

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011623\
 Data File : VW029887.D
 Acq On : 16 Jan 2023 19:57
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005387

Quant Time: Jan 17 00:40:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	188460	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	179351	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	105967	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	55967	3.915	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.564	69	55814	4.710	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.108	63	121618	4.667	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	3.899	46	171431	67.663	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.320%#
24) Chloroform-d	4.339	84	145425	5.546	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.000%
26) 1,2-Dichloroethane-d4	5.024	65	61147	5.506	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.200%
32) Benzene-d6	5.043	84	287237	5.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.000%
36) 1,2-Dichloropropane-d6	6.063	67	86703	5.569	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.400%
41) Toluene-d8	7.307	98	262192	5.323	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
43) trans-1,3-Dichloroprop...	7.616	79	30022	5.279	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.600%
46) 2-Hexanone-d5	8.085	63	157926	68.217	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	136.440%#
56) 1,1,2,2-Tetrachloroeth...	10.204	84	72461	6.351	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	127.000%#
66) 1,2-Dichlorobenzene-d4	11.612	152	103790	5.387	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	94170	5.369	ug/L	99
3) Chloromethane	1.240	50	100662	5.453	ug/L	99
5) Vinyl chloride	1.307	62	108611	6.000	ug/L	100
6) Bromomethane	1.519	94	43652	4.953	ug/L	100
8) Chloroethane	1.580	64	68240	6.213	ug/L	100
9) Trichlorofluoromethane	1.751	101	137329	5.792	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	78300	5.606	ug/L	98
12) 1,1-Dichloroethene	2.114	96	81484	5.063	ug/L	94
13) Acetone	2.195	43	104442	57.756	ug/L	93
14) Carbon disulfide	2.291	76	236423	5.103	ug/L	99
15) Methyl Acetate	2.439	43	25056	5.321	ug/L	99
16) Methylene chloride	2.500	84	94672	4.736	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	169489	6.091	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	87953	5.880	ug/L	96
19) 1,1-Dichloroethane	3.182	63	152345	6.088	ug/L	99
21) 2-Butanone	3.986	43	160571	61.982	ug/L	91
22) cis-1,2-Dichloroethene	3.902	96	93066	5.839	ug/L	97
23) Bromochloromethane	4.240	128	40079	6.089	ug/L	94
25) Chloroform	4.365	83	158672	5.833	ug/L	97

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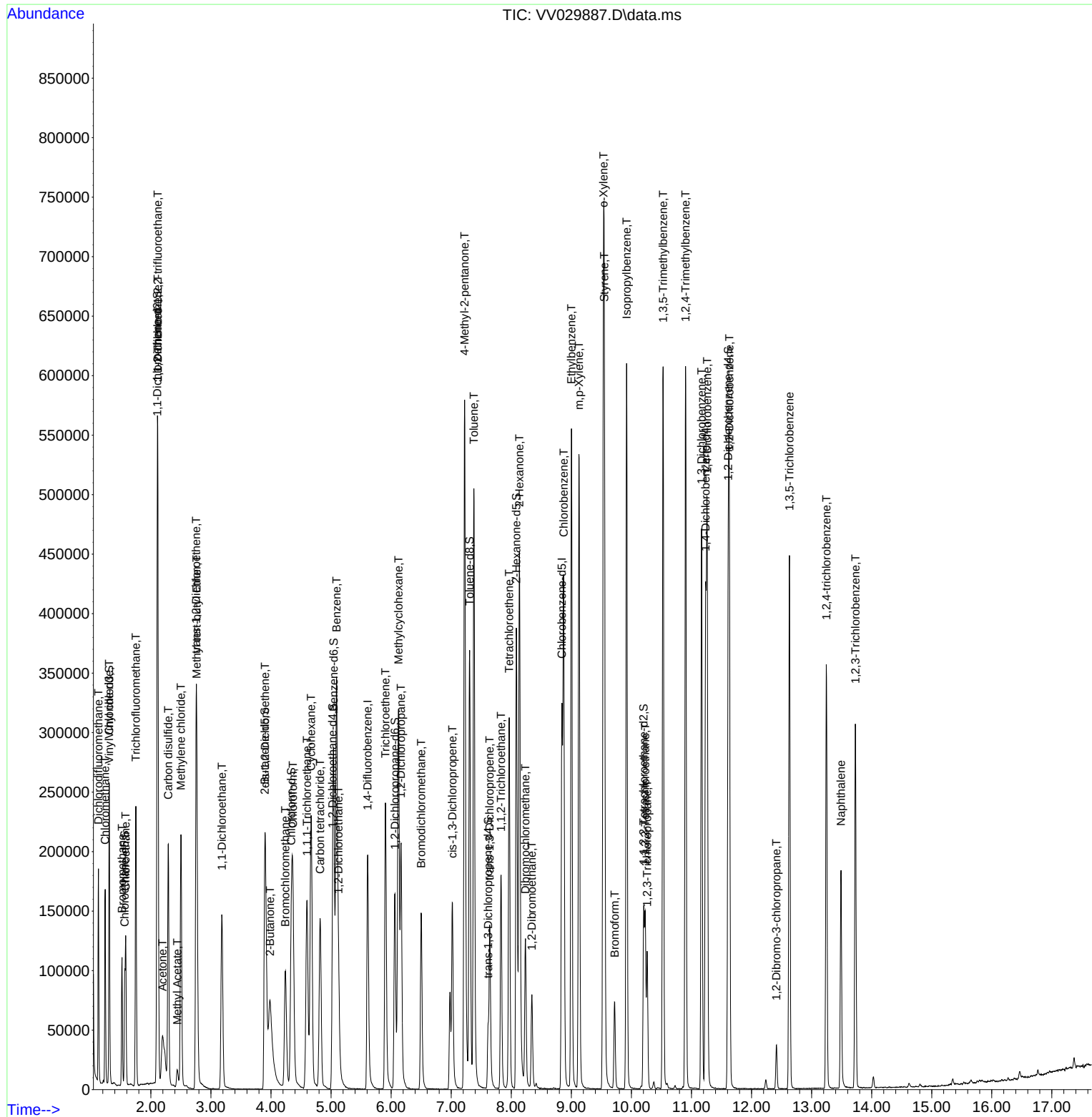
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	83568	6.323	ug/L	97
29) 1,1,1-Trichloroethane	4.600	97	136642	5.867	ug/L	99
30) Cyclohexane	4.667	56	128974	5.850	ug/L	97
31) Carbon tetrachloride	4.818	117	115901	5.719	ug/L	99
33) Benzene	5.092	78	367907	6.204	ug/L	100
34) Trichloroethene	5.905	95	89697	5.969	ug/L	98
35) Methylcyclohexane	6.124	83	144261	5.686	ug/L	99
37) 1,2-Dichloropropane	6.165	63	86747	6.247	ug/L	99
38) Bromodichloromethane	6.500	83	105855	5.894	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	107422	5.768	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	391953	66.139	ug/L	100
42) Toluene	7.378	91	388875	6.080	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	84935	5.660	ug/L	99
45) 1,1,2-Trichloroethane	7.828	97	60453	6.042	ug/L	99
47) Tetrachloroethene	7.966	164	74719	5.906	ug/L	98
48) 2-Hexanone	8.136	43	285348	67.366	ug/L	99
49) Dibromochloromethane	8.236	129	67621	5.759	ug/L	96
50) 1,2-Dibromoethane	8.342	107	54517	6.277	ug/L	99
51) Chlorobenzene	8.873	112	244883	6.030	ug/L	98
52) Ethylbenzene	9.001	91	398463	5.953	ug/L	99
53) m,p-Xylene	9.127	106	159259	6.011	ug/L	100
54) o-Xylene	9.535	106	153803	6.117	ug/L	98
55) Styrene	9.551	104	271236	6.272	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	72262	6.502	ug/L	98
59) Bromoform	9.722	173	34635	5.046	ug/L	99
60) Isopropylbenzene	9.921	105	400218	5.909	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	48624	6.197	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	330596	5.695	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	335372	5.794	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	198941	5.784	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	200094	5.836	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	183295	5.928	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	9814	5.289	ug/L	86
69) 1,3,5-Trichlorobenzene	12.631	180	144110	5.205	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	113511	5.247	ug/L	100
71) Naphthalene	13.490	128	152728	5.449	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	96488	5.374	ug/L	99

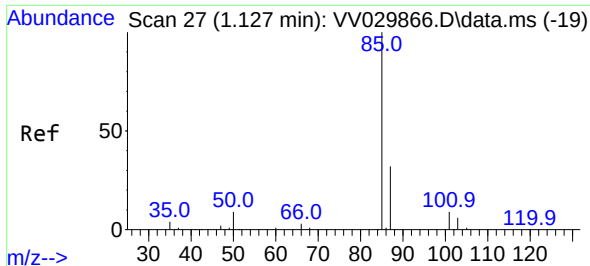
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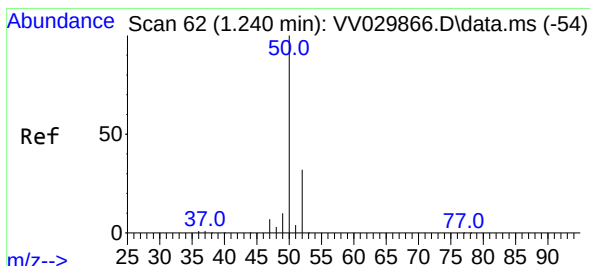
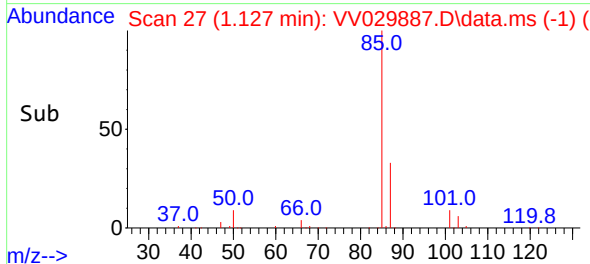
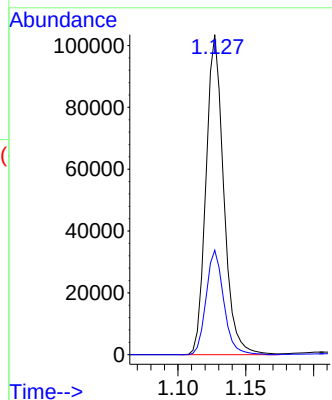
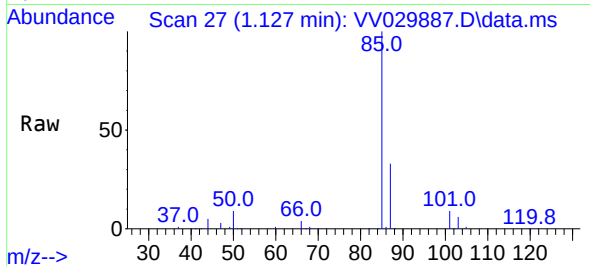




#2
 Dichlorodifluoromethane
 Concen: 5.369 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029887.D
 Acq: 16 Jan 2023 19:57

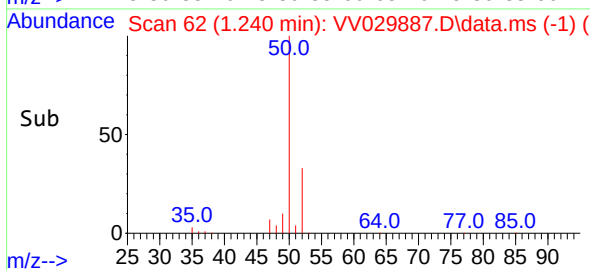
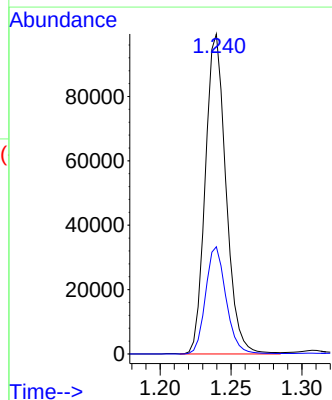
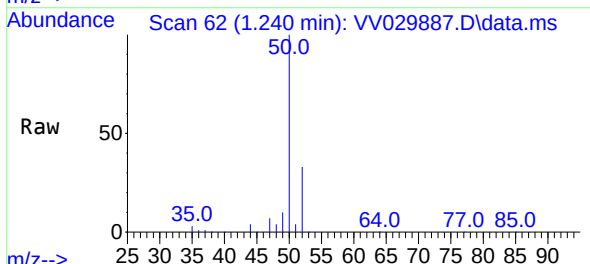
Instrument :
 MSVOA_V
 ClientSampleId :
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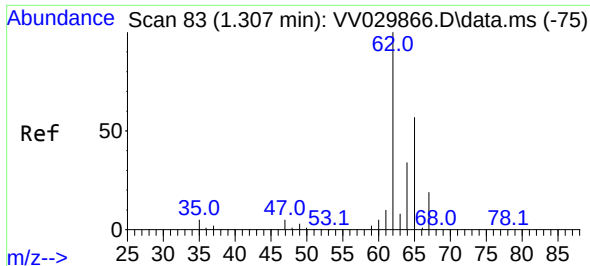
Tgt Ion: 85 Resp: 94170
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.5 39.7



#3
 Chloromethane
 Concen: 5.453 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV029887.D
 Acq: 16 Jan 2023 19:57

Tgt Ion: 50 Resp: 100662
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.1 42.9

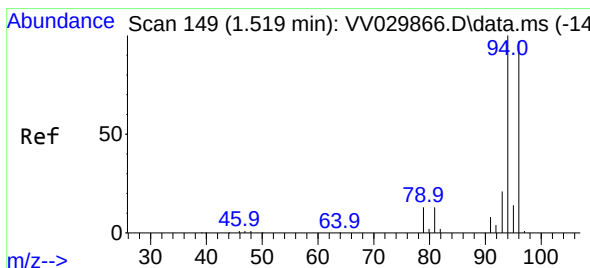
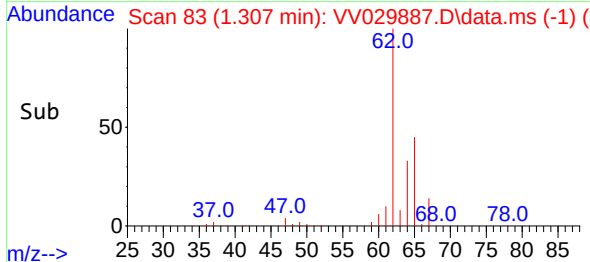
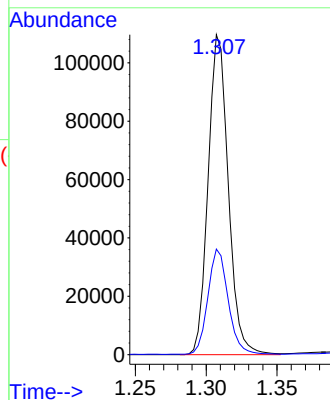
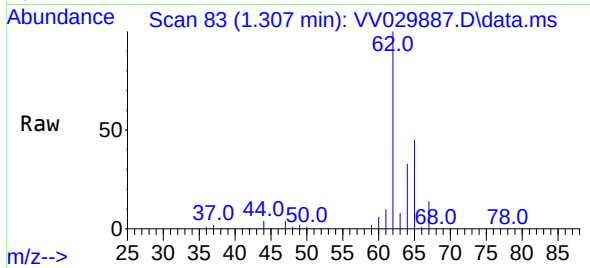




#5
 Vinyl chloride
 Concen: 6.000 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.003 min
 Lab File: VV029887.D
 Acq: 16 Jan 2023 19:57

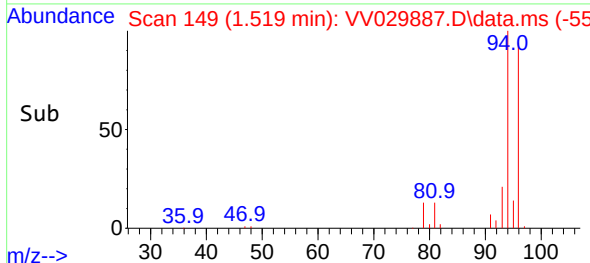
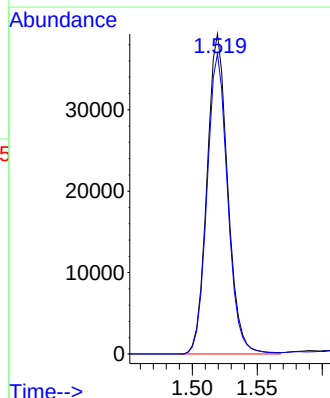
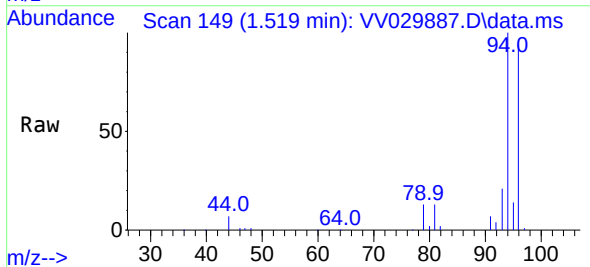
Instrument :
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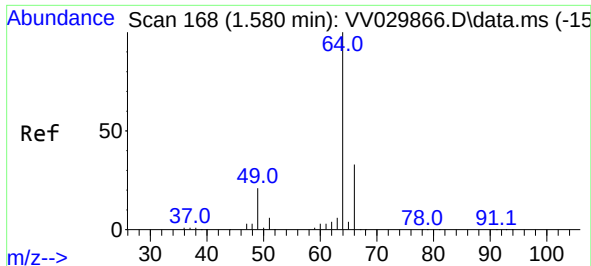
Tgt Ion: 62 Resp: 108611
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.2 43.2



#6
 Bromomethane
 Concen: 4.953 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV029887.D
 Acq: 16 Jan 2023 19:57

Tgt Ion: 94 Resp: 43652
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.9 122.5

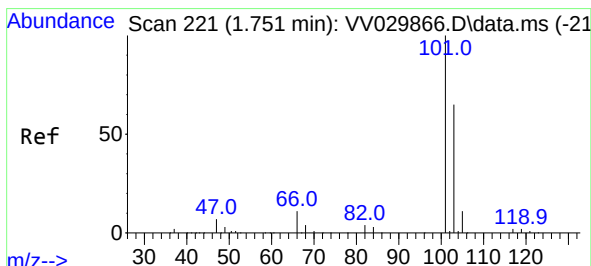
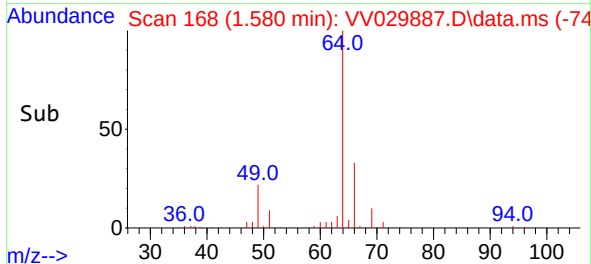
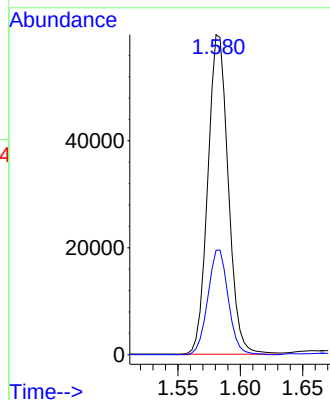
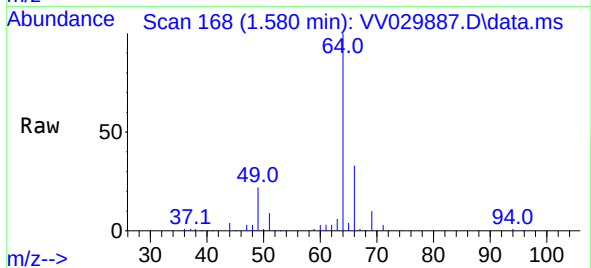




#8
Chloroethane
Concen: 6.213 ug/L
RT: 1.580 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

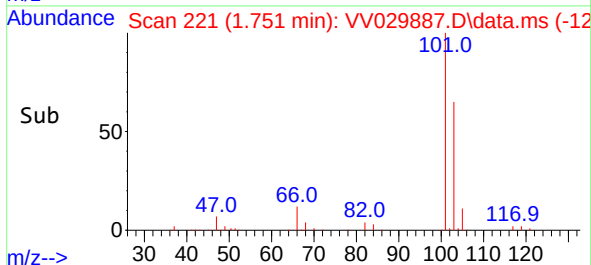
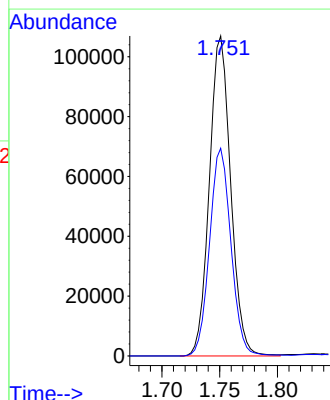
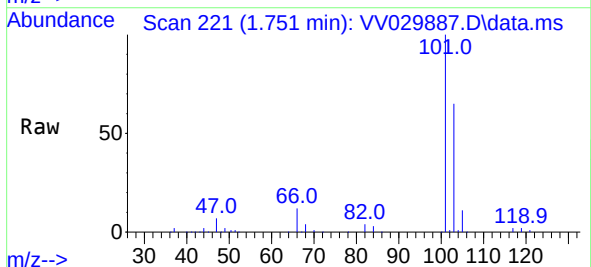
Instrument :
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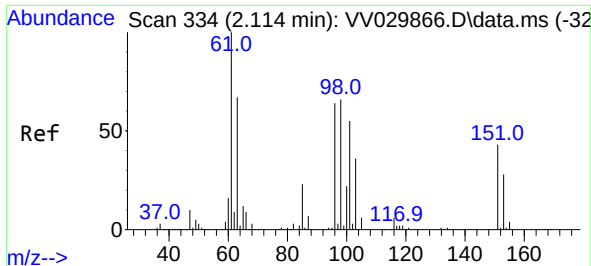
Tgt Ion: 64 Resp: 68240
Ion Ratio Lower Upper
64 100
66 32.6 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.792 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

Tgt Ion:101 Resp: 137329
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.8

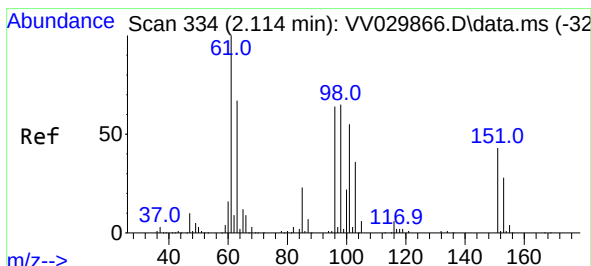
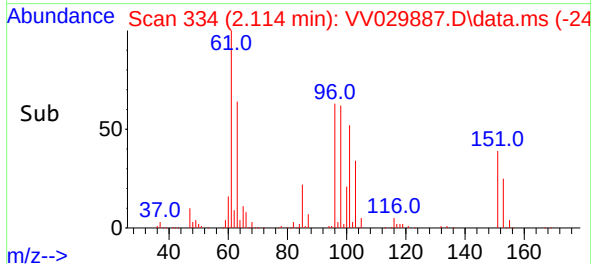
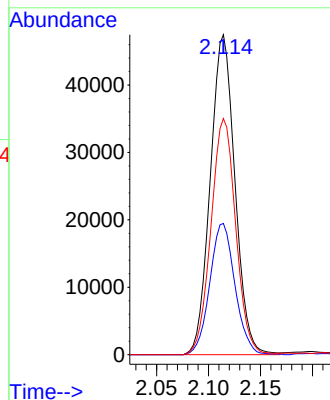
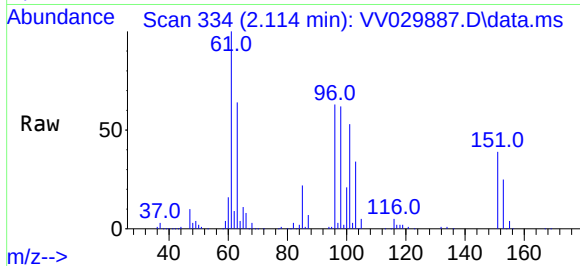




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.606 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV029887.D
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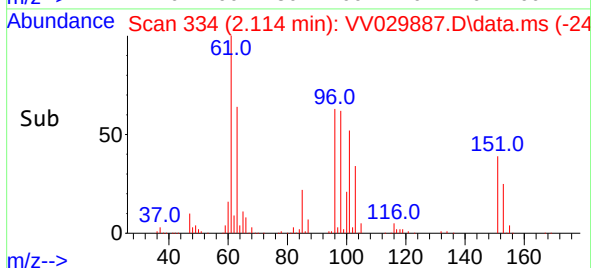
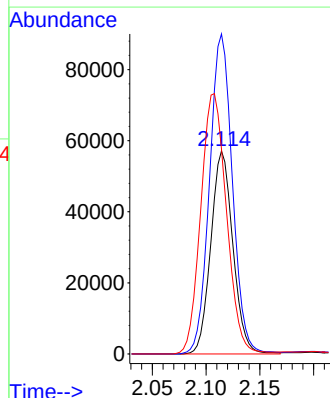
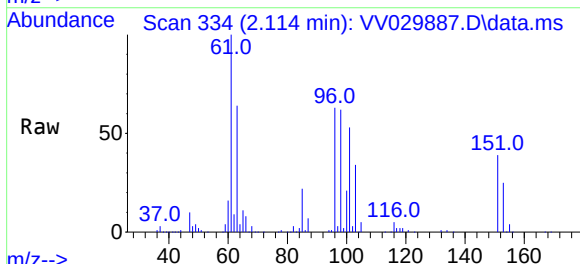
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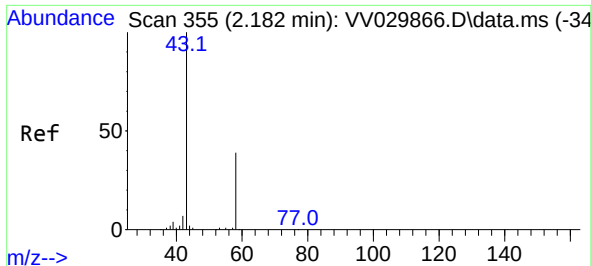
Tgt Ion:101 Resp: 78300
 Ion Ratio Lower Upper
 101 100
 85 41.9 32.9 49.3
 151 74.1 60.9 91.3



#12
 1,1-Dichloroethene
 Concen: 5.063 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV029887.D
 Acq: 16 Jan 2023 19:57

Tgt Ion: 96 Resp: 81484
 Ion Ratio Lower Upper
 96 100
 61 157.6 106.1 197.1
 63 101.0 76.4 141.8





#13

Acetone

Concen: 57.756 ug/L

RT: 2.195 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV029887.D

Acq: 16 Jan 2023 19:57

Instrument :

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ClientSampleId :

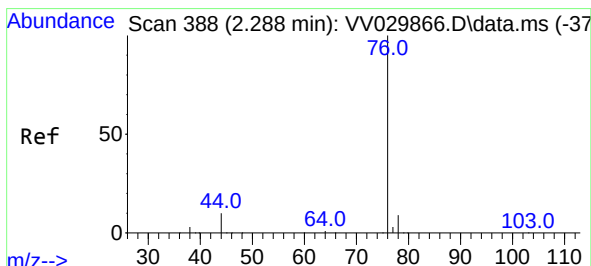
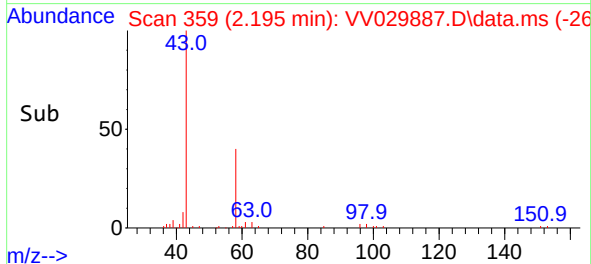
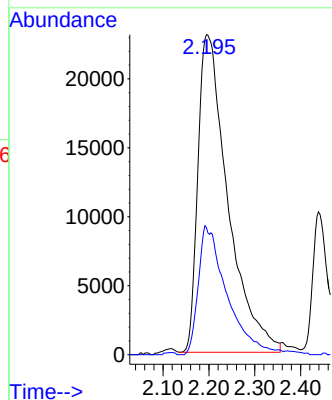
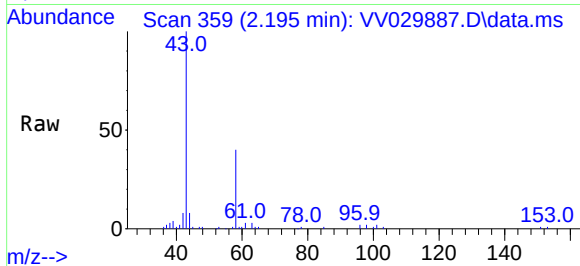
VSTD005387

Tgt Ion: 43 Resp: 104442

Ion Ratio Lower Upper

43 100

58 38.4 0.0 68.8



#14

Carbon disulfide

Concen: 5.103 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.006 min

Lab File: VV029887.D

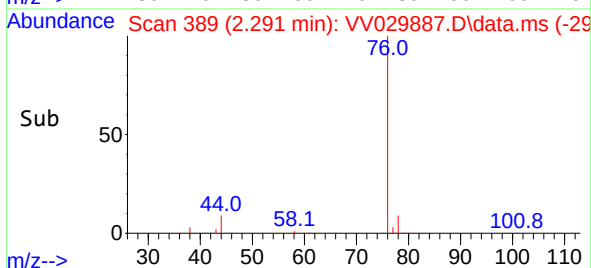
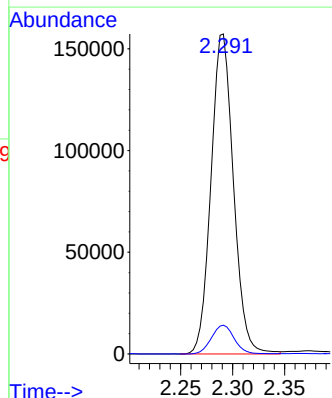
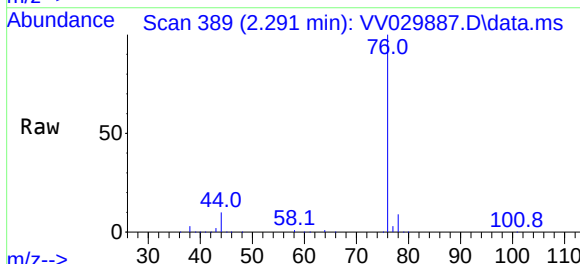
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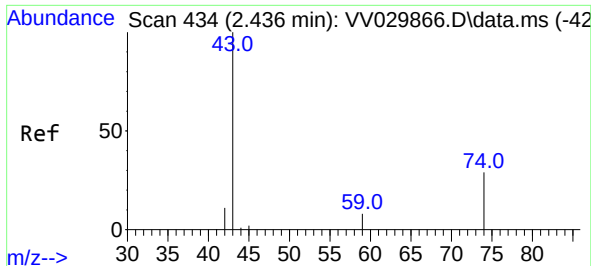
Tgt Ion: 76 Resp: 236423

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

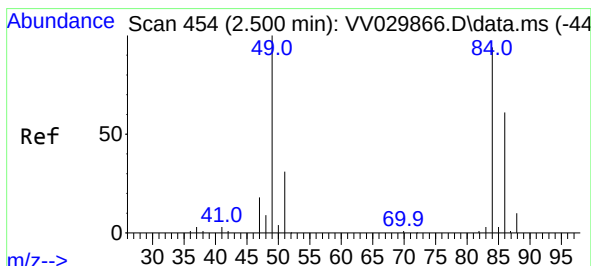
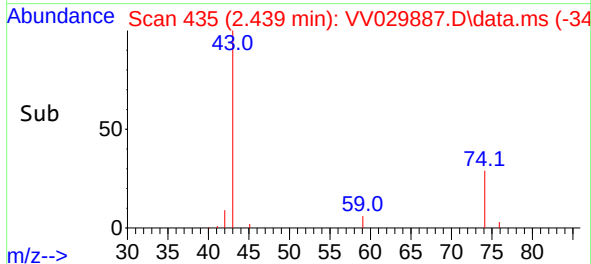
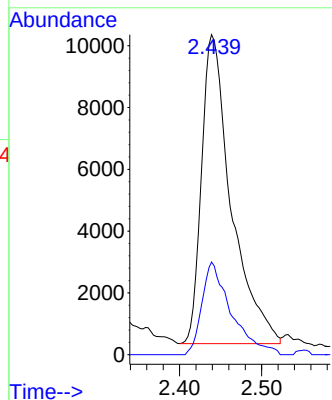
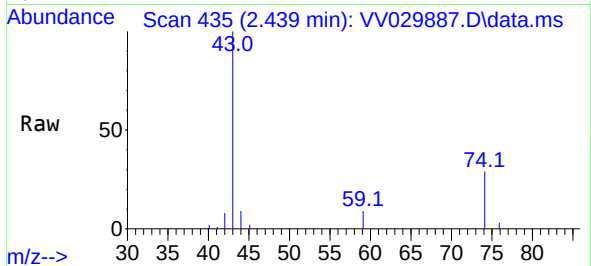




#15
Methyl Acetate
Concen: 5.321 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

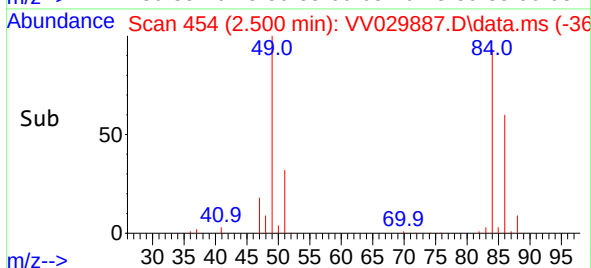
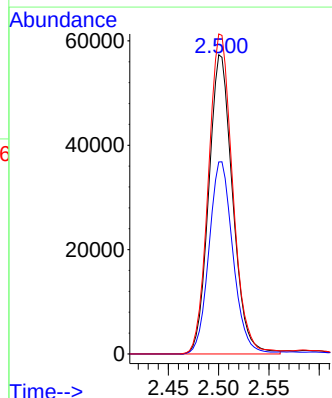
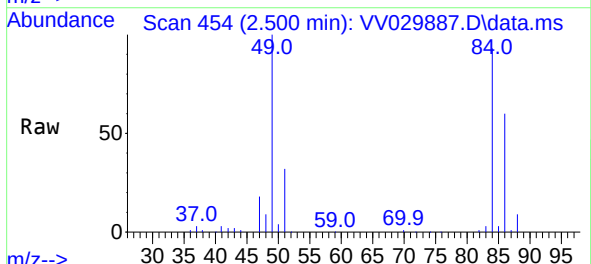
Instrument :
MSVOA_V
ClientSampleId :
VSTD005387

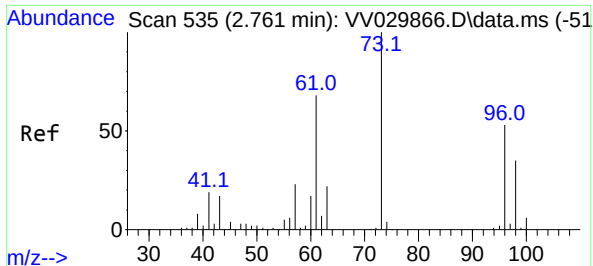
Tgt Ion: 43 Resp: 25056
Ion Ratio Lower Upper
43 100
74 29.7 23.4 35.0



#16
Methylene chloride
Concen: 4.736 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

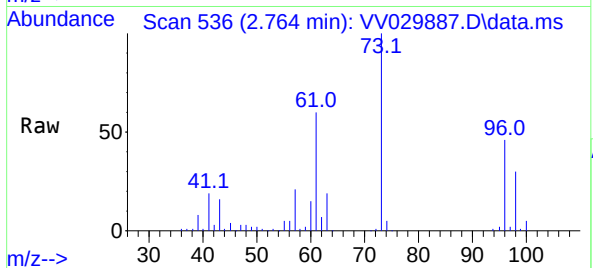
Tgt Ion: 84 Resp: 94672
Ion Ratio Lower Upper
84 100
86 64.2 45.0 83.6
49 107.0 71.5 132.7



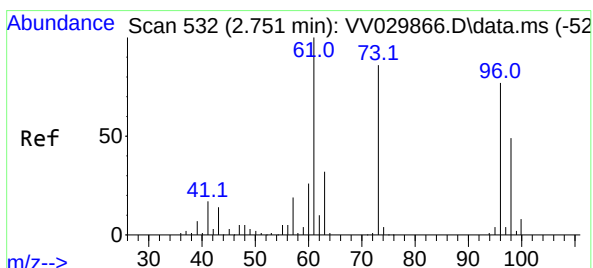
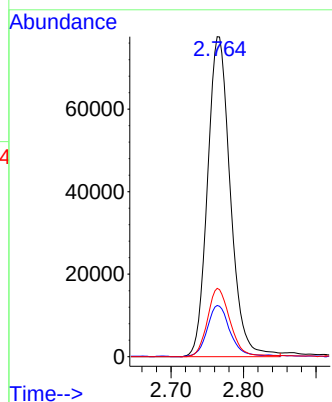
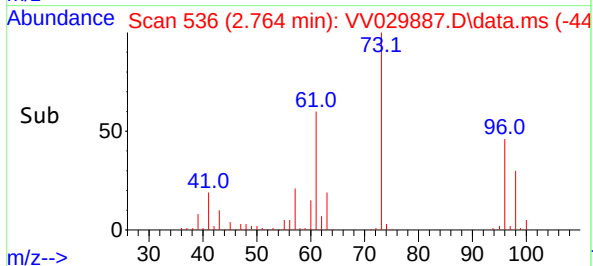


#17
Methyl tert-butyl Ether
Concen: 6.091 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

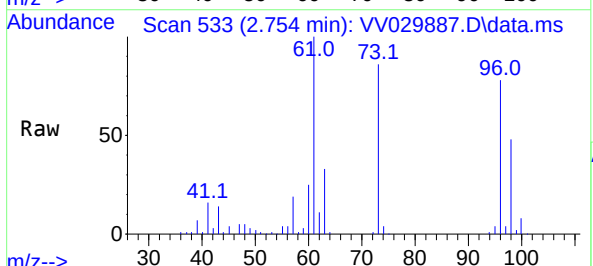
Instrument :
MSVOA_V
ClientSampleId :
VSTD005387



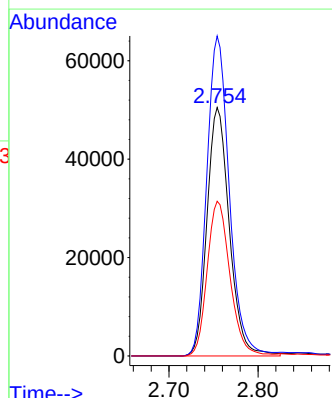
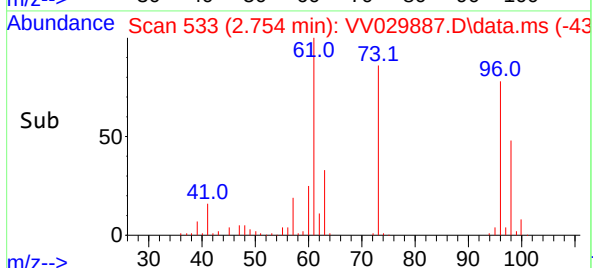
Tgt Ion: 73 Resp: 169489
Ion Ratio Lower Upper
73 100
43 16.0 13.0 19.4
57 21.2 17.1 25.7

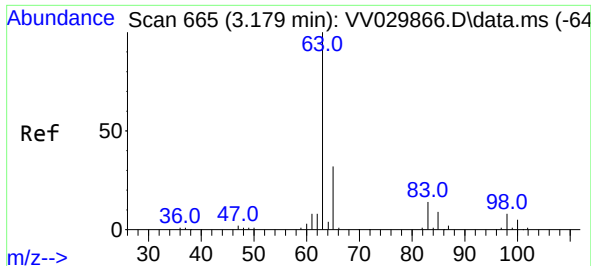


#18
trans-1,2-Dichloroethene
Concen: 5.880 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57



Tgt Ion: 96 Resp: 87953
Ion Ratio Lower Upper
96 100
61 128.8 86.1 159.9
98 62.2 43.9 81.5

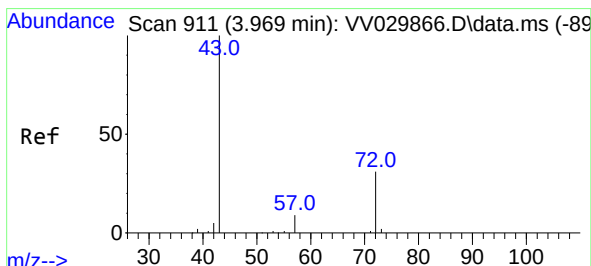
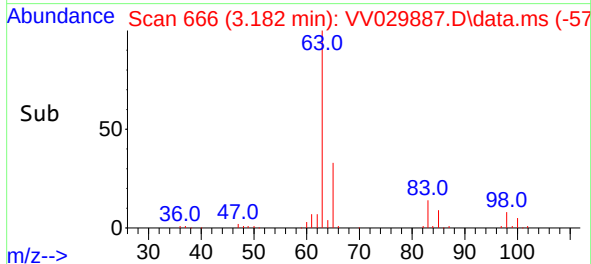
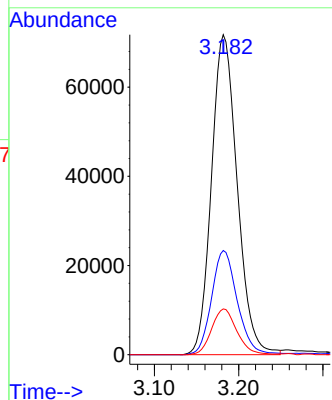
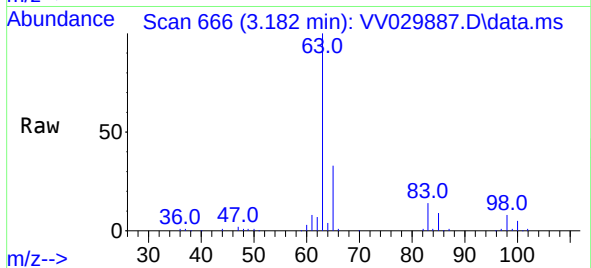




#19
1,1-Dichloroethane
Concen: 6.088 ug/L
RT: 3.182 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

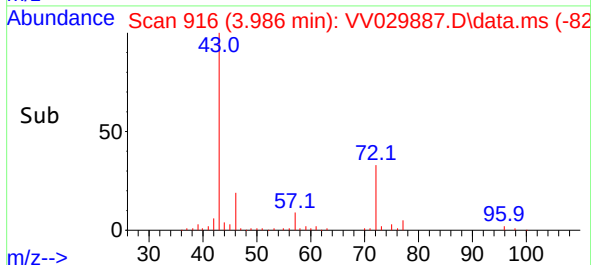
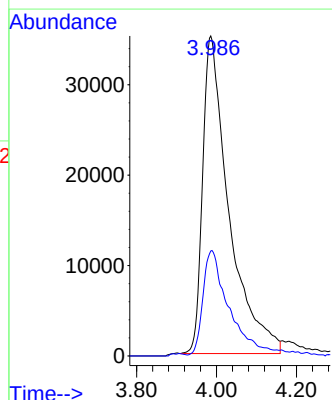
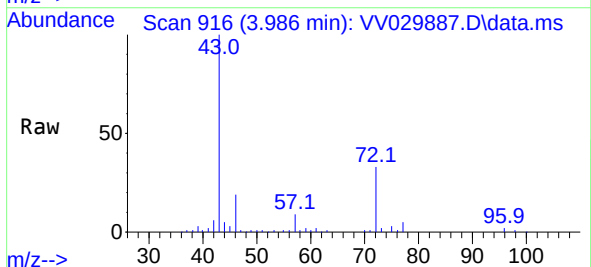
Instrument :
MSVOA_V
ClientSampleId :
VSTD005387

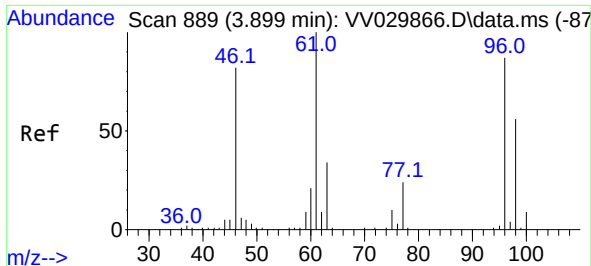
Tgt Ion: 63 Resp: 152345
Ion Ratio Lower Upper
63 100
65 32.5 22.4 41.6
83 14.3 10.2 19.0



#21
2-Butanone
Concen: 61.982 ug/L
RT: 3.986 min Scan# 916
Delta R.T. 0.003 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

Tgt Ion: 43 Resp: 160571
Ion Ratio Lower Upper
43 100
72 32.4 13.9 41.6

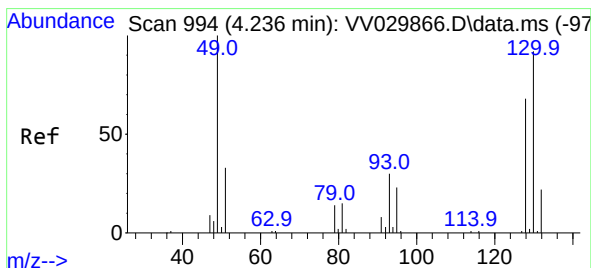
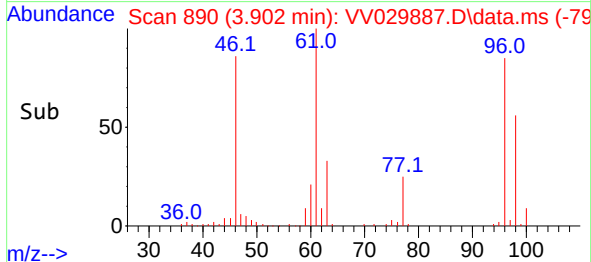
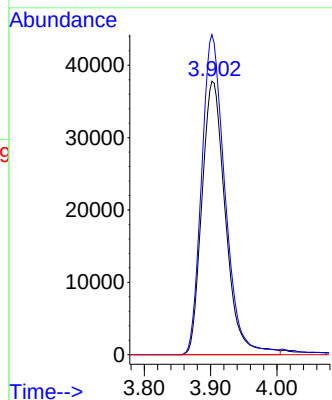
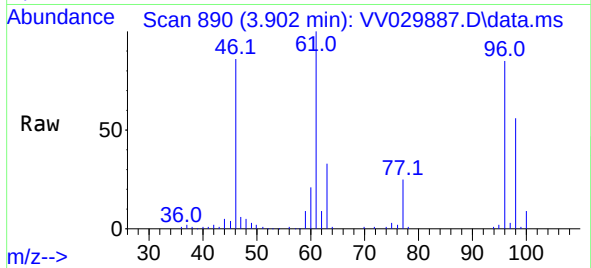




#22
cis-1,2-Dichloroethene
Concen: 5.839 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

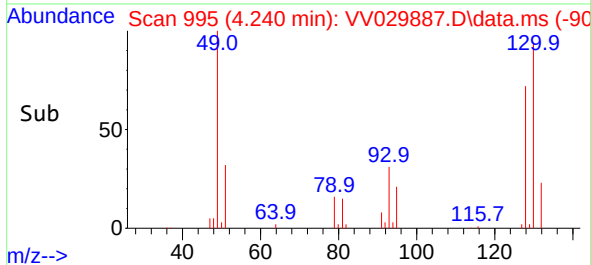
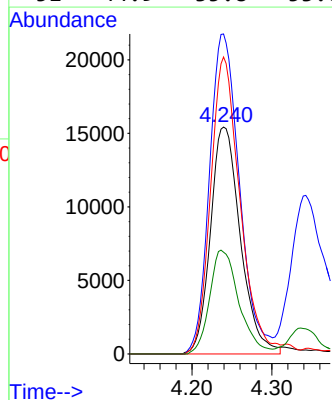
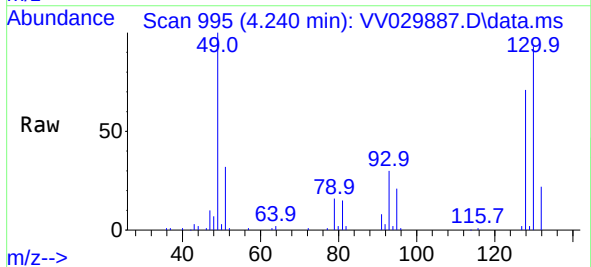
Instrument :
MSVOA_V
ClientSampleId :
VSTD005387

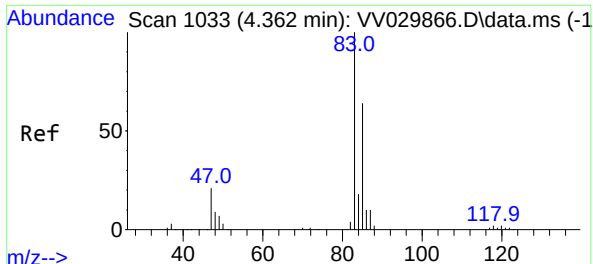
Tgt Ion: 96 Resp: 93066
Ion Ratio Lower Upper
96 100
61 117.0 80.0 148.6
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 6.089 ug/L
RT: 4.240 min Scan# 995
Delta R.T. 0.003 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

Tgt Ion: 128 Resp: 40079
Ion Ratio Lower Upper
128 100
49 141.0 91.2 169.4
130 130.9 87.0 161.6
51 44.9 35.8 53.6





#25

Chloroform

Concen: 5.833 ug/L

RT: 4.365 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029887.D

Acq: 16 Jan 2023 19:57

Instrument :

MSVOA_V

ClientSampleId :

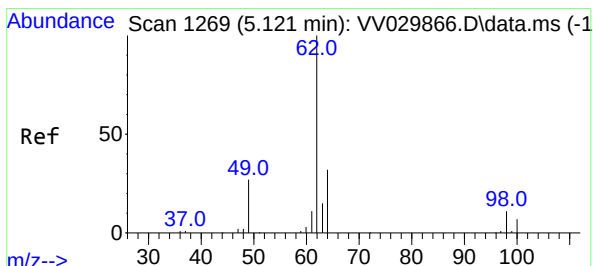
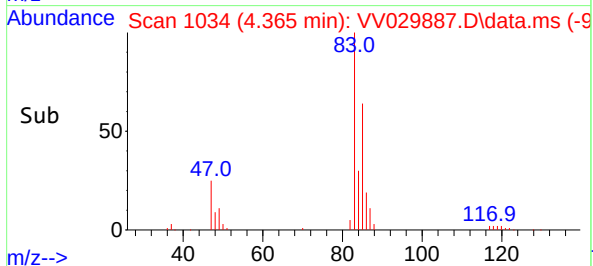
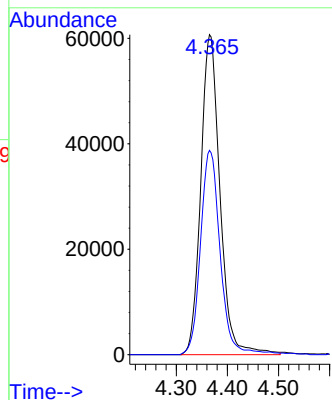
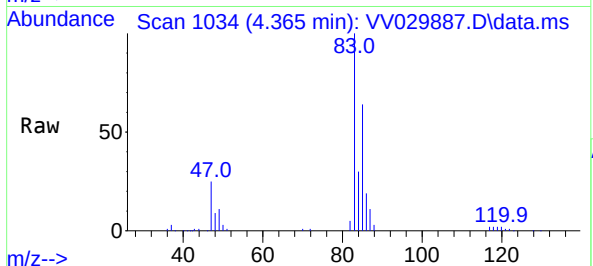
VSTD005387

Tgt Ion: 83 Resp: 158672

Ion Ratio Lower Upper

83 100

85 63.9 46.5 86.5



#27

1,2-Dichloroethane

Concen: 6.323 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.003 min

Lab File: VV029887.D

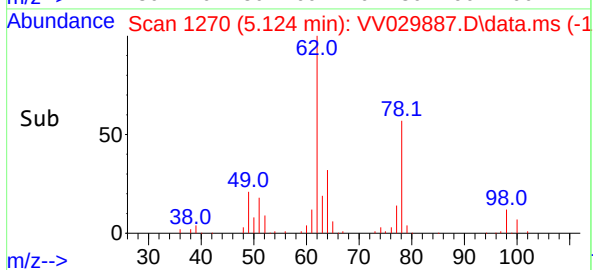
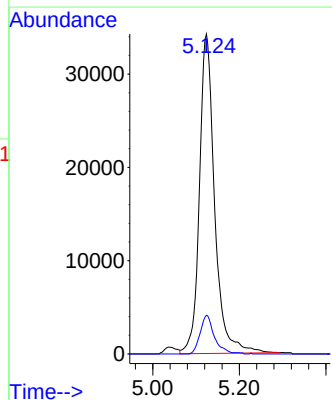
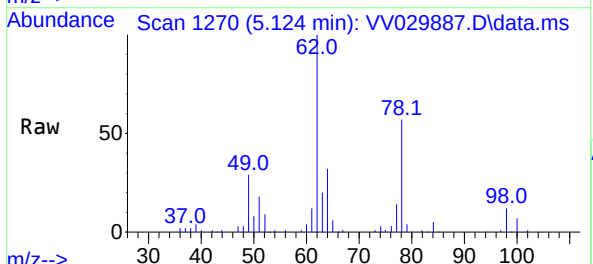
Acq: 16 Jan 2023 19:57

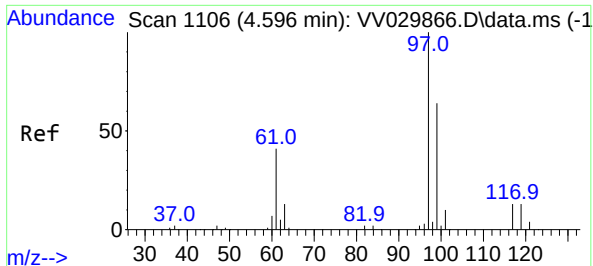
Tgt Ion: 62 Resp: 83568

Ion Ratio Lower Upper

62 100

98 12.1 8.9 13.3





#29

1,1,1-Trichloroethane

Concen: 5.867 ug/L

RT: 4.600 min Scan# 1106

Delta R.T. 0.003 min

Lab File: VV029887.D

Acq: 16 Jan 2023 19:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD005387

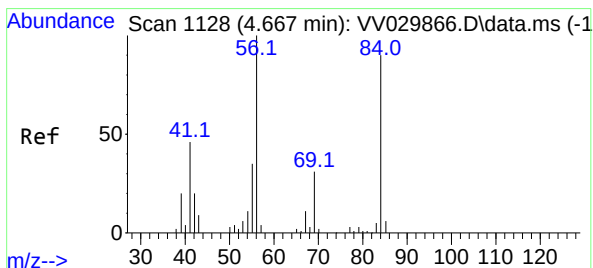
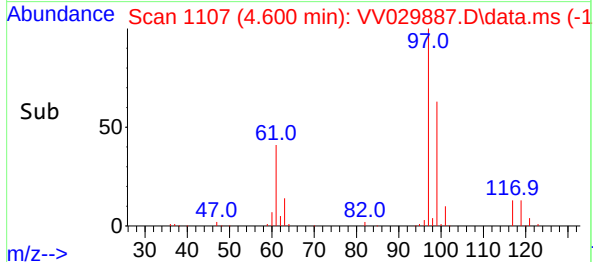
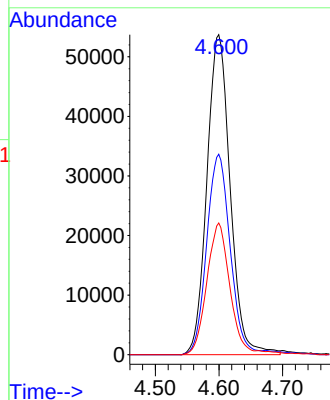
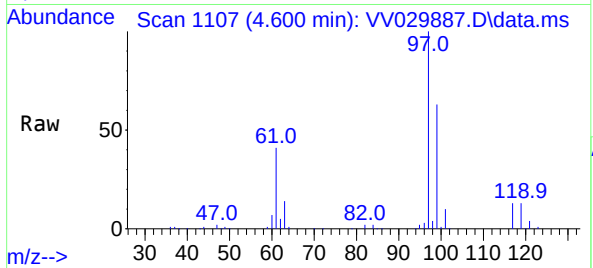
Tgt Ion: 97 Resp: 136642

Ion Ratio Lower Upper

97 100

99 63.0 51.3 76.9

61 40.3 31.6 47.4



#30

Cyclohexane

Concen: 5.850 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VV029887.D

Acq: 16 Jan 2023 19:57

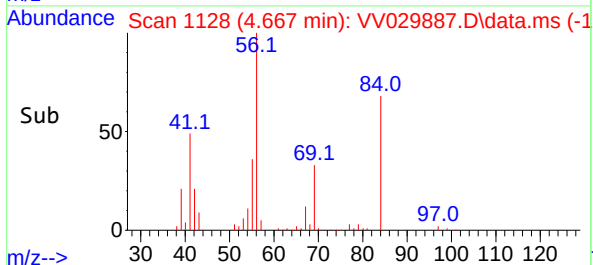
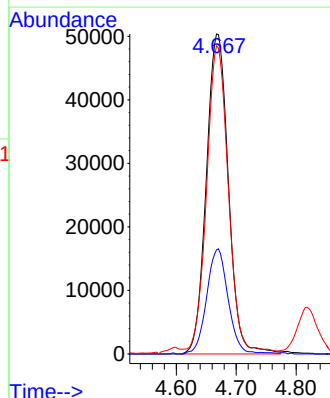
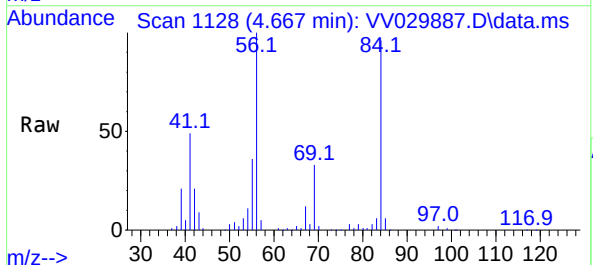
Tgt Ion: 56 Resp: 128974

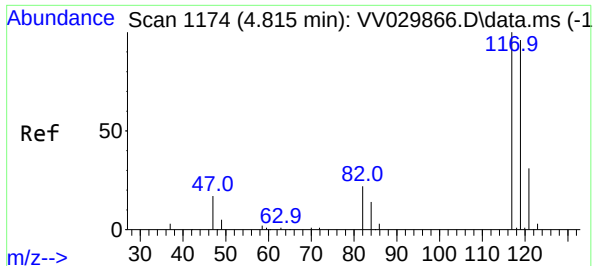
Ion Ratio Lower Upper

56 100

69 31.7 26.7 40.1

84 95.4 73.8 110.8

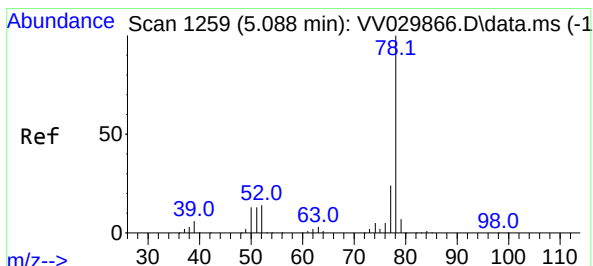
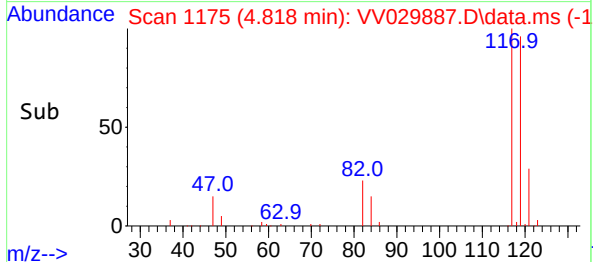
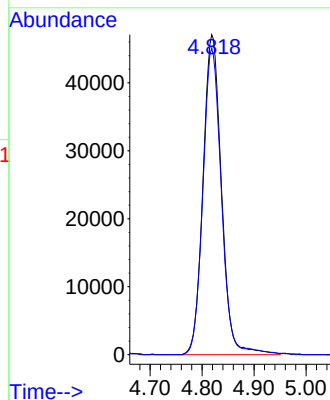
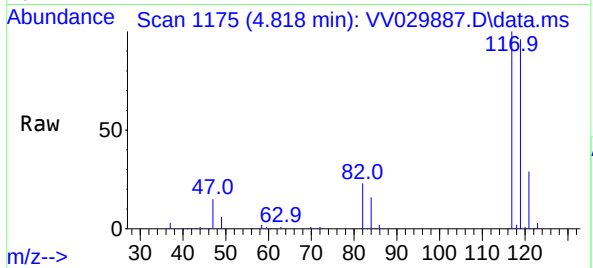




#31
Carbon tetrachloride
Concen: 5.719 ug/L
RT: 4.818 min Scan# 1174
Delta R.T. 0.003 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

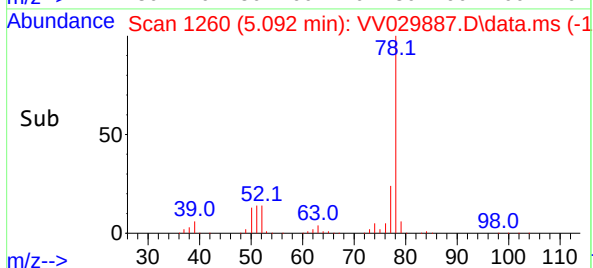
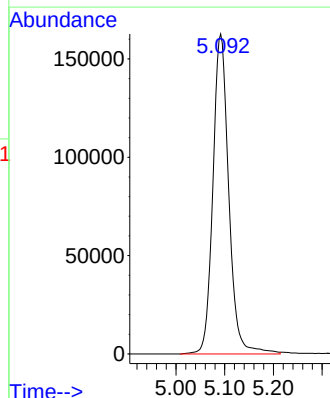
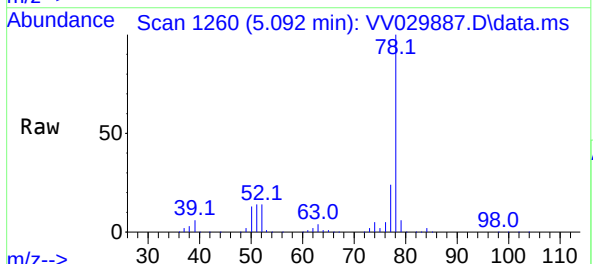
Instrument :
MSVOA_V
ClientSampleId :
VSTD005387

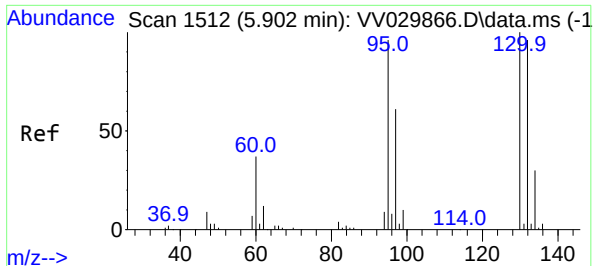
Tgt Ion:117 Resp: 115901
Ion Ratio Lower Upper
117 100
119 94.3 76.6 114.8



#33
Benzene
Concen: 6.204 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

Tgt Ion: 78 Resp: 367907





#34

Trichloroethene

Concen: 5.969 ug/L

RT: 5.905 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV029887.D

Acq: 16 Jan 2023 19:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD005387

Tgt Ion: 95 Resp: 89697

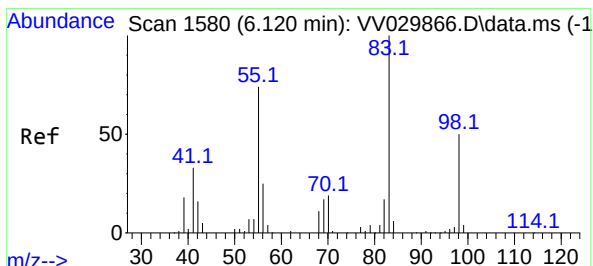
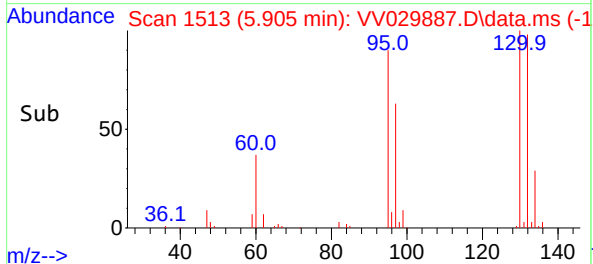
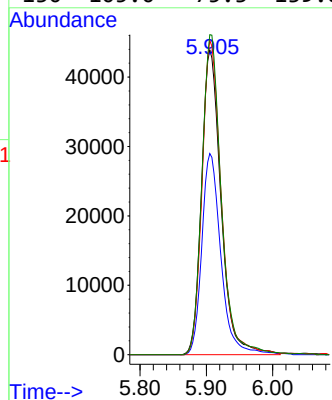
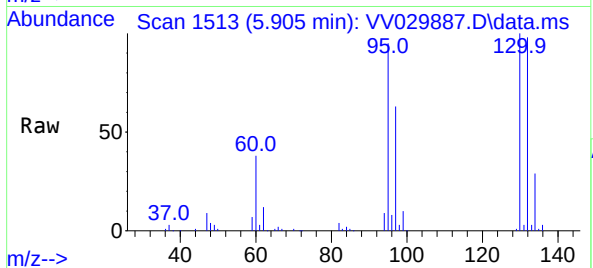
Ion Ratio Lower Upper

95 100

97 66.0 44.9 83.3

132 103.0 71.8 133.4

130 105.0 75.3 139.8



#35

Methylcyclohexane

Concen: 5.686 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. 0.003 min

Lab File: VV029887.D

Acq: 16 Jan 2023 19:57

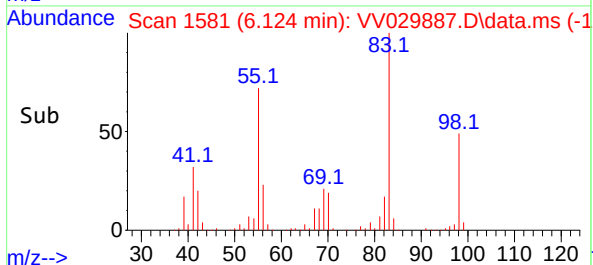
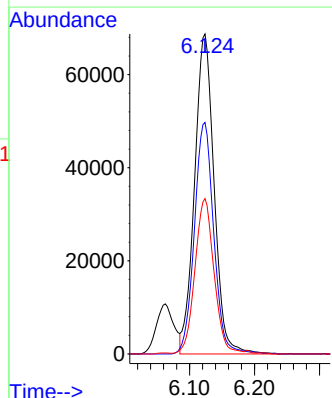
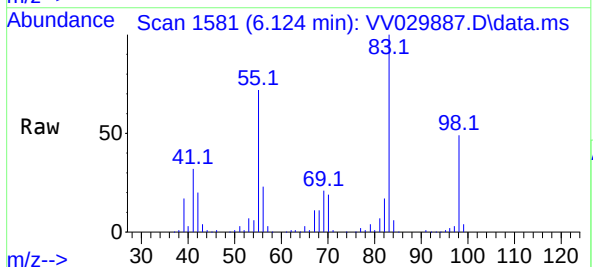
Tgt Ion: 83 Resp: 144261

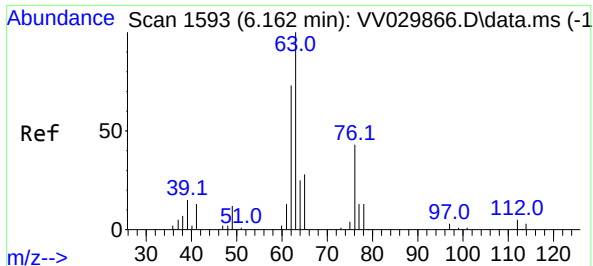
Ion Ratio Lower Upper

83 100

55 71.7 57.3 85.9

98 46.9 39.0 58.6

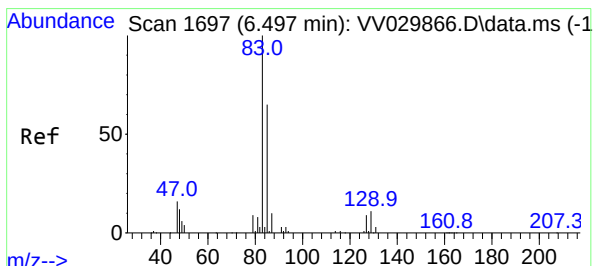
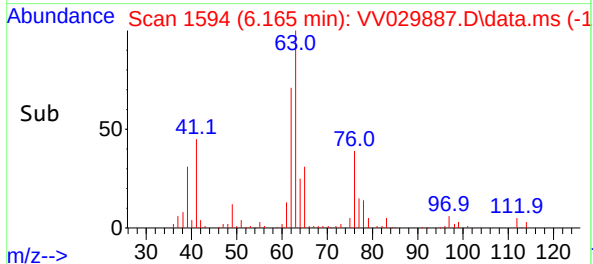
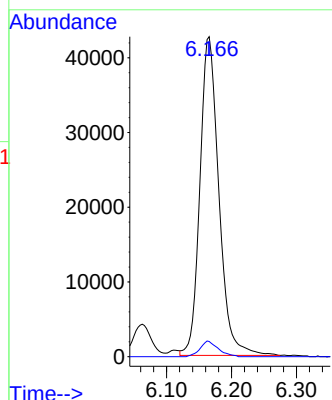
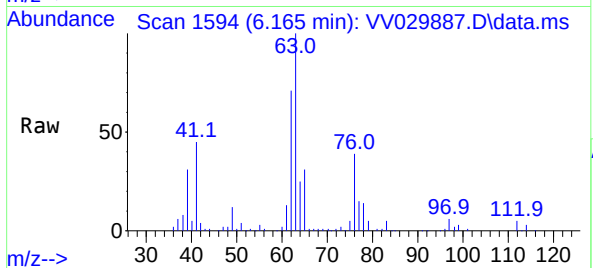




#37
1,2-Dichloropropane
Concen: 6.247 ug/L
RT: 6.165 min Scan# 1593
Delta R.T. 0.003 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

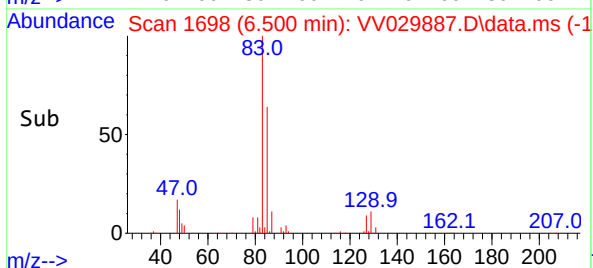
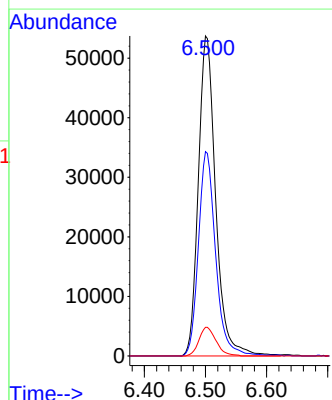
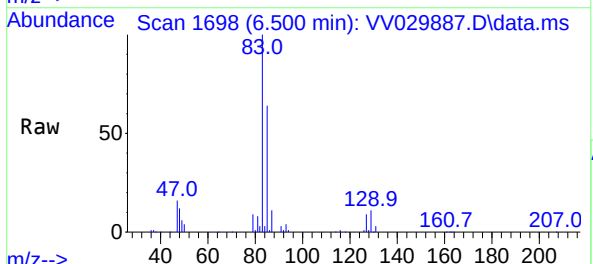
Instrument :
MSVOA_V
ClientSampleId :
VSTD005387

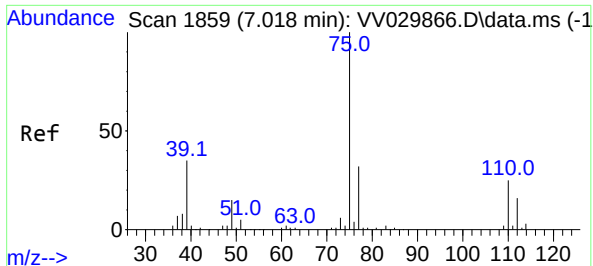
Tgt Ion: 63 Resp: 86747
Ion Ratio Lower Upper
63 100
112 4.7 3.9 5.9



#38
Bromodichloromethane
Concen: 5.894 ug/L
RT: 6.500 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

Tgt Ion: 83 Resp: 105855
Ion Ratio Lower Upper
83 100
85 63.8 43.2 80.2
127 9.0 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.768 ug/L

RT: 7.021 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV029887.D

Acq: 16 Jan 2023 19:57

Instrument :

MSVOA_V

ClientSampleId :

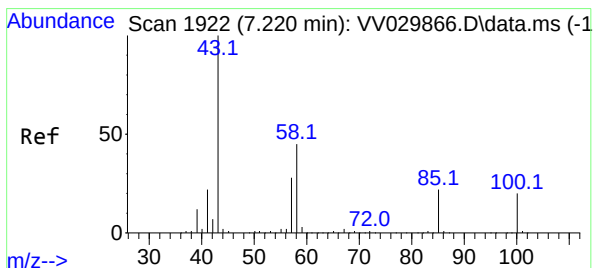
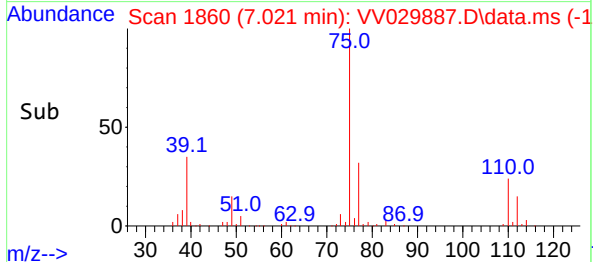
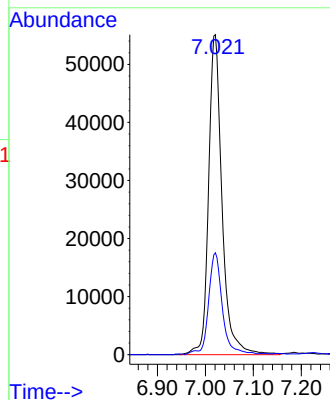
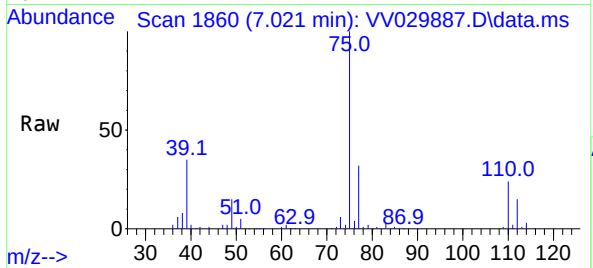
VSTD005387

Tgt Ion: 75 Resp: 107422

Ion Ratio Lower Upper

75 100

77 31.8 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 66.139 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV029887.D

Acq: 16 Jan 2023 19:57

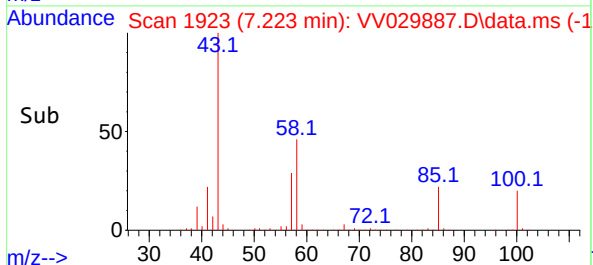
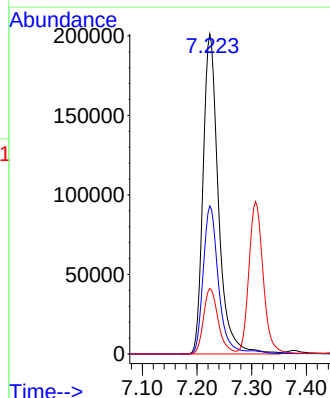
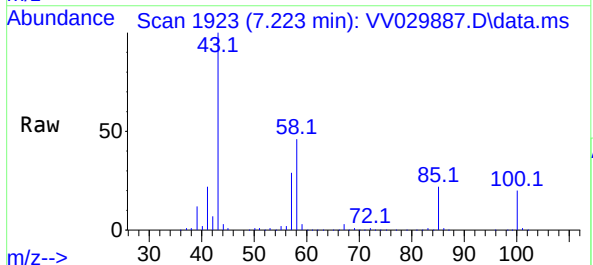
Tgt Ion: 43 Resp: 391953

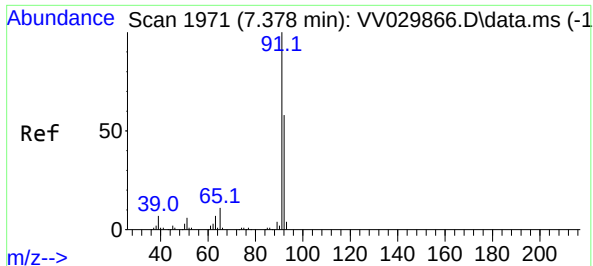
Ion Ratio Lower Upper

43 100

58 45.6 36.7 55.1

100 19.6 15.6 23.4





#42

Toluene

Concen: 6.080 ug/L

RT: 7.378 min Scan# 1971

Delta R.T. -0.000 min

Lab File: VV029887.D

Acq: 16 Jan 2023 19:57

Instrument :

MSVOA_V

ClientSampleId :

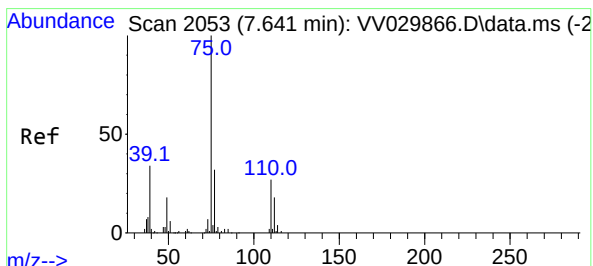
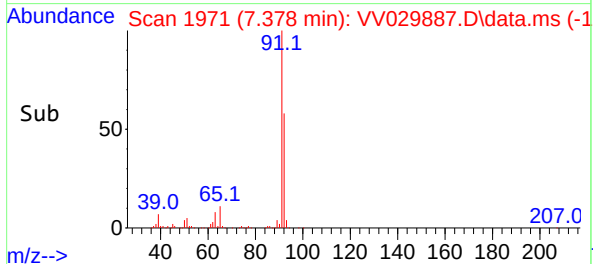
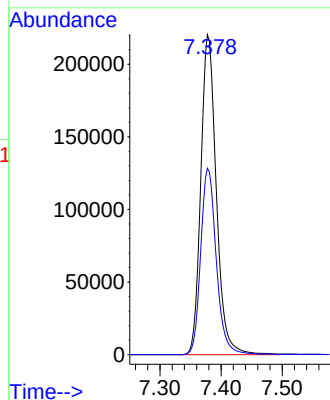
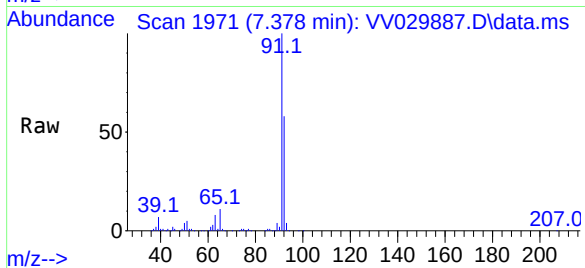
VSTD005387

Tgt Ion: 91 Resp: 388875

Ion Ratio Lower Upper

91 100

92 58.3 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.660 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. -0.000 min

Lab File: VV029887.D

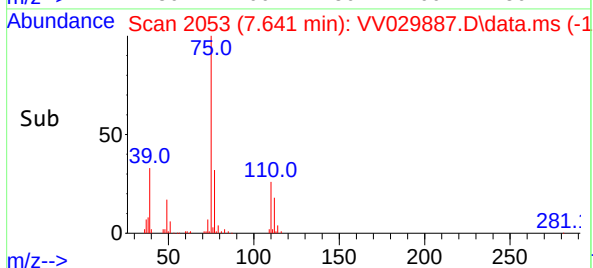
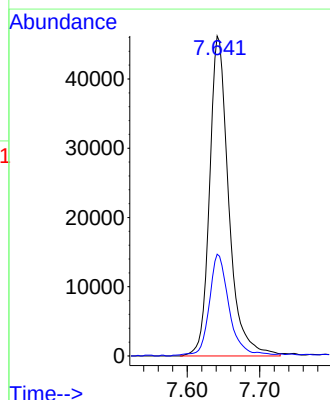
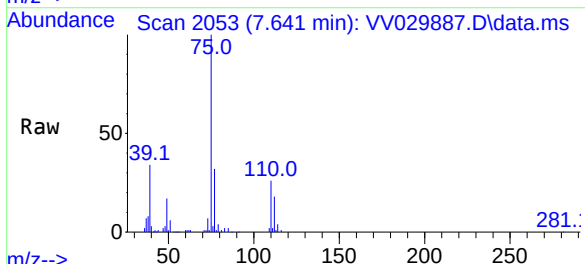
Acq: 16 Jan 2023 19:57

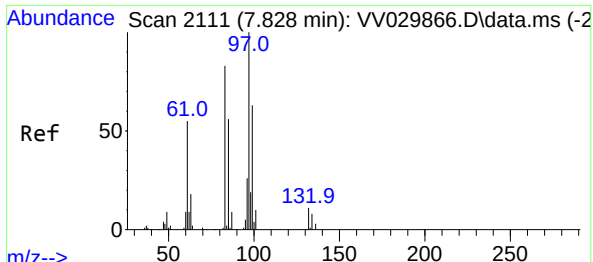
Tgt Ion: 75 Resp: 84935

Ion Ratio Lower Upper

75 100

77 31.8 21.9 40.7



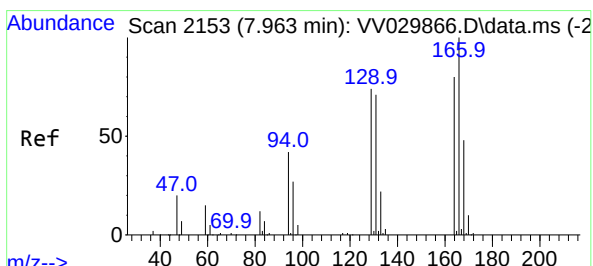
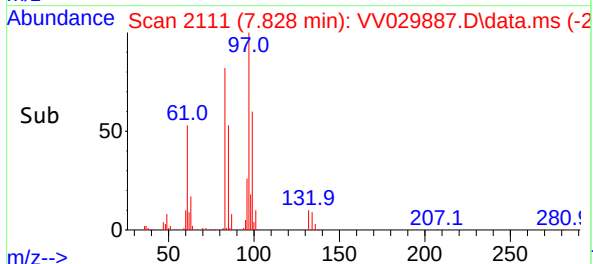
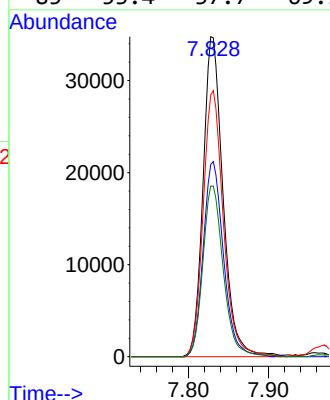
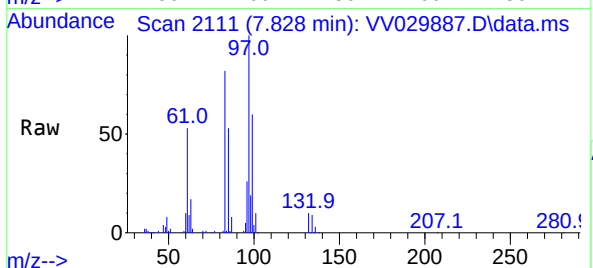


#45
1,1,2-Trichloroethane
Concen: 6.042 ug/L
RT: 7.828 min Scan# 2111
Delta R.T. -0.003 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD005387

Tgt Ion: 97 Resp: 60453

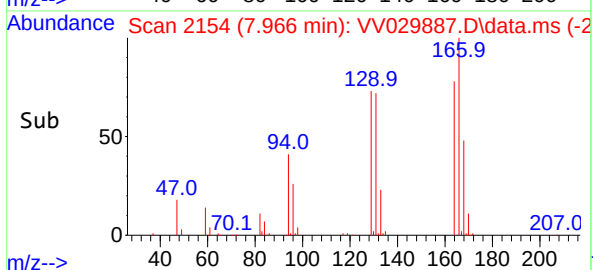
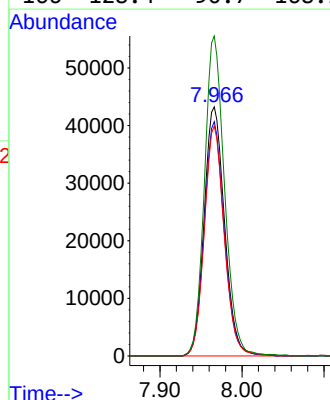
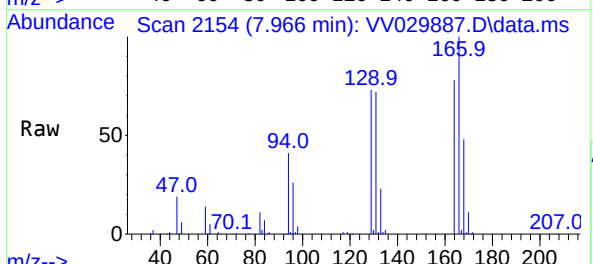
Ion	Ratio	Lower	Upper
97	100		
99	60.1	41.9	77.7
83	81.8	58.7	109.1
85	53.4	37.7	69.9

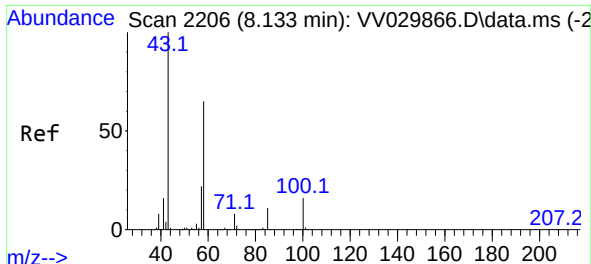


#47
Tetrachloroethene
Concen: 5.906 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

Tgt Ion: 164 Resp: 74719

Ion	Ratio	Lower	Upper
164	100		
129	94.0	64.5	119.7
131	92.3	62.9	116.7
166	128.4	90.7	168.5



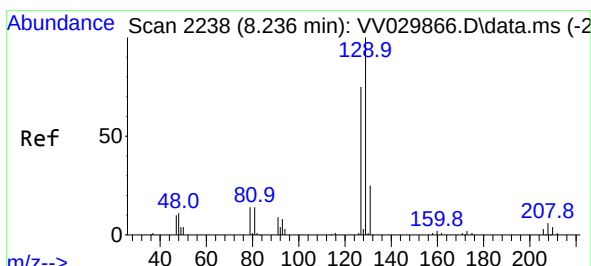
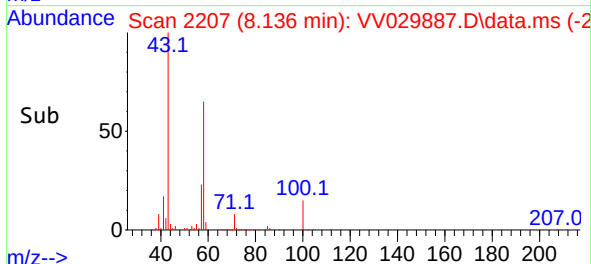
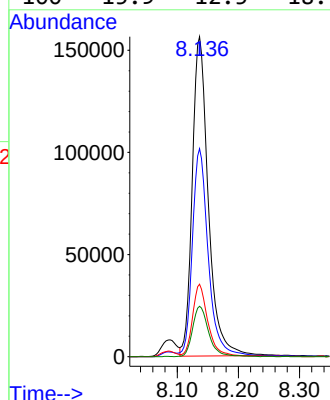
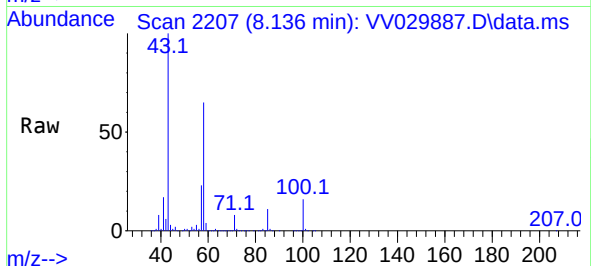


#48
2-Hexanone
Concen: 67.366 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD005387

Tgt Ion: 43 Resp: 285348

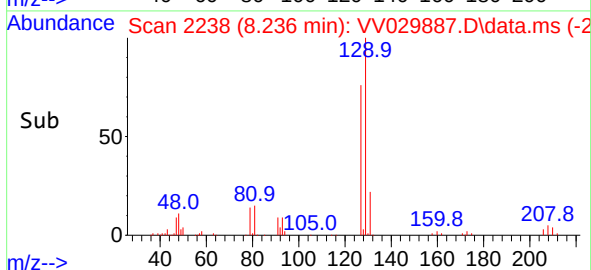
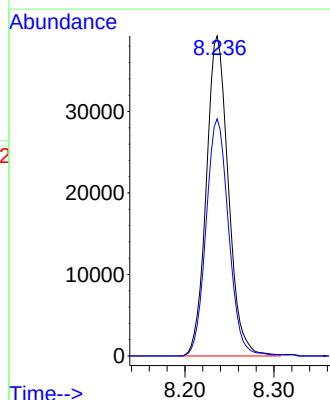
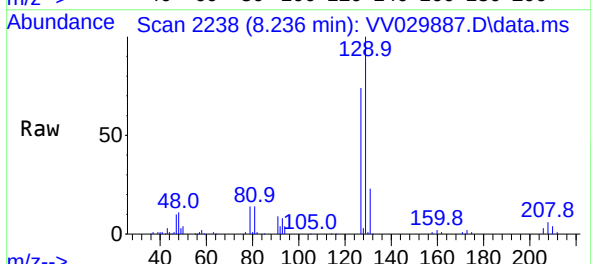
Ion	Ratio	Lower	Upper
43	100		
58	63.9	51.4	77.2
57	21.5	17.0	25.6
100	15.9	12.5	18.7

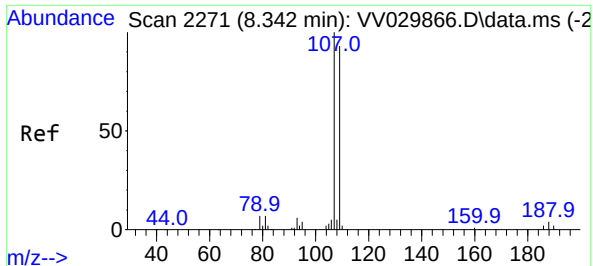


#49
Dibromochloromethane
Concen: 5.759 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

Tgt Ion: 129 Resp: 67621

Ion	Ratio	Lower	Upper
129	100		
127	74.1	54.1	100.5

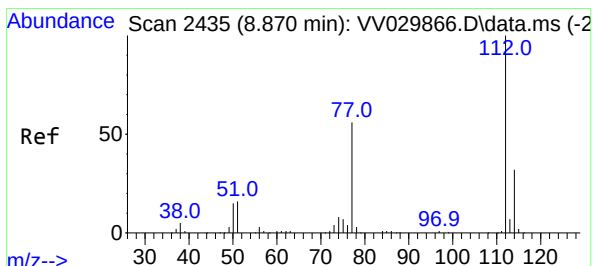
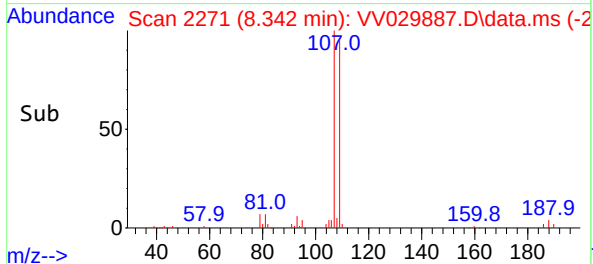
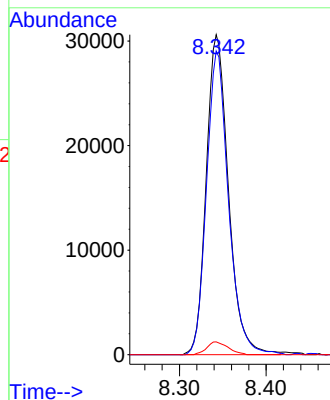
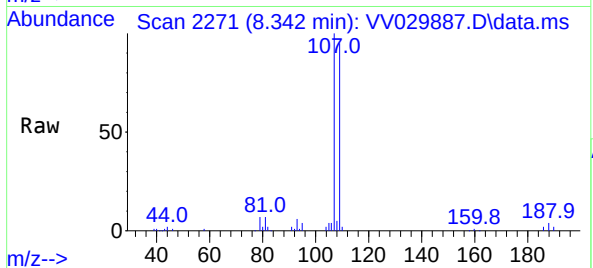




#50
1,2-Dibromoethane
Concen: 6.277 ug/L
RT: 8.342 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

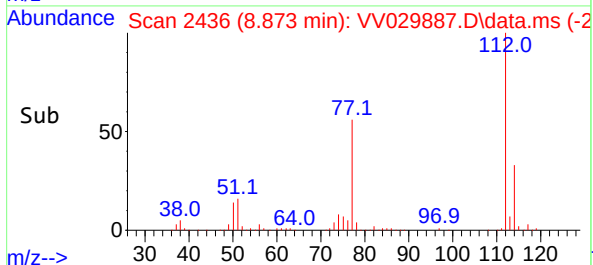
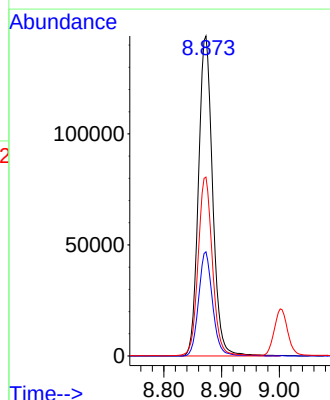
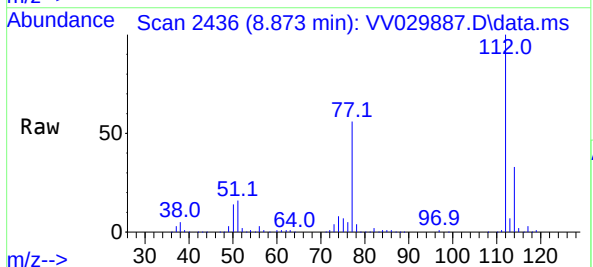
Instrument :
MSVOA_V
ClientSampleId :
VSTD005387

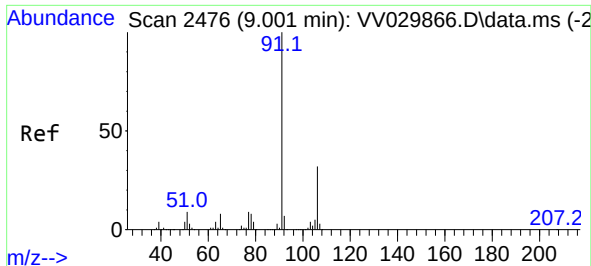
Tgt Ion:107 Resp: 54517
Ion Ratio Lower Upper
107 100
109 94.9 66.1 122.7
188 4.0 2.9 4.3



#51
Chlorobenzene
Concen: 6.030 ug/L
RT: 8.873 min Scan# 2436
Delta R.T. -0.000 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

Tgt Ion:112 Resp: 244883
Ion Ratio Lower Upper
112 100
114 32.5 22.5 41.9
77 55.9 46.1 69.1

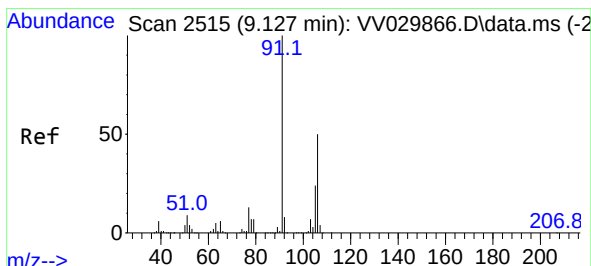
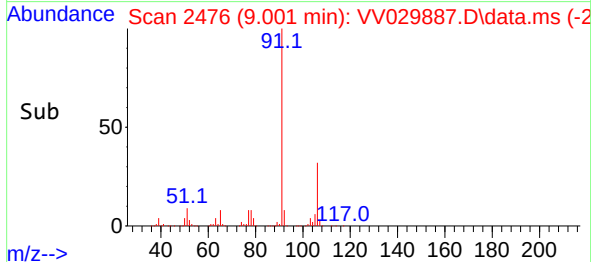
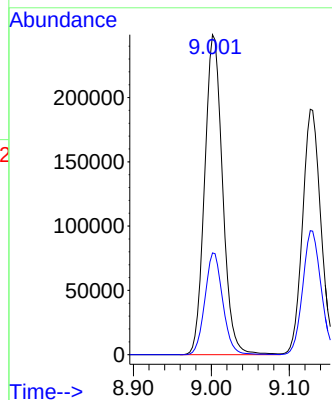
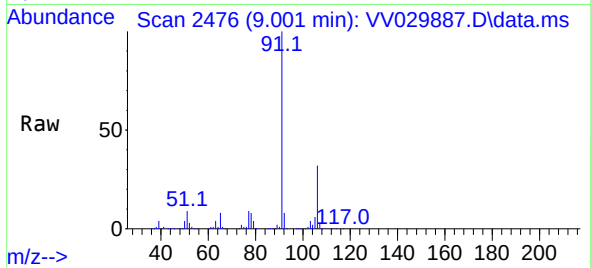




#52
Ethylbenzene
Concen: 5.953 ug/L
RT: 9.001 min Scan# 2476
Delta R.T. -0.000 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

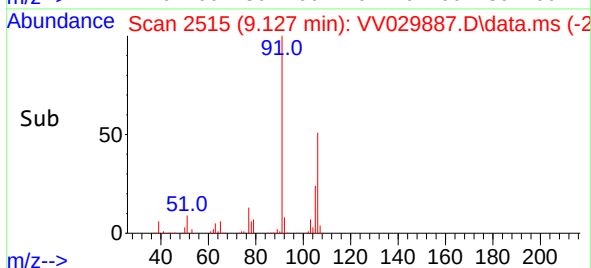
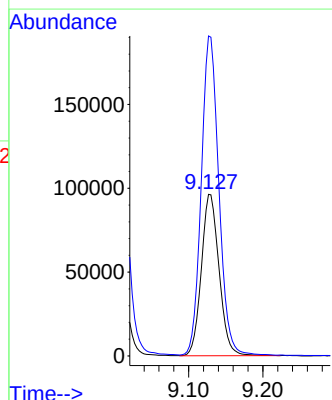
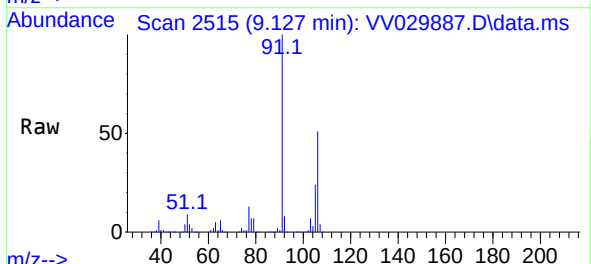
Instrument :
MSVOA_V
ClientSampleId :
VSTD005387

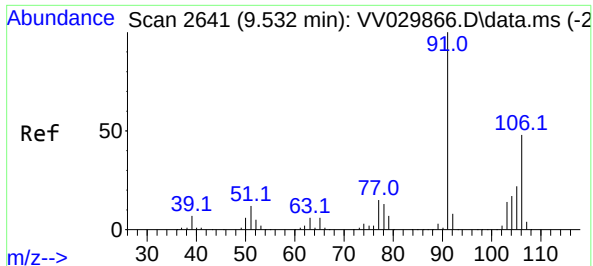
Tgt Ion: 91 Resp: 398463
Ion Ratio Lower Upper
91 100
106 31.8 21.9 40.7



#53
m,p-Xylene
Concen: 6.011 ug/L
RT: 9.127 min Scan# 2515
Delta R.T. -0.003 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

Tgt Ion: 106 Resp: 159259
Ion Ratio Lower Upper
106 100
91 197.9 138.7 257.7

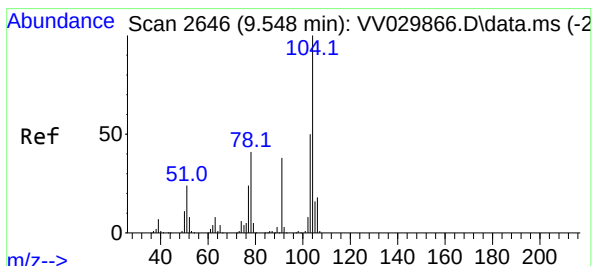
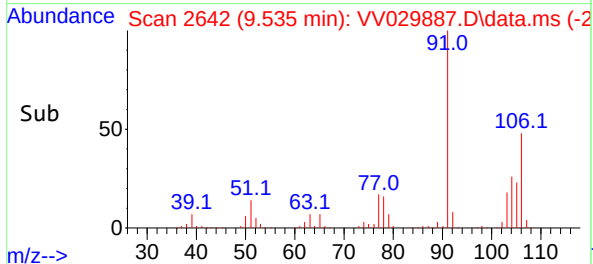
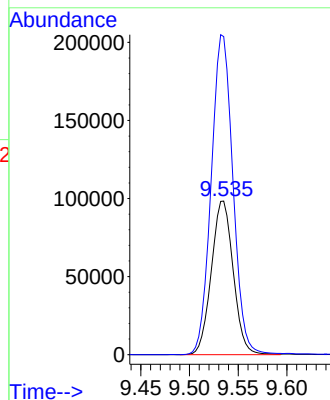
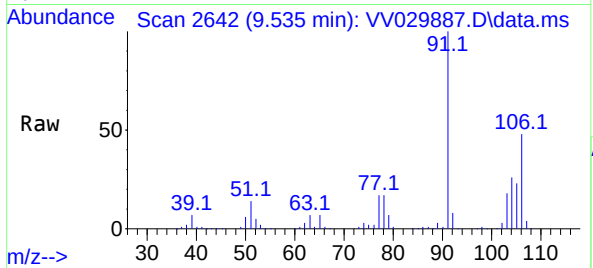




#54
o-Xylene
Concen: 6.117 ug/L
RT: 9.535 min Scan# 2641
Delta R.T. 0.003 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

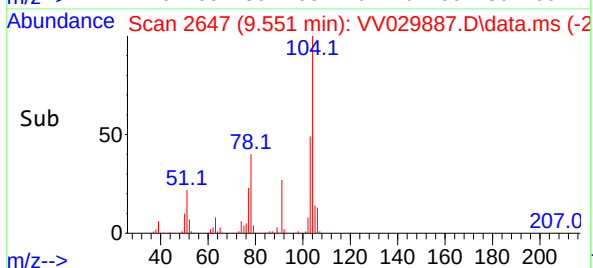
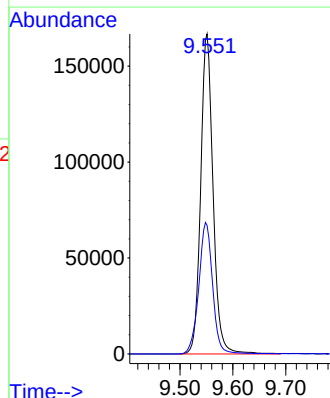
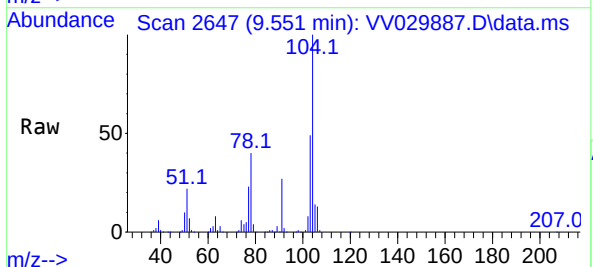
Instrument :
MSVOA_V
ClientSampleId :
VSTD005387

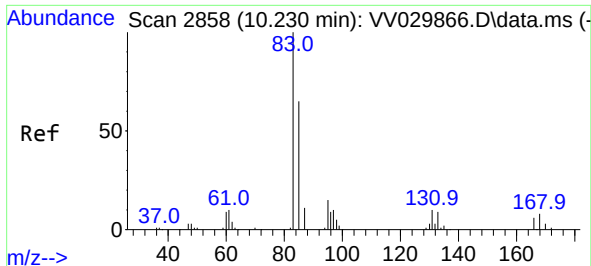
Tgt Ion:106 Resp: 153803
Ion Ratio Lower Upper
106 100
91 207.2 147.7 274.3



#55
Styrene
Concen: 6.272 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.000 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

Tgt Ion:104 Resp: 271236
Ion Ratio Lower Upper
104 100
78 40.1 28.6 53.2

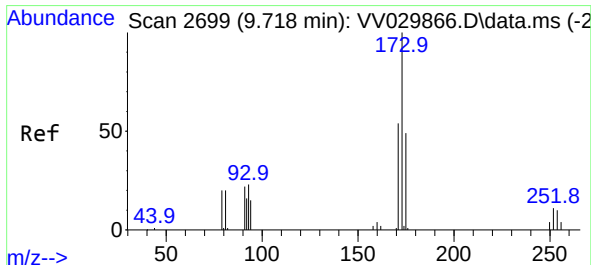
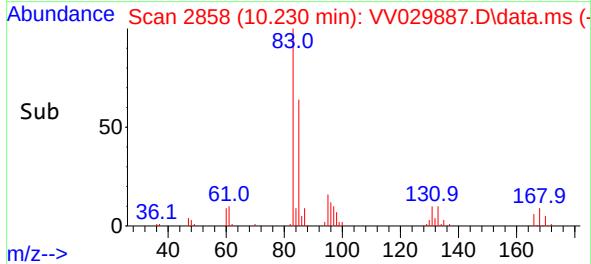
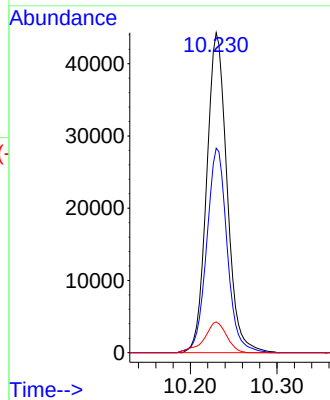
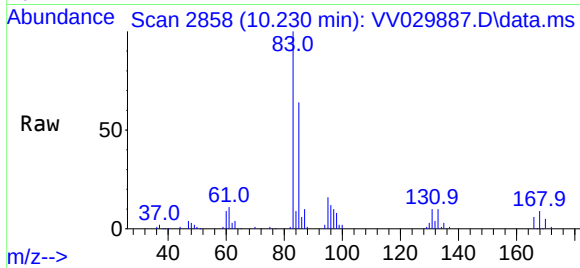




#57
1,1,2,2-Tetrachloroethane
Concen: 6.502 ug/L
RT: 10.230 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

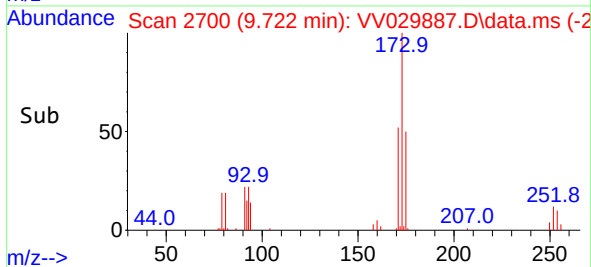
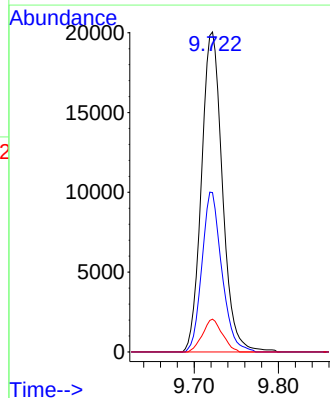
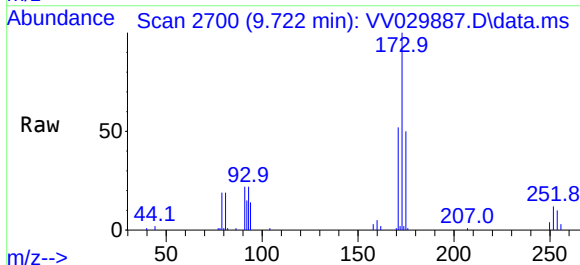
Instrument :
MSVOA_V
ClientSampleId :
VSTD005387

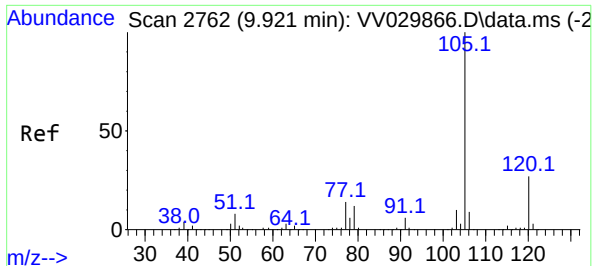
Tgt Ion: 83 Resp: 72262
Ion Ratio Lower Upper
83 100
85 63.9 46.0 85.4
131 9.6 8.4 12.6



#59
Bromoform
Concen: 5.046 ug/L
RT: 9.722 min Scan# 2700
Delta R.T. 0.003 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

Tgt Ion: 173 Resp: 34635
Ion Ratio Lower Upper
173 100
175 47.6 38.6 57.8
254 9.7 7.9 11.9

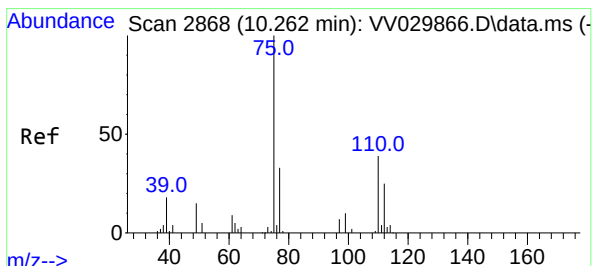
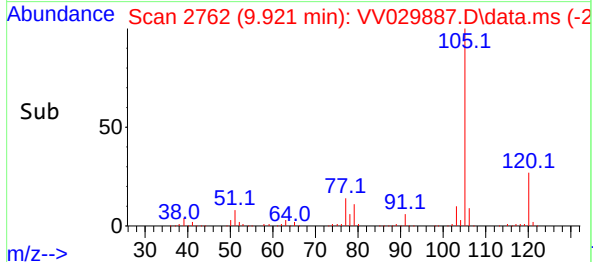
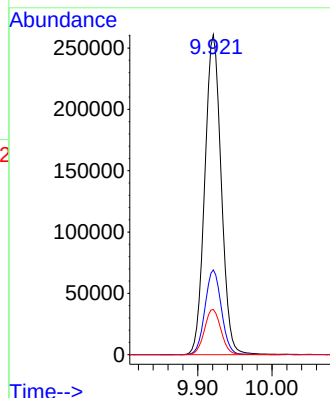
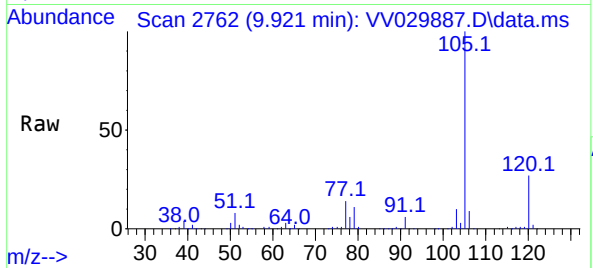




#60
Isopropylbenzene
Concen: 5.909 ug/L
RT: 9.921 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

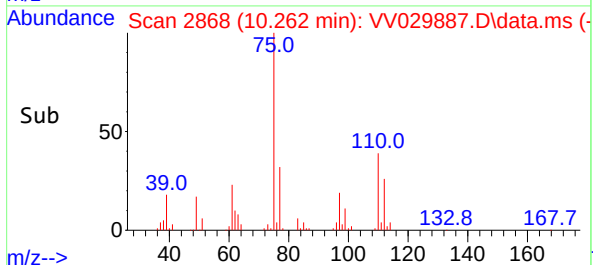
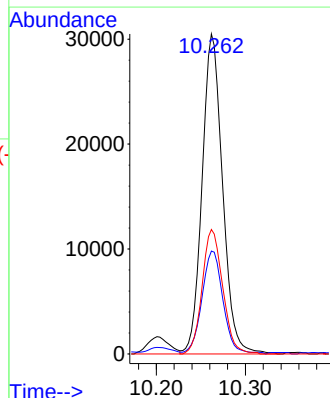
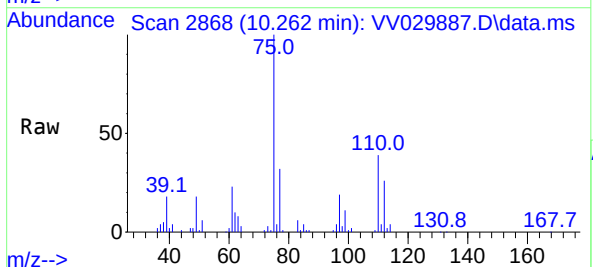
Instrument :
MSVOA_V
ClientSampleId :
VSTD005387

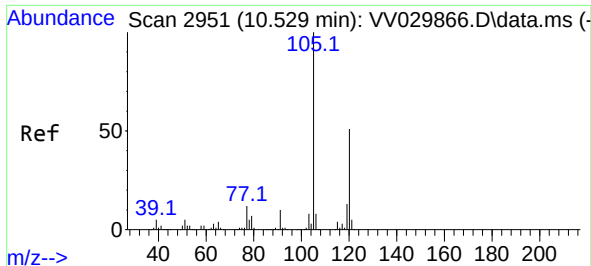
Tgt Ion:105 Resp: 400218
Ion Ratio Lower Upper
105 100
120 26.5 21.2 31.8
77 14.4 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 6.197 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. -0.000 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

Tgt Ion: 75 Resp: 48624
Ion Ratio Lower Upper
75 100
77 33.2 26.5 39.7
110 39.1 31.8 47.8

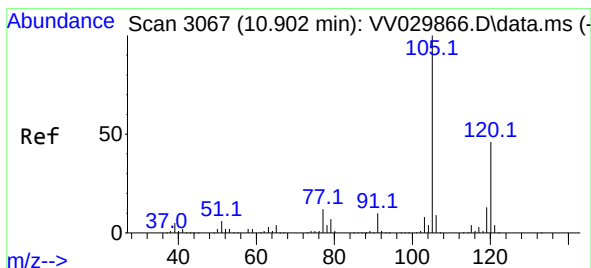
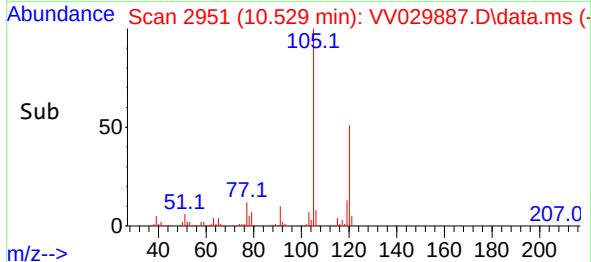
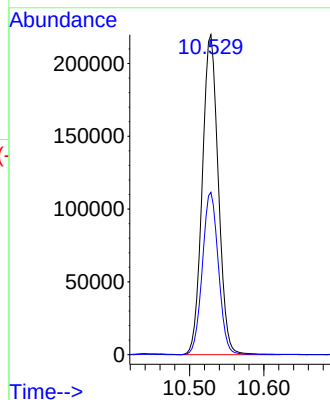
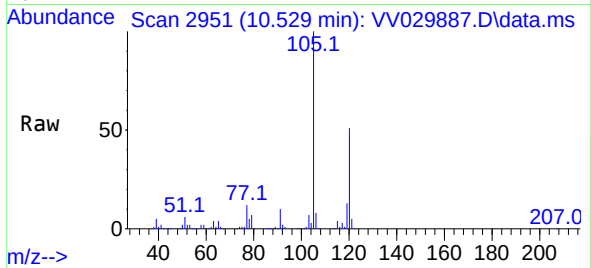




#62
1,3,5-Trimethylbenzene
Concen: 5.695 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

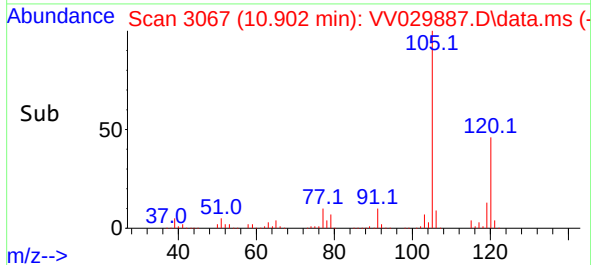
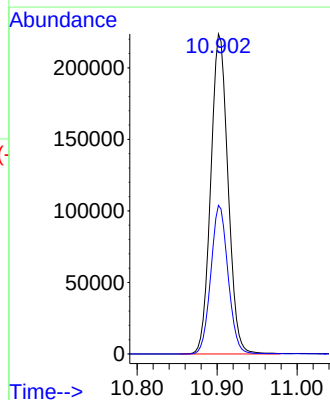
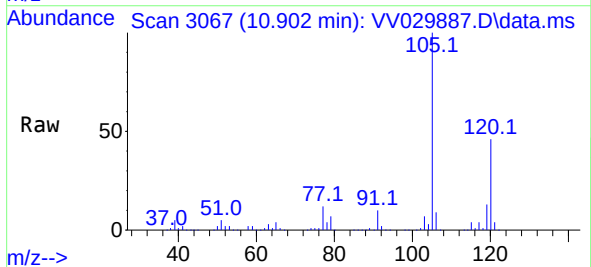
Instrument :
MSVOA_V
ClientSampleId :
VSTD005387

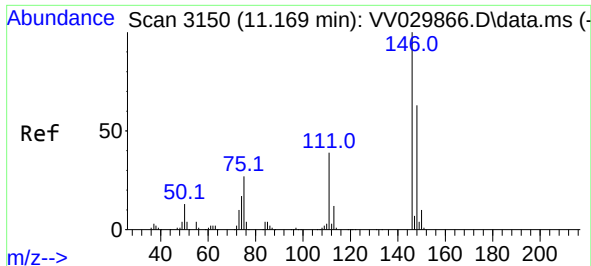
Tgt Ion:105 Resp: 330596
Ion Ratio Lower Upper
105 100
120 50.7 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 5.794 ug/L
RT: 10.902 min Scan# 3067
Delta R.T. -0.000 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

Tgt Ion:105 Resp: 335372
Ion Ratio Lower Upper
105 100
120 46.3 37.4 56.0

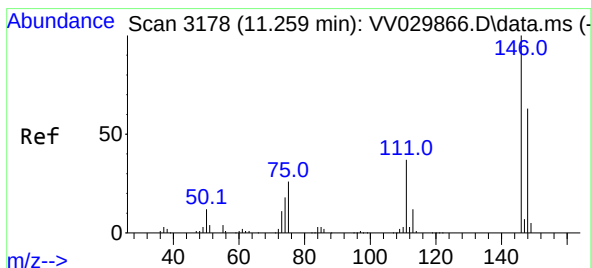
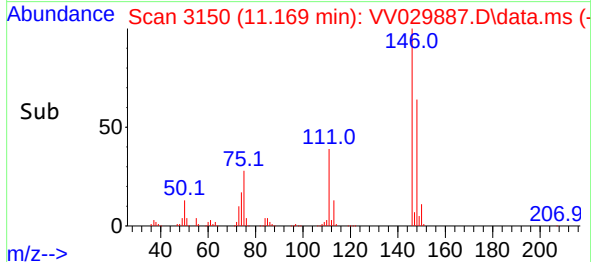
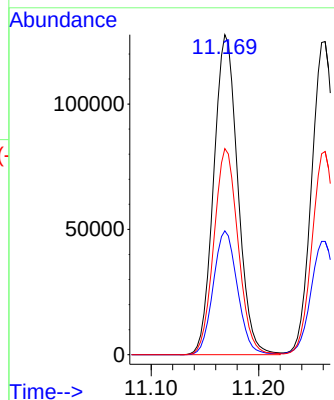
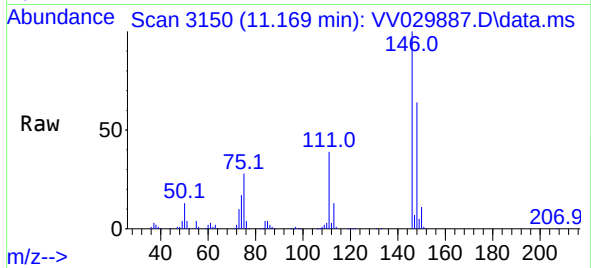




#64
1,3-Dichlorobenzene
Concen: 5.784 ug/L
RT: 11.169 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

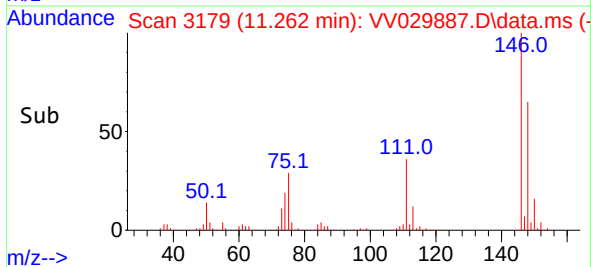
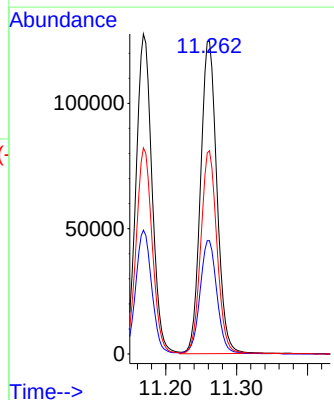
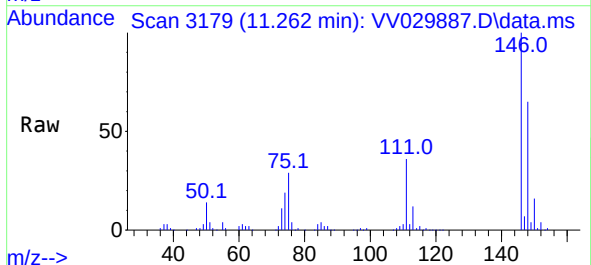
Instrument :
MSVOA_V
ClientSampleId :
VSTD005387

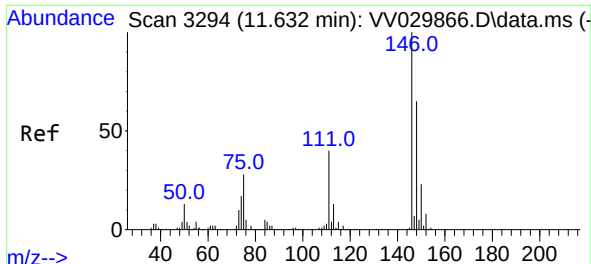
Tgt Ion:146 Resp: 198941
Ion Ratio Lower Upper
146 100
111 38.7 27.2 50.6
148 64.4 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 5.836 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

Tgt Ion:146 Resp: 200094
Ion Ratio Lower Upper
146 100
111 36.2 26.5 49.1
148 64.9 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 5.928 ug/L

RT: 11.632 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029887.D

Acq: 16 Jan 2023 19:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD005387

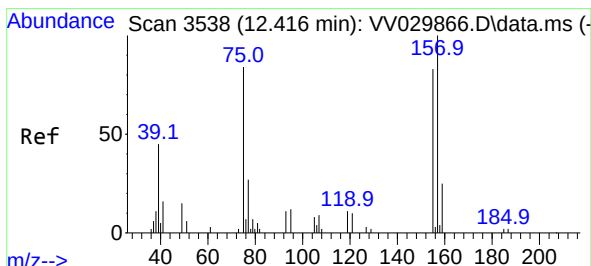
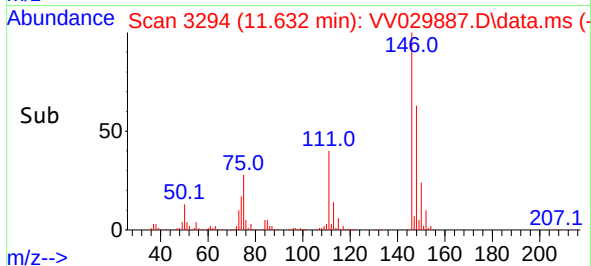
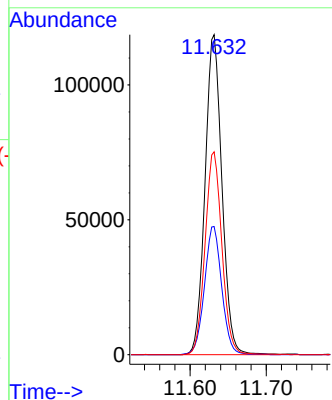
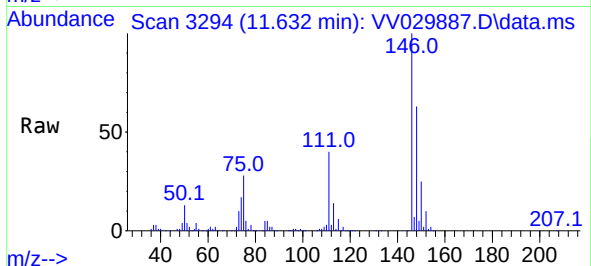
Tgt Ion:146 Resp: 183295

Ion Ratio Lower Upper

146 100

111 40.1 31.8 47.8

148 63.4 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.289 ug/L

RT: 12.416 min Scan# 3538

Delta R.T. -0.000 min

Lab File: VV029887.D

Acq: 16 Jan 2023 19:57

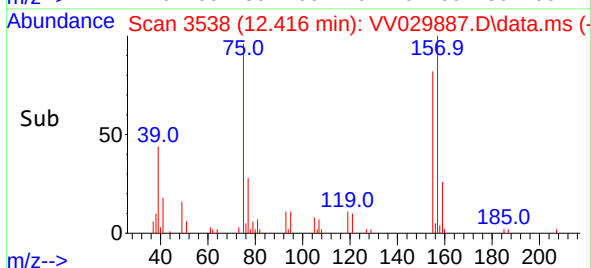
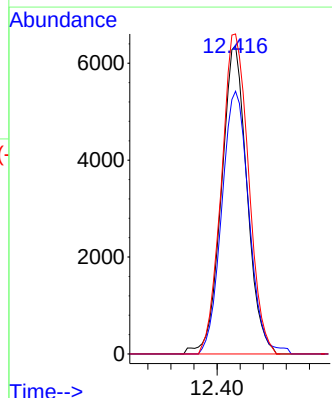
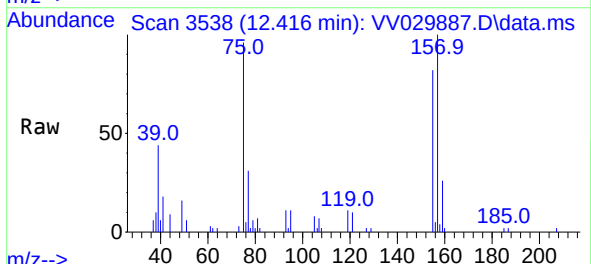
Tgt Ion: 75 Resp: 9814

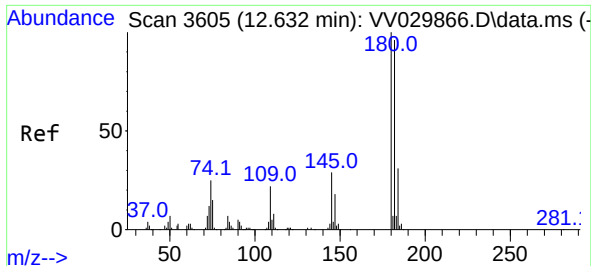
Ion Ratio Lower Upper

75 100

155 85.3 75.5 113.3

157 103.8 99.2 148.8



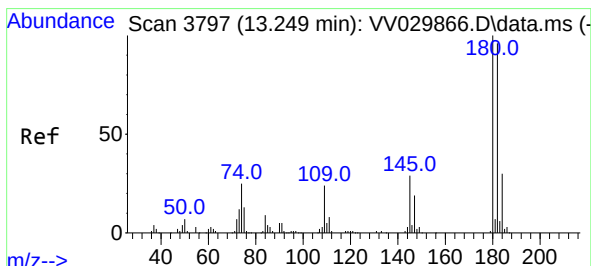
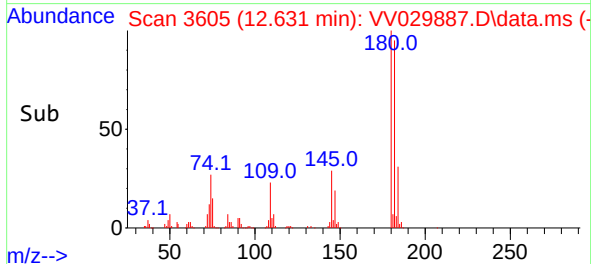
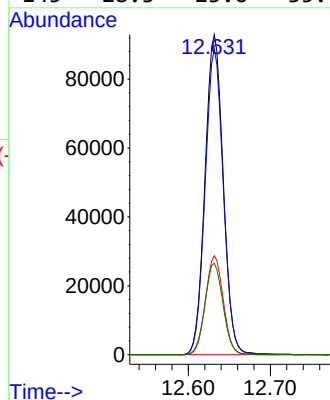
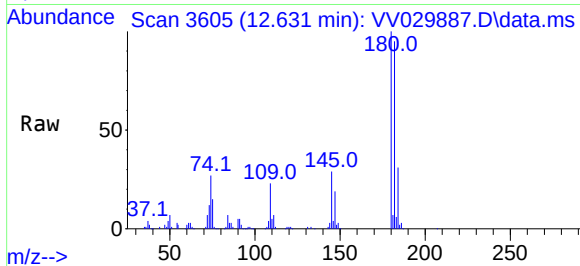


#69
1,3,5-Trichlorobenzene
Concen: 5.205 ug/L
RT: 12.631 min Scan# 30
Delta R.T. -0.000 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD005387

Tgt Ion:180 Resp: 144110

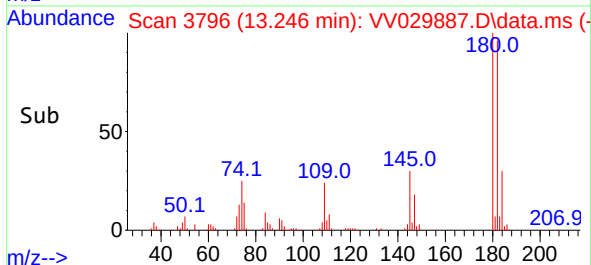
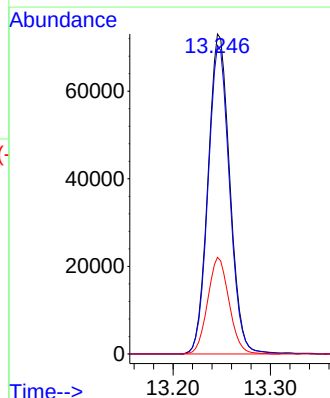
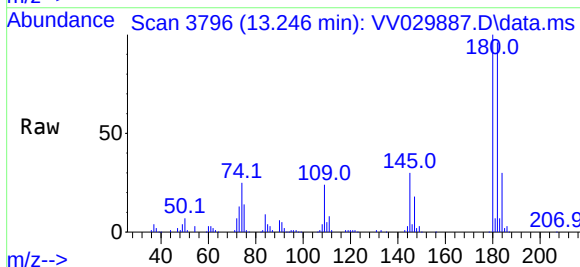
Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.4	113.2
184	30.0	23.9	35.9
145	28.3	23.6	35.4

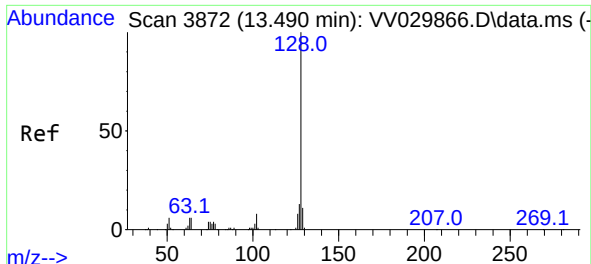


#70
1,2,4-trichlorobenzene
Concen: 5.247 ug/L
RT: 13.246 min Scan# 3796
Delta R.T. -0.000 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

Tgt Ion:180 Resp: 113511

Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.8	113.8
145	29.6	23.7	35.5

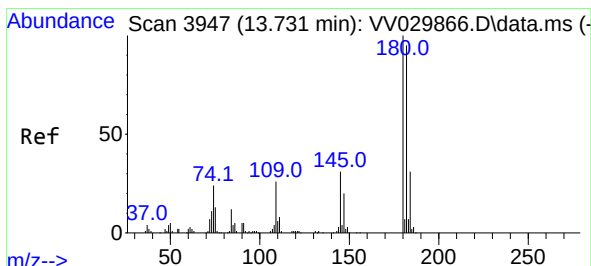
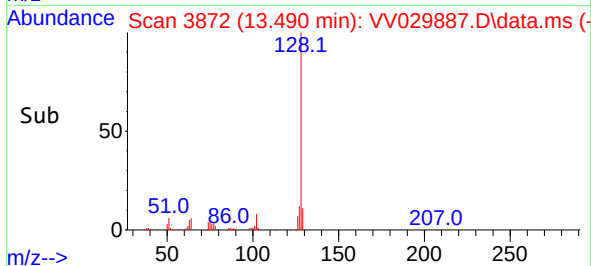
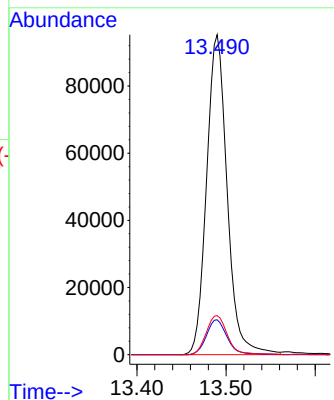
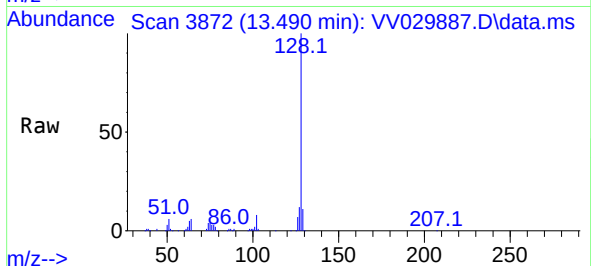




#71
Naphthalene
Concen: 5.449 ug/L
RT: 13.490 min Scan# 3872
Delta R.T. -0.000 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD005387

Tgt Ion:128 Resp: 152728
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 12.4 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.374 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. 0.003 min
Lab File: VV029887.D
Acq: 16 Jan 2023 19:57

Tgt Ion:180 Resp: 96488
Ion Ratio Lower Upper
180 100
182 95.6 75.5 113.3
145 31.4 25.0 37.6

