

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020422\
 Data File : VW024560.D
 Acq On : 04 Feb 2022 13:31
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050284

Quant Time: Feb 05 00:19:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM020222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 05 00:18:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	304499	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	286835	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	132782	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	79970	36.984	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.960%
7) Chloroethane-d5	1.568	69	91931	48.778	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.560%
11) 1,1-Dichloroethene-d2	2.108	63	177394	41.179	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.360%
21) 2-Butanone-d5	3.876	46	151392	105.857	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.860%
24) Chloroform-d	4.343	84	190096	47.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.740%
26) 1,2-Dichloroethane-d4	5.024	65	125219	49.402	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.800%
32) Benzene-d6	5.043	84	364626	44.708	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.420%
36) 1,2-Dichloropropane-d6	6.063	67	120977	46.596	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.200%
41) Toluene-d8	7.310	98	323496	43.099	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	7.616	79	63070	46.163	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.320%
47) 2-Hexanone-d5	8.082	63	113066	102.533	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.530%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	158394	50.888	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.780%
66) 1,2-Dichlorobenzene-d4	11.622	152	118510	47.173	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	90334	40.127	ug/L	100
3) Chloromethane	1.243	50	108905	48.525	ug/L	99
5) Vinyl chloride	1.311	62	106360	44.606	ug/L	96
6) Bromomethane	1.523	94	81862	55.774	ug/L	97
8) Chloroethane	1.584	64	91063	55.986	ug/L	100
9) Trichlorofluoromethane	1.751	101	155039	43.855	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	84408	45.070	ug/L	97
12) 1,1-Dichloroethene	2.118	96	84189	46.727	ug/L	97
13) Acetone	2.175	43	98553	65.552	ug/L	100
14) Carbon disulfide	2.291	76	220627	44.159	ug/L	99
15) Methyl Acetate	2.429	43	108839	54.648	ug/L	100
16) Methylene chloride	2.503	84	105289	52.905	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	89705	48.687	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	352082	54.720	ug/L	99
19) 1,1-Dichloroethane	3.185	63	183514	51.385	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	108273	52.056	ug/L	97
22) 2-Butanone	3.963	43	148563	87.755	ug/L	96
23) Bromochloromethane	4.240	128	53996	53.948	ug/L	98
25) Chloroform	4.368	83	192459	51.788	ug/L	99

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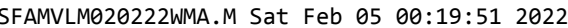
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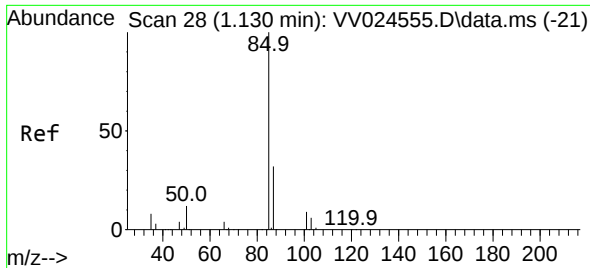
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	155272	53.303	ug/L	99
29) Cyclohexane	4.671	56	132830	39.674	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	155265	45.268	ug/L	100
31) Carbon tetrachloride	4.822	117	125233	44.213	ug/L	100
33) Benzene	5.092	78	399075	48.899	ug/L	100
34) Trichloroethene	5.908	95	108982	47.396	ug/L	98
35) Methylcyclohexane	6.124	83	142556	41.089	ug/L	98
37) 1,2-Dichloropropane	6.166	63	112400	52.232	ug/L	99
38) Bromodichloromethane	6.503	83	155955	51.692	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	179368	50.781	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	319235	105.918	ug/L	100
42) Toluene	7.381	91	422800	48.357	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	176301	51.394	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	106690	51.859	ug/L	100
46) Tetrachloroethene	7.969	164	61958	45.353	ug/L	97
48) 2-Hexanone	8.133	43	249135	97.186	ug/L	100
49) Dibromochloromethane	8.243	129	114381	52.674	ug/L	99
50) 1,2-Dibromoethane	8.349	107	112960	52.801	ug/L	99
51) Chlorobenzene	8.876	112	270771	49.623	ug/L	99
52) Ethylbenzene	9.008	91	454067	46.927	ug/L	98
53) m,p-Xylene	9.133	106	170619	47.125	ug/L	96
54) o-Xylene	9.538	106	175291	48.480	ug/L	99
55) Styrene	9.558	104	303009	49.500	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	154832	52.557	ug/L	100
59) Bromoform	9.728	173	69993	54.615	ug/L	99
60) Isopropylbenzene	9.928	105	444320	46.858	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	139749	53.018	ug/L	100
62) 1,3,5-Trimethylbenzene	10.535	105	387481	47.854	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	394651	48.429	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	193399	49.878	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	195428	49.761	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	198356	51.170	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	36807	52.985	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	127572	49.612	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	119006	51.941	ug/L	98
71) Naphthalene	13.500	128	455626	54.243	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	120336	53.768	ug/L	98

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

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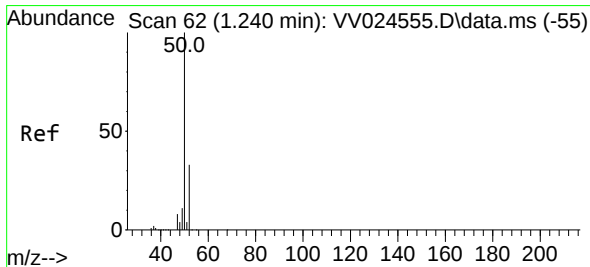
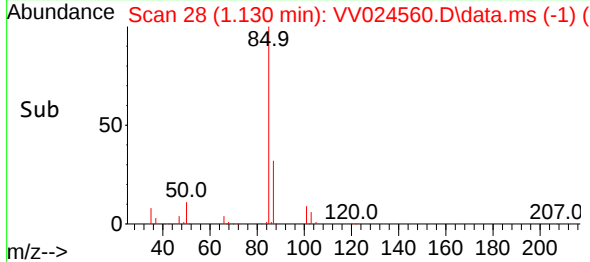
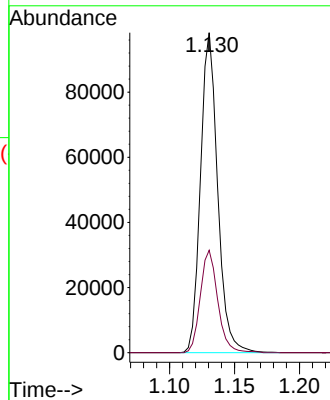
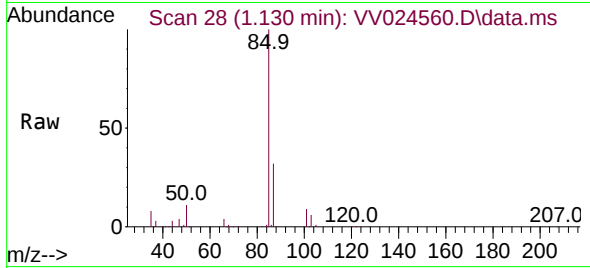




#2
 Dichlorodifluoromethane
 Concen: 40.127 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV024560.D
 Acq: 04 Feb 2022 13:31

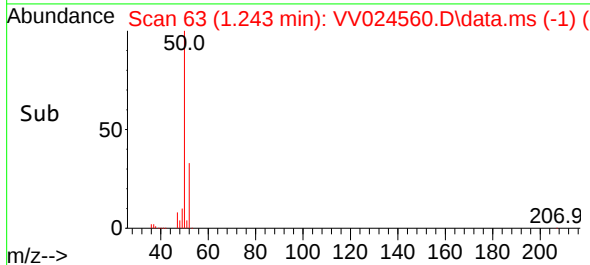
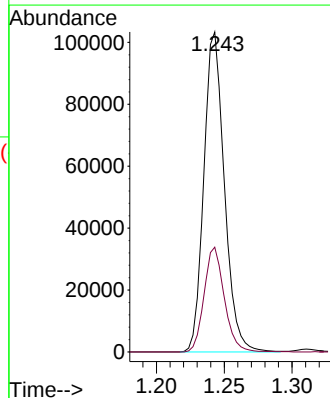
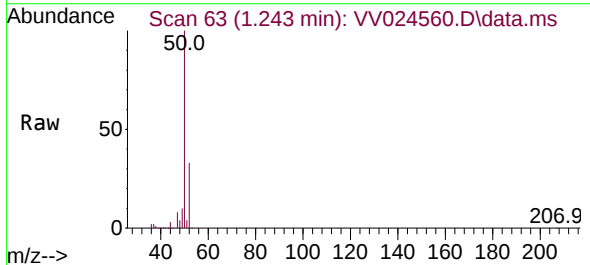
Instrument :
 MSVOA_V
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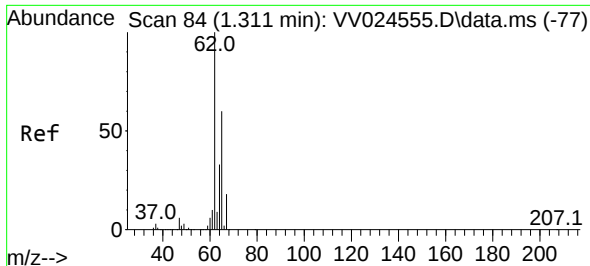
Tgt Ion: 85 Resp: 90334
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.2 39.4



#3
 Chloromethane
 Concen: 48.525 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV024560.D
 Acq: 04 Feb 2022 13:31

Tgt Ion: 50 Resp: 108905
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.5 41.7

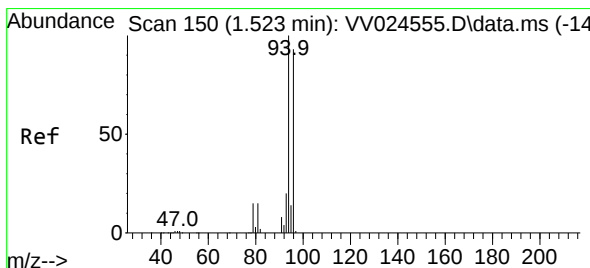
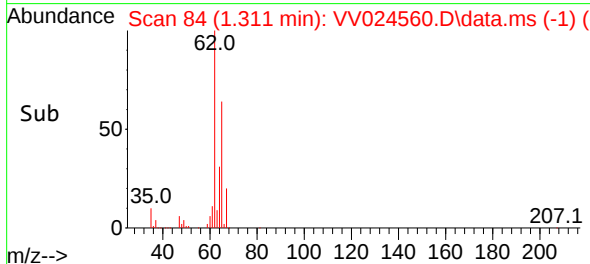
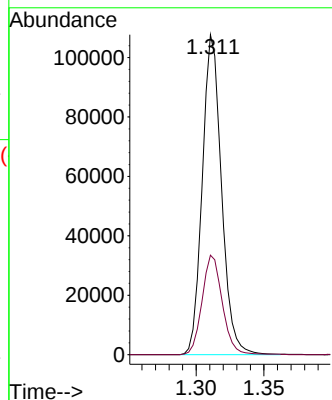
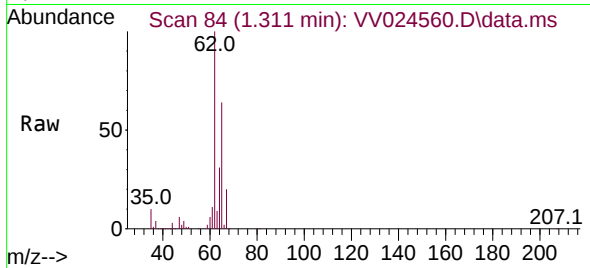




#5
 Vinyl chloride
 Concen: 44.606 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024560.D
 Acq: 04 Feb 2022 13:31

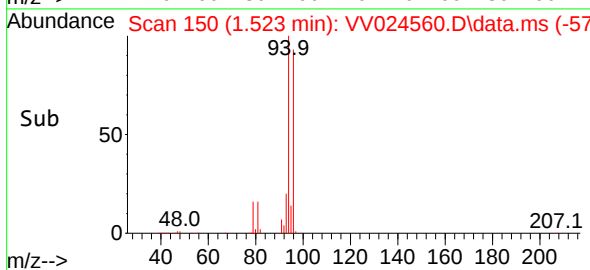
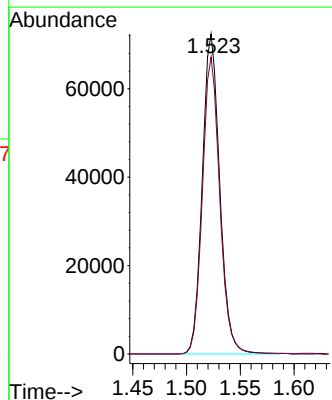
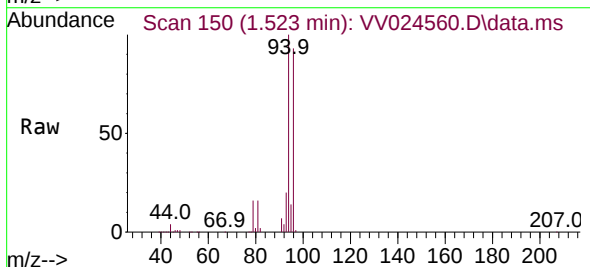
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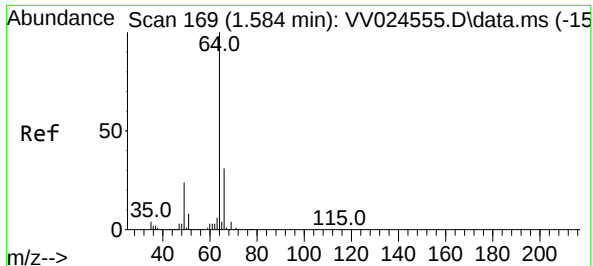
Tgt Ion: 62 Resp: 106360
 Ion Ratio Lower Upper
 62 100
 64 31.1 23.4 43.6



#6
 Bromomethane
 Concen: 55.774 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV024560.D
 Acq: 04 Feb 2022 13:31

Tgt Ion: 94 Resp: 81862
 Ion Ratio Lower Upper
 94 100
 96 92.8 67.0 124.4

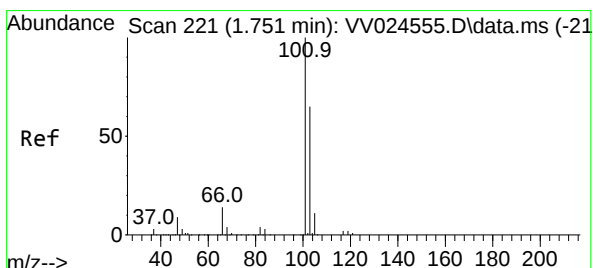
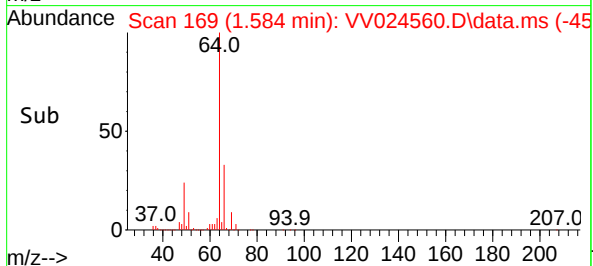
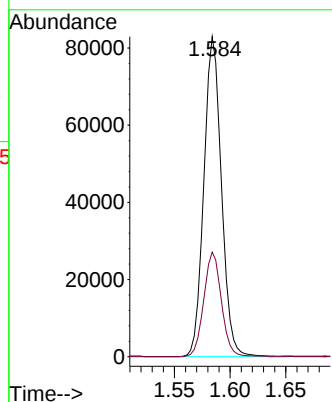
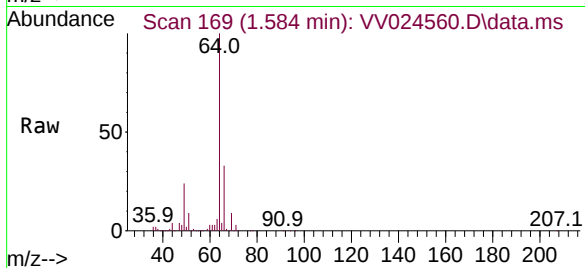




#8
Chloroethane
Concen: 55.986 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV024560.D
Acq: 04 Feb 2022 13:31

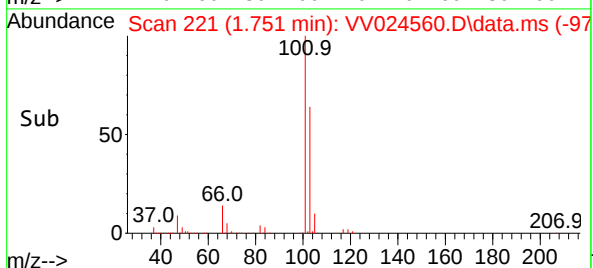
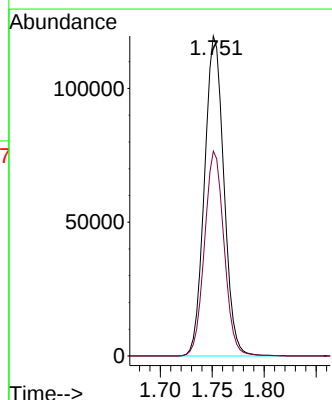
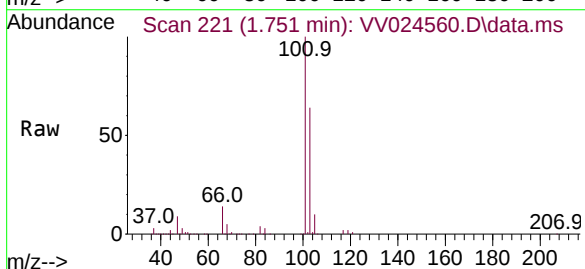
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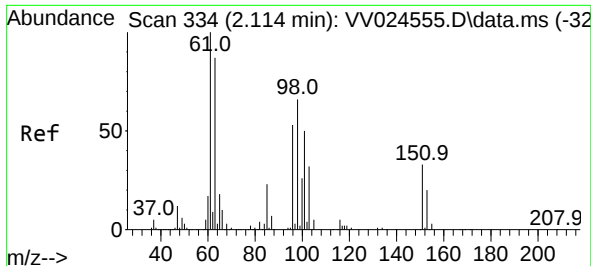
Tgt Ion: 64 Resp: 91063
Ion Ratio Lower Upper
64 100
66 32.7 23.0 42.8



#9
Trichlorofluoromethane
Concen: 43.855 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV024560.D
Acq: 04 Feb 2022 13:31

Tgt Ion:101 Resp: 155039
Ion Ratio Lower Upper
101 100
103 64.5 51.7 77.5

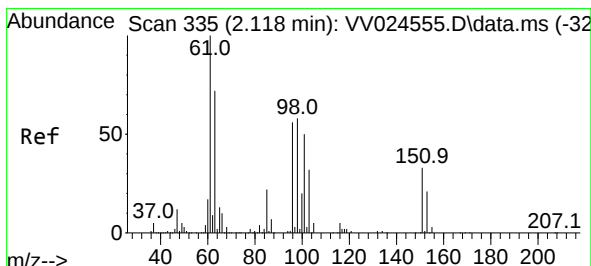
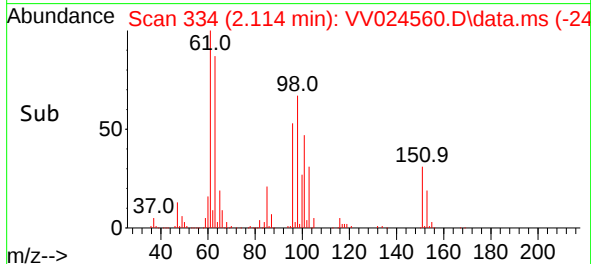
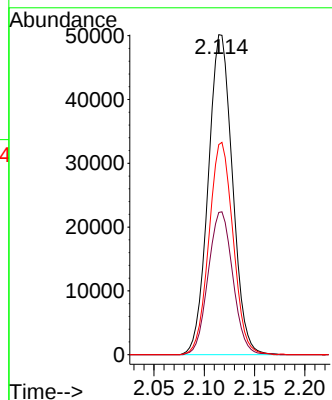
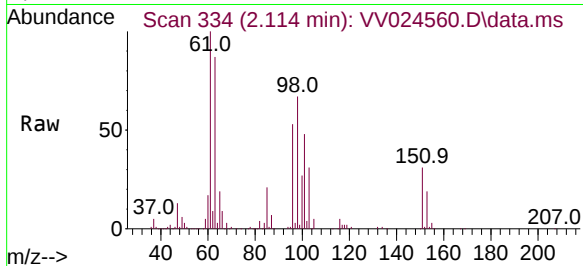




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.070 ug/L
 RT: 2.114 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VV024560.D
 Acq: 04 Feb 2022 13:31

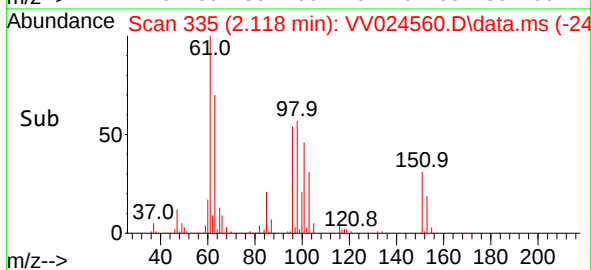
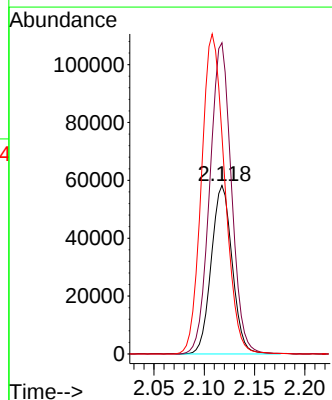
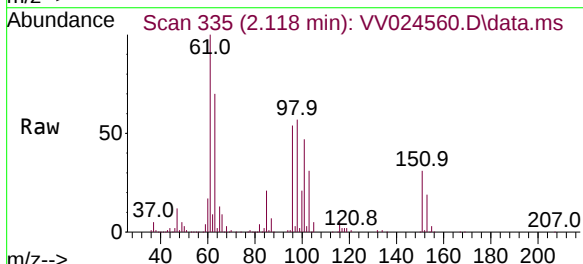
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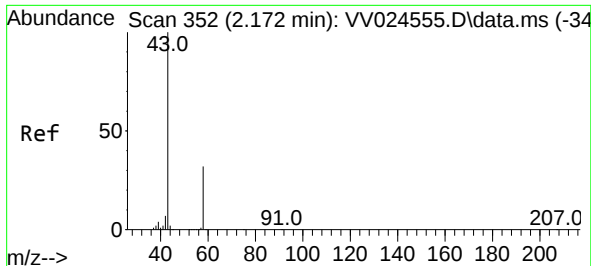
Tgt Ion:101 Resp: 84408
 Ion Ratio Lower Upper
 101 100
 85 45.2 37.3 55.9
 151 66.0 50.8 76.2



#12
 1,1-Dichloroethene
 Concen: 46.727 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV024560.D
 Acq: 04 Feb 2022 13:31

Tgt Ion: 96 Resp: 84189
 Ion Ratio Lower Upper
 96 100
 61 184.6 127.1 236.1
 63 129.7 94.5 175.5





#13

Acetone

Concen: 65.552 ug/L

RT: 2.175 min Scan# 352

Delta R.T. 0.003 min

Lab File: VV024560.D

Acq: 04 Feb 2022 13:31

Instrument :

MSVOA_V

ClientSampleId :

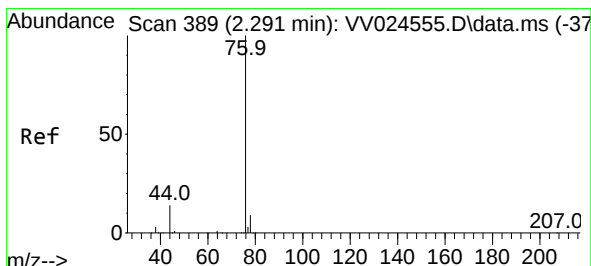
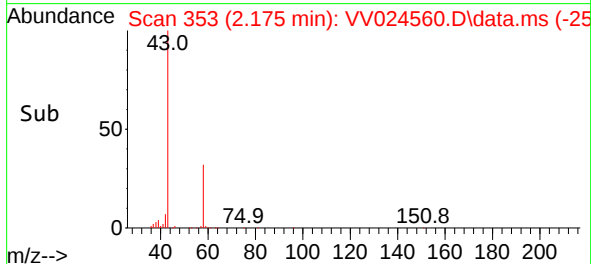
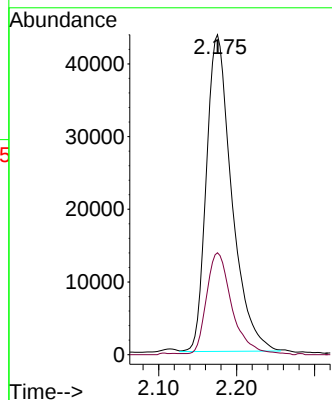
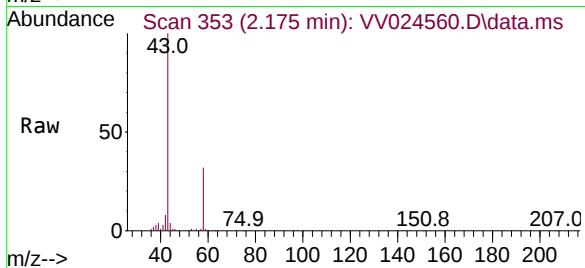
VSTD050284

Tgt Ion: 43 Resp: 98553

Ion Ratio Lower Upper

43 100

58 32.5 0.0 65.0



#14

Carbon disulfide

Concen: 44.159 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

Lab File: VV024560.D

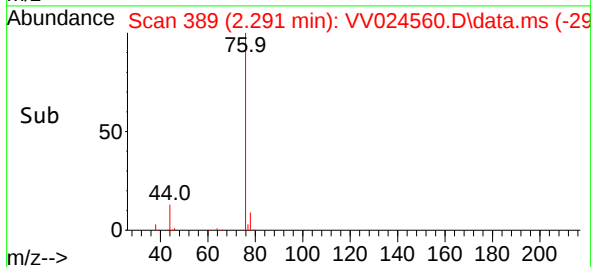
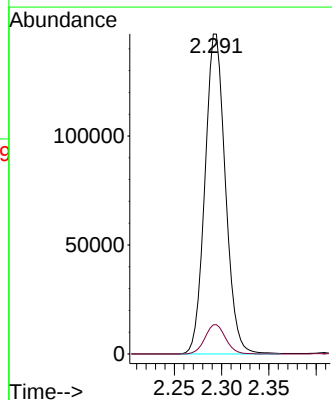
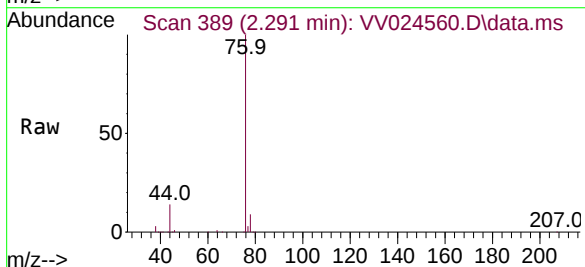
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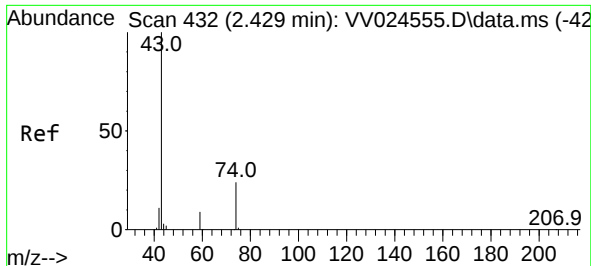
Tgt Ion: 76 Resp: 220627

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

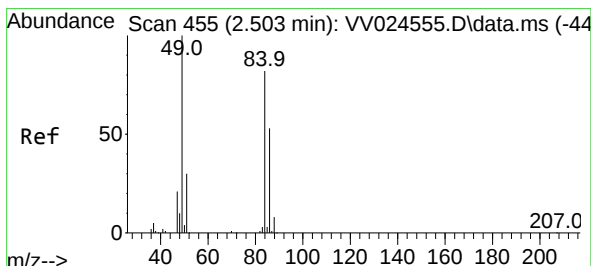
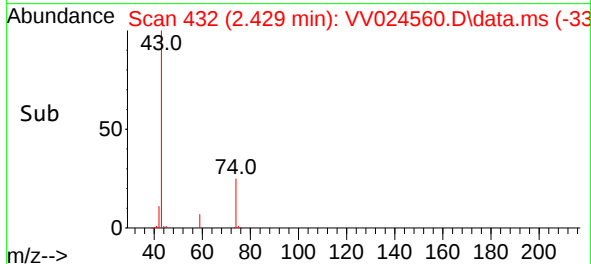
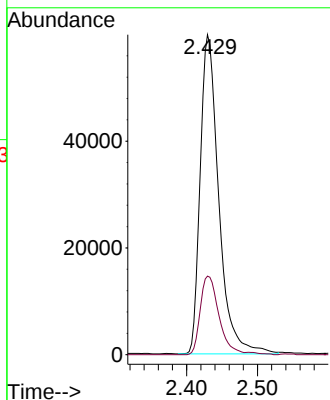
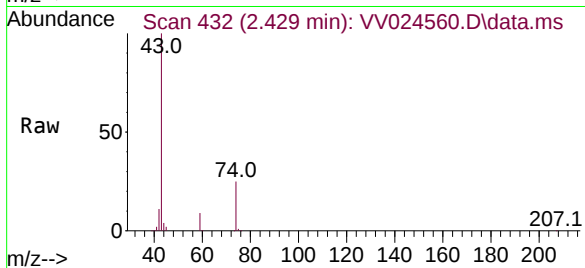




#15
Methyl Acetate
Concen: 54.648 ug/L
RT: 2.429 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV024560.D
Acq: 04 Feb 2022 13:31

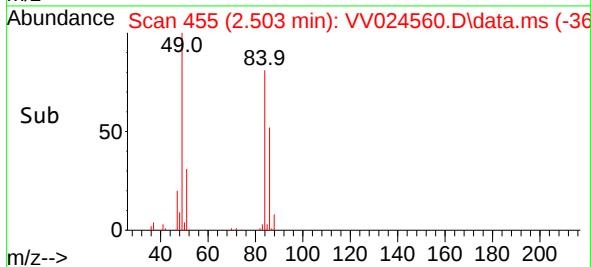
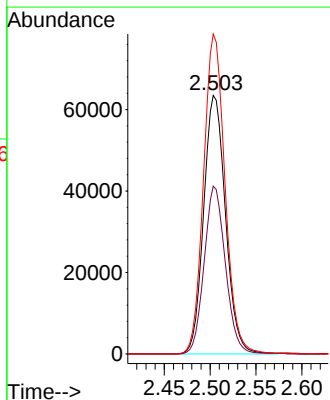
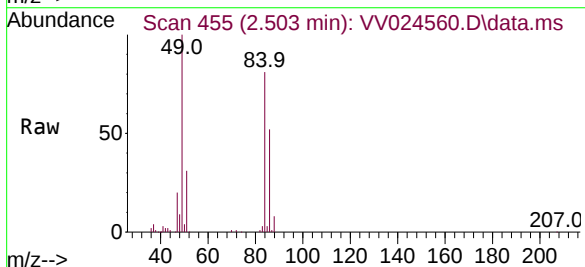
Instrument :
MSVOA_V
ClientSampleId :
VSTD050284

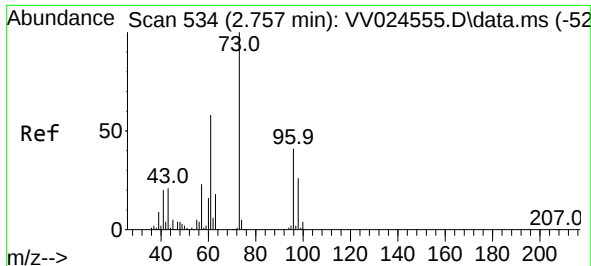
Tgt Ion: 43 Resp: 108839
Ion Ratio Lower Upper
43 100
74 24.6 19.7 29.5



#16
Methylene chloride
Concen: 52.905 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV024560.D
Acq: 04 Feb 2022 13:31

Tgt Ion: 84 Resp: 105289
Ion Ratio Lower Upper
84 100
86 64.9 45.5 84.5
49 123.7 87.0 161.6

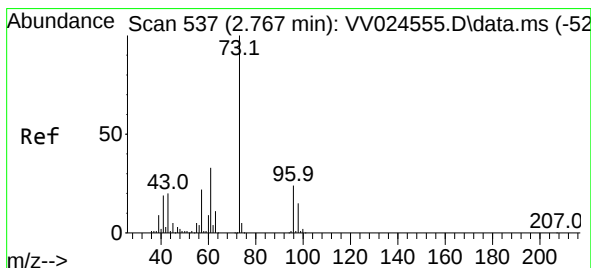
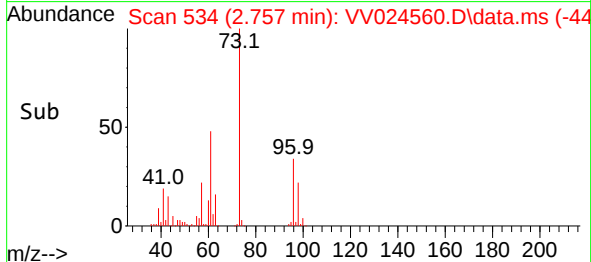
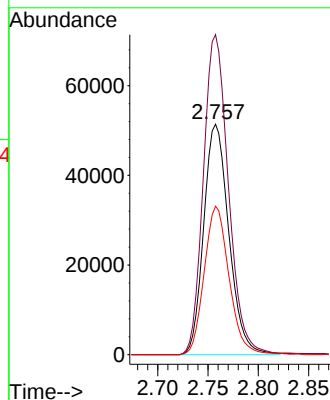
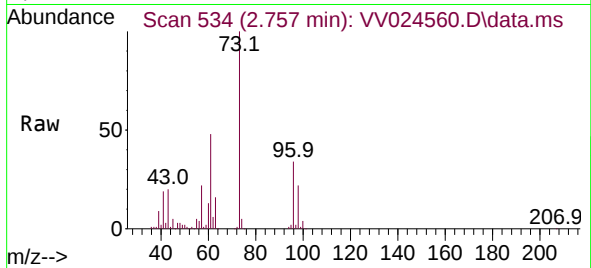




#17
trans-1,2-Dichloroethene
Concen: 48.687 ug/L
RT: 2.757 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV024560.D
Acq: 04 Feb 2022 13:31

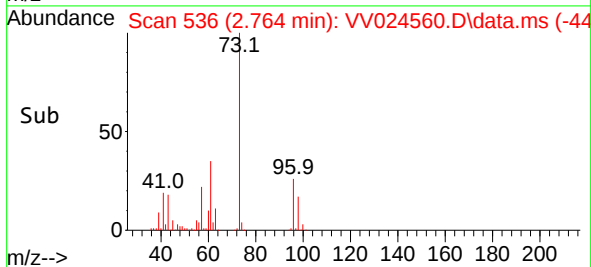
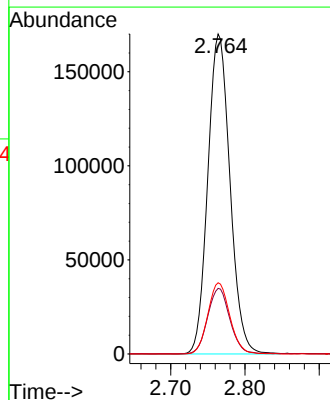
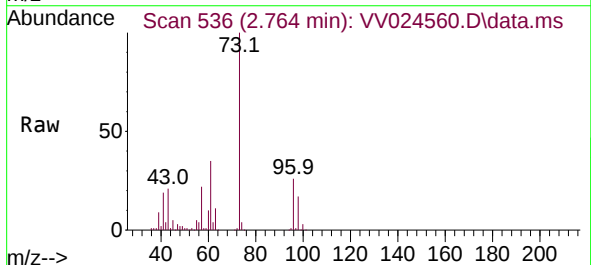
Instrument :
MSVOA_V
ClientSampleId :
VSTD050284

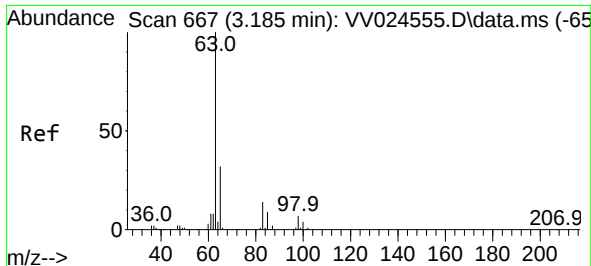
Tgt Ion: 96 Resp: 89705
Ion Ratio Lower Upper
96 100
61 138.8 98.2 182.4
98 64.4 43.7 81.1



#18
Methyl tert-butyl Ether
Concen: 54.720 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV024560.D
Acq: 04 Feb 2022 13:31

Tgt Ion: 73 Resp: 352082
Ion Ratio Lower Upper
73 100
43 20.4 16.0 24.0
57 22.0 17.2 25.8





#19

1,1-Dichloroethane

Concen: 51.385 ug/L

RT: 3.185 min Scan# 667

Delta R.T. -0.000 min

Lab File: VV024560.D

Acq: 04 Feb 2022 13:31

Instrument :

MSVOA_V

ClientSampleId :

VSTD050284

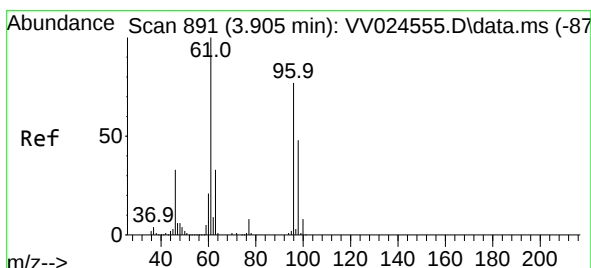
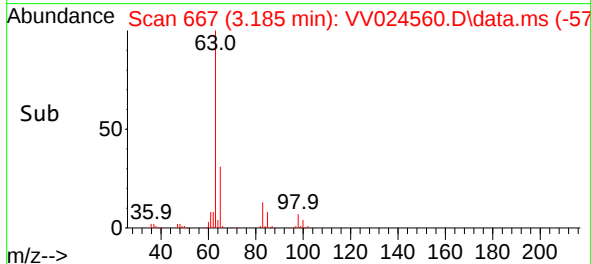
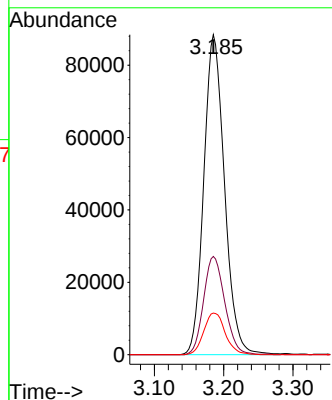
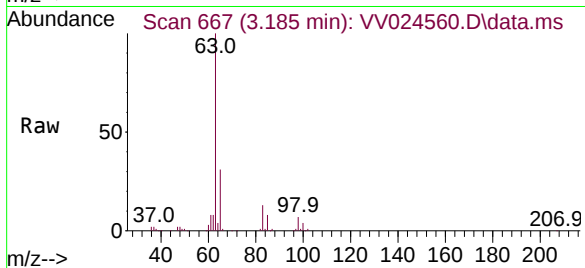
Tgt Ion: 63 Resp: 183514

Ion Ratio Lower Upper

63 100

65 30.7 22.2 41.2

83 13.0 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 52.056 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.000 min

Lab File: VV024560.D

Acq: 04 Feb 2022 13:31

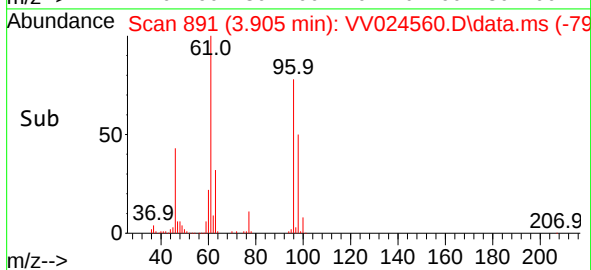
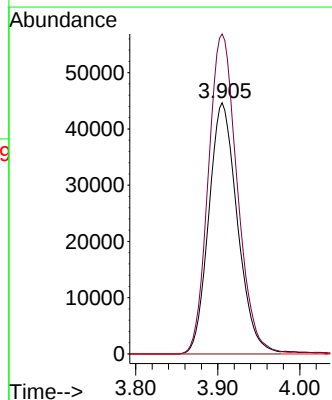
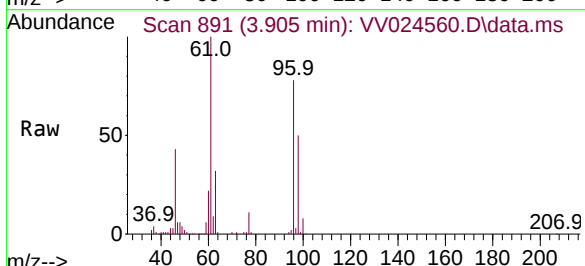
Tgt Ion: 96 Resp: 108273

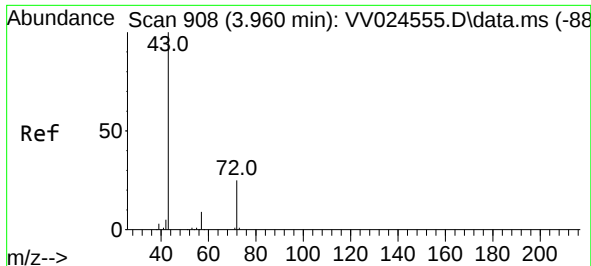
Ion Ratio Lower Upper

96 100

61 127.4 91.5 169.9

68 0.0 0.0 0.0

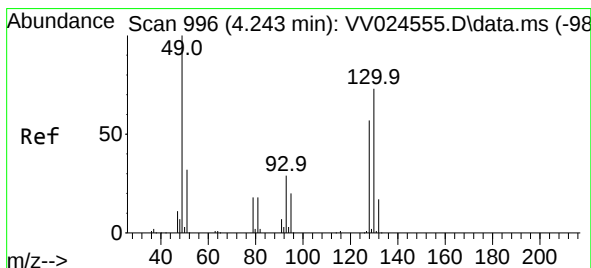
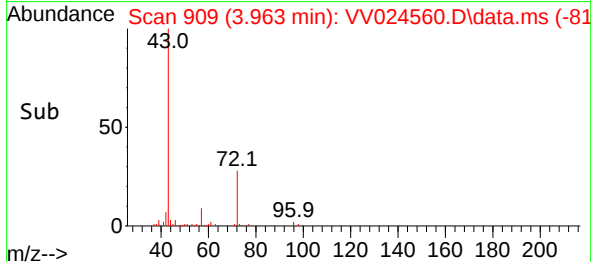
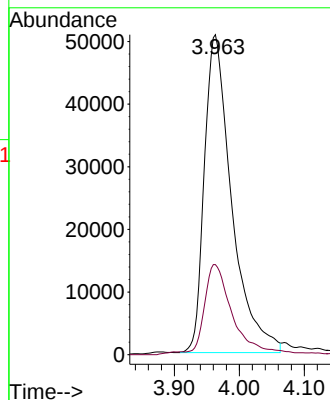
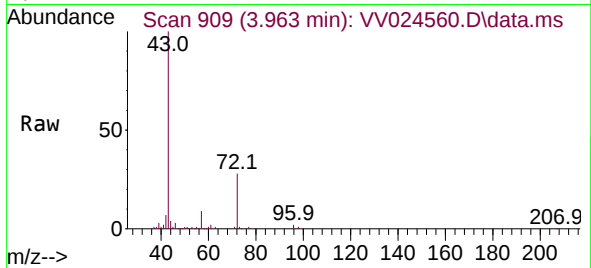




#22
2-Butanone
Concen: 87.755 ug/L
RT: 3.963 min Scan# 908
Delta R.T. 0.003 min
Lab File: VV024560.D
Acq: 04 Feb 2022 13:31

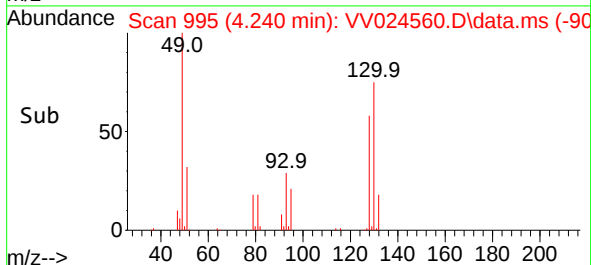
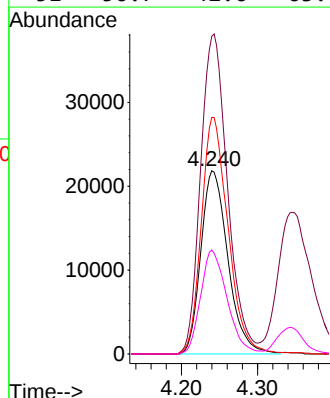
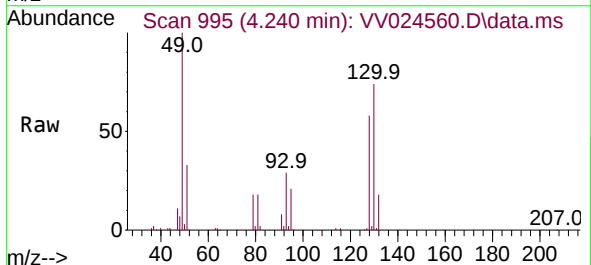
Instrument :
MSVOA_V
ClientSampleId :
VSTD050284

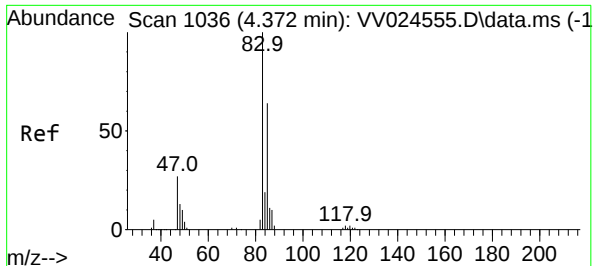
Tgt Ion: 43 Resp: 148563
Ion Ratio Lower Upper
43 100
72 27.8 12.9 38.7



#23
Bromochloromethane
Concen: 53.948 ug/L
RT: 4.240 min Scan# 995
Delta R.T. -0.003 min
Lab File: VV024560.D
Acq: 04 Feb 2022 13:31

Tgt Ion: 128 Resp: 53996
Ion Ratio Lower Upper
128 100
49 173.3 120.1 223.1
130 129.0 88.8 164.8
51 56.7 42.6 63.8

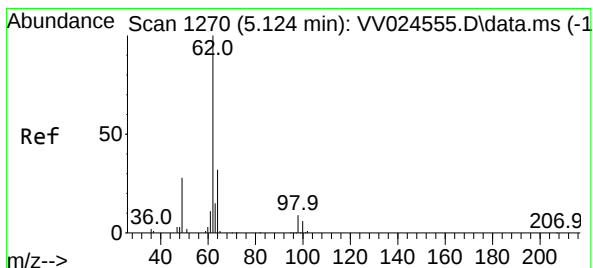
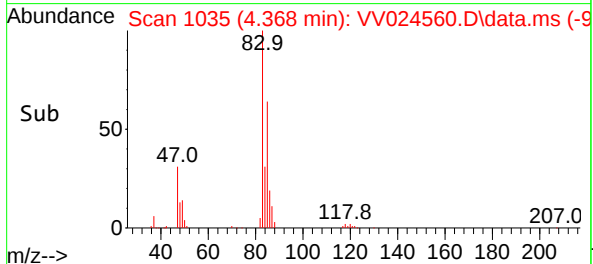
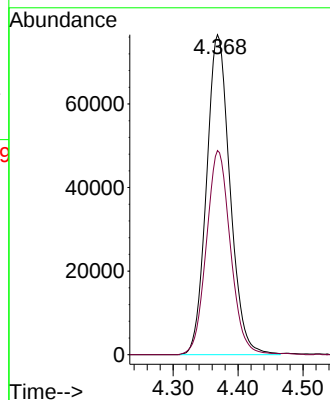
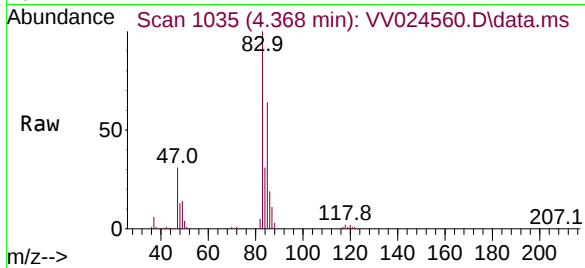




#25
Chloroform
Concen: 51.788 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VV024560.D
Acq: 04 Feb 2022 13:31

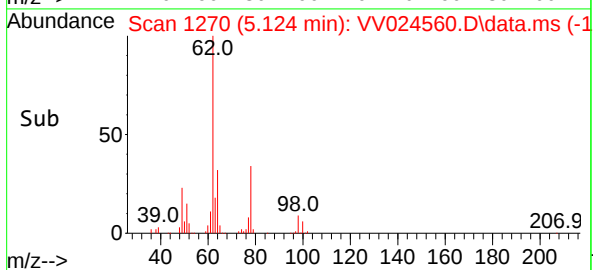
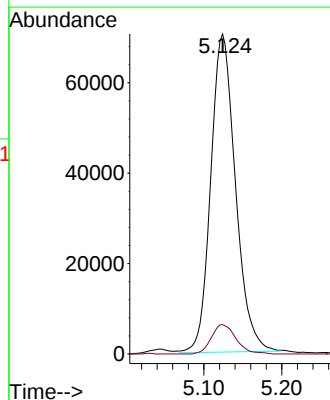
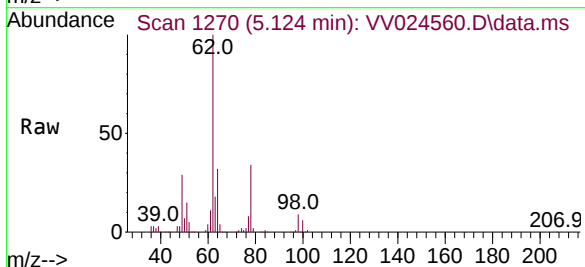
Instrument :
MSVOA_V
ClientSampleId :
VSTD050284

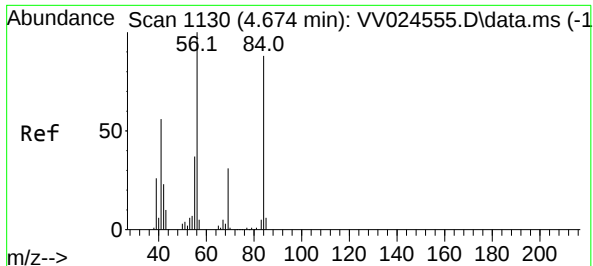
Tgt Ion: 83 Resp: 192459
Ion Ratio Lower Upper
83 100
85 63.8 45.4 84.4



#27
1,2-Dichloroethane
Concen: 53.303 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VV024560.D
Acq: 04 Feb 2022 13:31

Tgt Ion: 62 Resp: 155272
Ion Ratio Lower Upper
62 100
98 9.2 7.5 11.3





#29

Cyclohexane

Concen: 39.674 ug/L

RT: 4.671 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VV024560.D

Acq: 04 Feb 2022 13:31

Instrument :

MSVOA_V

ClientSampleId :

VSTD050284

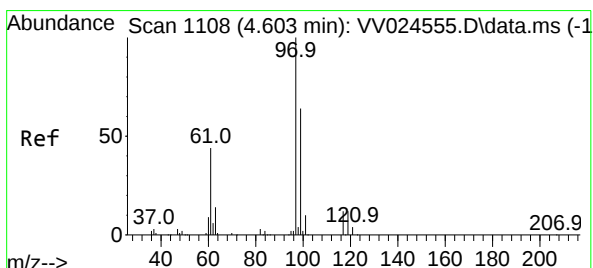
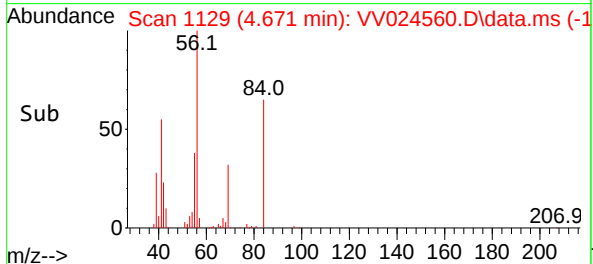
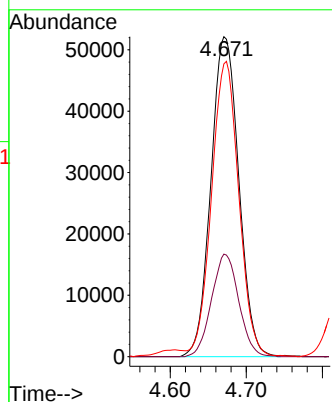
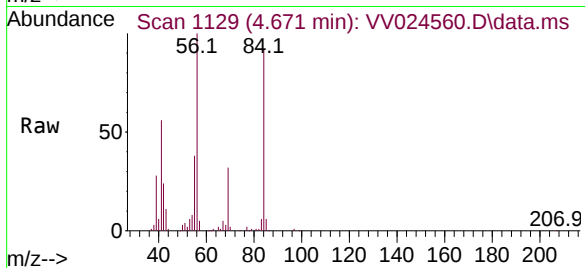
Tgt Ion: 56 Resp: 132830

Ion Ratio Lower Upper

56 100

69 31.3 24.7 37.1

84 89.3 70.2 105.4



#30

1,1,1-Trichloroethane

Concen: 45.268 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV024560.D

Acq: 04 Feb 2022 13:31

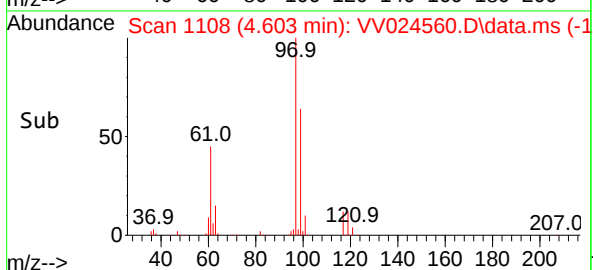
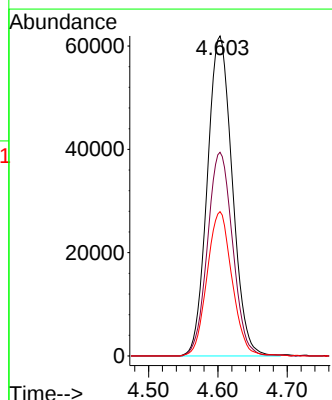
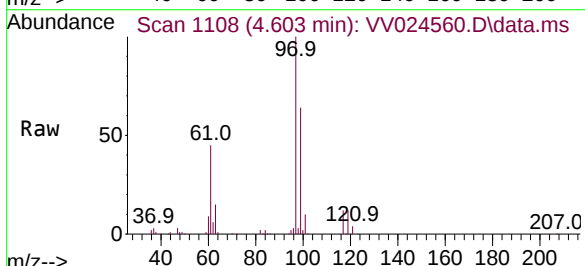
Tgt Ion: 97 Resp: 155265

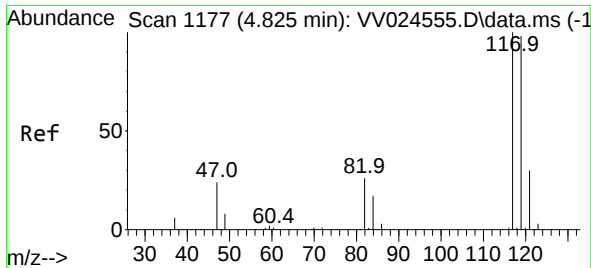
Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.6

61 44.9 35.9 53.9

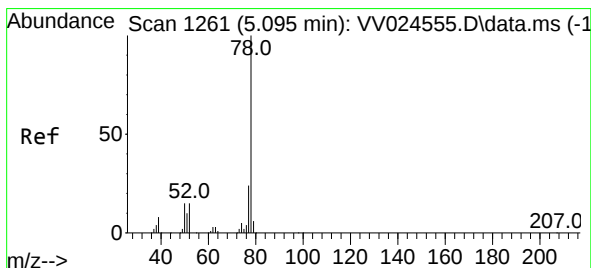
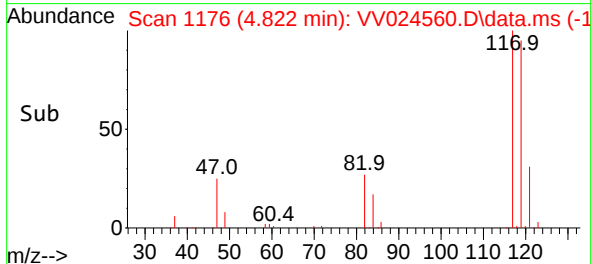
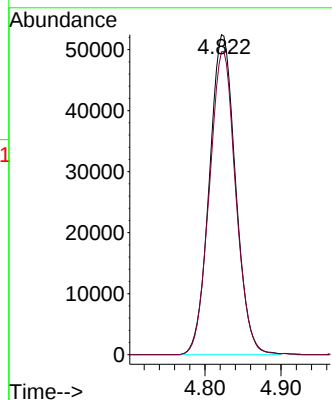
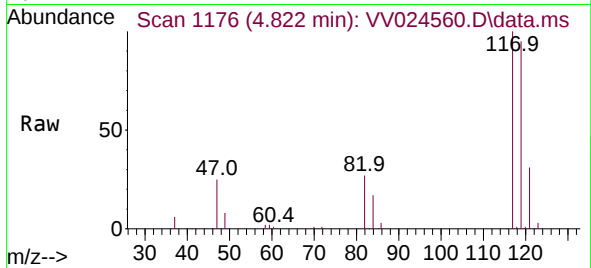




#31
Carbon tetrachloride
Concen: 44.213 ug/L
RT: 4.822 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV024560.D
Acq: 04 Feb 2022 13:31

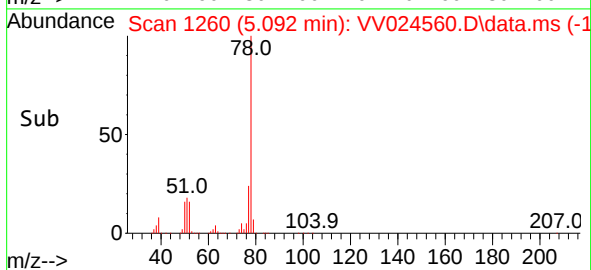
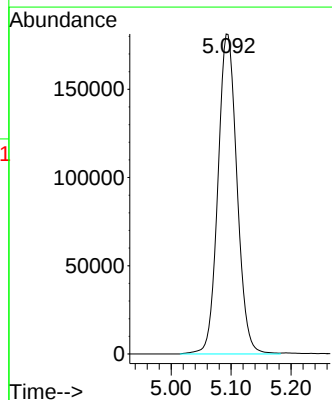
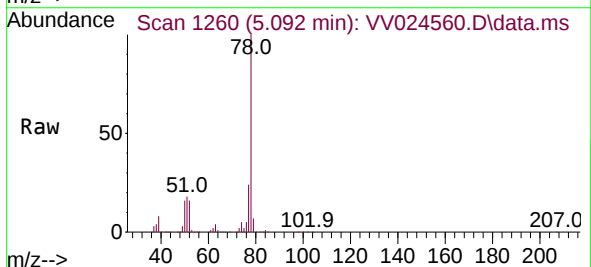
Instrument : MSVOA_V
ClientSampleId : VSTD050284

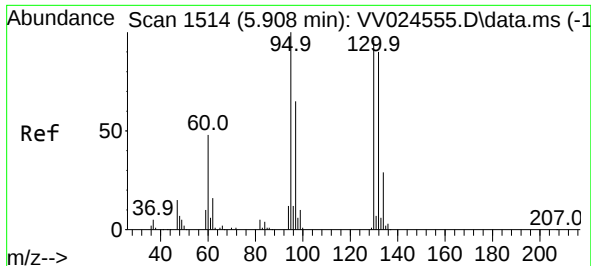
Tgt Ion:117 Resp: 125233
Ion Ratio Lower Upper
117 100
119 95.5 76.7 115.1



#33
Benzene
Concen: 48.899 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV024560.D
Acq: 04 Feb 2022 13:31

Tgt Ion: 78 Resp: 399075



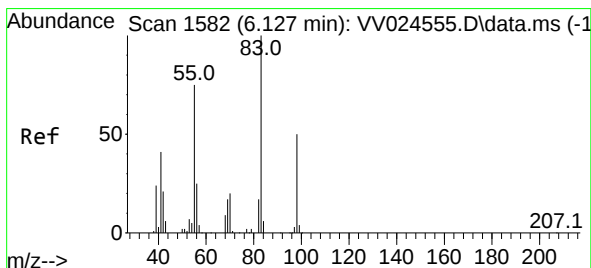
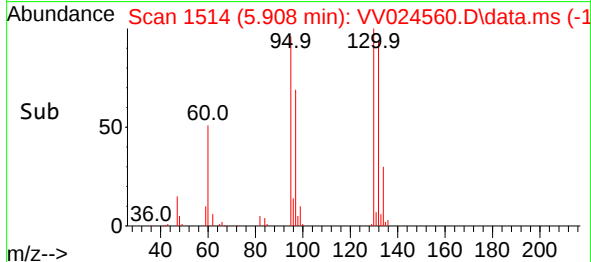
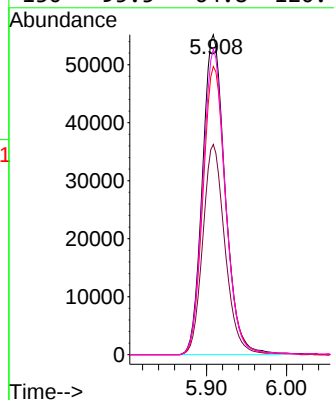
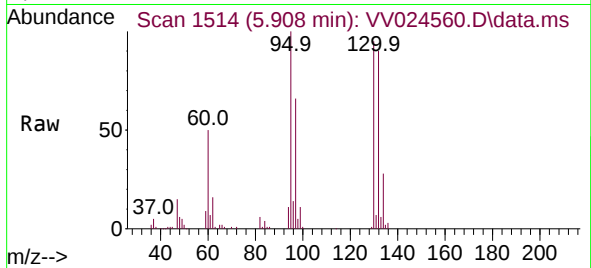


#34
 Trichloroethene
 Concen: 47.396 ug/L
 RT: 5.908 min Scan# 1514
 Delta R.T. -0.000 min
 Lab File: VV024560.D
 Acq: 04 Feb 2022 13:31

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050284

Tgt Ion: 95 Resp: 108982

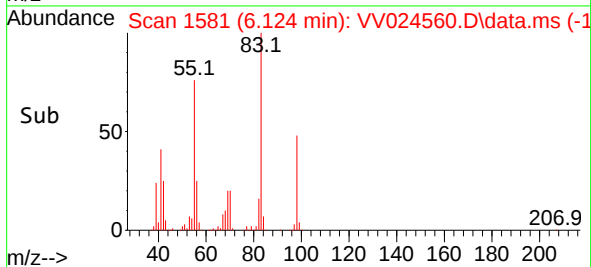
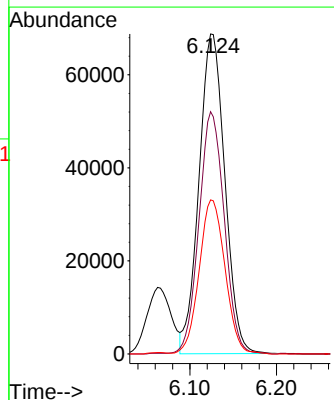
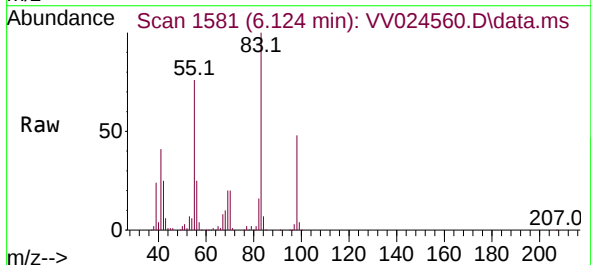
Ion	Ratio	Lower	Upper
95	100		
97	65.7	44.1	81.9
132	90.1	62.4	116.0
130	95.5	64.8	120.4

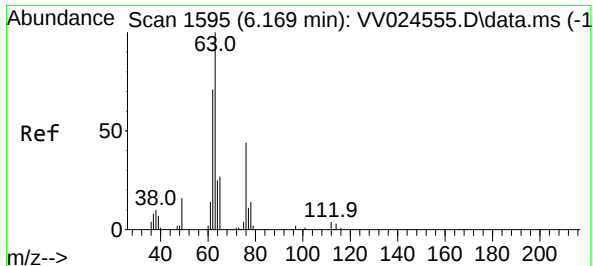


#35
 Methylcyclohexane
 Concen: 41.089 ug/L
 RT: 6.124 min Scan# 1581
 Delta R.T. -0.003 min
 Lab File: VV024560.D
 Acq: 04 Feb 2022 13:31

Tgt Ion: 83 Resp: 142556

Ion	Ratio	Lower	Upper
83	100		
55	74.4	60.9	91.3
98	48.3	39.2	58.8





#37

1,2-Dichloropropane

Concen: 52.232 ug/L

RT: 6.166 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV024560.D

Acq: 04 Feb 2022 13:31

Instrument :

MSVOA_V

ClientSampleId :

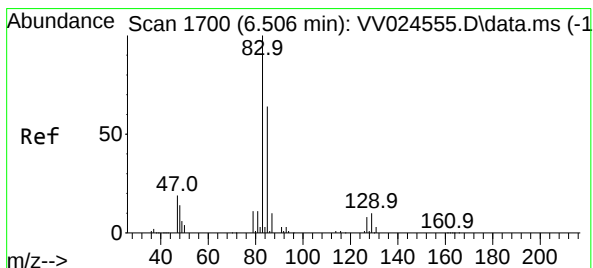
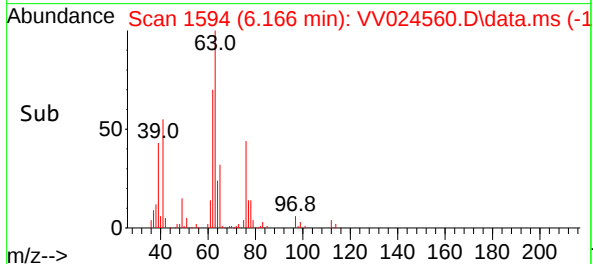
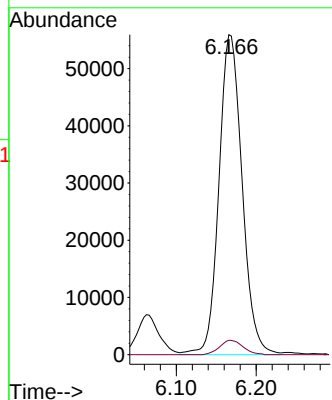
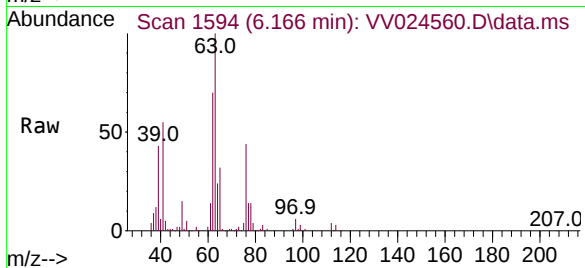
VSTD050284

Tgt Ion: 63 Resp: 112400

Ion Ratio Lower Upper

63 100

112 4.5 3.4 5.2



#38

Bromodichloromethane

Concen: 51.692 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV024560.D

Acq: 04 Feb 2022 13:31

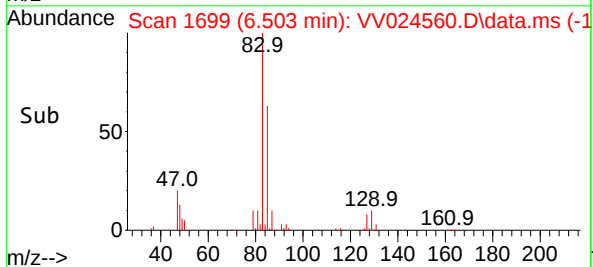
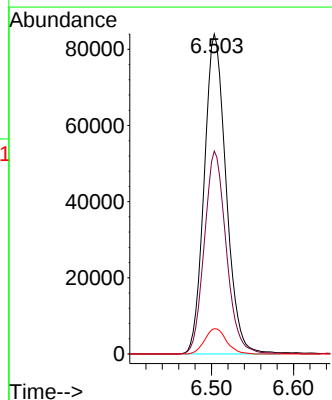
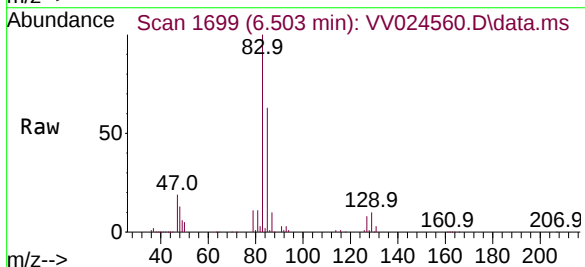
Tgt Ion: 83 Resp: 155955

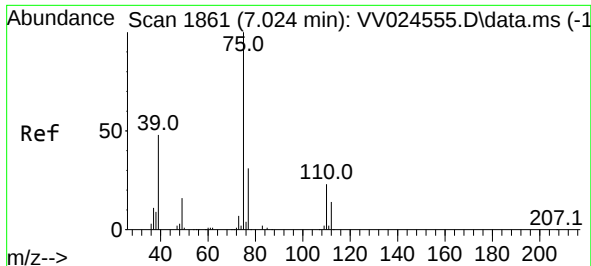
Ion Ratio Lower Upper

83 100

85 63.4 44.2 82.2

127 7.9 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 50.781 ug/L

RT: 7.021 min Scan# 1861

Delta R.T. -0.003 min

Lab File: VV024560.D

Acq: 04 Feb 2022 13:31

Instrument :

MSVOA_V

ClientSampleId :

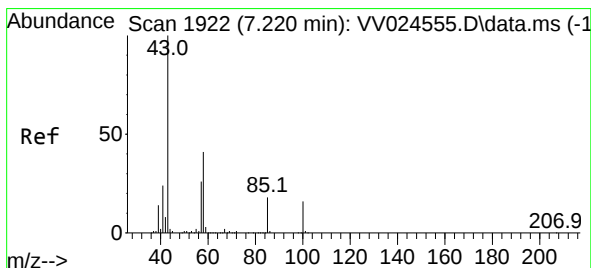
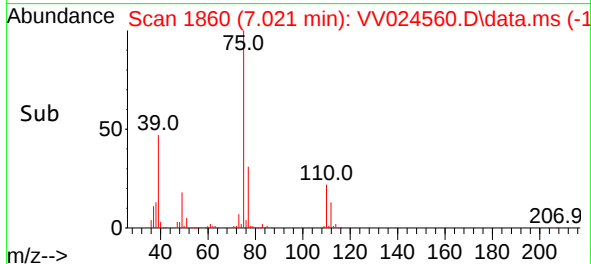
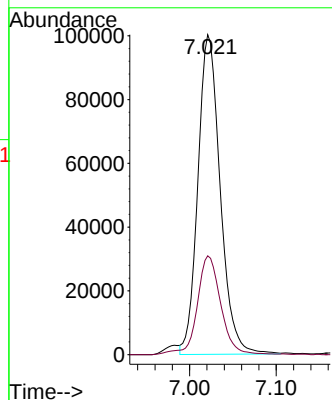
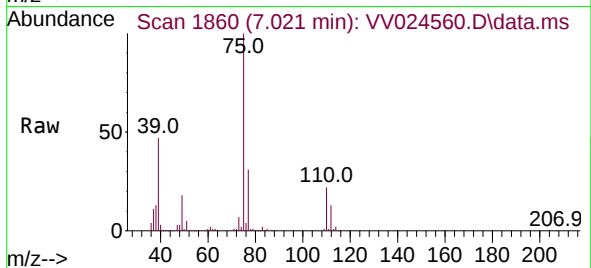
VSTD050284

Tgt Ion: 75 Resp: 179368

Ion Ratio Lower Upper

75 100

77 30.9 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 105.918 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.000 min

Lab File: VV024560.D

Acq: 04 Feb 2022 13:31

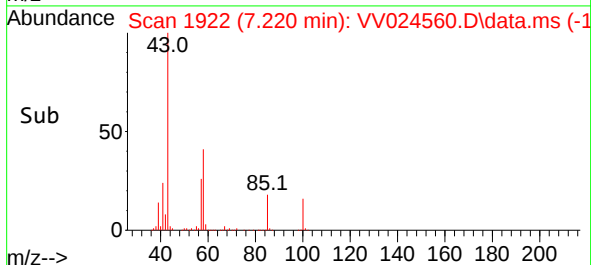
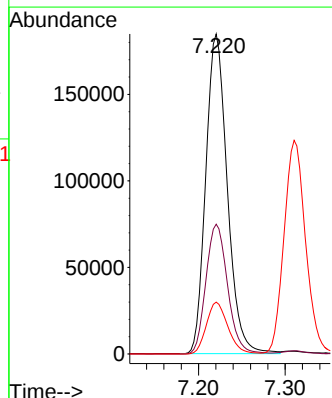
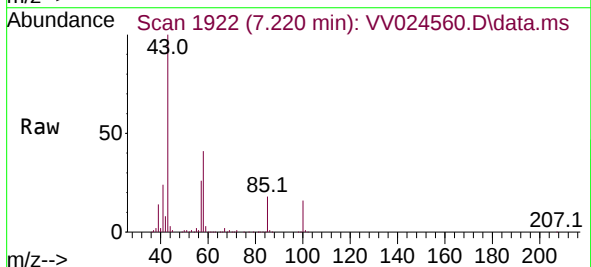
Tgt Ion: 43 Resp: 319235

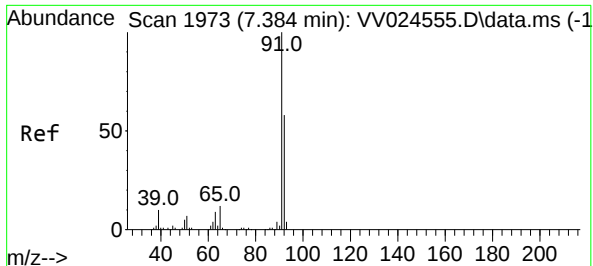
Ion Ratio Lower Upper

43 100

58 40.8 32.5 48.7

100 16.2 12.7 19.1

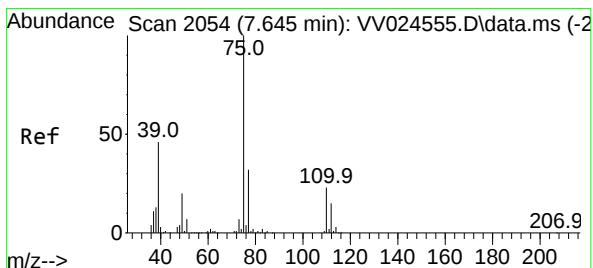
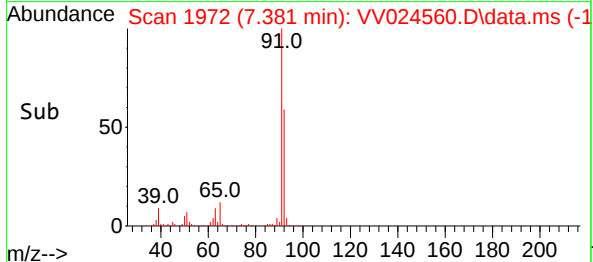
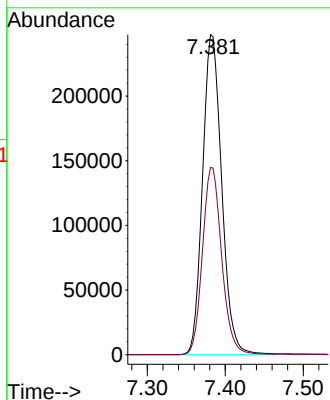
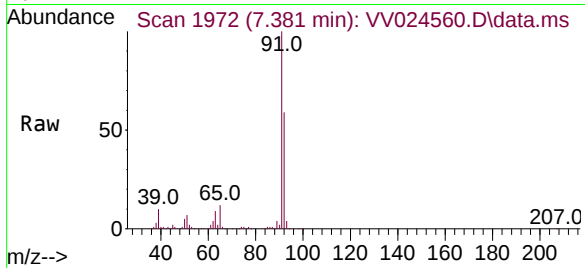




#42
Toluene
Concen: 48.357 ug/L
RT: 7.381 min Scan# 1973
Delta R.T. -0.003 min
Lab File: VV024560.D
Acq: 04 Feb 2022 13:31

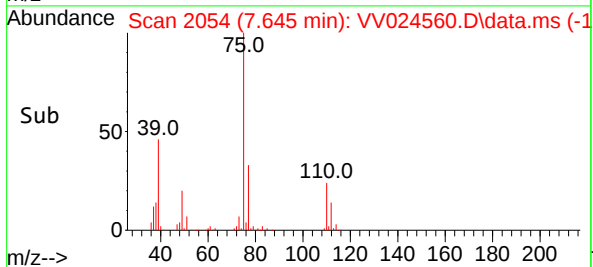
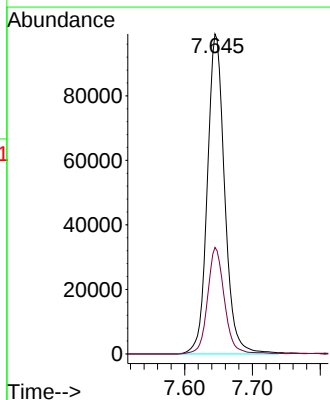
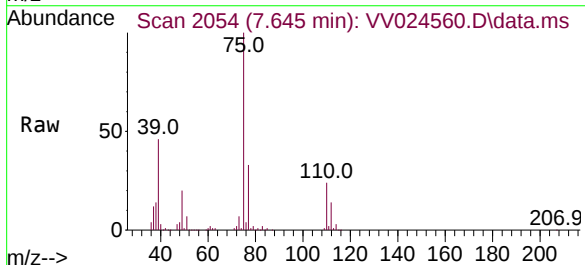
Instrument :
MSVOA_V
ClientSampleId :
VSTD050284

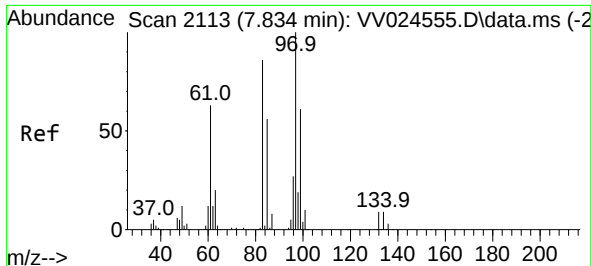
Tgt Ion: 91 Resp: 422800
Ion Ratio Lower Upper
91 100
92 58.5 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 51.394 ug/L
RT: 7.645 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VV024560.D
Acq: 04 Feb 2022 13:31

Tgt Ion: 75 Resp: 176301
Ion Ratio Lower Upper
75 100
77 33.3 22.7 42.1

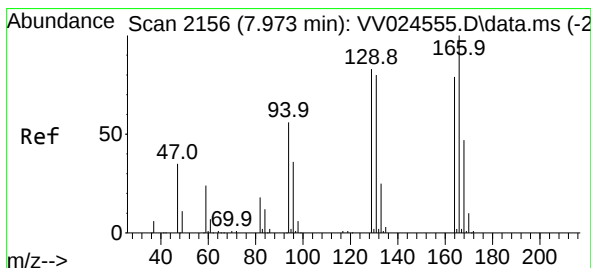
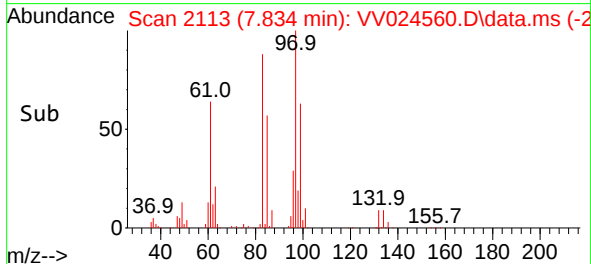
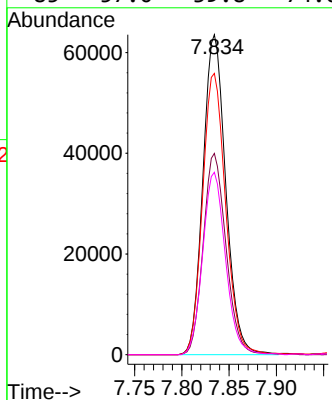
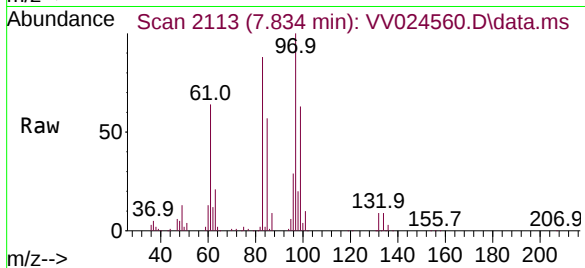




#45
1,1,2-Trichloroethane
Concen: 51.859 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV024560.D
Acq: 04 Feb 2022 13:31

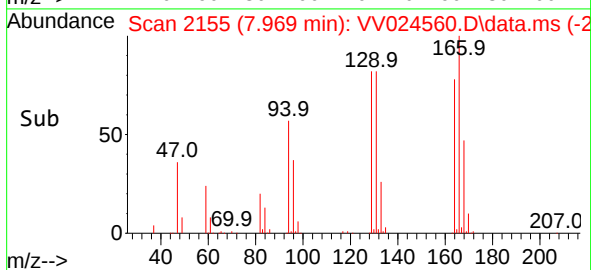
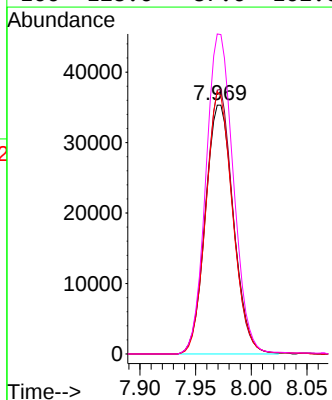
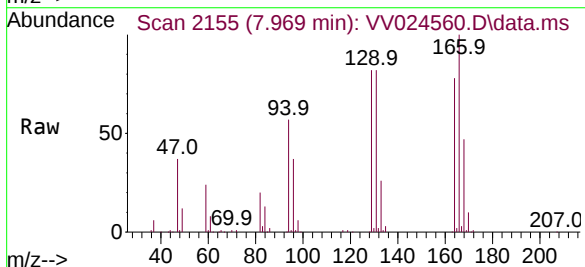
Instrument :
MSVOA_V
ClientSampleId :
VSTD050284

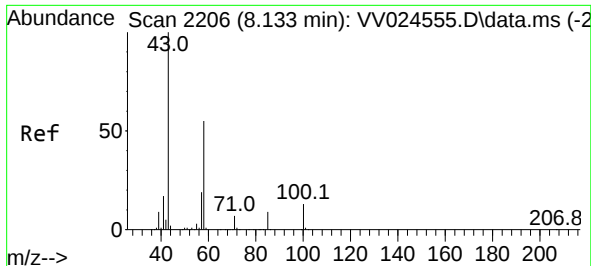
Tgt Ion:	97	Resp:	106690
Ion	Ratio	Lower	Upper
97	100		
99	62.9	43.8	81.4
83	87.9	61.7	114.7
85	57.0	39.8	74.0



#46
Tetrachloroethene
Concen: 45.353 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.003 min
Lab File: VV024560.D
Acq: 04 Feb 2022 13:31

Tgt Ion:	164	Resp:	61958
Ion	Ratio	Lower	Upper
164	100		
129	106.1	74.8	138.8
131	105.5	70.8	131.6
166	128.6	87.6	162.6

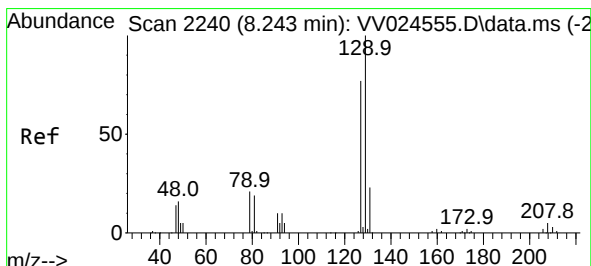
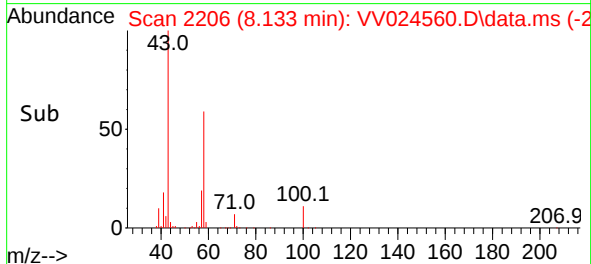
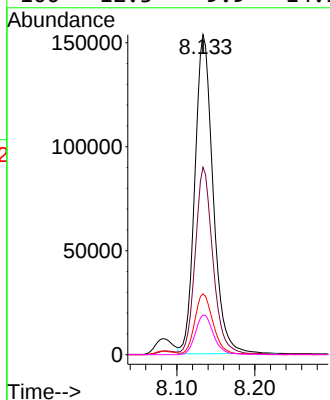
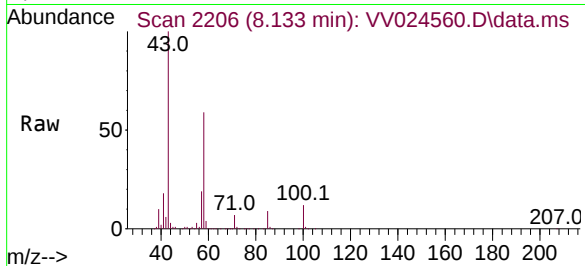




#48
2-Hexanone
Concen: 97.186 ug/L
RT: 8.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024560.D
Acq: 04 Feb 2022 13:31

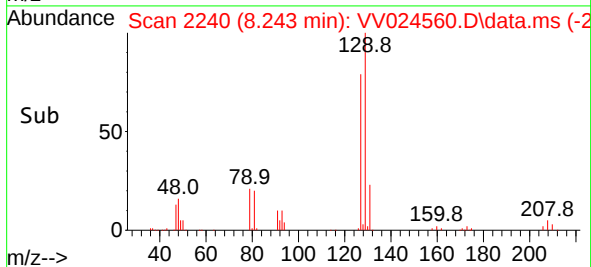
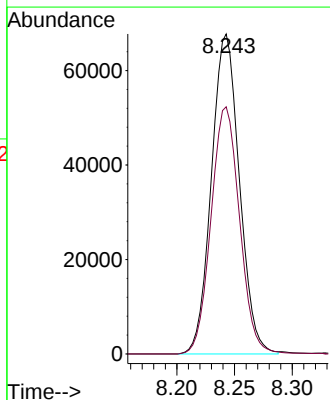
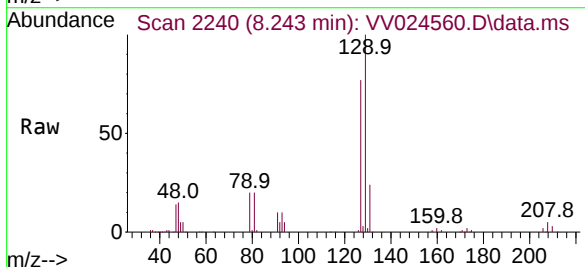
Instrument :
MSVOA_V
ClientSampleId :
VSTD050284

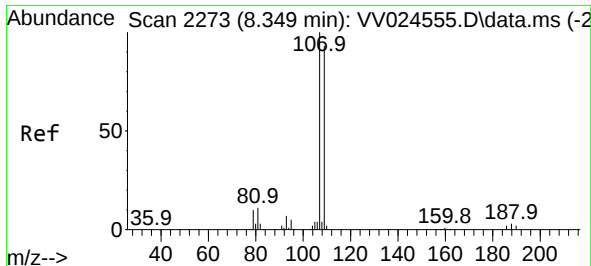
Tgt Ion: 43 Resp: 249135
Ion Ratio Lower Upper
43 100
58 56.3 44.8 67.2
57 18.9 15.1 22.7
100 12.3 9.9 14.9



#49
Dibromochloromethane
Concen: 52.674 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV024560.D
Acq: 04 Feb 2022 13:31

Tgt Ion: 129 Resp: 114381
Ion Ratio Lower Upper
129 100
127 77.3 53.6 99.6

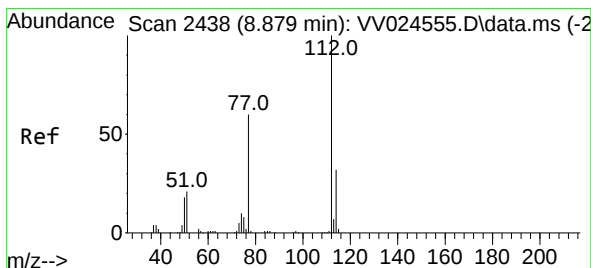
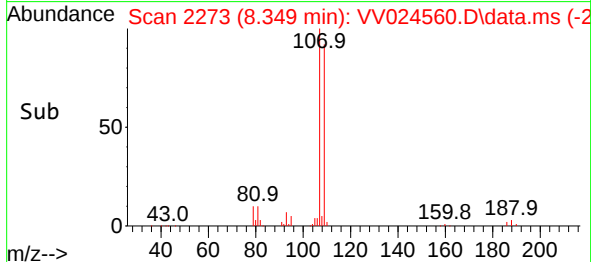
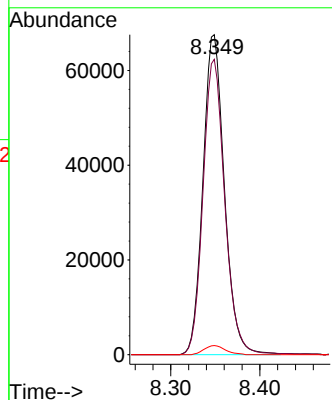
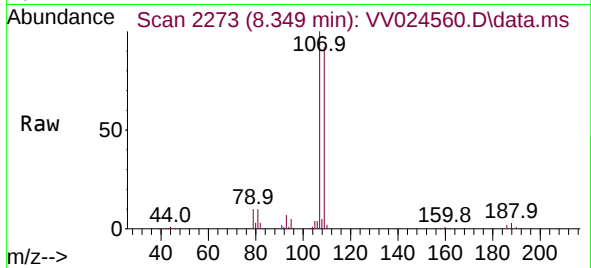




#50
1,2-Dibromoethane
Concen: 52.801 ug/L
RT: 8.349 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV024560.D
Acq: 04 Feb 2022 13:31

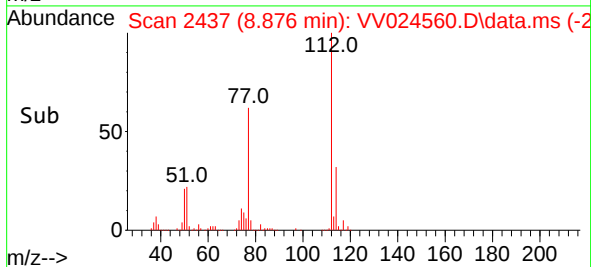
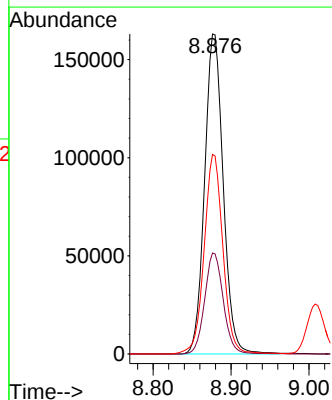
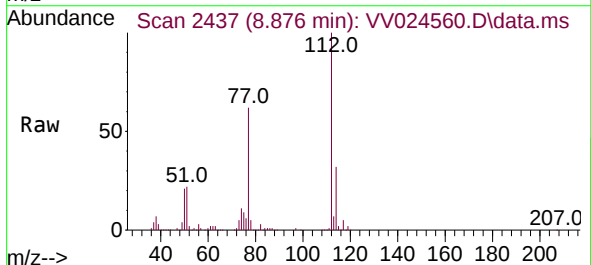
Instrument :
MSVOA_V
ClientSampleId :
VSTD050284

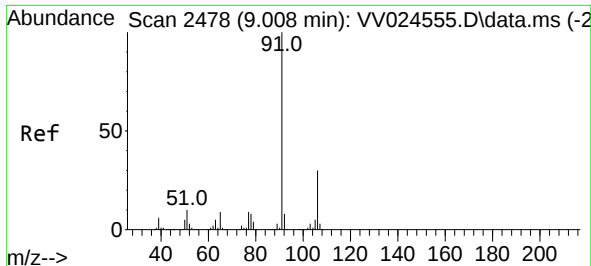
Tgt Ion:107 Resp: 112960
Ion Ratio Lower Upper
107 100
109 92.3 65.4 121.4
188 2.9 2.6 3.8



#51
Chlorobenzene
Concen: 49.623 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. -0.003 min
Lab File: VV024560.D
Acq: 04 Feb 2022 13:31

Tgt Ion:112 Resp: 270771
Ion Ratio Lower Upper
112 100
114 31.5 22.7 42.1
77 62.4 49.9 74.9





#52

Ethylbenzene

Concen: 46.927 ug/L

RT: 9.008 min Scan# 2478

Delta R.T. -0.000 min

Lab File: VV024560.D

Acq: 04 Feb 2022 13:31

Instrument :

MSVOA_V

ClientSampleId :

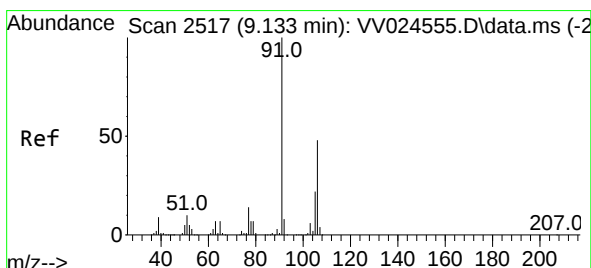
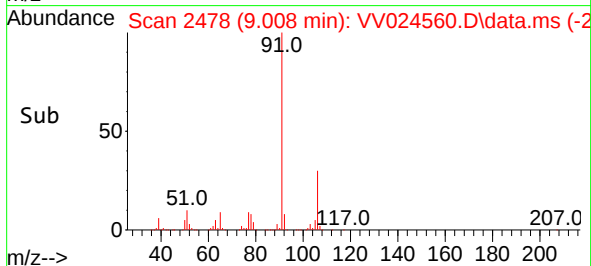
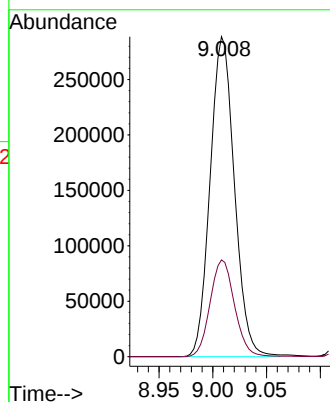
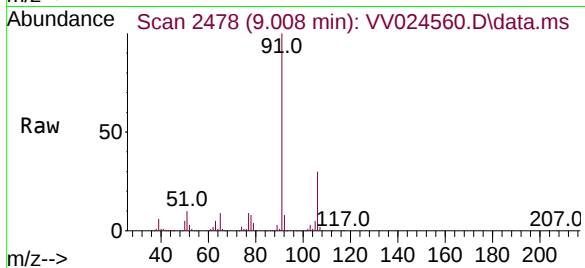
VSTD050284

Tgt Ion: 91 Resp: 454067

Ion Ratio Lower Upper

91 100

106 30.3 20.6 38.2



#53

m,p-Xylene

Concen: 47.125 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. -0.000 min

Lab File: VV024560.D

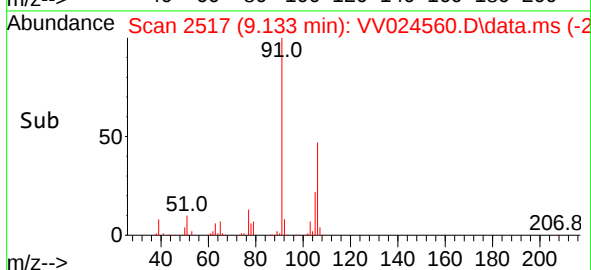
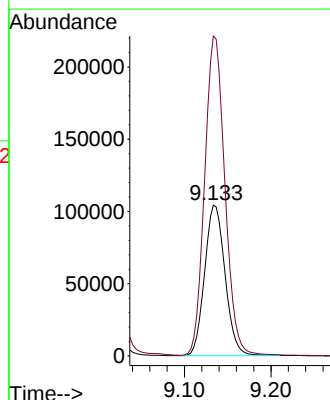
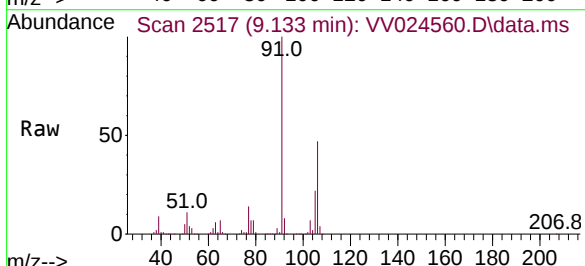
Acq: 04 Feb 2022 13:31

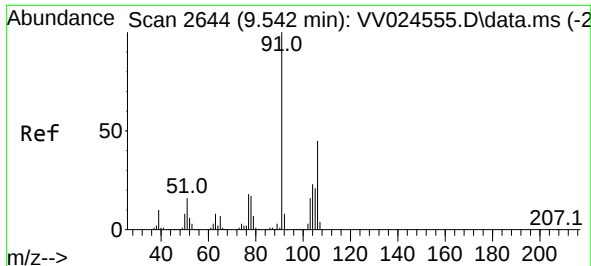
Tgt Ion: 106 Resp: 170619

Ion Ratio Lower Upper

106 100

91 212.1 144.6 268.6

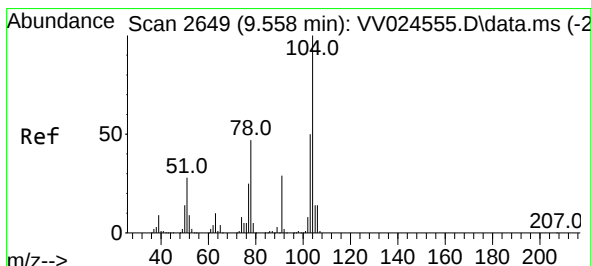
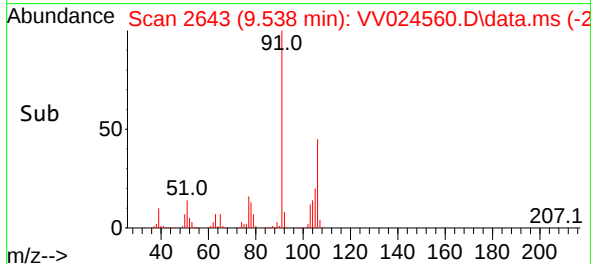
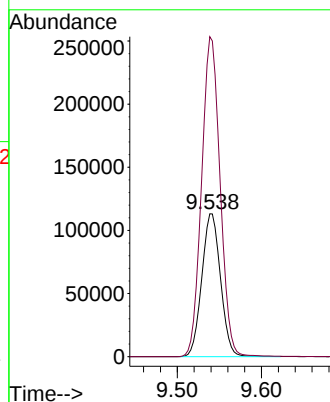
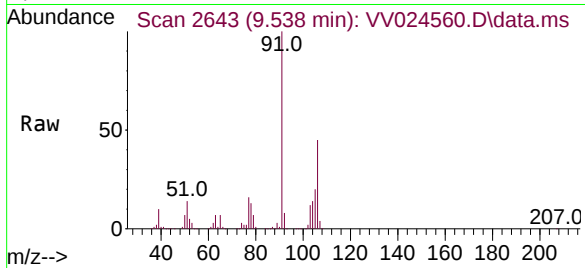




#54
o-Xylene
Concen: 48.480 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV024560.D
Acq: 04 Feb 2022 13:31

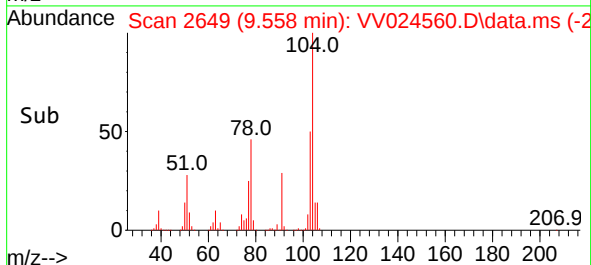
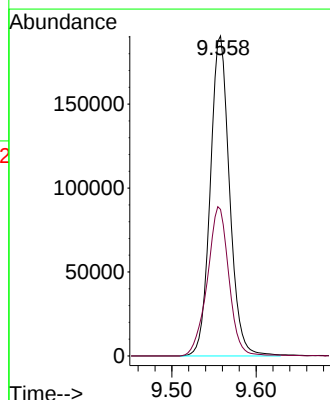
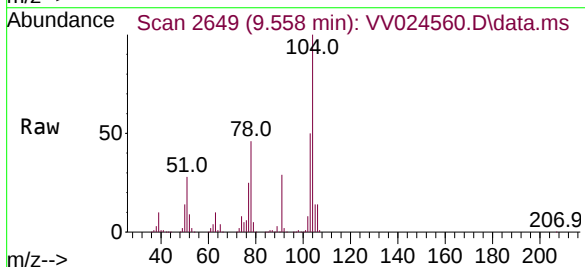
Instrument :
MSVOA_V
ClientSampleId :
VSTD050284

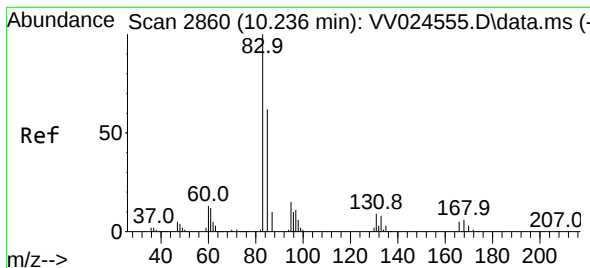
Tgt Ion:106 Resp: 175291
Ion Ratio Lower Upper
106 100
91 223.9 155.4 288.6



#55
Styrene
Concen: 49.500 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024560.D
Acq: 04 Feb 2022 13:31

Tgt Ion:104 Resp: 303009
Ion Ratio Lower Upper
104 100
78 45.8 32.9 61.1

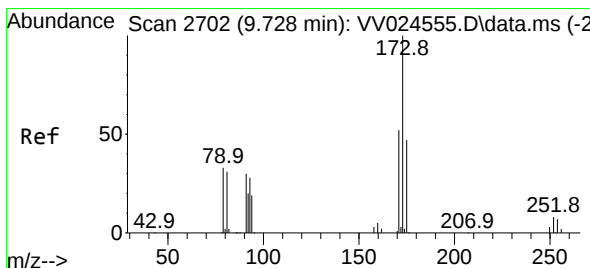
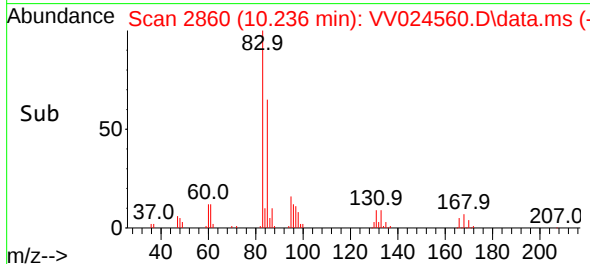
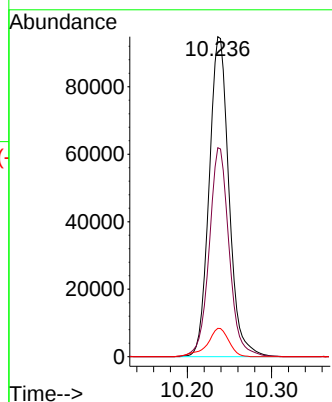
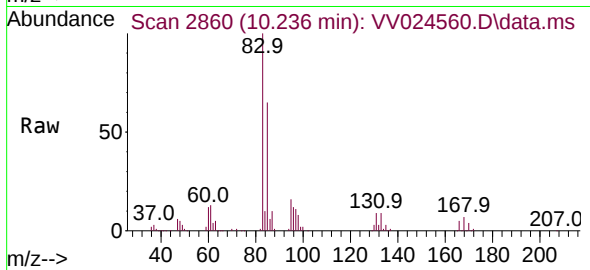




#57
1,1,2,2-Tetrachloroethane
Concen: 52.557 ug/L
RT: 10.236 min Scan# 2860
Delta R.T. -0.000 min
Lab File: VV024560.D
Acq: 04 Feb 2022 13:31

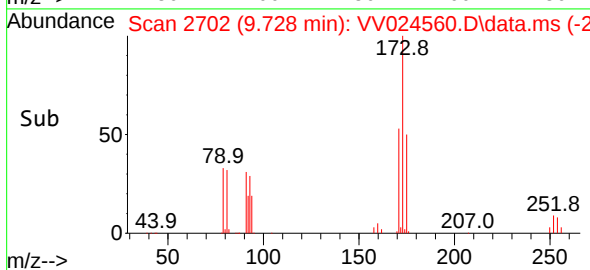
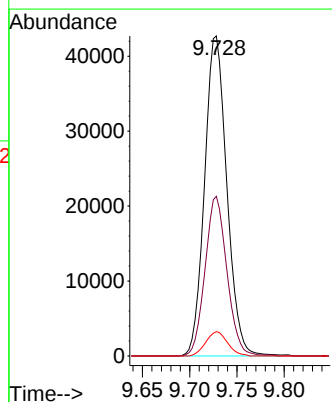
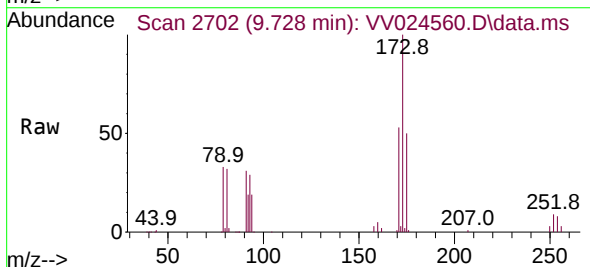
Instrument :
MSVOA_V
ClientSampleId :
VSTD050284

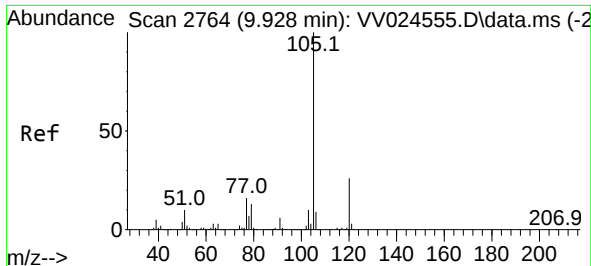
Tgt Ion: 83 Resp: 154832
Ion Ratio Lower Upper
83 100
85 65.3 45.6 84.6
131 8.9 7.1 10.7



#59
Bromoform
Concen: 54.615 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.000 min
Lab File: VV024560.D
Acq: 04 Feb 2022 13:31

Tgt Ion: 173 Resp: 69993
Ion Ratio Lower Upper
173 100
175 49.0 38.6 57.8
254 7.4 5.8 8.8

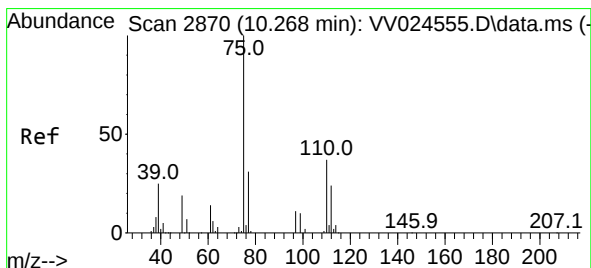
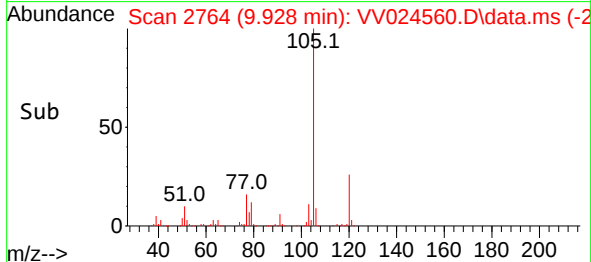
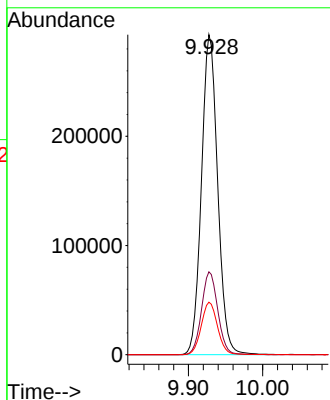
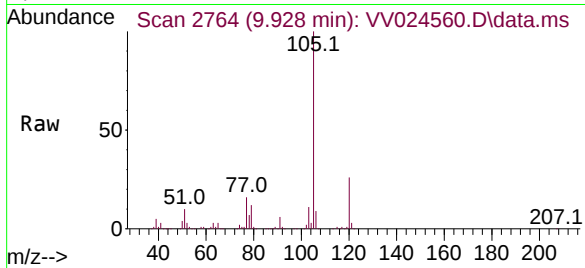




#60
Isopropylbenzene
Concen: 46.858 ug/L
RT: 9.928 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024560.D
Acq: 04 Feb 2022 13:31

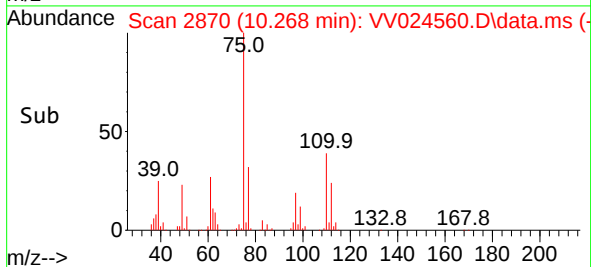
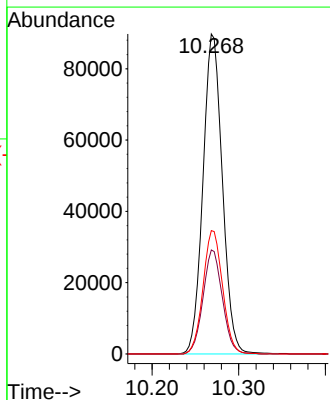
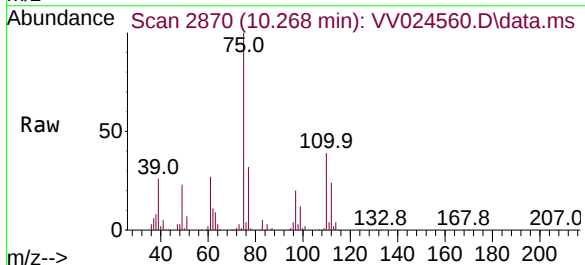
Instrument :
MSVOA_V
ClientSampleId :
VSTD050284

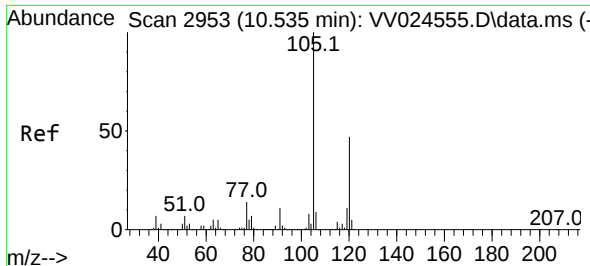
Tgt Ion:105 Resp: 444320
Ion Ratio Lower Upper
105 100
120 25.9 20.4 30.6
77 16.5 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 53.018 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.000 min
Lab File: VV024560.D
Acq: 04 Feb 2022 13:31

Tgt Ion: 75 Resp: 139749
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
110 38.7 30.9 46.3





#62

1,3,5-Trimethylbenzene

Concen: 47.854 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VV024560.D

Acq: 04 Feb 2022 13:31

Instrument :

MSVOA_V

ClientSampleId :

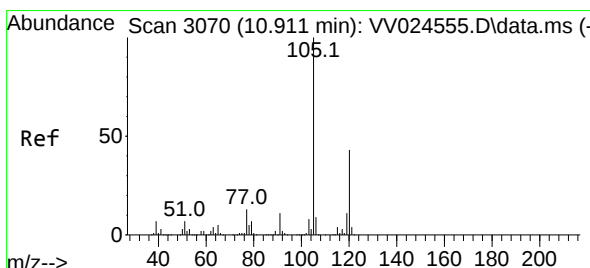
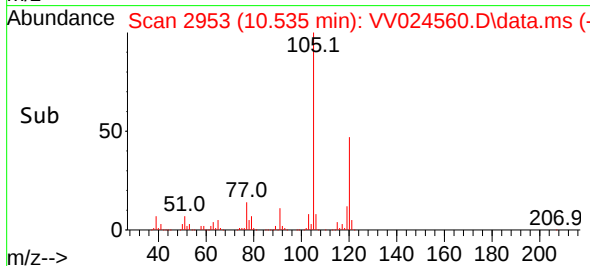
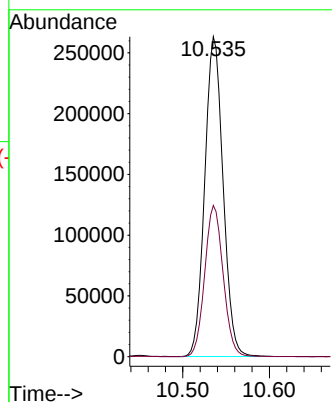
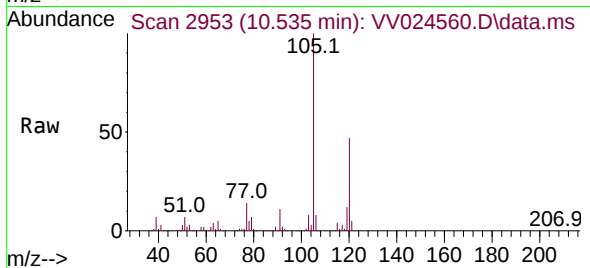
VSTD050284

Tgt Ion:105 Resp: 387481

Ion Ratio Lower Upper

105 100

120 47.6 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 48.429 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024560.D

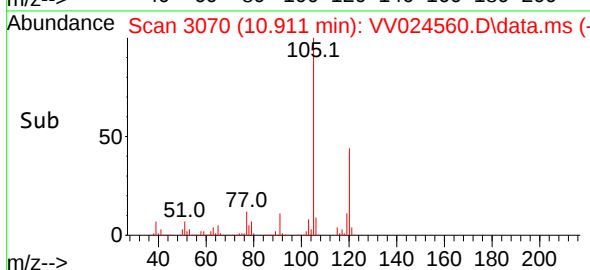
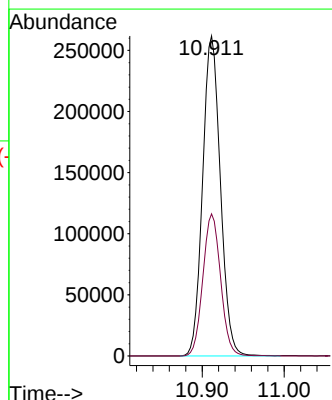
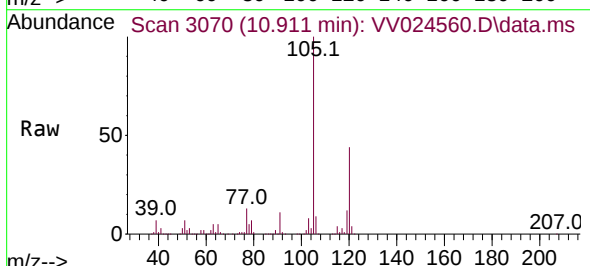
Acq: 04 Feb 2022 13:31

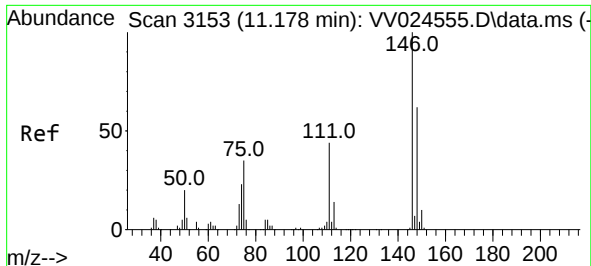
Tgt Ion:105 Resp: 394651

Ion Ratio Lower Upper

105 100

120 44.3 34.9 52.3

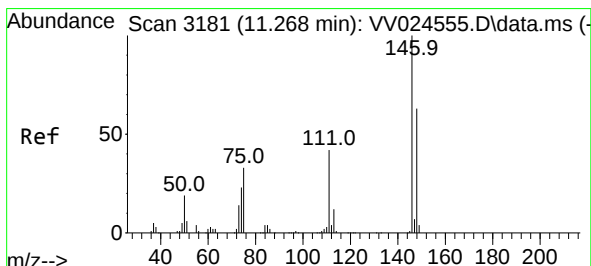
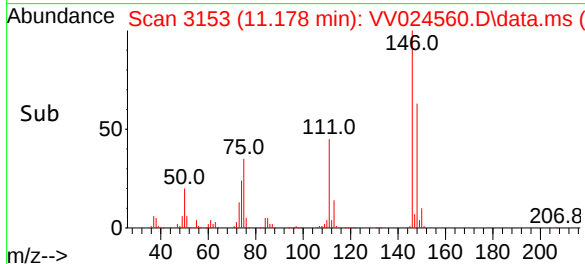
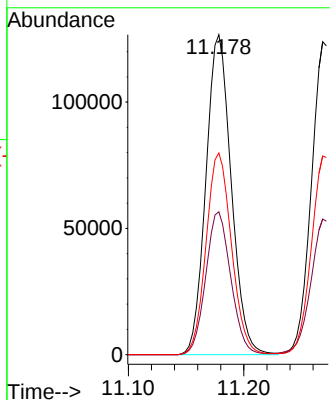
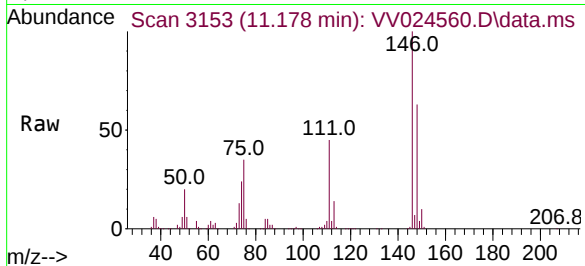




#64
1,3-Dichlorobenzene
Concen: 49.878 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024560.D
Acq: 04 Feb 2022 13:31

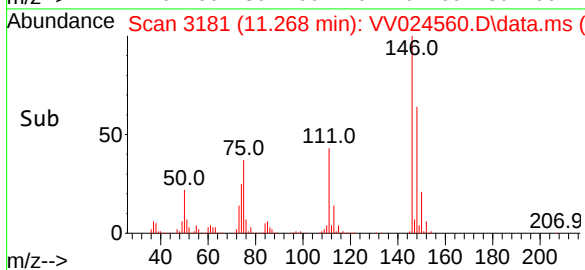
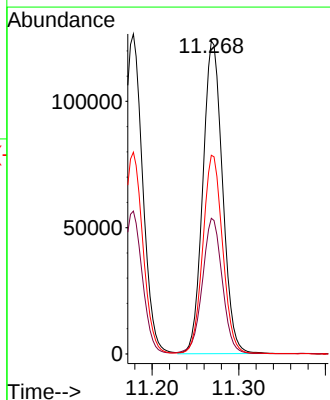
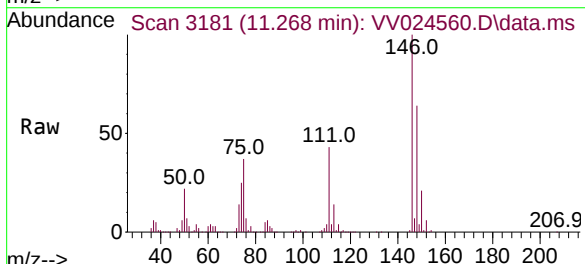
Instrument :
MSVOA_V
ClientSampleId :
VSTD050284

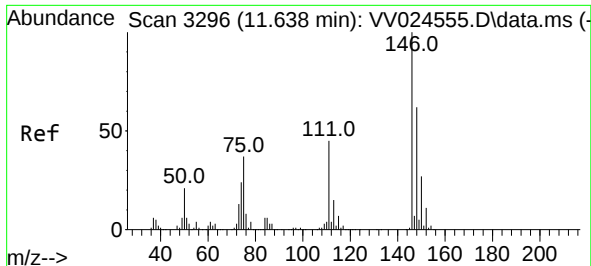
Tgt Ion:146 Resp: 193399
Ion Ratio Lower Upper
146 100
111 44.7 31.0 57.6
148 63.0 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 49.761 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VV024560.D
Acq: 04 Feb 2022 13:31

Tgt Ion:146 Resp: 195428
Ion Ratio Lower Upper
146 100
111 43.4 29.7 55.1
148 63.5 44.2 82.2

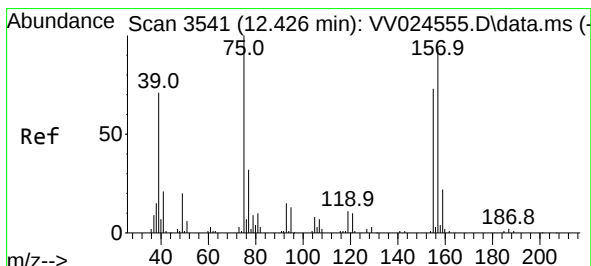
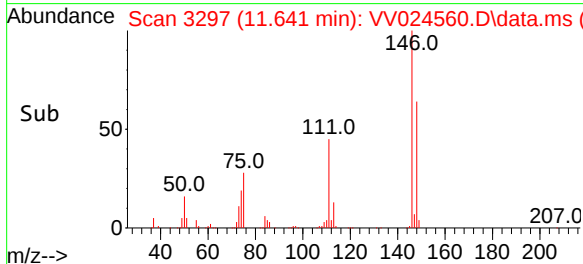
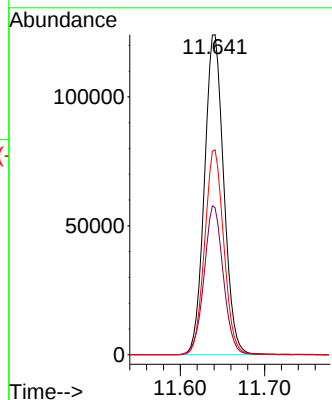
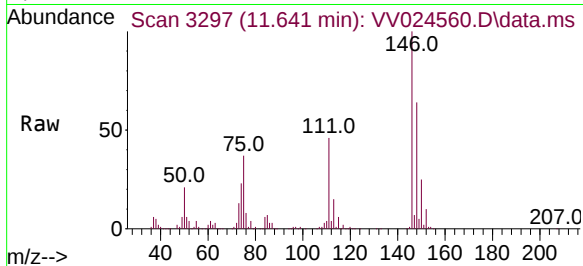




#67
1,2-Dichlorobenzene
Concen: 51.170 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.003 min
Lab File: VV024560.D
Acq: 04 Feb 2022 13:31

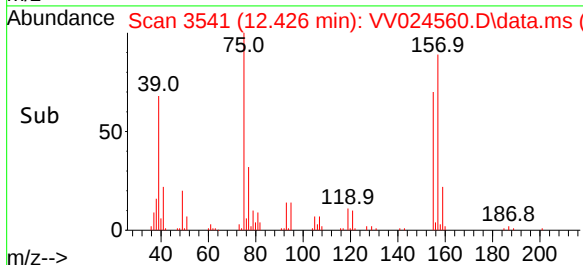
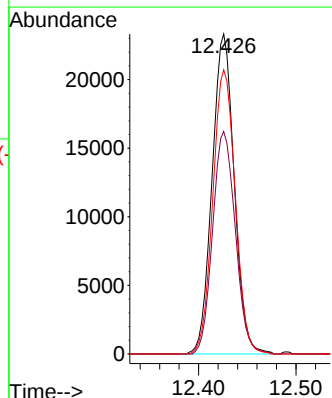
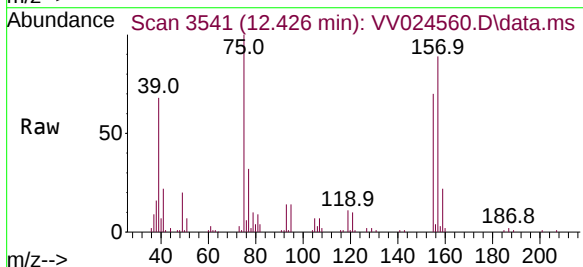
Instrument :
MSVOA_V
ClientSampleId :
VSTD050284

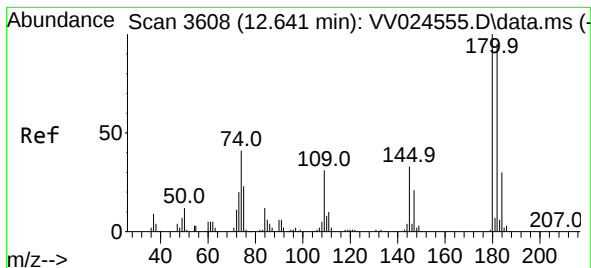
Tgt Ion:146 Resp: 198356
Ion Ratio Lower Upper
146 100
111 45.9 37.0 55.6
148 64.1 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 52.985 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV024560.D
Acq: 04 Feb 2022 13:31

Tgt Ion: 75 Resp: 36807
Ion Ratio Lower Upper
75 100
155 69.5 60.2 90.4
157 88.8 75.6 113.4





#69

1,3,5-Trichlorobenzene

Concen: 49.612 ug/L

RT: 12.641 min Scan# 30

Delta R.T. -0.000 min

Lab File: VV024560.D

Acq: 04 Feb 2022 13:31

Instrument :

MSVOA_V

ClientSampleId :

VSTD050284

Tgt Ion:180 Resp: 127572

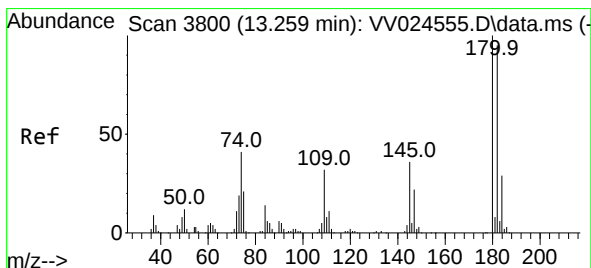
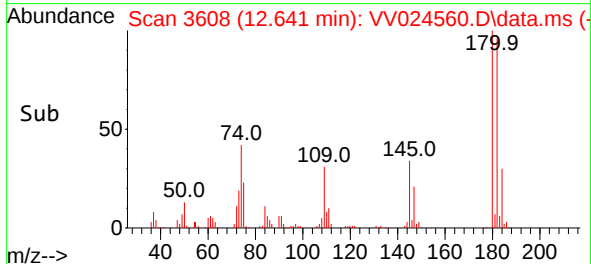
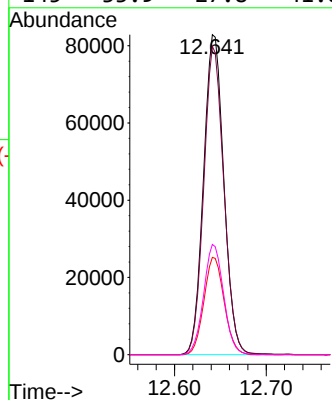
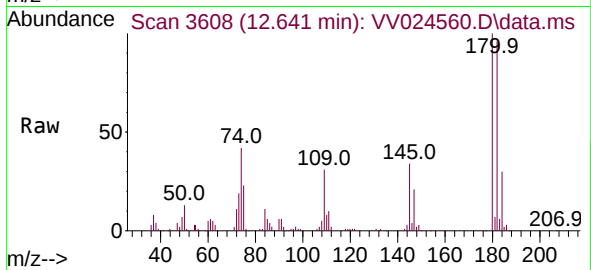
Ion Ratio Lower Upper

180 100

182 95.4 75.8 113.8

184 30.4 23.8 35.8

145 33.9 27.8 41.8



#70

1,2,4-trichlorobenzene

Concen: 51.941 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV024560.D

Acq: 04 Feb 2022 13:31

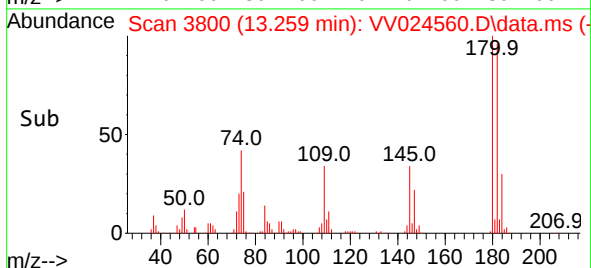
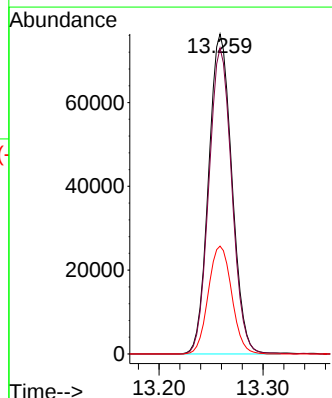
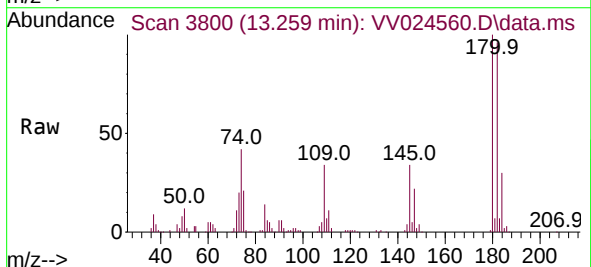
Tgt Ion:180 Resp: 119006

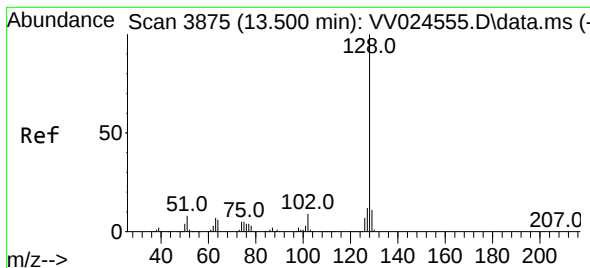
Ion Ratio Lower Upper

180 100

182 94.0 76.3 114.5

145 33.8 28.5 42.7





#71

Naphthalene

Concen: 54.243 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV024560.D

Acq: 04 Feb 2022 13:31

Instrument :

MSVOA_V

ClientSampleId :

VSTD050284

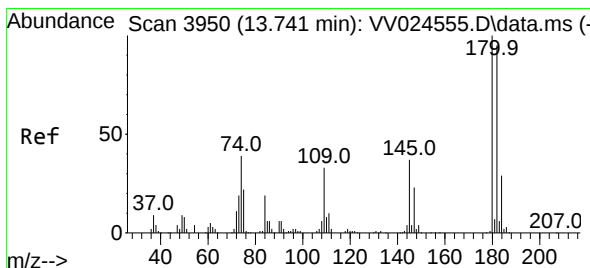
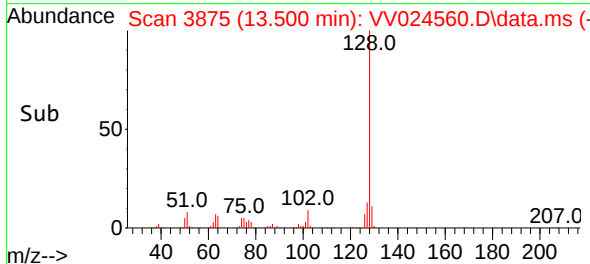
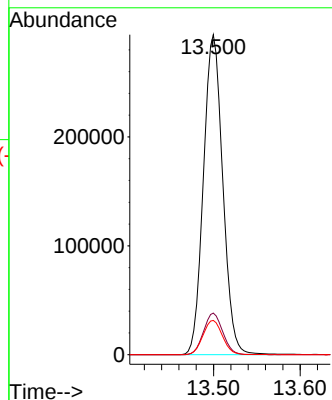
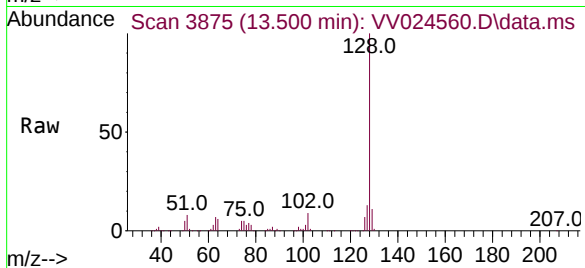
Tgt Ion:128 Resp: 455626

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.8 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 53.768 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV024560.D

Acq: 04 Feb 2022 13:31

Tgt Ion:180 Resp: 120336

Ion Ratio Lower Upper

180 100

182 92.1 75.4 113.2

145 36.0 30.1 45.1

