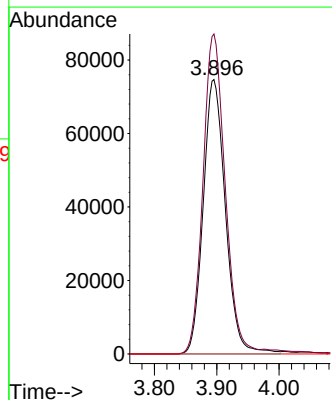
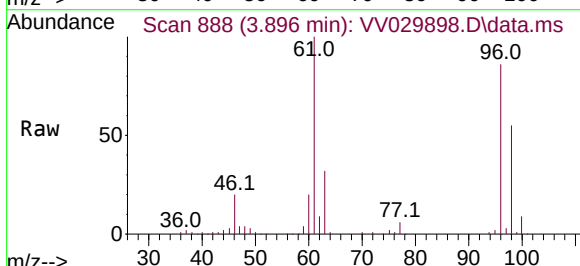
Tgt Ion: 96 Resp: 185308

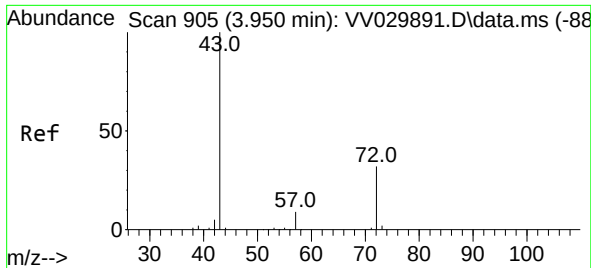
Ion Ratio Lower Upper

96 100

61 116.6 82.5 153.3

68 0.0 0.0 0.0

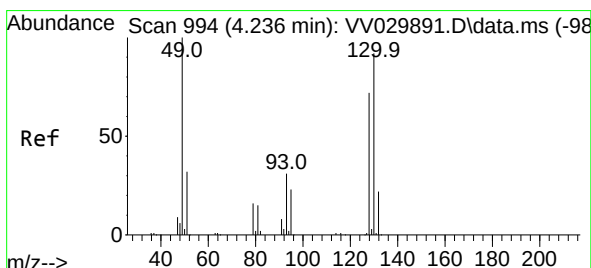
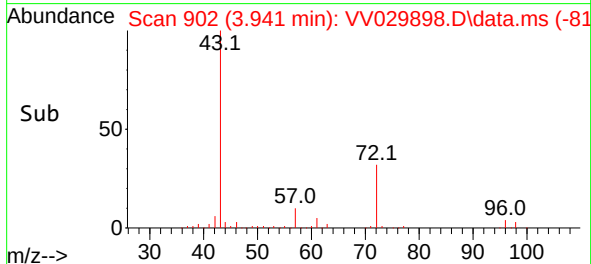
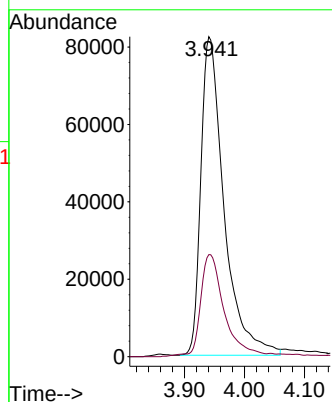
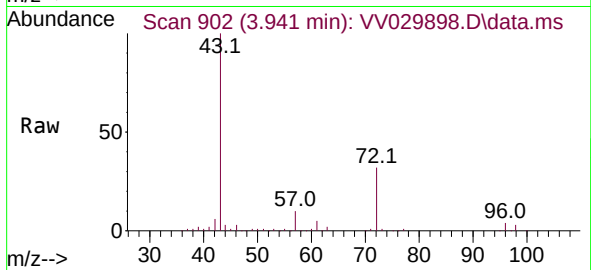




#22
2-Butanone
Concen: 92.567 ug/L
RT: 3.941 min Scan# 905
Delta R.T. -0.009 min
Lab File: VV029898.D
Acq: 18 Jan 2023 15:12

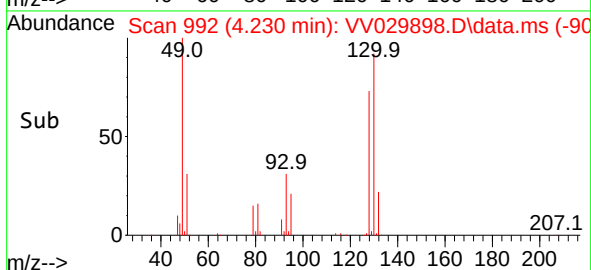
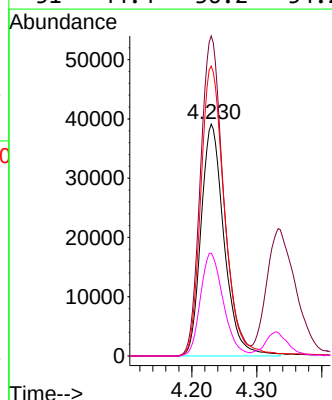
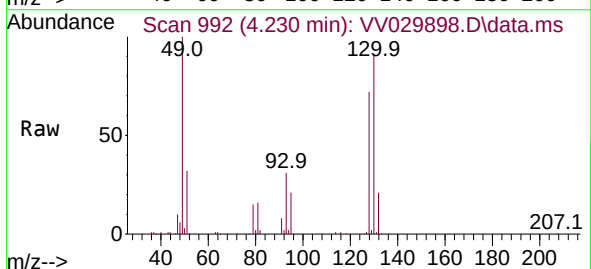
Instrument :
MSVOA_V
ClientSampleId :
VSTD050399

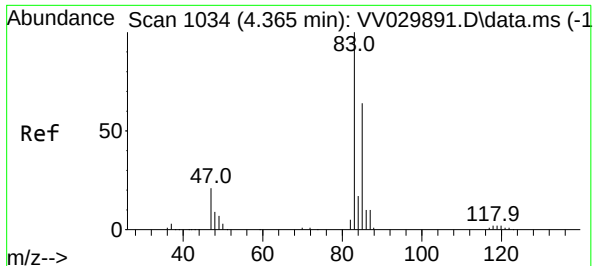
Tgt Ion: 43 Resp: 221325
Ion Ratio Lower Upper
43 100
72 30.7 15.4 46.4



#23
Bromochloromethane
Concen: 49.580 ug/L
RT: 4.230 min Scan# 992
Delta R.T. -0.006 min
Lab File: VV029898.D
Acq: 18 Jan 2023 15:12

Tgt Ion: 128 Resp: 96417
Ion Ratio Lower Upper
128 100
49 138.0 97.3 180.7
130 125.0 89.7 166.5
51 44.4 36.2 54.2





#25

Chloroform

Concen: 48.713 ug/L

RT: 4.359 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VV029898.D

Acq: 18 Jan 2023 15:12

Instrument :

MSVOA_V

ClientSampleId :

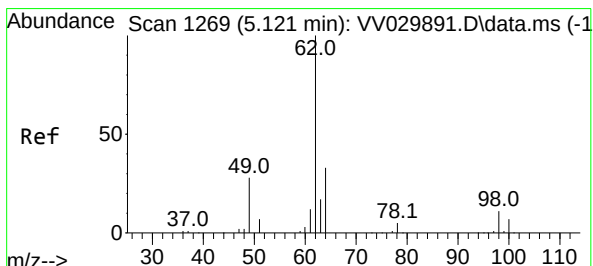
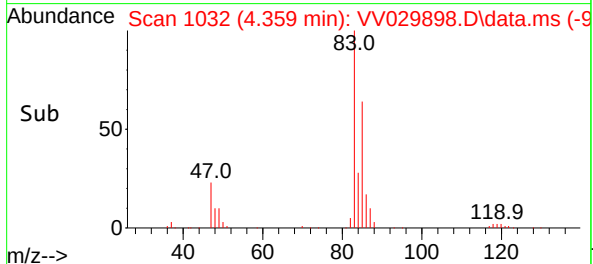
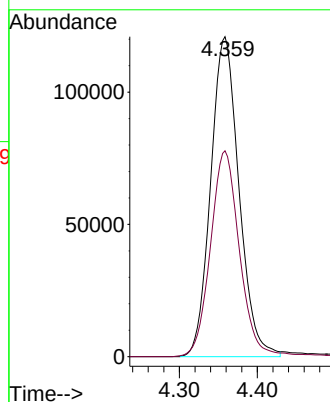
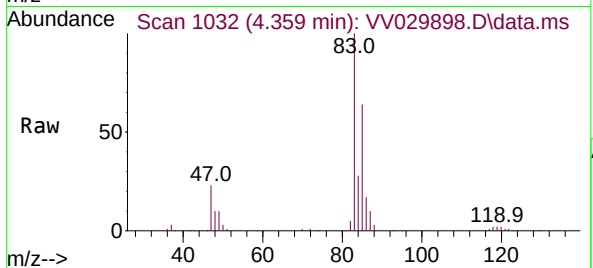
VSTD050399

Tgt Ion: 83 Resp: 305328

Ion Ratio Lower Upper

83 100

85 64.3 44.8 83.2



#27

1,2-Dichloroethane

Concen: 48.488 ug/L

RT: 5.114 min Scan# 1267

Delta R.T. -0.007 min

Lab File: VV029898.D

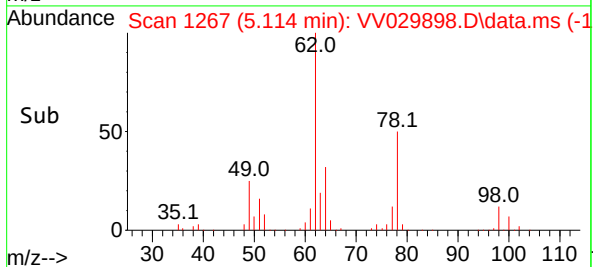
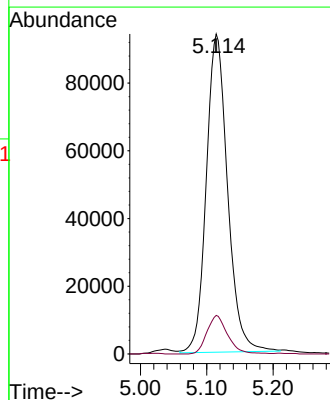
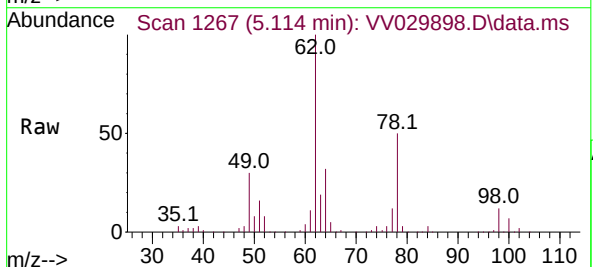
Acq: 18 Jan 2023 15:12

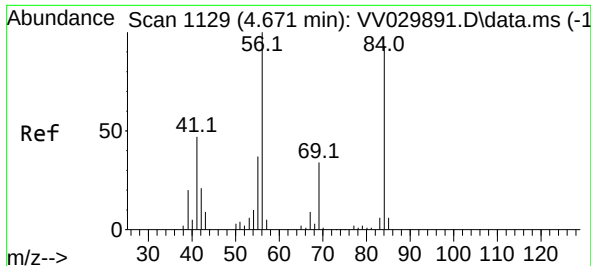
Tgt Ion: 62 Resp: 209840

Ion Ratio Lower Upper

62 100

98 12.0 9.0 13.4

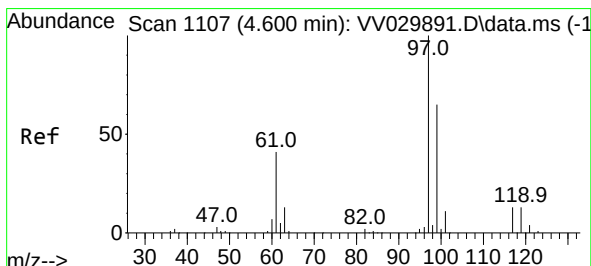
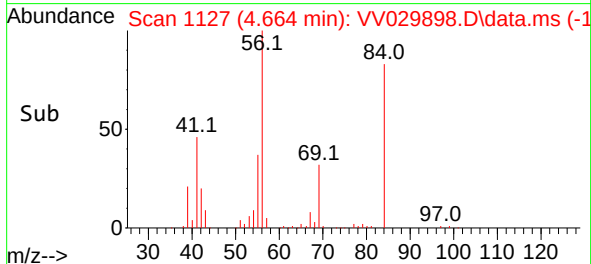
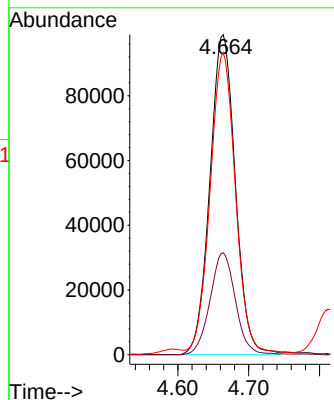
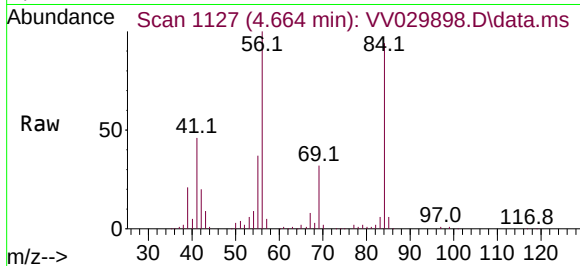




#29
Cyclohexane
Concen: 51.671 ug/L
RT: 4.664 min Scan# 1127
Delta R.T. -0.007 min
Lab File: VV029898.D
Acq: 18 Jan 2023 15:12

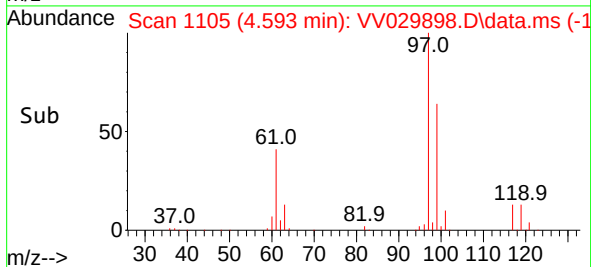
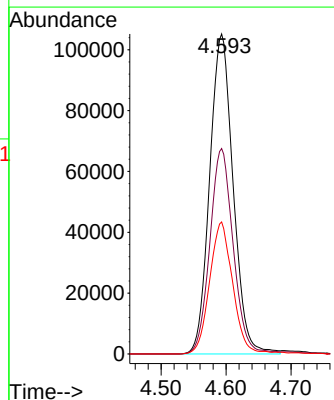
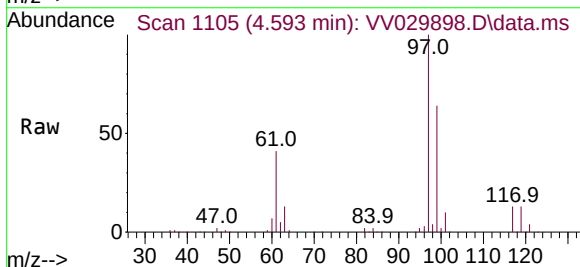
Instrument :
MSVOA_V
ClientSampleId :
VSTD050399

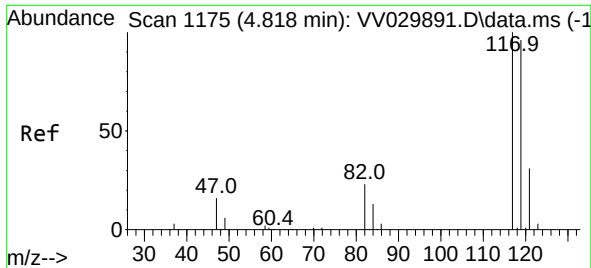
Tgt Ion: 56 Resp: 246634
Ion Ratio Lower Upper
56 100
69 31.6 26.2 39.4
84 91.8 74.7 112.1



#30
1,1,1-Trichloroethane
Concen: 49.946 ug/L
RT: 4.593 min Scan# 1105
Delta R.T. -0.007 min
Lab File: VV029898.D
Acq: 18 Jan 2023 15:12

Tgt Ion: 97 Resp: 263988
Ion Ratio Lower Upper
97 100
99 64.0 51.9 77.9
61 40.5 32.2 48.2

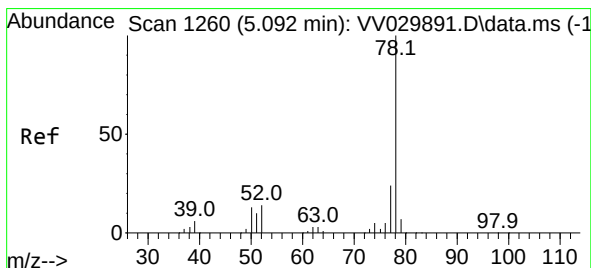
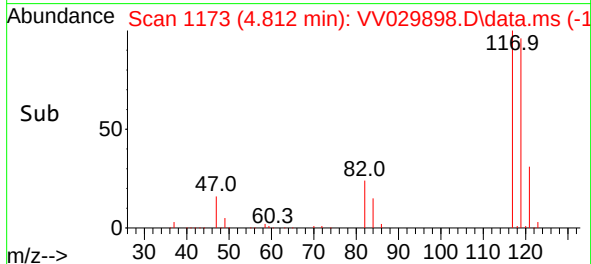
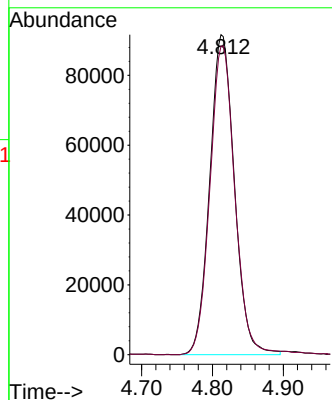
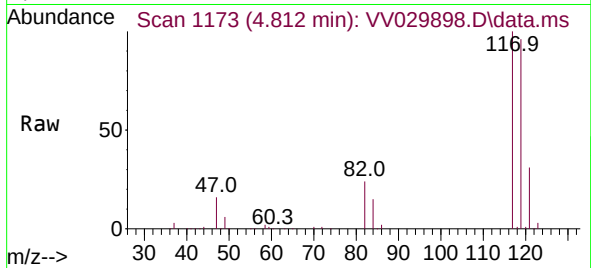




#31
Carbon tetrachloride
Concen: 49.492 ug/L
RT: 4.812 min Scan# 1175
Delta R.T. -0.006 min
Lab File: VV029898.D
Acq: 18 Jan 2023 15:12

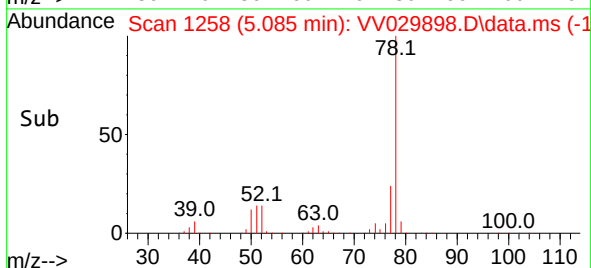
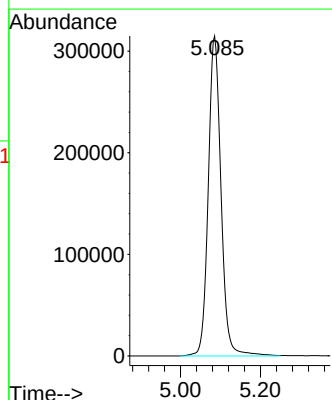
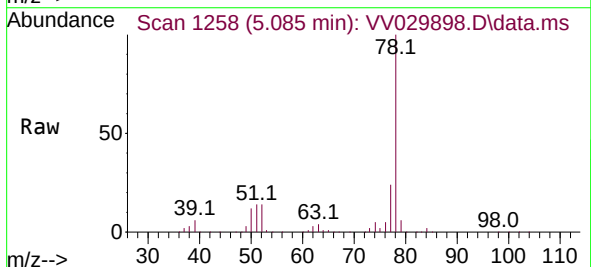
Instrument :
MSVOA_V
ClientSampleId :
VSTD050399

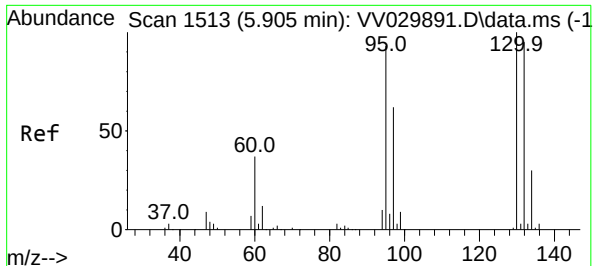
Tgt Ion:117 Resp: 221856
Ion Ratio Lower Upper
117 100
119 97.2 77.9 116.9



#33
Benzene
Concen: 51.109 ug/L
RT: 5.085 min Scan# 1258
Delta R.T. -0.007 min
Lab File: VV029898.D
Acq: 18 Jan 2023 15:12

Tgt Ion: 78 Resp: 698893





#34

Trichloroethene

Concen: 49.598 ug/L

RT: 5.902 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV029898.D

Acq: 18 Jan 2023 15:12

Instrument :

MSVOA_V

ClientSampleId :

VSTD050399

Tgt Ion: 95 Resp: 170755

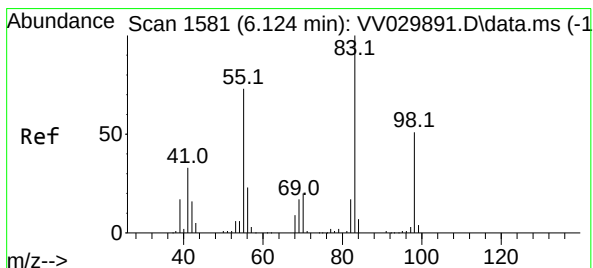
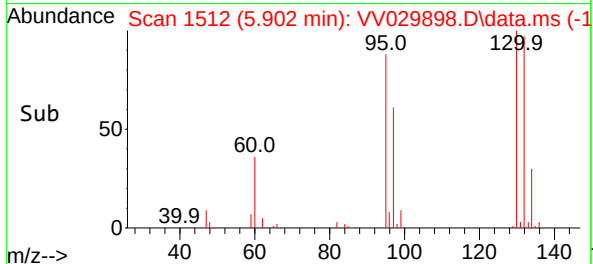
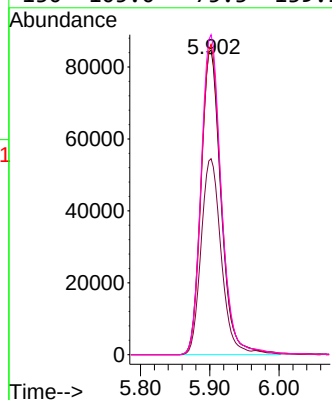
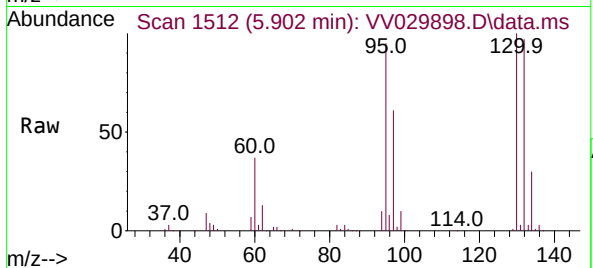
Ion Ratio Lower Upper

95 100

97 64.3 46.5 86.5

132 101.8 71.8 133.4

130 105.0 75.3 139.9



#35

Methylcyclohexane

Concen: 51.342 ug/L

RT: 6.117 min Scan# 1579

Delta R.T. -0.007 min

Lab File: VV029898.D

Acq: 18 Jan 2023 15:12

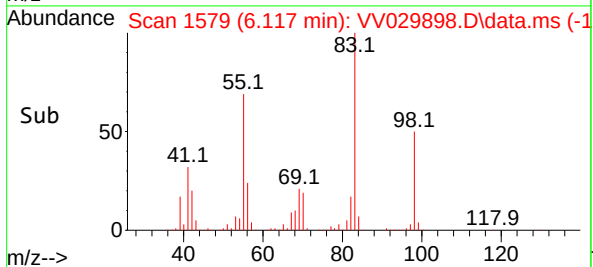
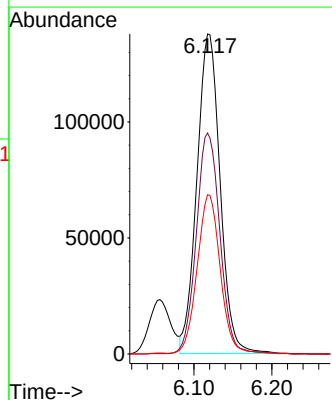
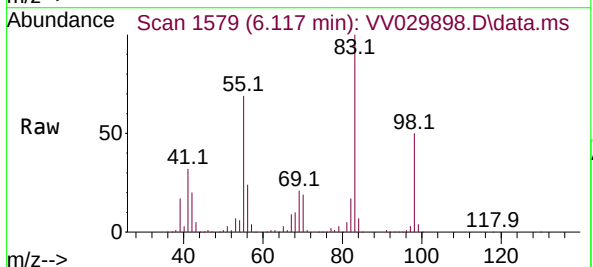
Tgt Ion: 83 Resp: 285541

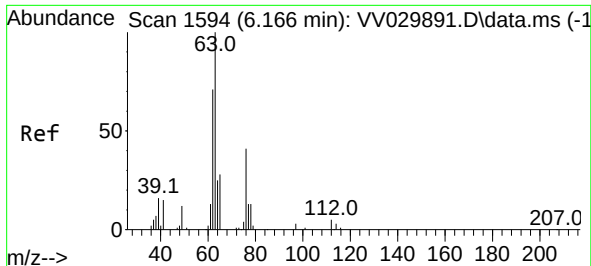
Ion Ratio Lower Upper

83 100

55 70.1 56.2 84.2

98 49.8 38.5 57.7





#37

1,2-Dichloropropane

Concen: 50.410 ug/L

RT: 6.159 min Scan# 1592

Delta R.T. -0.007 min

Lab File: VV029898.D

Acq: 18 Jan 2023 15:12

Instrument :

MSVOA_V

ClientSampleId :

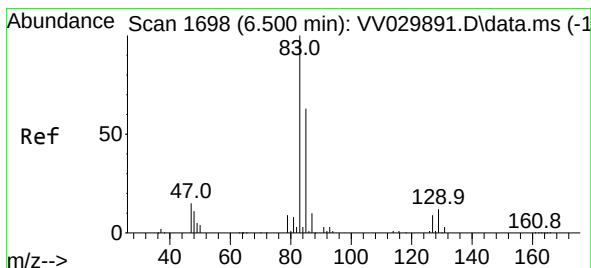
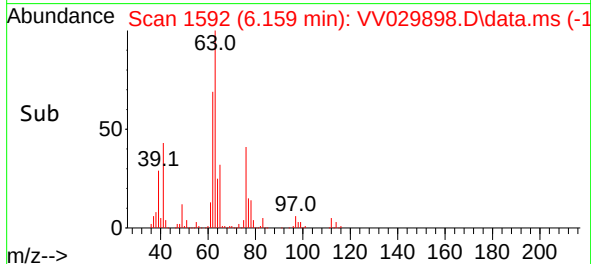
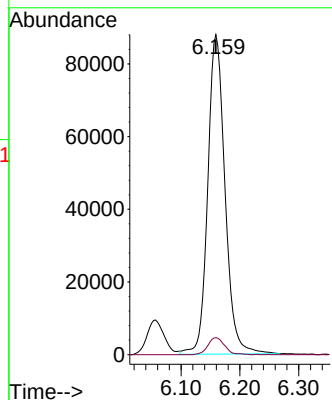
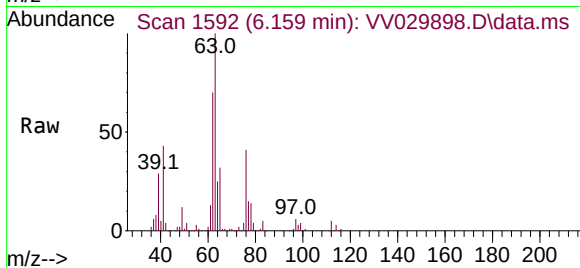
VSTD050399

Tgt Ion: 63 Resp: 179106

Ion Ratio Lower Upper

63 100

112 5.2 3.8 5.6



#38

Bromodichloromethane

Concen: 49.529 ug/L

RT: 6.497 min Scan# 1697

Delta R.T. -0.003 min

Lab File: VV029898.D

Acq: 18 Jan 2023 15:12

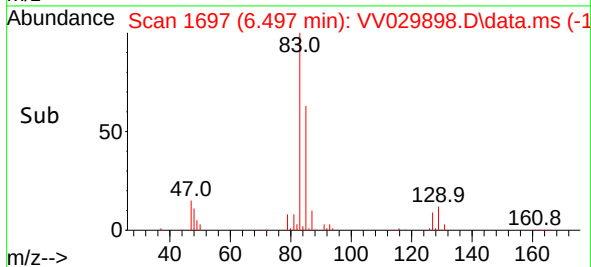
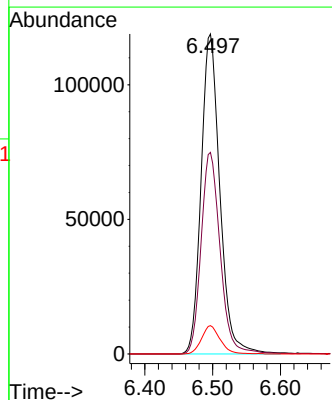
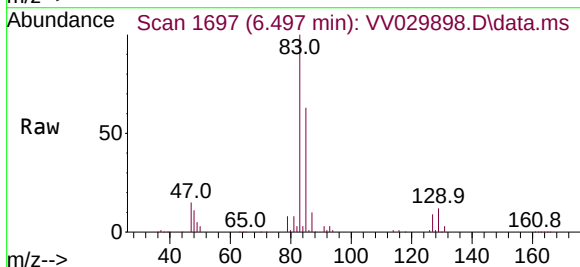
Tgt Ion: 83 Resp: 228603

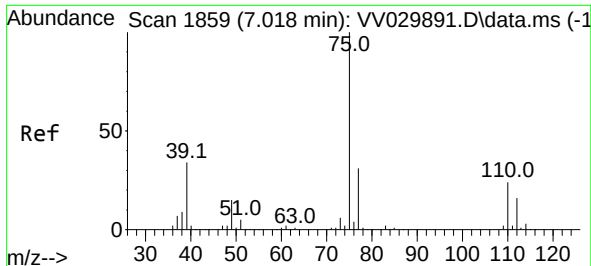
Ion Ratio Lower Upper

83 100

85 63.0 44.2 82.0

127 8.9 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 51.113 ug/L

RT: 7.014 min Scan# 11

Delta R.T. -0.004 min

Lab File: VV029898.D

Acq: 18 Jan 2023 15:12

Instrument :

MSVOA_V

ClientSampleId :

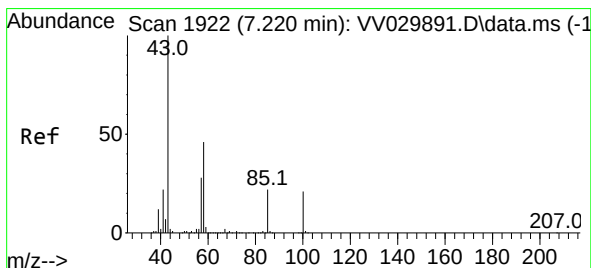
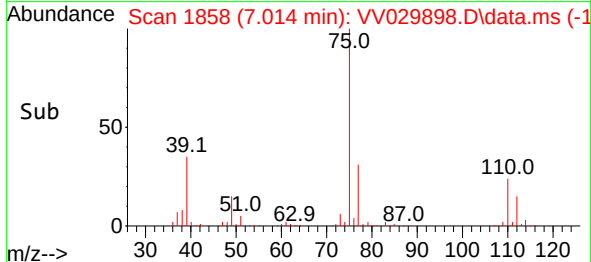
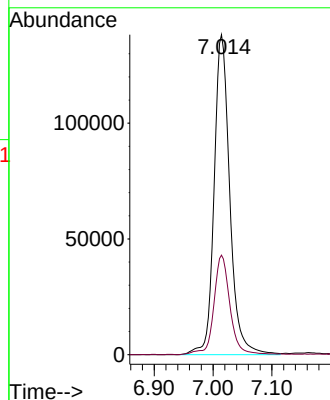
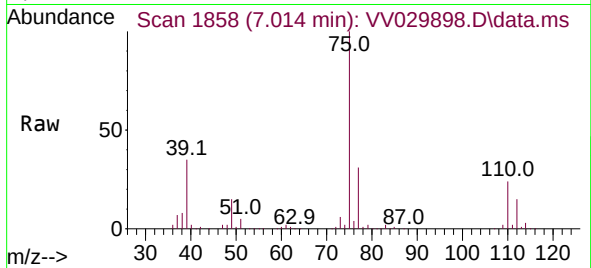
VSTD050399

Tgt Ion: 75 Resp: 256655

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 101.289 ug/L

RT: 7.214 min Scan# 1920

Delta R.T. -0.006 min

Lab File: VV029898.D

Acq: 18 Jan 2023 15:12

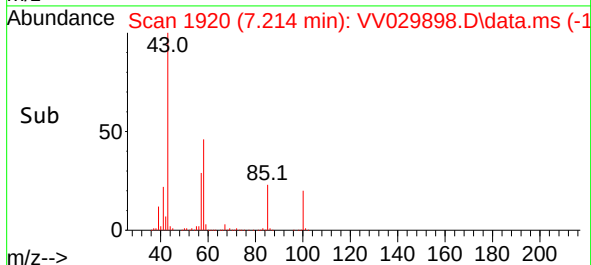
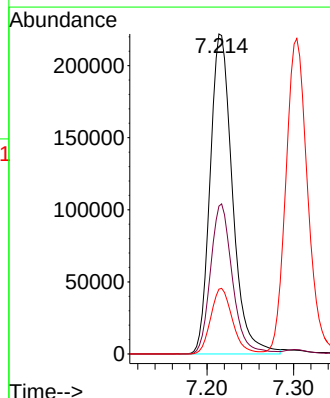
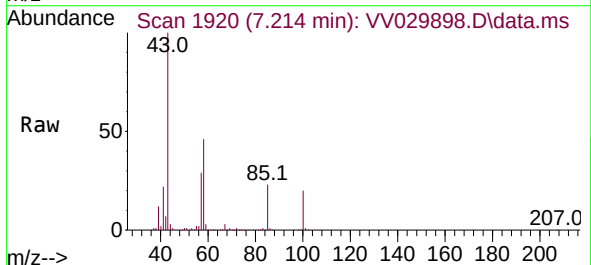
Tgt Ion: 43 Resp: 398202

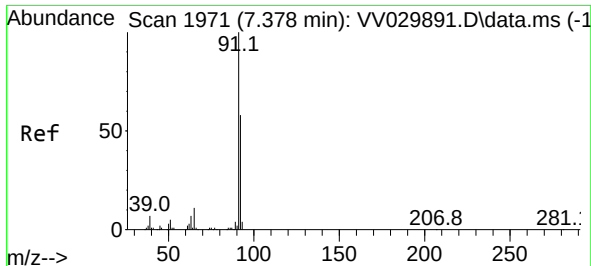
Ion Ratio Lower Upper

43 100

58 46.0 37.0 55.6

100 19.8 16.2 24.2





#42

Toluene

Concen: 50.784 ug/L

RT: 7.374 min Scan# 1971

Delta R.T. -0.004 min

Lab File: VV029898.D

Acq: 18 Jan 2023 15:12

Instrument :

MSVOA_V

ClientSampleId :

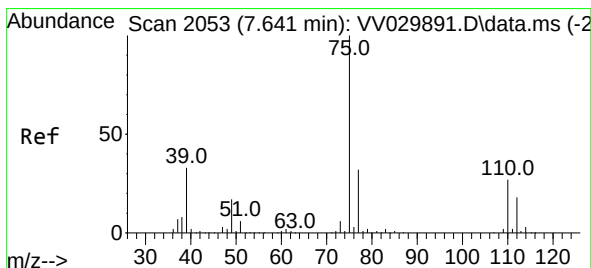
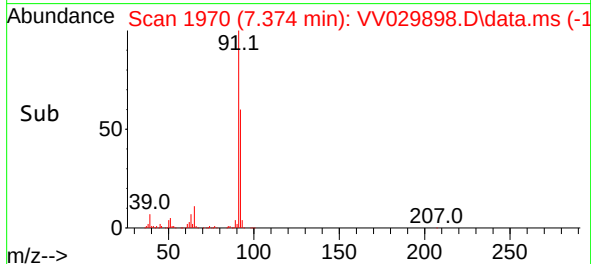
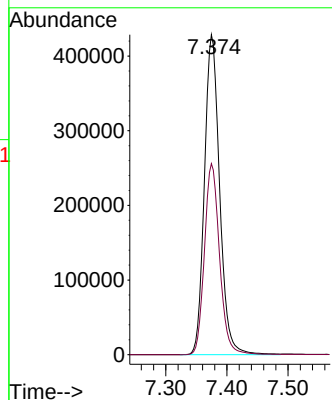
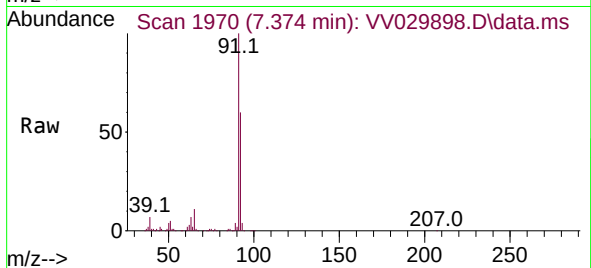
VSTD050399

Tgt Ion: 91 Resp: 741510

Ion Ratio Lower Upper

91 100

92 59.7 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 51.284 ug/L

RT: 7.638 min Scan# 2052

Delta R.T. -0.003 min

Lab File: VV029898.D

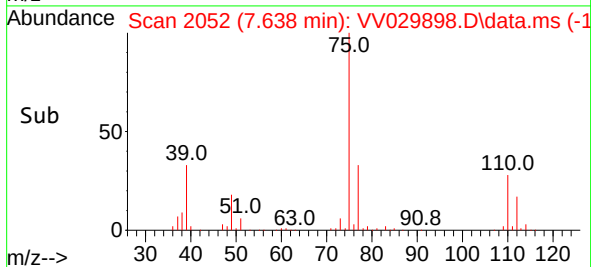
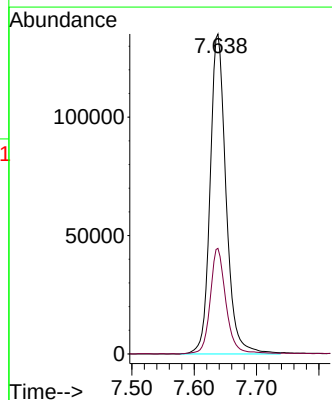
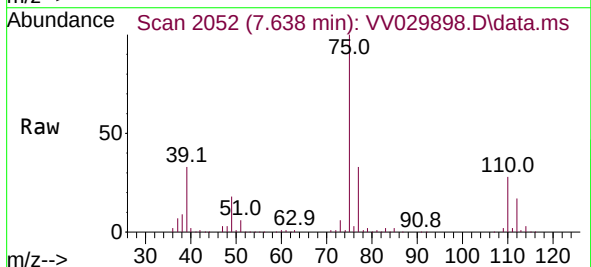
Acq: 18 Jan 2023 15:12

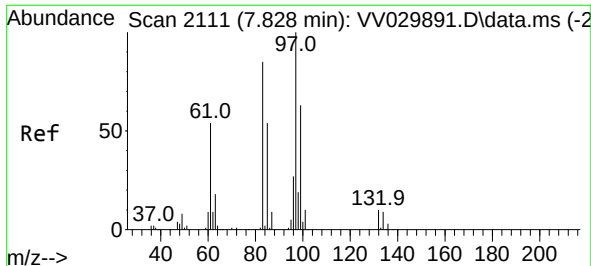
Tgt Ion: 75 Resp: 240900

Ion Ratio Lower Upper

75 100

77 33.0 22.4 41.6

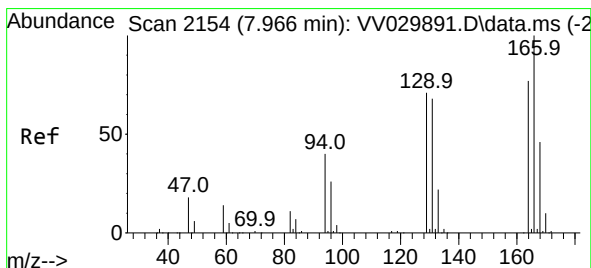
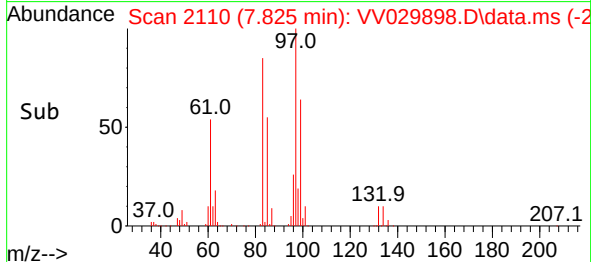
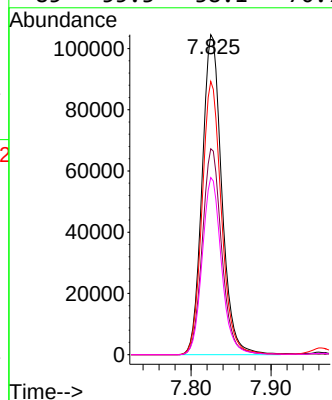
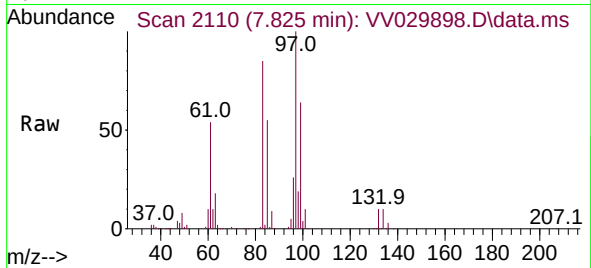




#45
1,1,2-Trichloroethane
Concen: 49.904 ug/L
RT: 7.825 min Scan# 2111
Delta R.T. -0.003 min
Lab File: VV029898.D
Acq: 18 Jan 2023 15:12

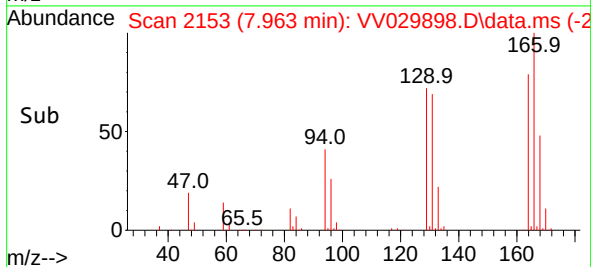
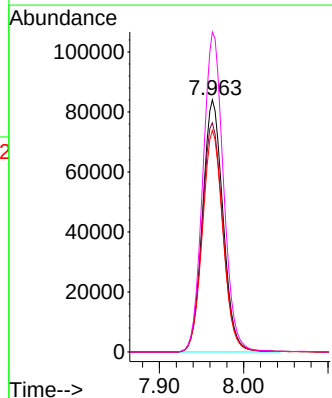
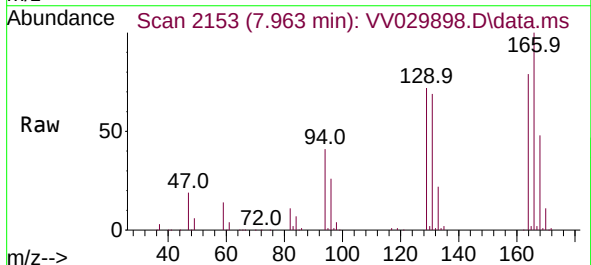
Instrument :
MSVOA_V
ClientSampleId :
VSTD050399

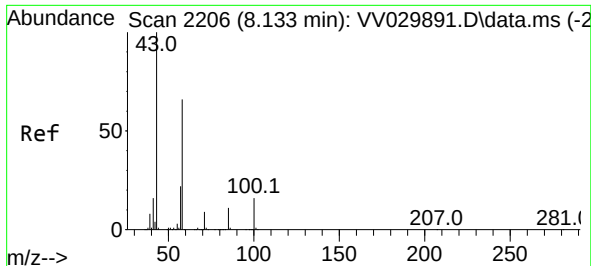
Tgt Ion:	97	Resp:	179354
Ion	Ratio	Lower	Upper
97	100		
99	64.3	43.9	81.5
83	85.4	59.5	110.5
85	55.3	38.1	70.7



#46
Tetrachloroethene
Concen: 50.099 ug/L
RT: 7.963 min Scan# 2153
Delta R.T. -0.003 min
Lab File: VV029898.D
Acq: 18 Jan 2023 15:12

Tgt Ion:	164	Resp:	142279
Ion	Ratio	Lower	Upper
164	100		
129	90.9	64.6	120.0
131	87.9	61.8	114.8
166	126.9	90.9	168.9

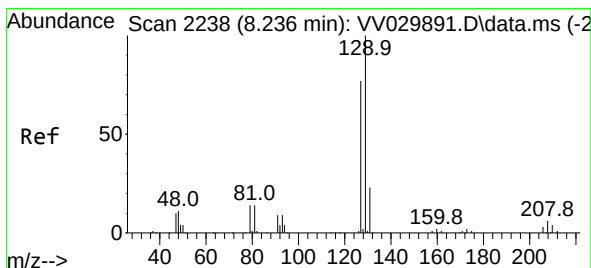
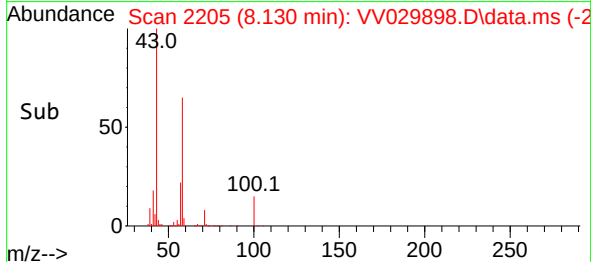
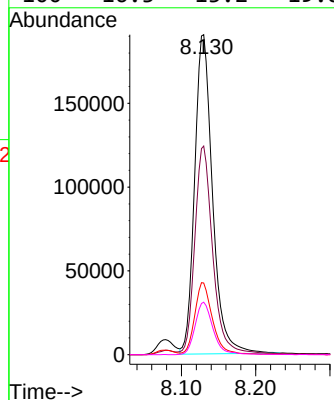
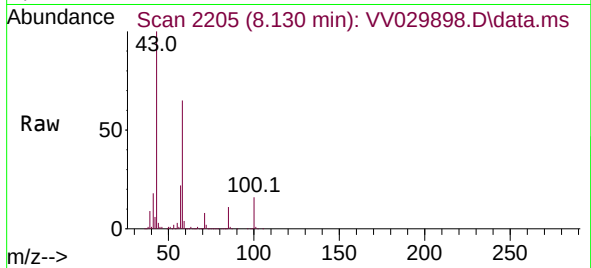




#48
2-Hexanone
Concen: 99.339 ug/L
RT: 8.130 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV029898.D
Acq: 18 Jan 2023 15:12

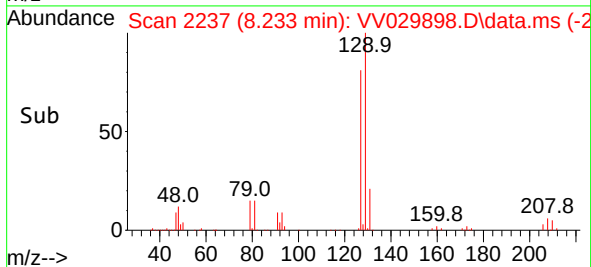
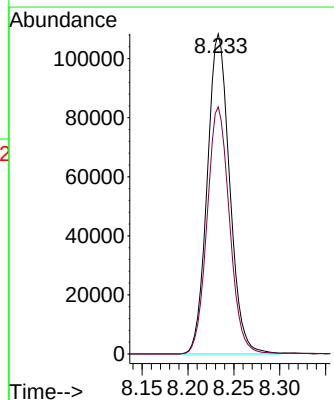
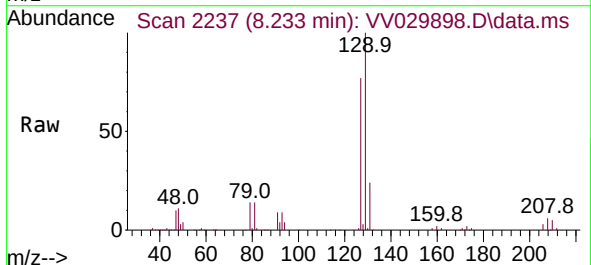
Instrument :
MSVOA_V
ClientSampleId :
VSTD050399

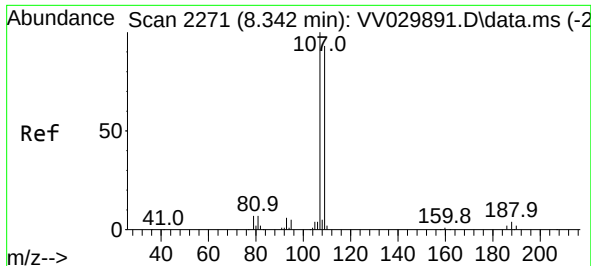
Tgt Ion: 43 Resp: 320296
Ion Ratio Lower Upper
43 100
58 65.6 53.2 79.8
57 21.8 17.6 26.4
100 16.3 13.2 19.8



#49
Dibromochloromethane
Concen: 49.294 ug/L
RT: 8.233 min Scan# 2237
Delta R.T. -0.003 min
Lab File: VV029898.D
Acq: 18 Jan 2023 15:12

Tgt Ion: 129 Resp: 184401
Ion Ratio Lower Upper
129 100
127 77.2 53.5 99.5

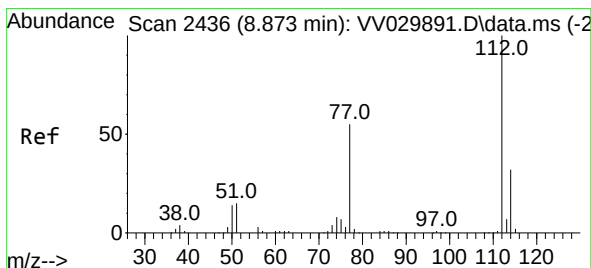
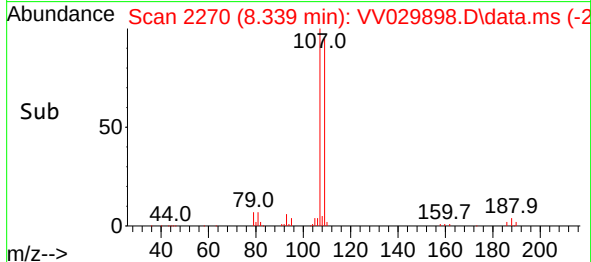
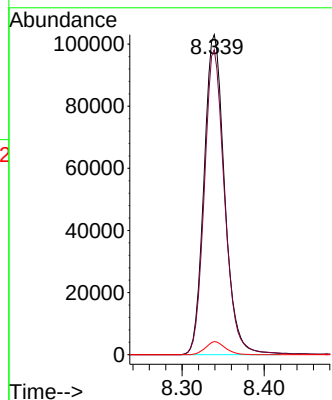
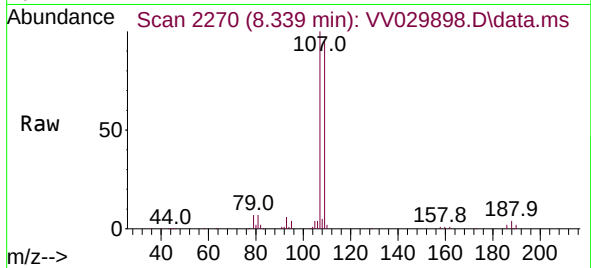




#50
1,2-Dibromoethane
Concen: 49.820 ug/L
RT: 8.339 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV029898.D
Acq: 18 Jan 2023 15:12

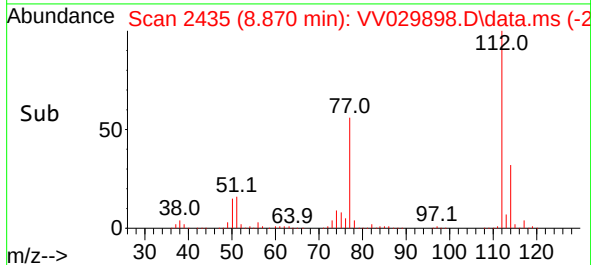
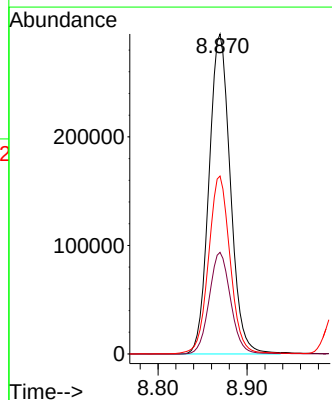
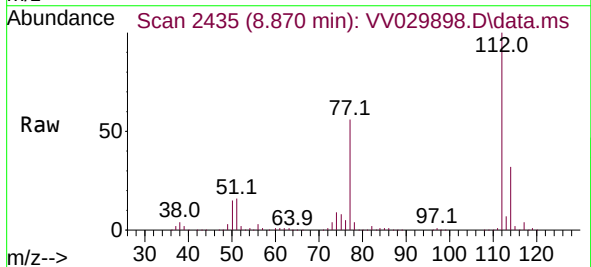
Instrument :
MSVOA_V
ClientSampleId :
VSTD050399

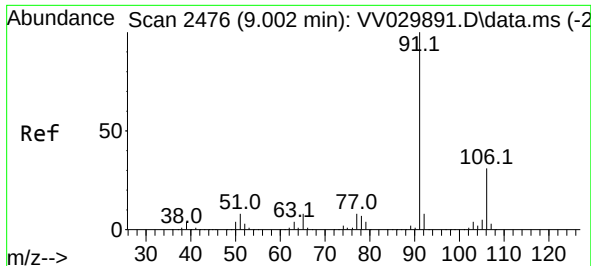
Tgt Ion:107 Resp: 179305
Ion Ratio Lower Upper
107 100
109 95.3 65.5 121.6
188 4.1 3.4 5.0



#51
Chlorobenzene
Concen: 48.930 ug/L
RT: 8.870 min Scan# 2435
Delta R.T. -0.003 min
Lab File: VV029898.D
Acq: 18 Jan 2023 15:12

Tgt Ion:112 Resp: 490961
Ion Ratio Lower Upper
112 100
114 31.7 22.6 42.0
77 55.6 44.6 66.8

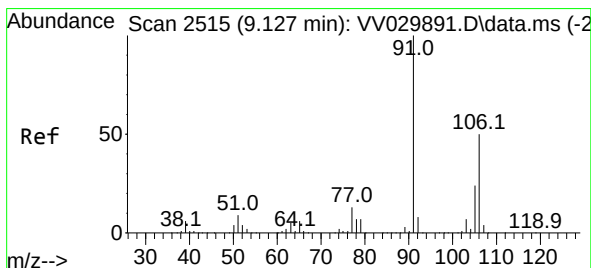
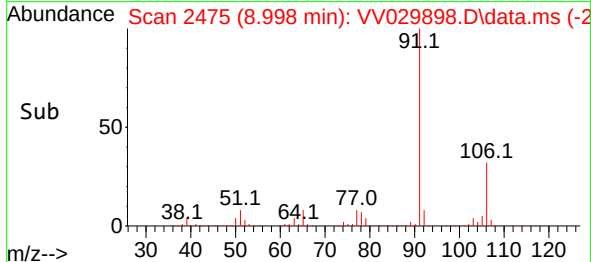
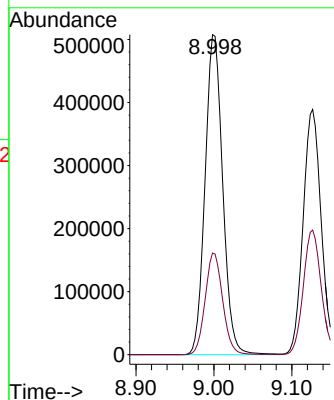
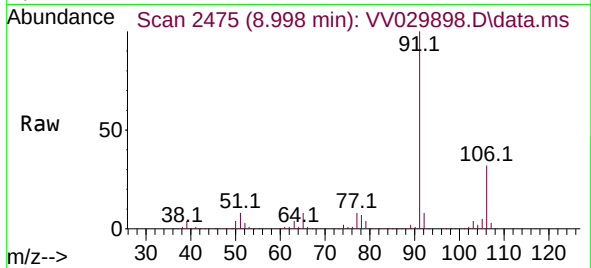




#52
Ethylbenzene
Concen: 50.089 ug/L
RT: 8.998 min Scan# 2476
Delta R.T. -0.004 min
Lab File: VV029898.D
Acq: 18 Jan 2023 15:12

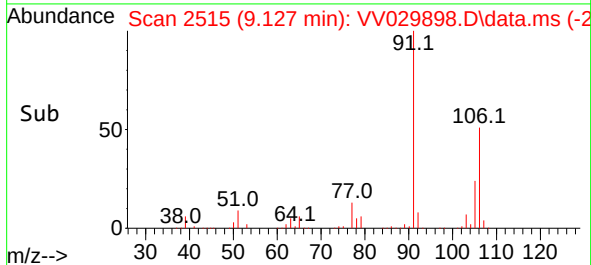
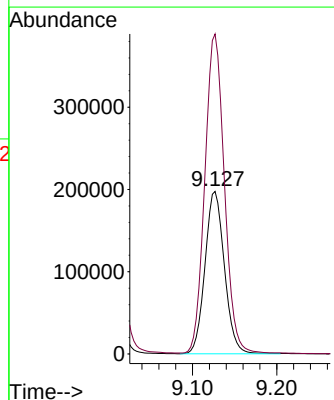
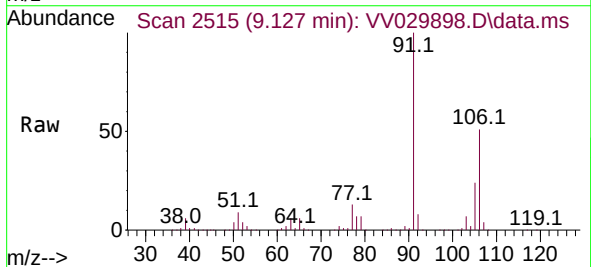
Instrument :
MSVOA_V
ClientSampleId :
VSTD050399

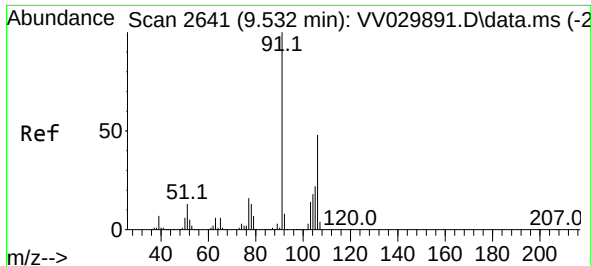
Tgt Ion: 91 Resp: 799335
Ion Ratio Lower Upper
91 100
106 31.8 22.0 40.8



#53
m,p-Xylene
Concen: 50.012 ug/L
RT: 9.127 min Scan# 2515
Delta R.T. -0.000 min
Lab File: VV029898.D
Acq: 18 Jan 2023 15:12

Tgt Ion: 106 Resp: 316916
Ion Ratio Lower Upper
106 100
91 196.8 138.9 258.1

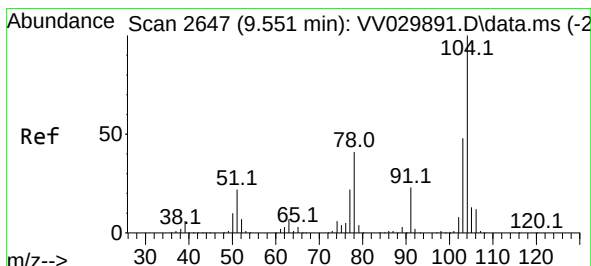
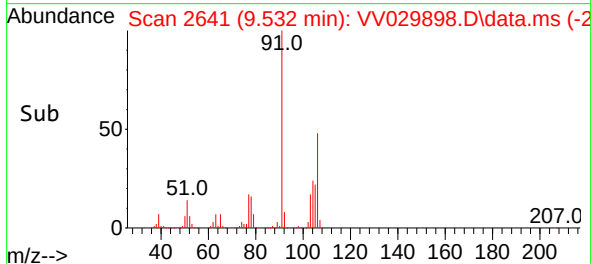
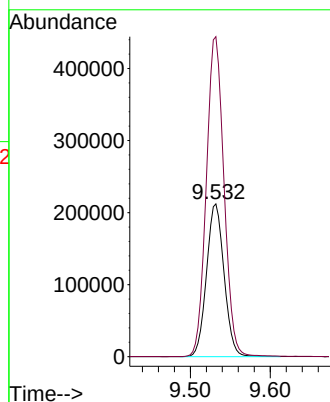
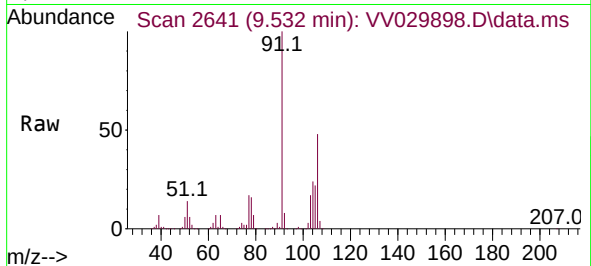




#54
o-Xylene
Concen: 52.872 ug/L
RT: 9.532 min Scan# 2641
Delta R.T. -0.000 min
Lab File: VV029898.D
Acq: 18 Jan 2023 15:12

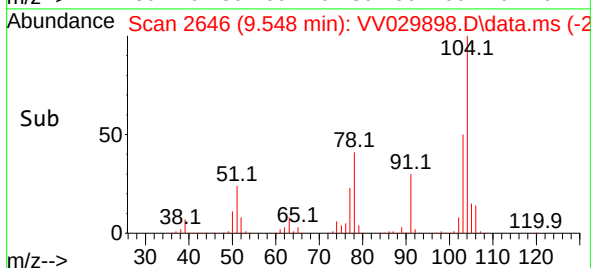
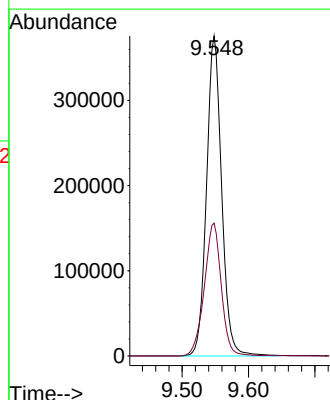
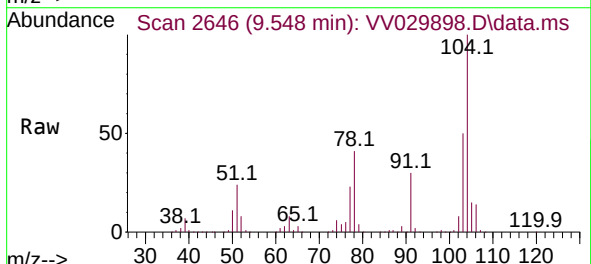
Instrument :
MSVOA_V
ClientSampleId :
VSTD050399

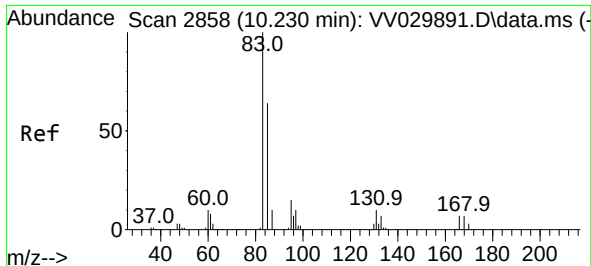
Tgt Ion:106 Resp: 324382
Ion Ratio Lower Upper
106 100
91 209.3 146.2 271.6



#55
Styrene
Concen: 53.781 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.003 min
Lab File: VV029898.D
Acq: 18 Jan 2023 15:12

Tgt Ion:104 Resp: 595072
Ion Ratio Lower Upper
104 100
78 41.5 28.6 53.0

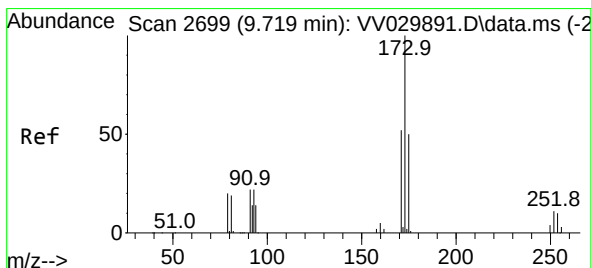
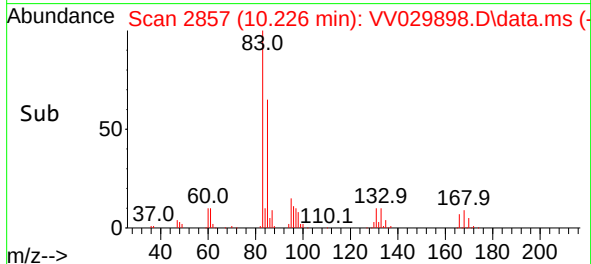
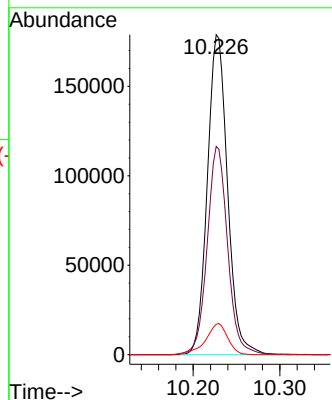
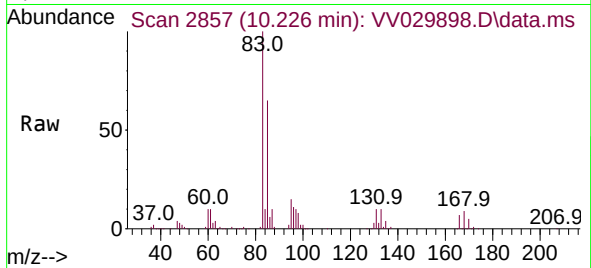




#57
1,1,2,2-Tetrachloroethane
Concen: 48.001 ug/L
RT: 10.226 min Scan# 2857
Delta R.T. -0.004 min
Lab File: VV029898.D
Acq: 18 Jan 2023 15:12

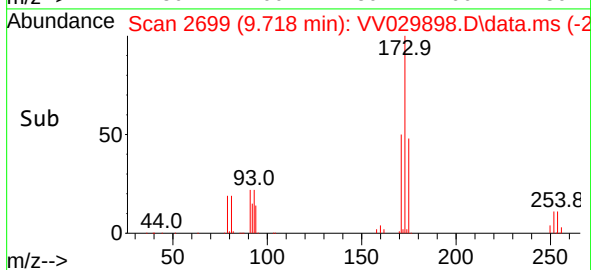
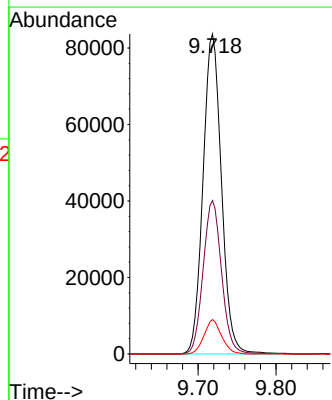
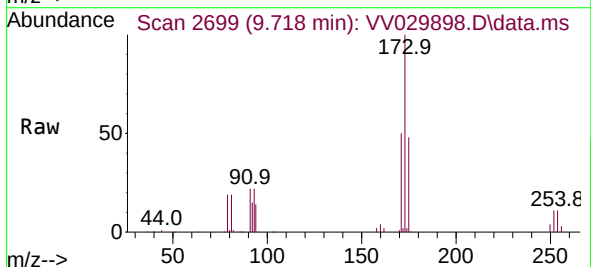
Instrument :
MSVOA_V
ClientSampleId :
VSTD050399

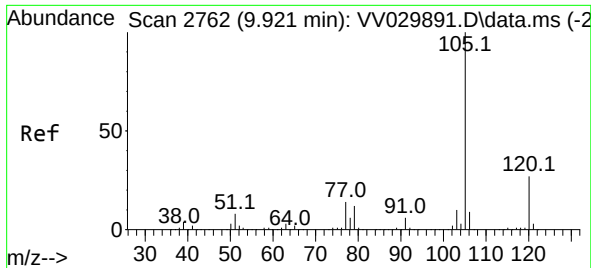
Tgt Ion: 83 Resp: 289727
Ion Ratio Lower Upper
83 100
85 65.1 44.9 83.3
131 9.5 8.1 12.1



#59
Bromoform
Concen: 50.889 ug/L
RT: 9.718 min Scan# 2699
Delta R.T. -0.001 min
Lab File: VV029898.D
Acq: 18 Jan 2023 15:12

Tgt Ion: 173 Resp: 137553
Ion Ratio Lower Upper
173 100
175 47.9 39.5 59.3
254 10.2 8.2 12.2

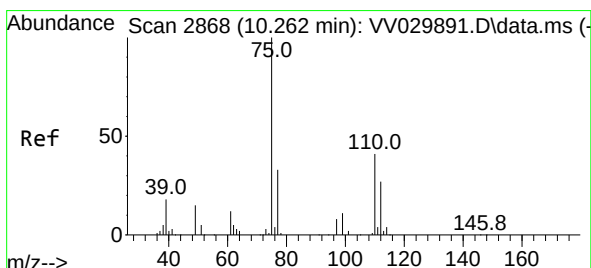
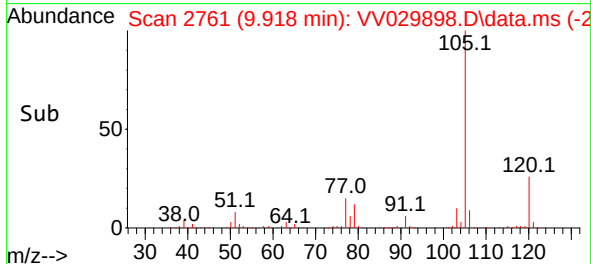
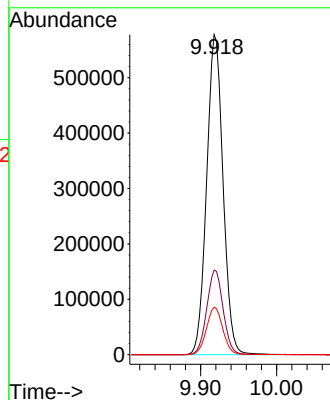
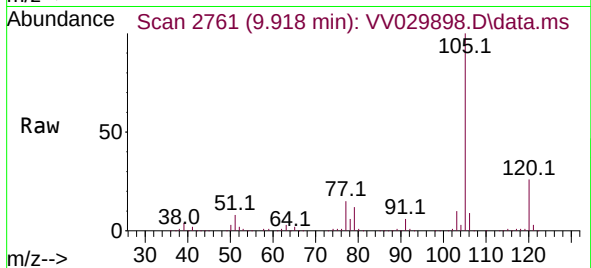




#60
Isopropylbenzene
Concen: 53.218 ug/L
RT: 9.918 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV029898.D
Acq: 18 Jan 2023 15:12

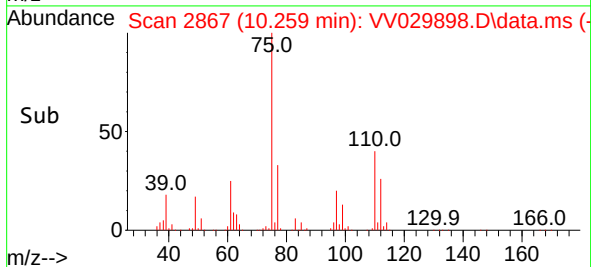
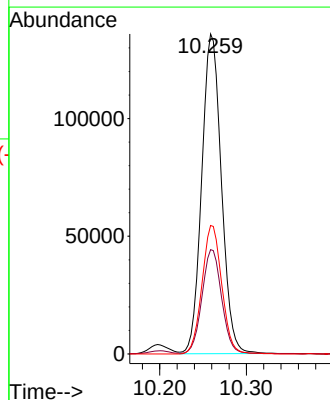
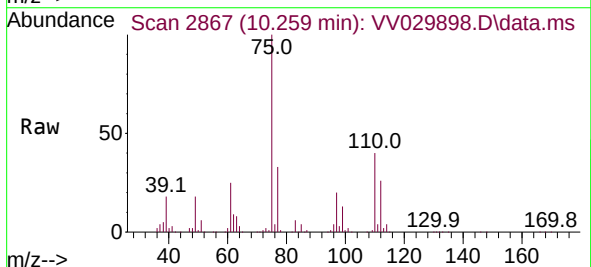
Instrument :
MSVOA_V
ClientSampleId :
VSTD050399

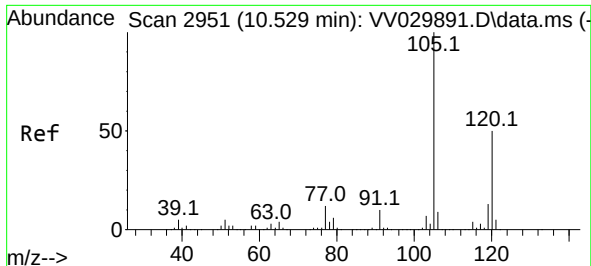
Tgt Ion:105 Resp: 865187
Ion Ratio Lower Upper
105 100
120 26.4 21.4 32.2
77 14.7 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 48.222 ug/L
RT: 10.259 min Scan# 2867
Delta R.T. -0.003 min
Lab File: VV029898.D
Acq: 18 Jan 2023 15:12

Tgt Ion: 75 Resp: 214022
Ion Ratio Lower Upper
75 100
77 32.5 25.9 38.9
110 40.2 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 52.699 ug/L

RT: 10.525 min Scan# 2951

Delta R.T. -0.004 min

Lab File: VV029898.D

Acq: 18 Jan 2023 15:12

Instrument :

MSVOA_V

ClientSampleId :

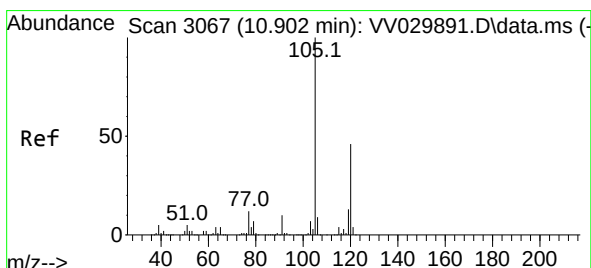
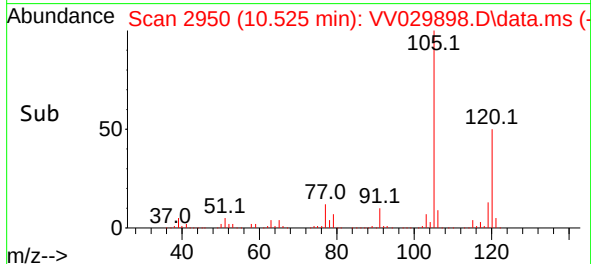
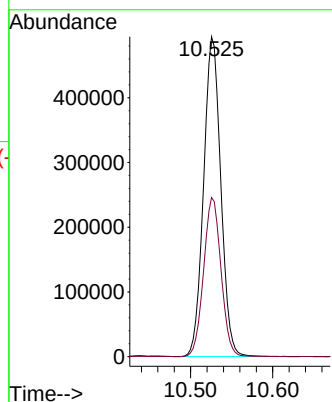
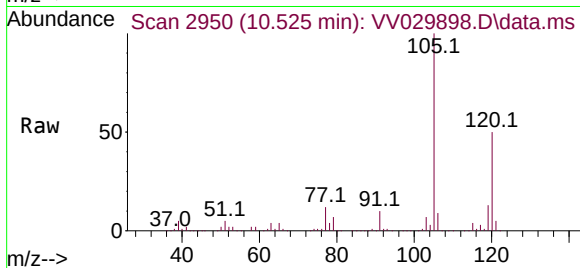
VSTD050399

Tgt Ion:105 Resp: 719338

Ion Ratio Lower Upper

105 100

120 50.4 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 51.404 ug/L

RT: 10.902 min Scan# 3067

Delta R.T. -0.000 min

Lab File: VV029898.D

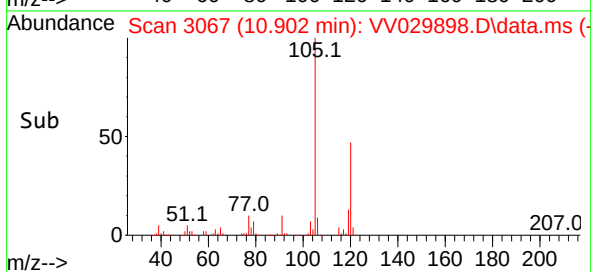
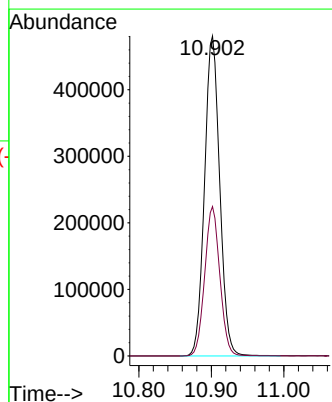
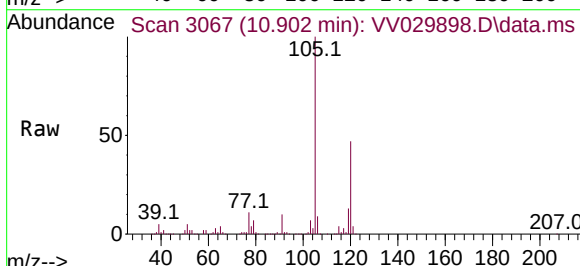
Acq: 18 Jan 2023 15:12

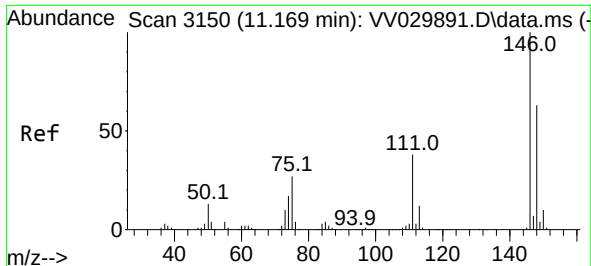
Tgt Ion:105 Resp: 699350

Ion Ratio Lower Upper

105 100

120 46.5 37.0 55.6

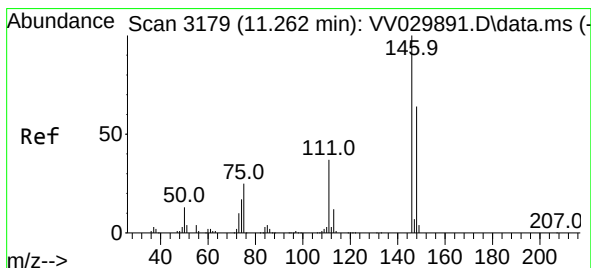
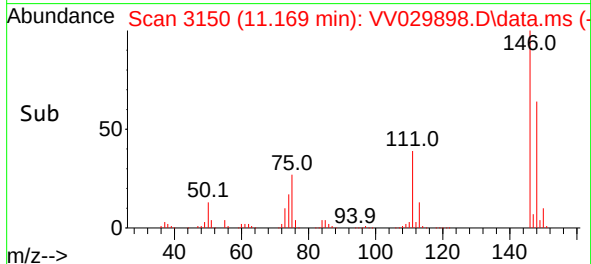
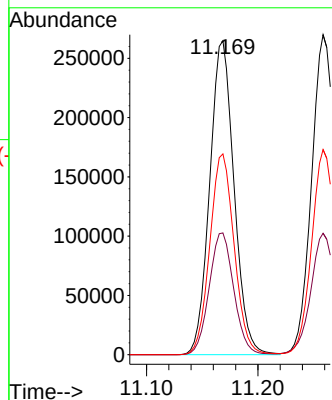
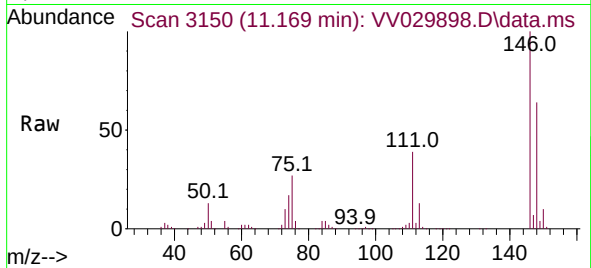




#64
1,3-Dichlorobenzene
Concen: 49.036 ug/L
RT: 11.169 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VV029898.D
Acq: 18 Jan 2023 15:12

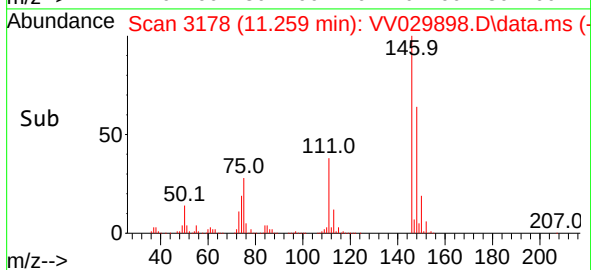
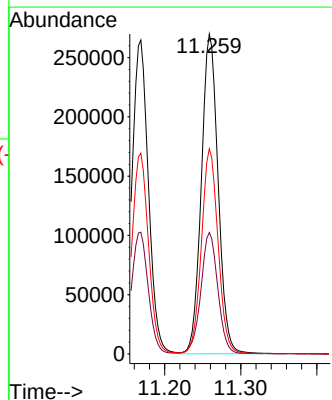
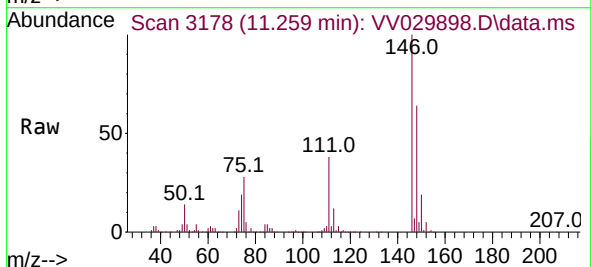
Instrument :
MSVOA_V
ClientSampleId :
VSTD050399

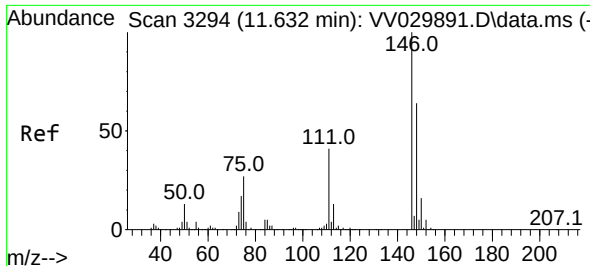
Tgt Ion:146 Resp: 402744
Ion Ratio Lower Upper
146 100
111 38.8 26.9 50.1
148 64.0 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 48.608 ug/L
RT: 11.259 min Scan# 3178
Delta R.T. -0.003 min
Lab File: VV029898.D
Acq: 18 Jan 2023 15:12

Tgt Ion:146 Resp: 413611
Ion Ratio Lower Upper
146 100
111 38.0 26.2 48.8
148 64.1 44.9 83.5

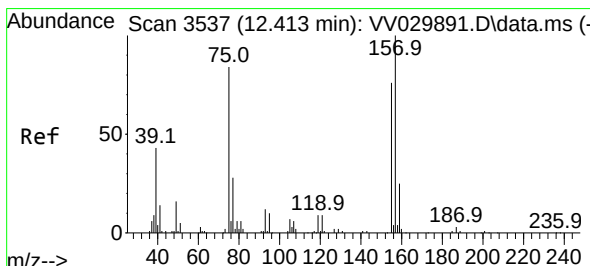
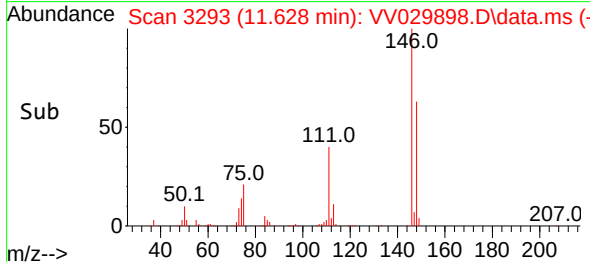
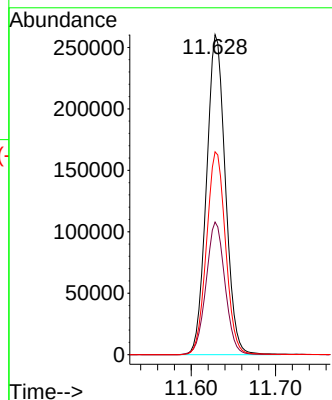
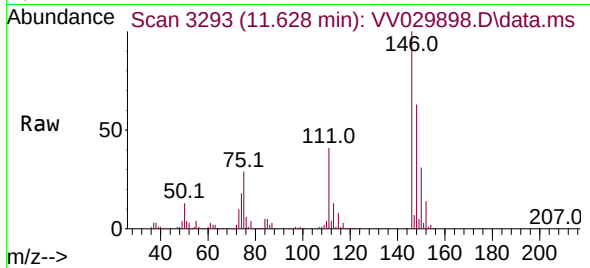




#67
1,2-Dichlorobenzene
Concen: 49.111 ug/L
RT: 11.628 min Scan# 31
Delta R.T. -0.004 min
Lab File: VV029898.D
Acq: 18 Jan 2023 15:12

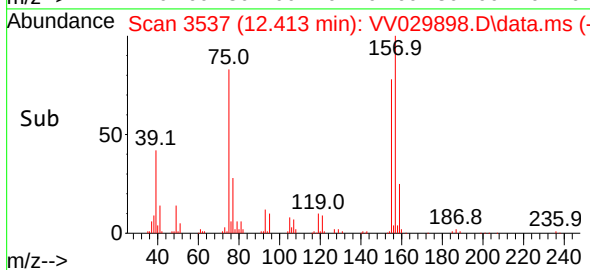
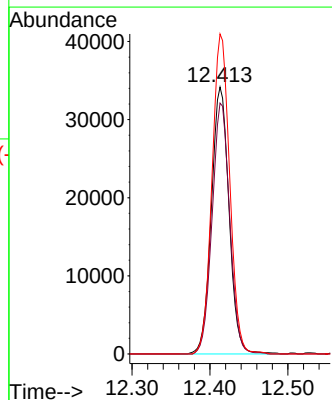
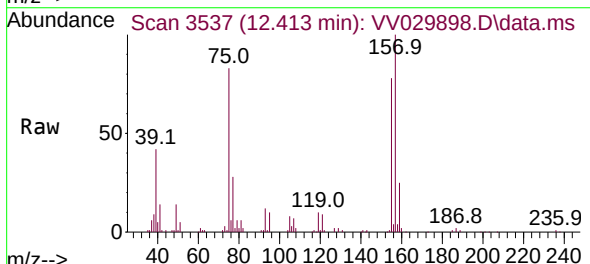
Instrument :
MSVOA_V
ClientSampleId :
VSTD050399

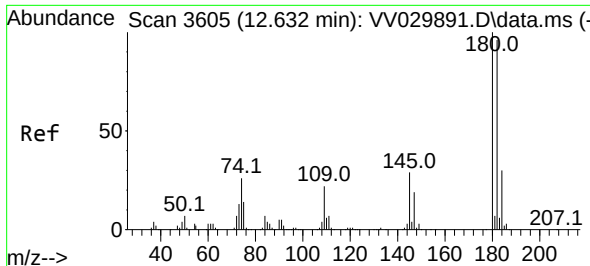
Tgt Ion:146 Resp: 406067
Ion Ratio Lower Upper
146 100
111 41.5 32.7 49.1
148 63.4 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 45.418 ug/L
RT: 12.413 min Scan# 3537
Delta R.T. -0.000 min
Lab File: VV029898.D
Acq: 18 Jan 2023 15:12

Tgt Ion: 75 Resp: 53865
Ion Ratio Lower Upper
75 100
155 94.0 72.3 108.5
157 119.9 95.4 143.2

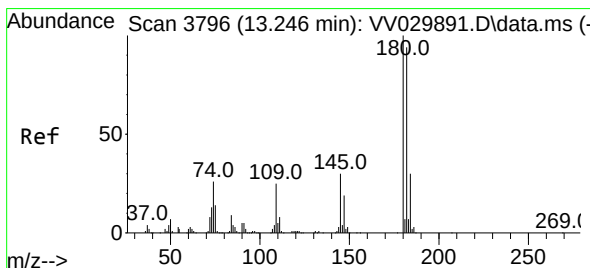
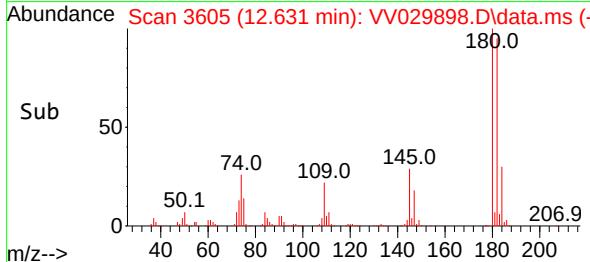
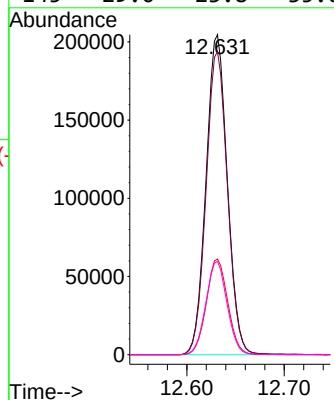
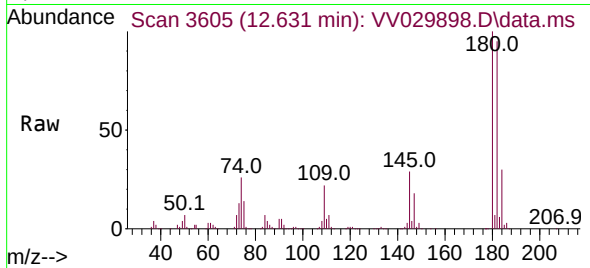




#69
 1,3,5-Trichlorobenzene
 Concen: 48.609 ug/L
 RT: 12.631 min Scan# 3605
 Delta R.T. -0.001 min
 Lab File: VV029898.D
 Acq: 18 Jan 2023 15:12

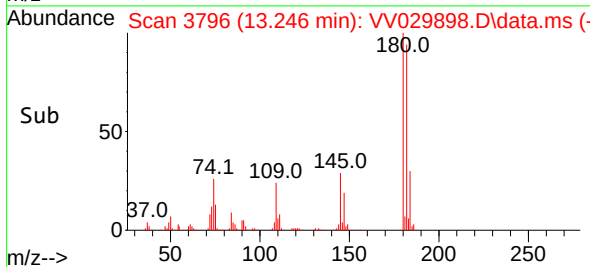
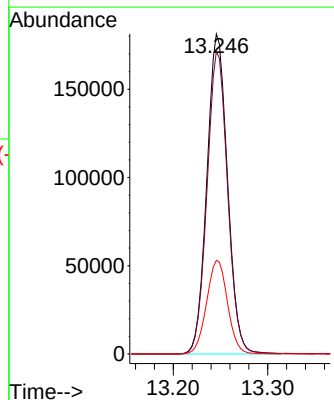
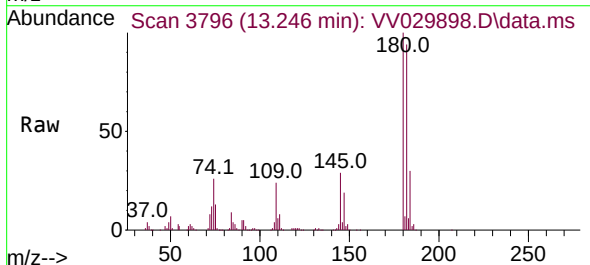
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050399

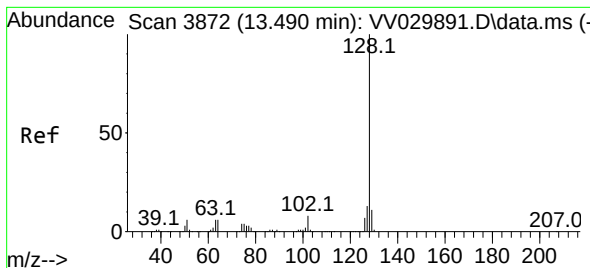
Tgt Ion:	180	Resp:	310818
Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.2	114.4
184	30.0	23.9	35.9
145	29.0	23.8	35.6



#70
 1,2,4-trichlorobenzene
 Concen: 48.755 ug/L
 RT: 13.246 min Scan# 3796
 Delta R.T. -0.000 min
 Lab File: VV029898.D
 Acq: 18 Jan 2023 15:12

Tgt Ion:	180	Resp:	275166
Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.0	114.0
145	29.7	24.0	36.0





#71

Naphthalene

Concen: 47.267 ug/L

RT: 13.487 min Scan# 3872

Delta R.T. -0.003 min

Lab File: VV029898.D

Acq: 18 Jan 2023 15:12

Instrument :

MSVOA_V

ClientSampleId :

VSTD050399

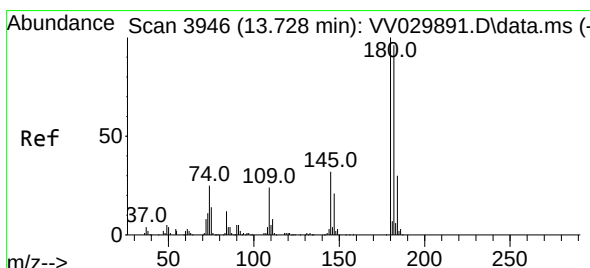
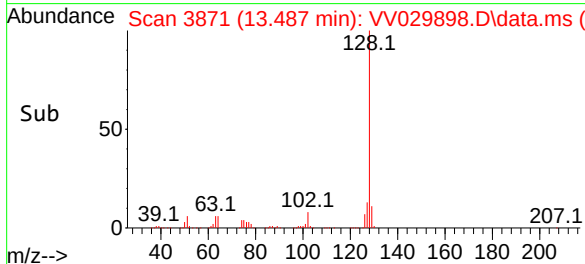
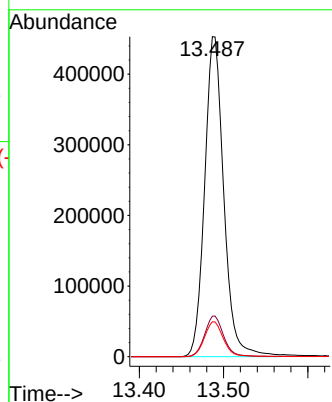
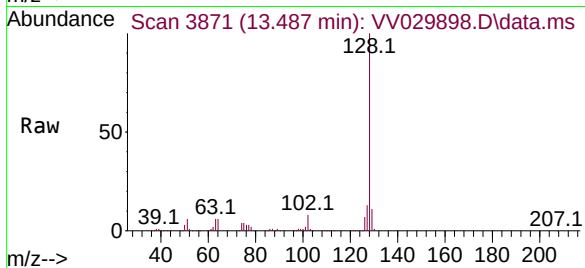
Tgt Ion:128 Resp: 717471

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 49.286 ug/L

RT: 13.728 min Scan# 3946

Delta R.T. -0.000 min

Lab File: VV029898.D

Acq: 18 Jan 2023 15:12

Tgt Ion:180 Resp: 271078

Ion Ratio Lower Upper

180 100

182 95.6 76.3 114.5

145 31.4 25.7 38.5

