

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080122\
 Data File : VW027132.D
 Acq On : 01 Aug 2022 16:41
 Operator : SY/MD
 Sample : VSTD05048
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050248

Quant Time: Aug 02 00:05:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 02 00:03:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	619400	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	600677	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	324039	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	202422	50.426	ug/L	0.00
7) Chloroethane-d5	1.561	69	152961	50.920	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	378704	49.542	ug/L	0.00
21) 2-Butanone-d5	3.876	46	271859	107.936	ug/L	0.00
24) Chloroform-d	4.343	84	410412	50.580	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	230842	50.143	ug/L	0.00
32) Benzene-d6	5.047	84	823947	51.838	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	249039	50.649	ug/L	0.00
41) Toluene-d8	7.313	98	773752	53.997	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	111361	51.604	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	206214	108.633	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	373478	50.814	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	277930	48.804	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	293969	49.600	ug/L	100
3) Chloromethane	1.240	50	275743	49.064	ug/L	100
5) Vinyl chloride	1.307	62	290845	49.717	ug/L	100
6) Bromomethane	1.519	94	152559	50.287	ug/L	100
8) Chloroethane	1.581	64	160205	51.112	ug/L	100
9) Trichlorofluoromethane	1.748	101	375994	48.783	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	216725	49.029	ug/L	100
12) 1,1-Dichloroethene	2.114	96	209692	48.821	ug/L	100
13) Acetone	2.169	43	220070	98.611	ug/L	100
14) Carbon disulfide	2.288	76	630760	49.311	ug/L	100
15) Methyl Acetate	2.426	43	244211	50.299	ug/L	100
16) Methylene chloride	2.500	84	261442	48.022	ug/L	100
17) trans-1,2-Dichloroethene	2.754	96	227258	49.709	ug/L	100
18) Methyl tert-butyl Ether	2.764	73	662657	50.457	ug/L	100
19) 1,1-Dichloroethane	3.185	63	411613	49.167	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	242643	49.999	ug/L	100
22) 2-Butanone	3.960	43	322226	109.960	ug/L	100
23) Bromochloromethane	4.243	128	139360	50.544	ug/L	100
25) Chloroform	4.368	83	441995	50.145	ug/L	100
27) 1,2-Dichloroethane	5.124	62	308377	50.530	ug/L	100
29) Cyclohexane	4.674	56	313748	51.591	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	378083	50.195	ug/L	100
31) Carbon tetrachloride	4.822	117	326595	50.425	ug/L	100
33) Benzene	5.095	78	969225	52.609	ug/L	100
34) Trichloroethene	5.912	95	235559	49.719	ug/L	100
35) Methylcyclohexane	6.127	83	365110	51.924	ug/L	100
37) 1,2-Dichloropropane	6.169	63	252386	52.183	ug/L	100
38) Bromodichloromethane	6.506	83	322993	50.417	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	342877	50.535	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	622039	108.821	ug/L	100
42) Toluene	7.384	91	1031139	54.255	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	342051	52.470	ug/L	100

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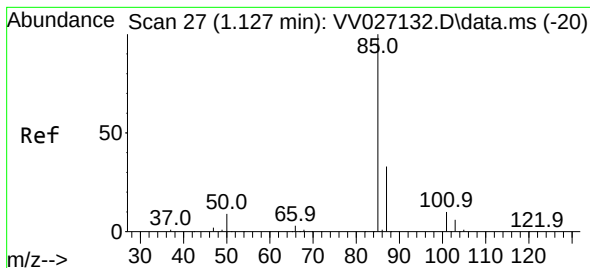
Quant Time: Aug 02 00:05:44 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	257612	50.669	ug/L	100
46) Tetrachloroethene	7.973	164	188486	52.108	ug/L	100
48) 2-Hexanone	8.137	43	496010	111.606	ug/L	100
49) Dibromochloromethane	8.243	129	268644	50.901	ug/L	100
50) 1,2-Dibromoethane	8.349	107	266867	50.700	ug/L	100
51) Chlorobenzene	8.879	112	658605	50.075	ug/L	100
52) Ethylbenzene	9.011	91	1041446	53.469	ug/L	100
53) m,p-Xylene	9.137	106	417881	54.692	ug/L	100
54) o-Xylene	9.542	106	406631	54.367	ug/L	100
55) Styrene	9.558	104	738490	56.811	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	418839	50.804	ug/L	100
59) Bromoform	9.728	173	181828	48.604	ug/L	100
60) Isopropylbenzene	9.931	105	1033378	51.973	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	323962	48.154	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	431943	50.156	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	348390	50.069	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	497213	50.741	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	517154	50.028	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	520101	50.543	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	88195	49.000	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	345007	49.626	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	291231	49.891	ug/L	100
71) Naphthalene	13.500	128	989877	51.623	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	330994	51.852	ug/L	100

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

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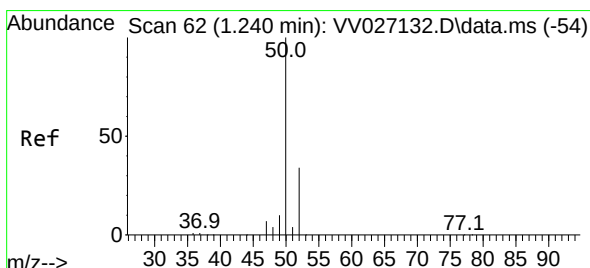
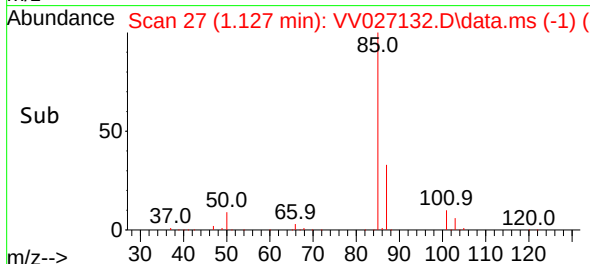
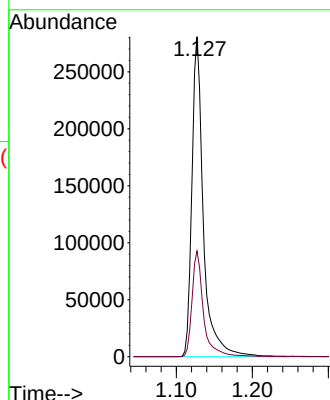
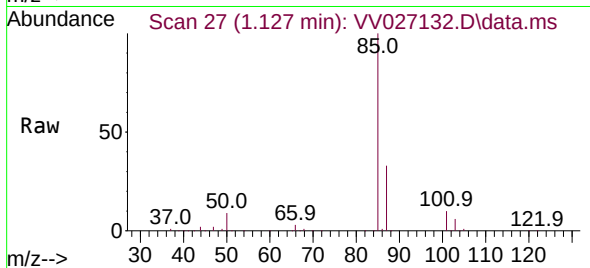




#2
 Dichlorodifluoromethane
 Concen: 49.600 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027132.D
 Acq: 01 Aug 2022 16:41

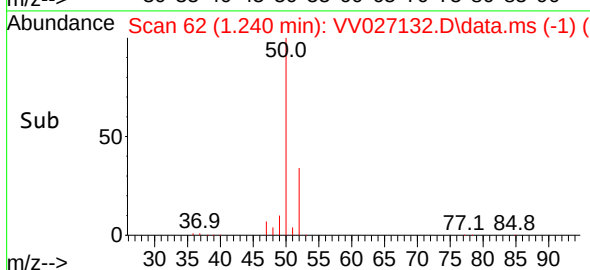
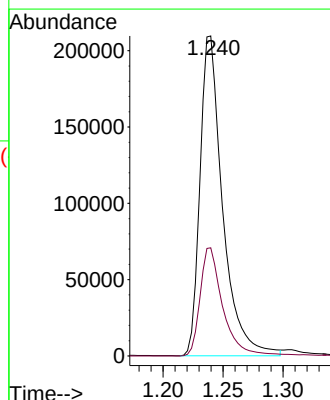
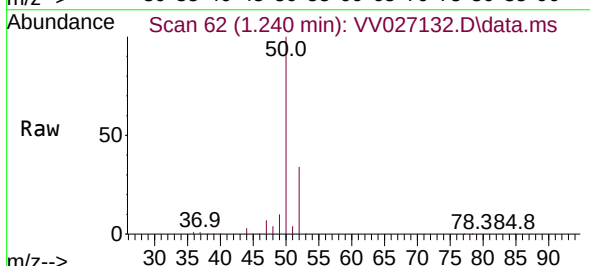
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050248

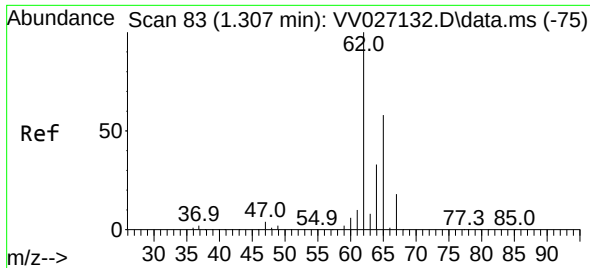
Tgt Ion: 85 Resp: 293969
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.3 39.5



#3
 Chloromethane
 Concen: 49.064 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV027132.D
 Acq: 01 Aug 2022 16:41

Tgt Ion: 50 Resp: 275743
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.7 43.9

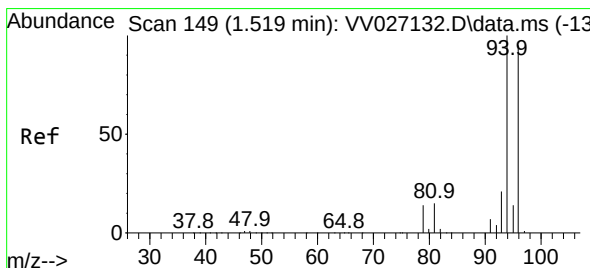
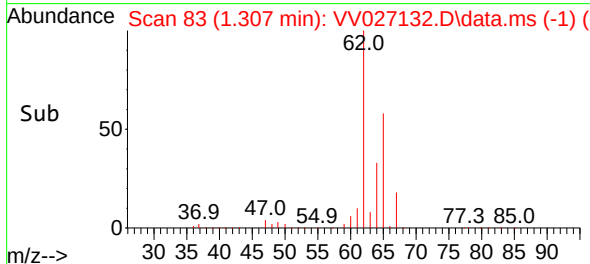
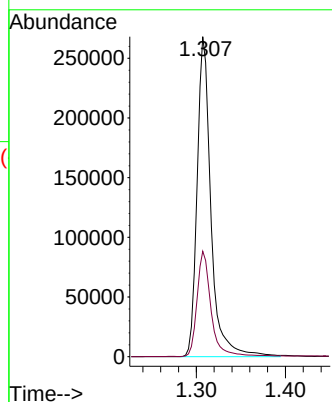
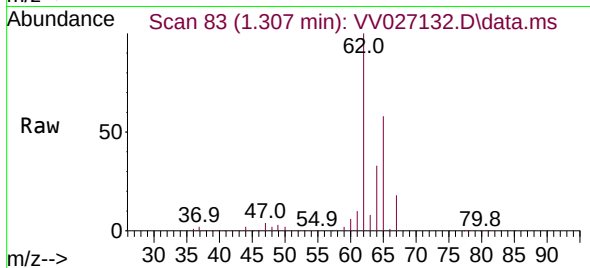




#5
 Vinyl chloride
 Concen: 49.717 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV027132.D
 Acq: 01 Aug 2022 16:41

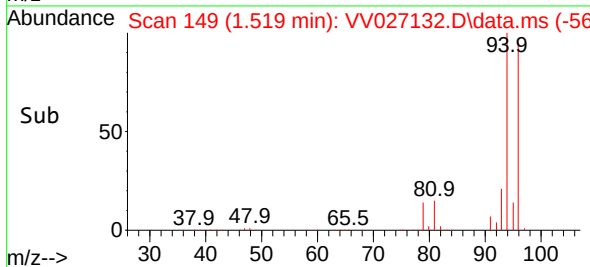
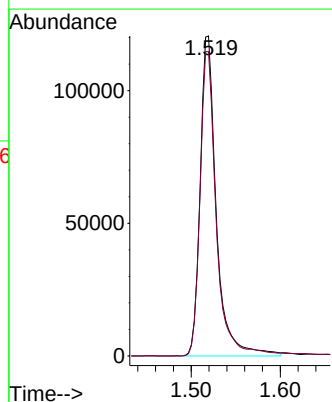
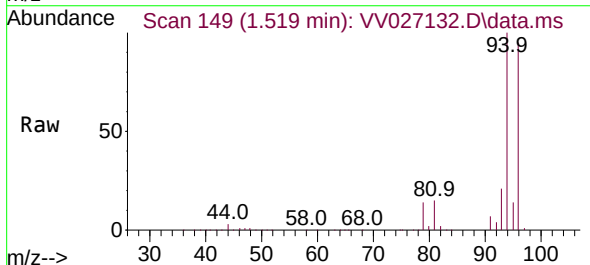
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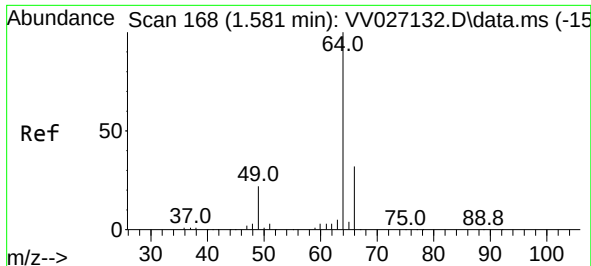
Tgt Ion: 62 Resp: 290845
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.1 42.9



#6
 Bromomethane
 Concen: 50.287 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV027132.D
 Acq: 01 Aug 2022 16:41

Tgt Ion: 94 Resp: 152559
 Ion Ratio Lower Upper
 94 100
 96 95.1 66.6 123.6

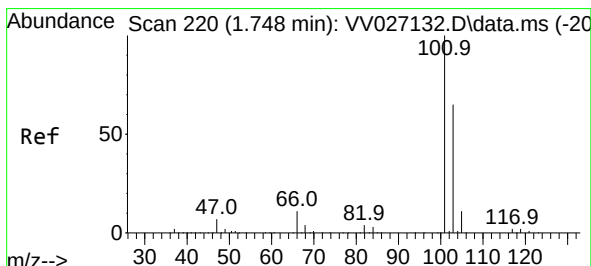
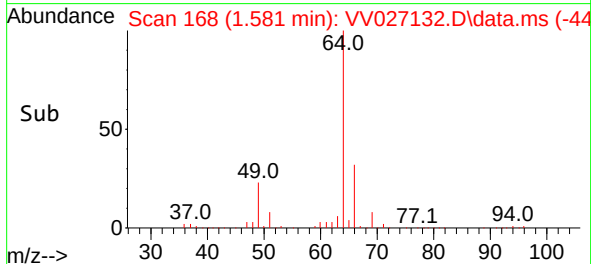
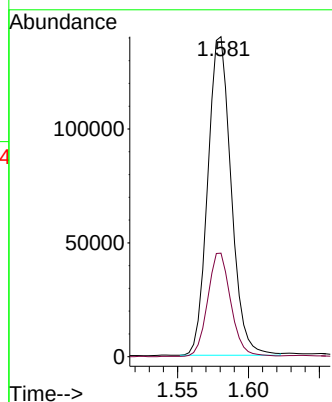
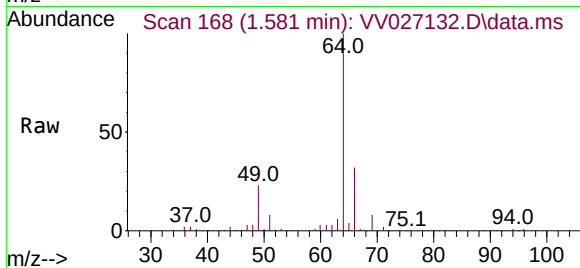




#8
Chloroethane
Concen: 51.112 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV027132.D
Acq: 01 Aug 2022 16:41

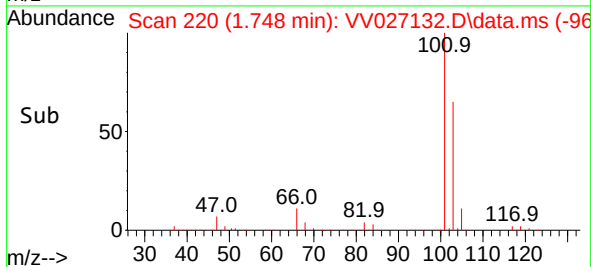
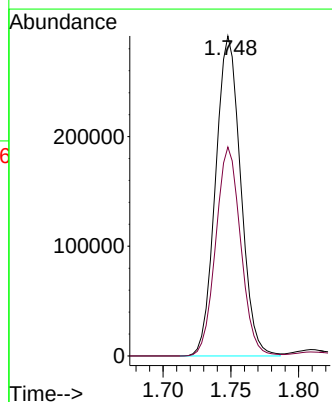
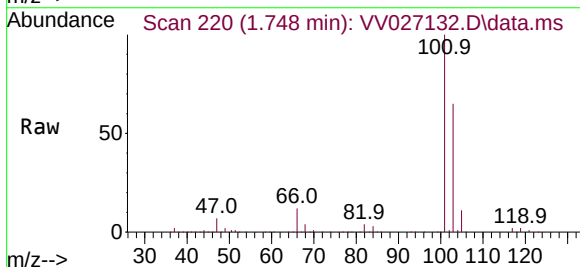
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ClientSampleId :
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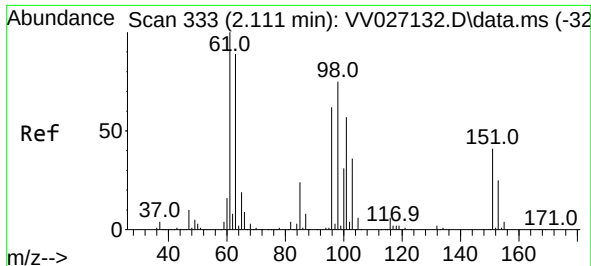
Tgt Ion: 64 Resp: 160205
Ion Ratio Lower Upper
64 100
66 32.3 22.6 42.0



#9
Trichlorofluoromethane
Concen: 48.783 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV027132.D
Acq: 01 Aug 2022 16:41

Tgt Ion:101 Resp: 375994
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8

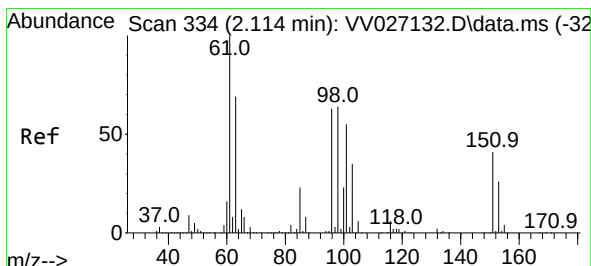
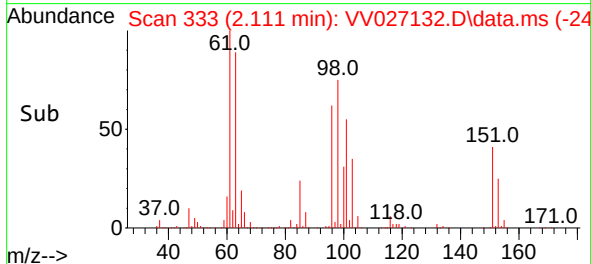
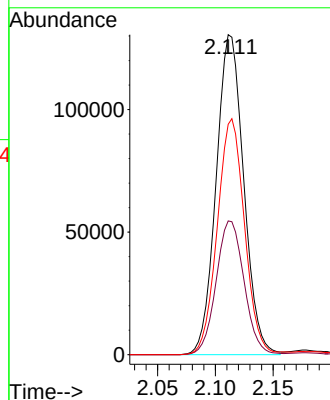
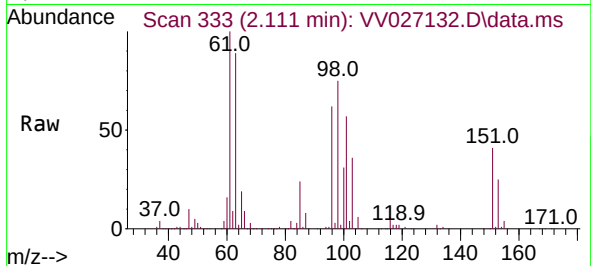




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.029 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV027132.D
 Acq: 01 Aug 2022 16:41

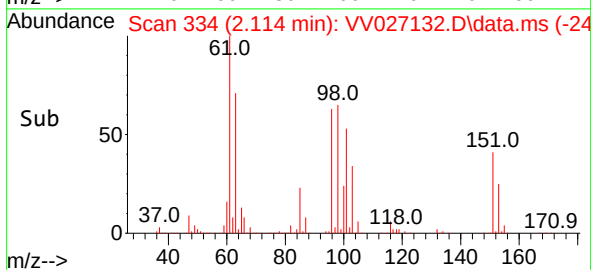
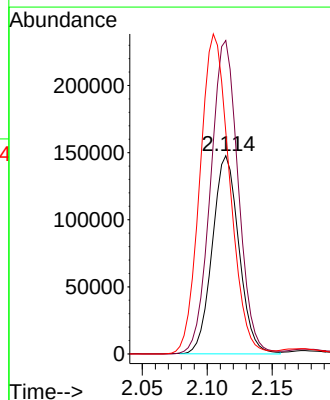
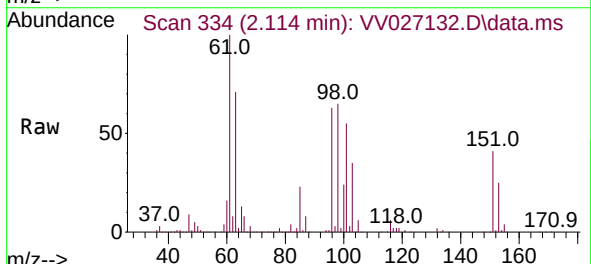
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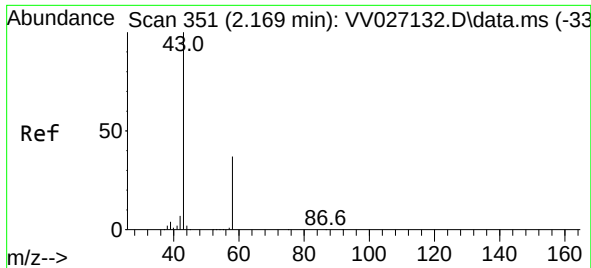
Tgt Ion:101 Resp: 216725
 Ion Ratio Lower Upper
 101 100
 85 42.4 33.9 50.9
 151 73.0 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 48.821 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV027132.D
 Acq: 01 Aug 2022 16:41

Tgt Ion: 96 Resp: 209692
 Ion Ratio Lower Upper
 96 100
 61 158.1 110.7 205.5
 63 112.0 78.4 145.6





#13

Acetone

Concen: 98.611 ug/L

RT: 2.169 min Scan# 351

Delta R.T. 0.000 min

Lab File: VV027132.D

Acq: 01 Aug 2022 16:41

Instrument :

MSVOA_V

ClientSampleId :

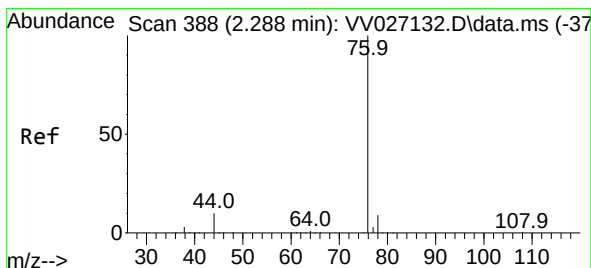
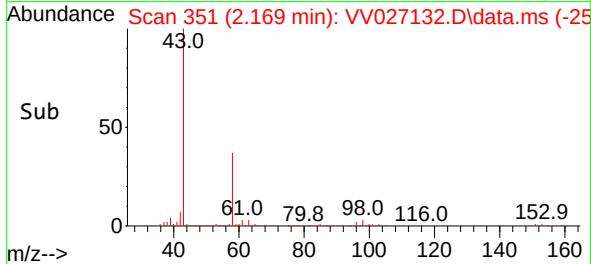
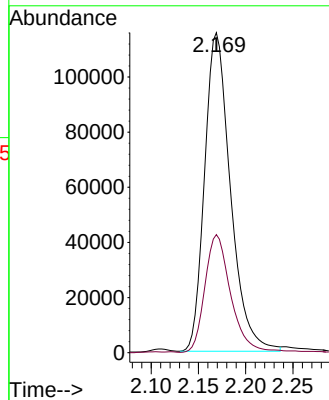
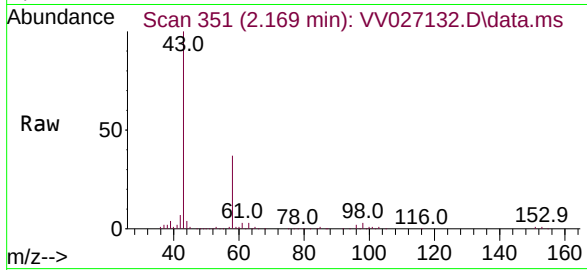
VSTD050248

Tgt Ion: 43 Resp: 220070

Ion Ratio Lower Upper

43 100

58 36.8 0.0 73.6



#14

Carbon disulfide

Concen: 49.311 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.000 min

Lab File: VV027132.D

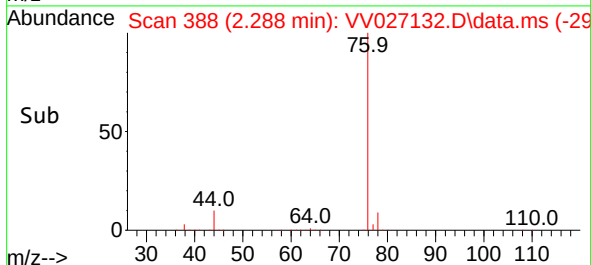
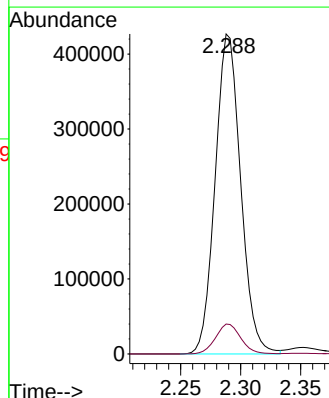
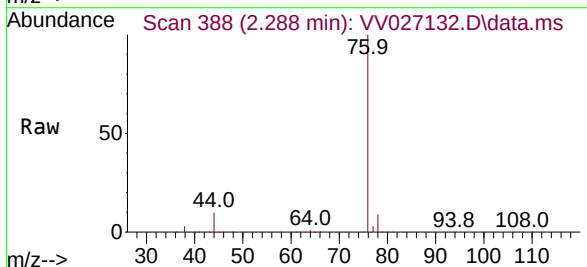
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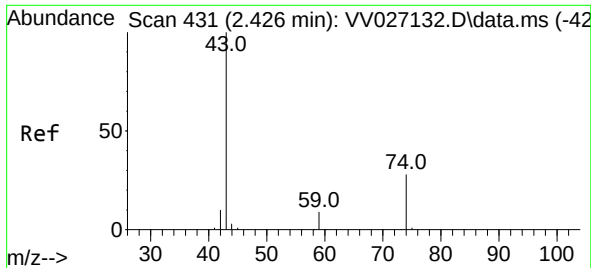
Tgt Ion: 76 Resp: 630760

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

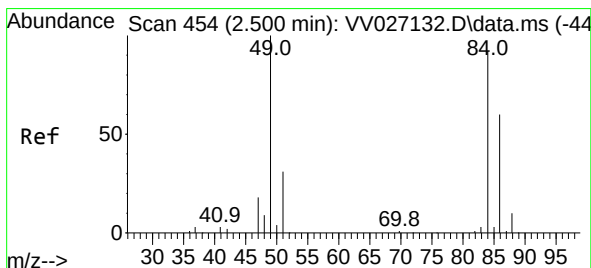
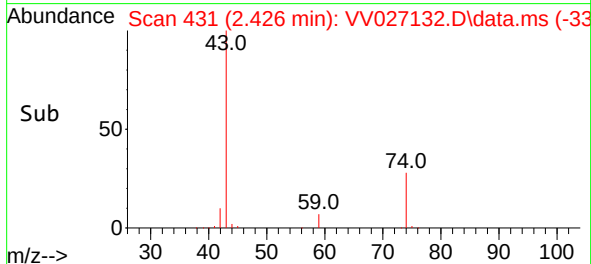
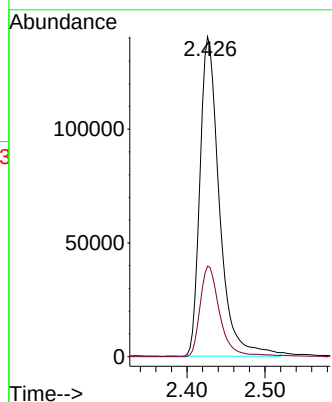
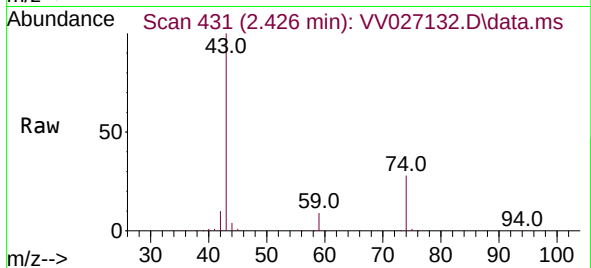




#15
Methyl Acetate
Concen: 50.299 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.000 min
Lab File: VV027132.D
Acq: 01 Aug 2022 16:41

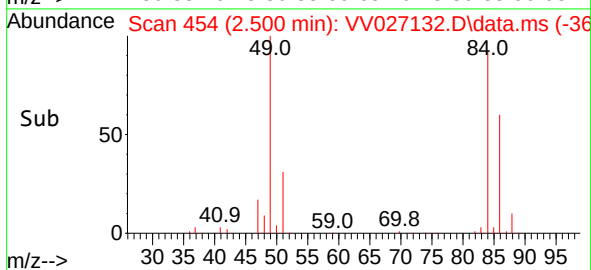
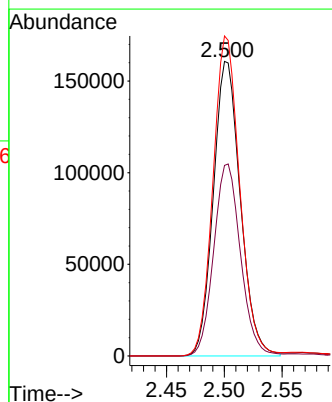
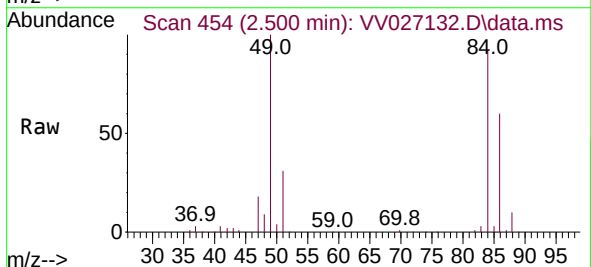
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ClientSampleId :
VSTD050248

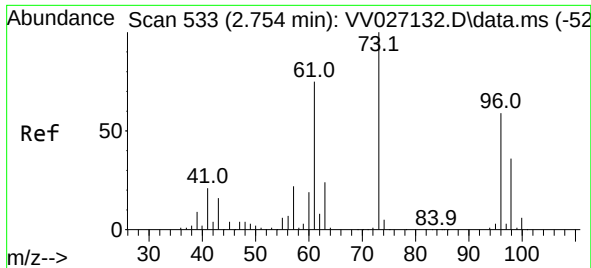
Tgt Ion: 43 Resp: 244211
Ion Ratio Lower Upper
43 100
74 28.0 22.4 33.6



#16
Methylene chloride
Concen: 48.022 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV027132.D
Acq: 01 Aug 2022 16:41

Tgt Ion: 84 Resp: 261442
Ion Ratio Lower Upper
84 100
86 64.7 45.3 84.1
49 108.6 76.0 141.2

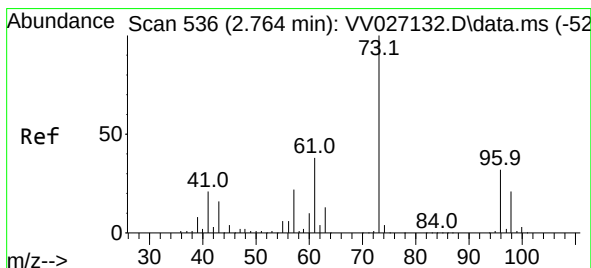
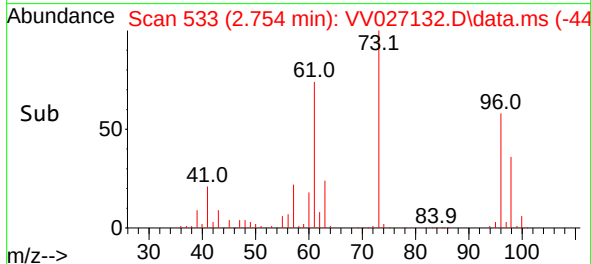
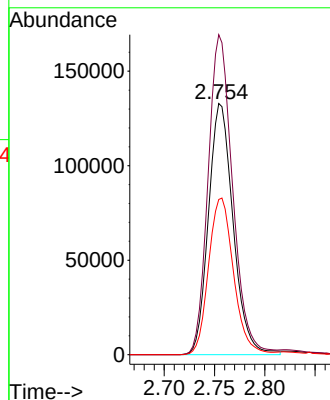
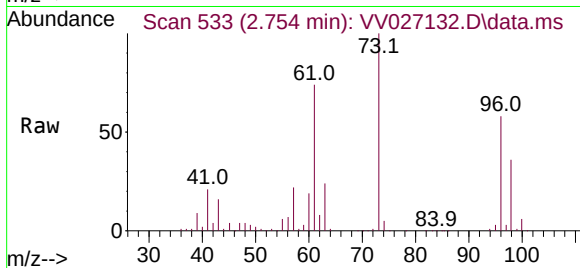




#17
trans-1,2-Dichloroethene
Concen: 49.709 ug/L
RT: 2.754 min Scan# 511
Delta R.T. 0.000 min
Lab File: VV027132.D
Acq: 01 Aug 2022 16:41

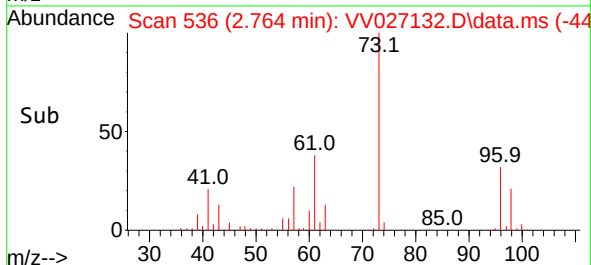
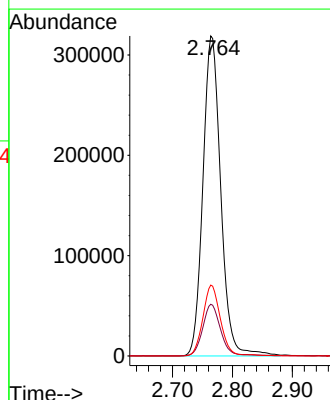
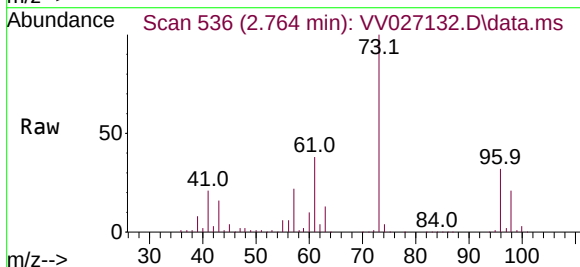
Instrument :
MSVOA_V
ClientSampleId :
VSTD050248

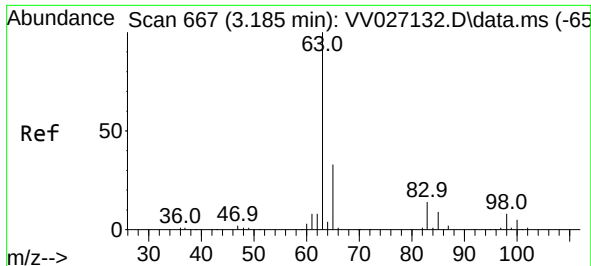
Tgt Ion: 96 Resp: 227258
Ion Ratio Lower Upper
96 100
61 127.4 89.2 165.6
98 61.8 43.3 80.3



#18
Methyl tert-butyl Ether
Concen: 50.457 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV027132.D
Acq: 01 Aug 2022 16:41

Tgt Ion: 73 Resp: 662657
Ion Ratio Lower Upper
73 100
43 15.7 12.6 18.8
57 21.5 17.2 25.8





#19

1,1-Dichloroethane

Concen: 49.167 ug/L

RT: 3.185 min Scan# 667

Delta R.T. 0.000 min

Lab File: VV027132.D

Acq: 01 Aug 2022 16:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD050248

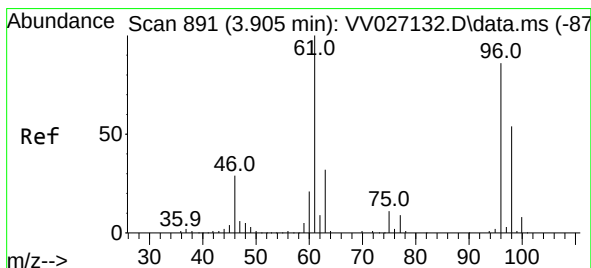
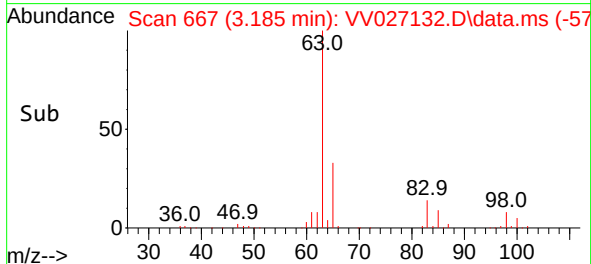
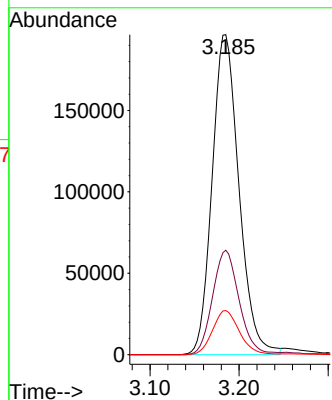
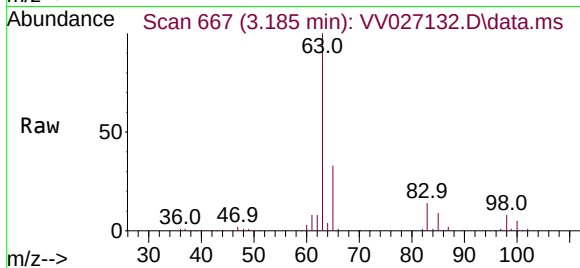
Tgt Ion: 63 Resp: 411613

Ion Ratio Lower Upper

63 100

65 32.7 22.9 42.5

83 13.8 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 49.999 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.000 min

Lab File: VV027132.D

Acq: 01 Aug 2022 16:41

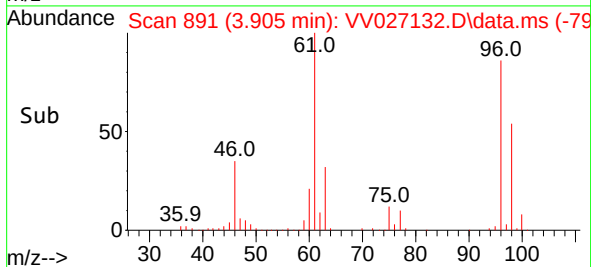
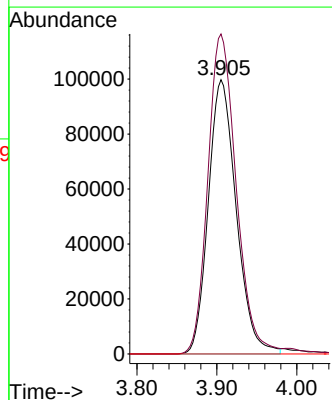
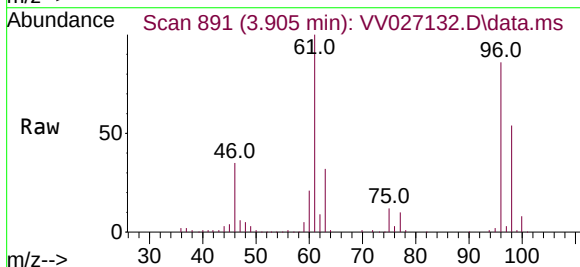
Tgt Ion: 96 Resp: 242643

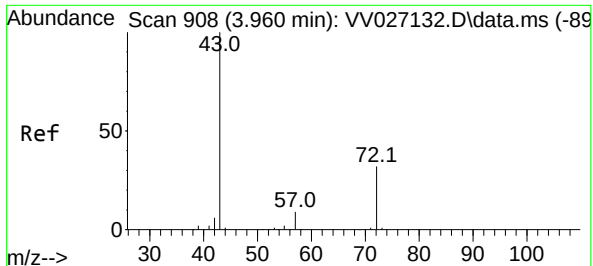
Ion Ratio Lower Upper

96 100

61 116.7 81.7 151.7

68 0.0 0.0 0.0

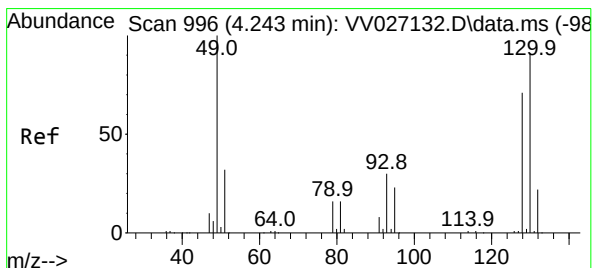
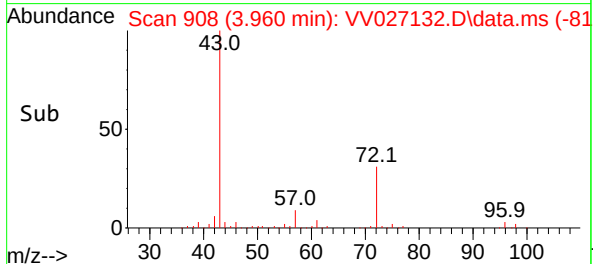
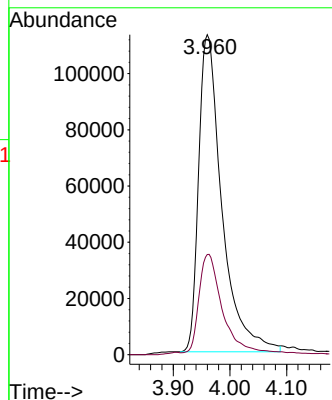
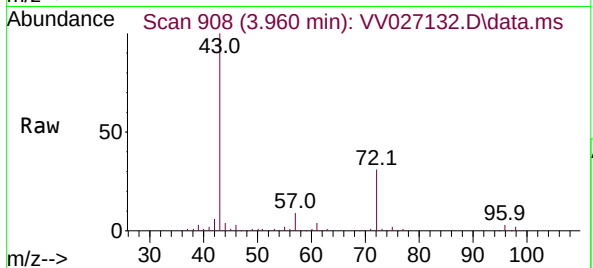




#22
2-Butanone
Concen: 109.960 ug/L
RT: 3.960 min Scan# 908
Delta R.T. 0.000 min
Lab File: VV027132.D
Acq: 01 Aug 2022 16:41

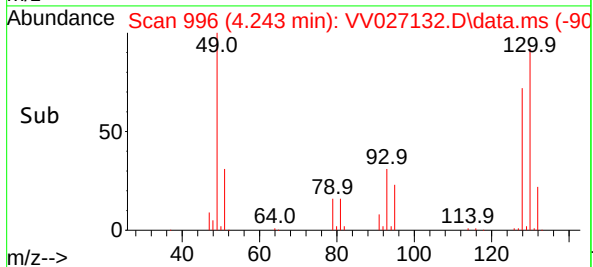
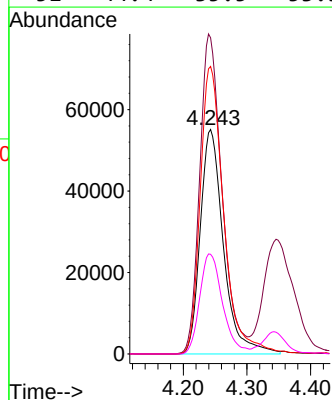
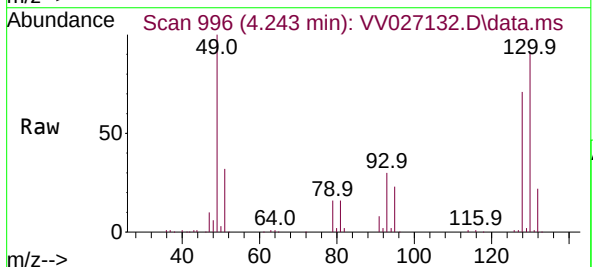
Instrument :
MSVOA_V
ClientSampleId :
VSTD050248

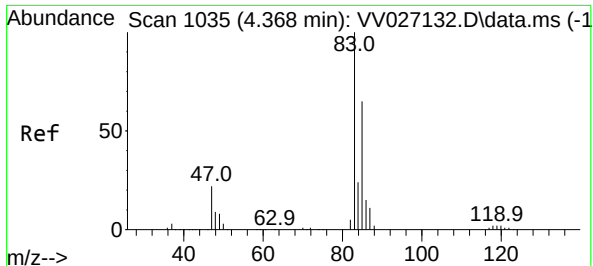
Tgt Ion: 43 Resp: 322226
Ion Ratio Lower Upper
43 100
72 31.4 15.7 47.1



#23
Bromochloromethane
Concen: 50.544 ug/L
RT: 4.243 min Scan# 996
Delta R.T. 0.000 min
Lab File: VV027132.D
Acq: 01 Aug 2022 16:41

Tgt Ion: 128 Resp: 139360
Ion Ratio Lower Upper
128 100
49 140.9 98.6 183.2
130 128.1 89.7 166.5
51 44.4 35.5 53.3





#25

Chloroform

Concen: 50.145 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VV027132.D

Acq: 01 Aug 2022 16:41

Instrument :

MSVOA_V

ClientSampleId :

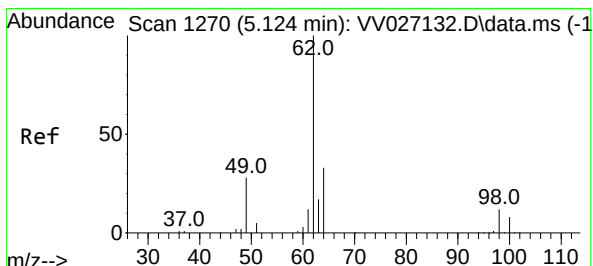
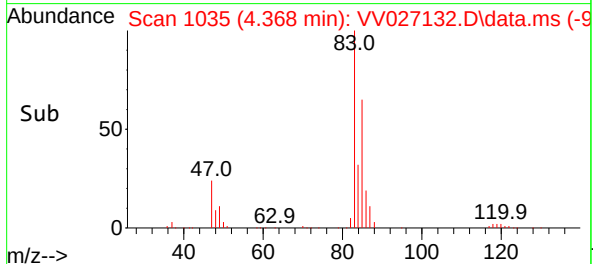
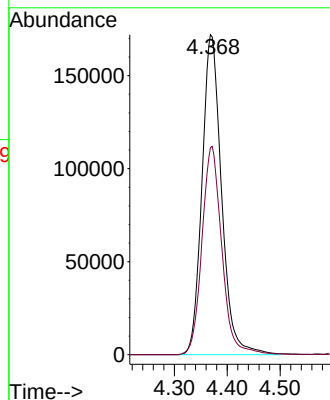
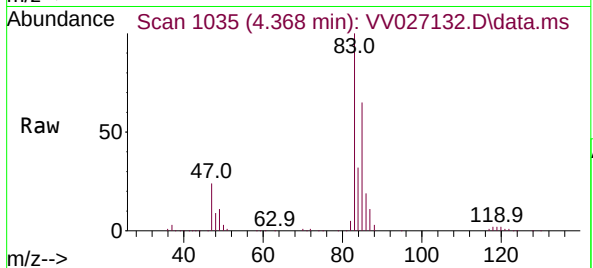
VSTD050248

Tgt Ion: 83 Resp: 441995

Ion Ratio Lower Upper

83 100

85 64.7 45.3 84.1



#27

1,2-Dichloroethane

Concen: 50.530 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VV027132.D

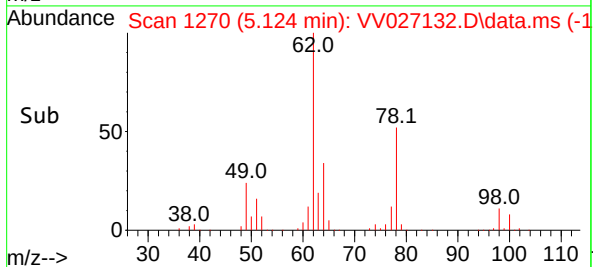
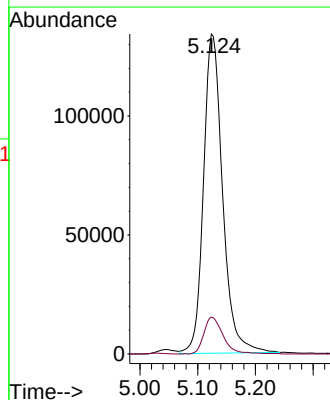
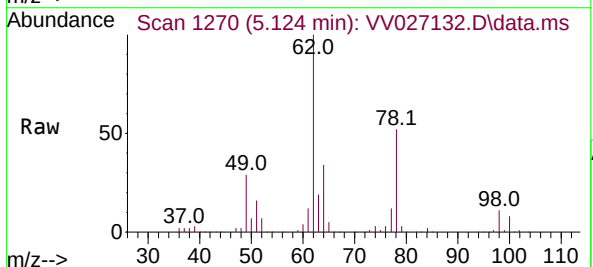
Acq: 01 Aug 2022 16:41

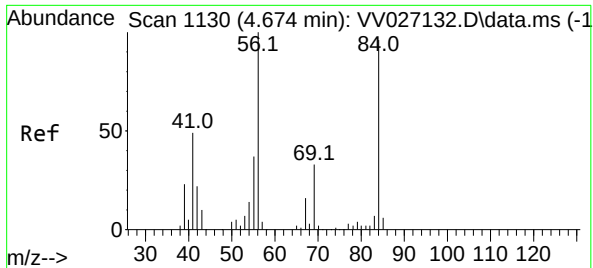
Tgt Ion: 62 Resp: 308377

Ion Ratio Lower Upper

62 100

98 11.5 9.2 13.8





#29

Cyclohexane

Concen: 51.591 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VV027132.D

Acq: 01 Aug 2022 16:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD050248

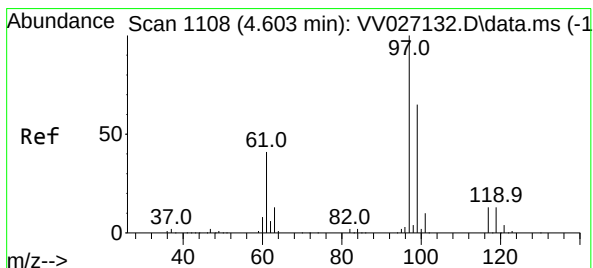
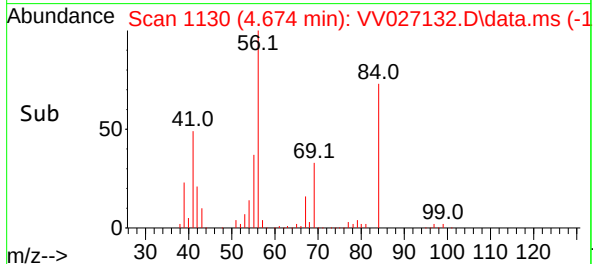
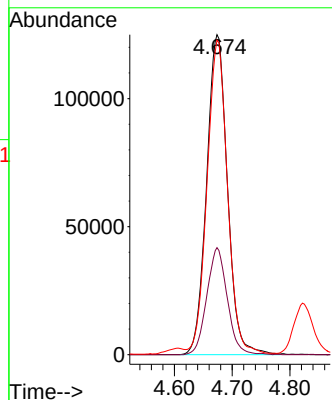
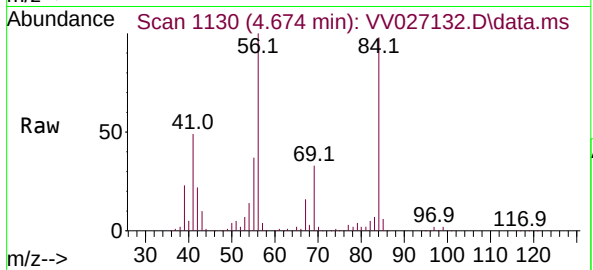
Tgt Ion: 56 Resp: 313748

Ion Ratio Lower Upper

56 100

69 32.6 26.1 39.1

84 96.6 77.3 115.9



#30

1,1,1-Trichloroethane

Concen: 50.195 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV027132.D

Acq: 01 Aug 2022 16:41

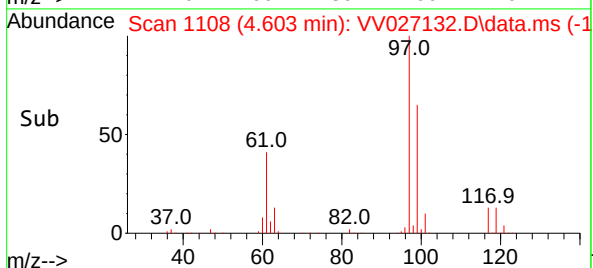
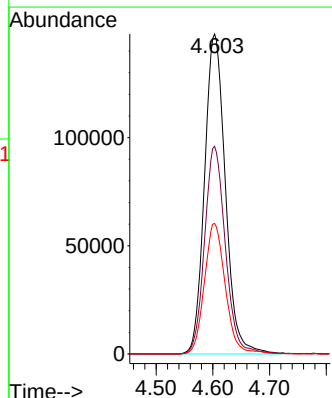
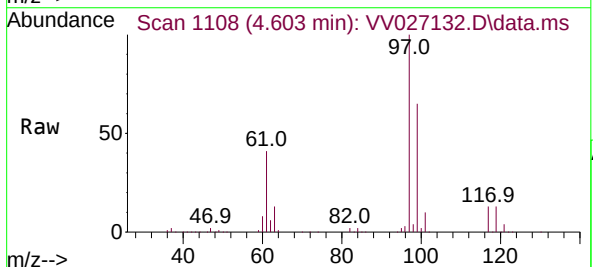
Tgt Ion: 97 Resp: 378083

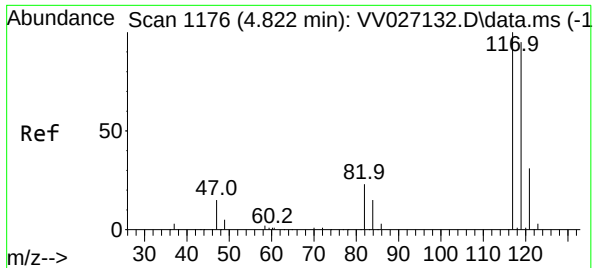
Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.8

61 40.9 32.7 49.1

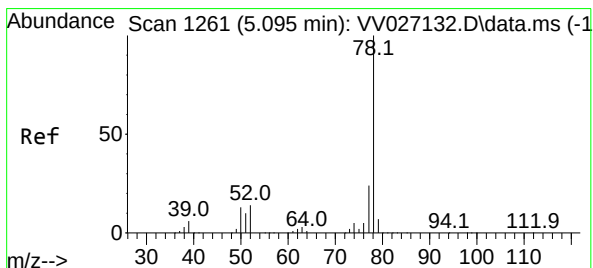
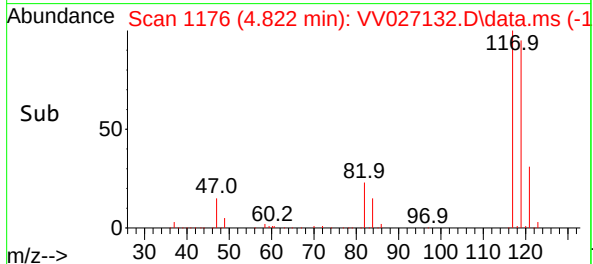
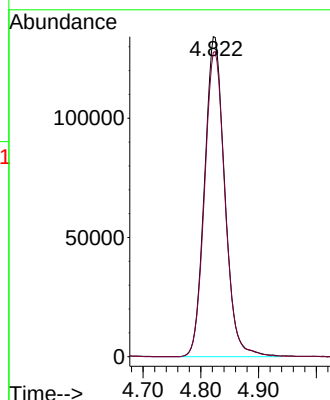
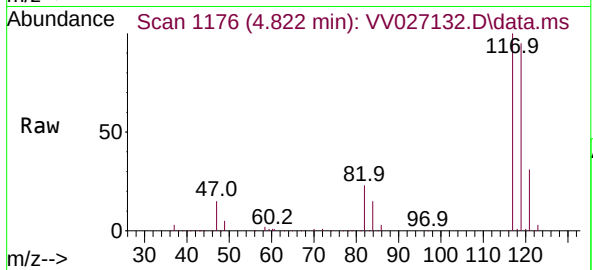




#31
Carbon tetrachloride
Concen: 50.425 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV027132.D
Acq: 01 Aug 2022 16:41

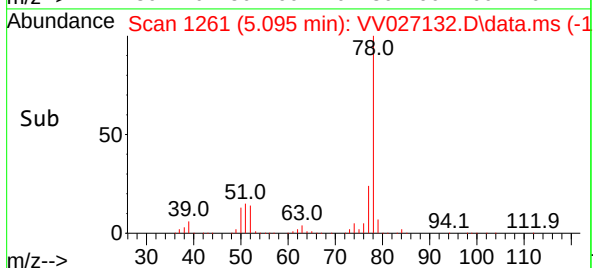
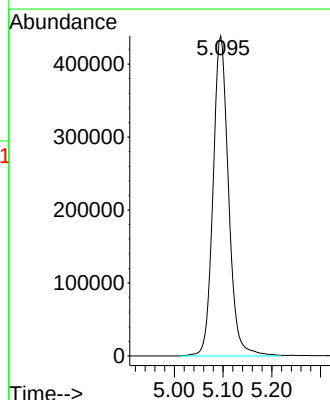
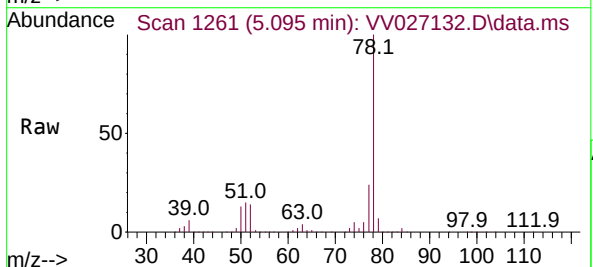
Instrument :
MSVOA_V
ClientSampleId :
VSTD050248

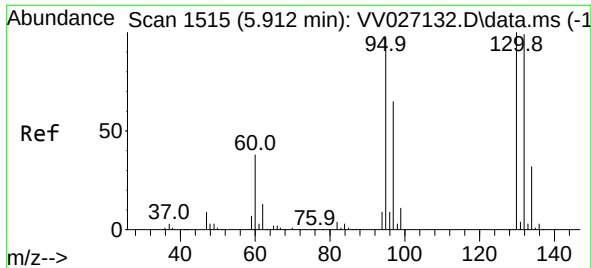
Tgt Ion:117 Resp: 326595
Ion Ratio Lower Upper
117 100
119 96.4 77.1 115.7



#33
Benzene
Concen: 52.609 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV027132.D
Acq: 01 Aug 2022 16:41

Tgt Ion: 78 Resp: 969225

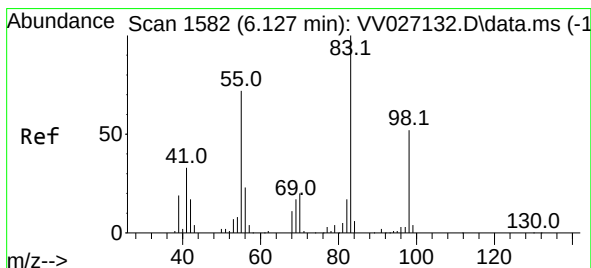
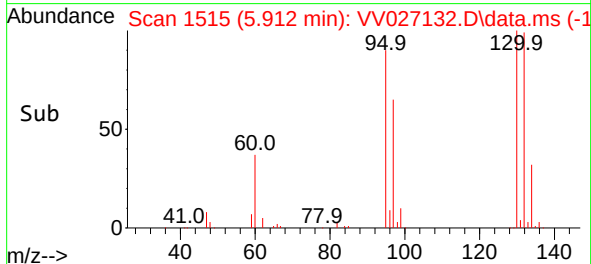
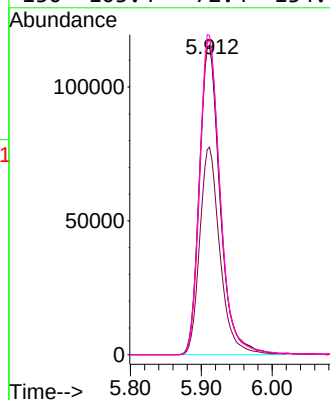
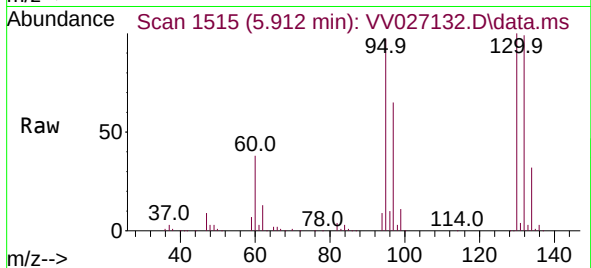




#34
Trichloroethene
Concen: 49.719 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV027132.D
Acq: 01 Aug 2022 16:41

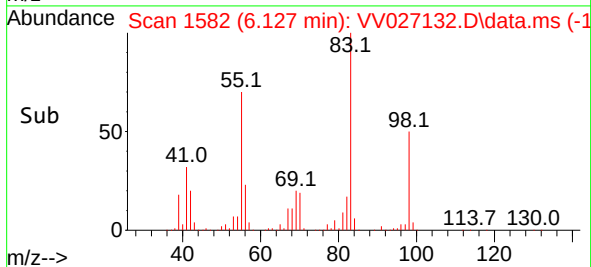
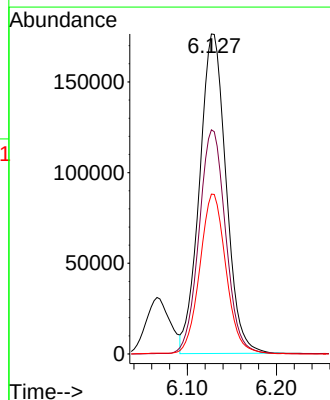
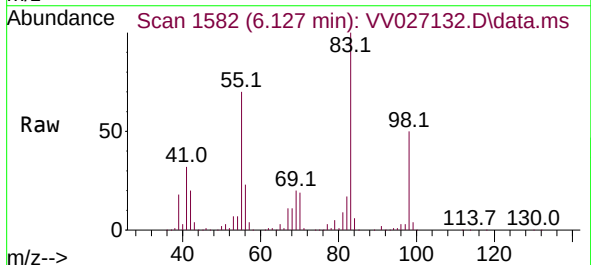
Instrument :
MSVOA_V
ClientSampleId :
VSTD050248

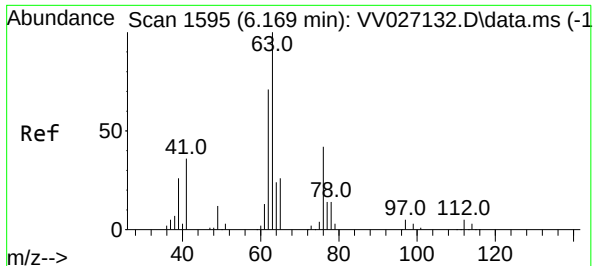
Tgt Ion: 95 Resp: 235559
Ion Ratio Lower Upper
95 100
97 67.1 47.0 87.2
132 102.1 71.5 132.7
130 103.4 72.4 134.4



#35
Methylcyclohexane
Concen: 51.924 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV027132.D
Acq: 01 Aug 2022 16:41

Tgt Ion: 83 Resp: 365110
Ion Ratio Lower Upper
83 100
55 70.3 56.2 84.4
98 49.5 39.6 59.4





#37

1,2-Dichloropropane

Concen: 52.183 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV027132.D

Acq: 01 Aug 2022 16:41

Instrument :

MSVOA_V

ClientSampleId :

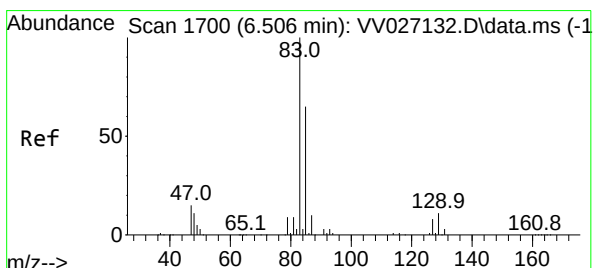
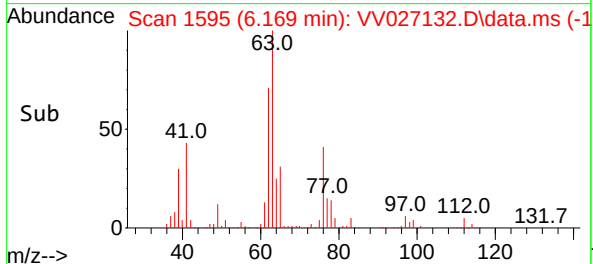
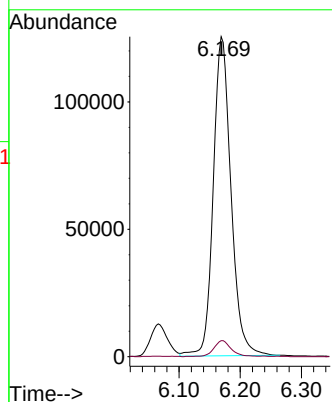
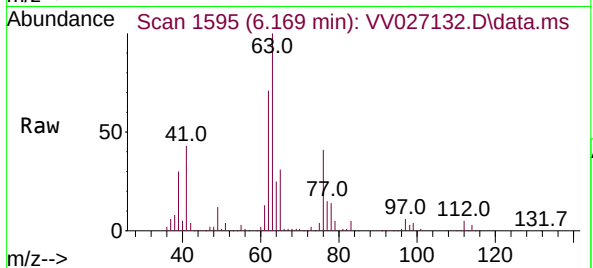
VSTD050248

Tgt Ion: 63 Resp: 252386

Ion Ratio Lower Upper

63 100

112 5.0 4.0 6.0



#38

Bromodichloromethane

Concen: 50.417 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV027132.D

Acq: 01 Aug 2022 16:41

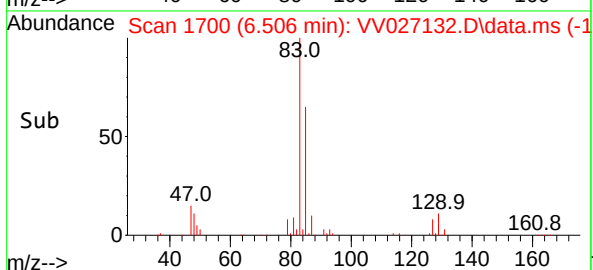
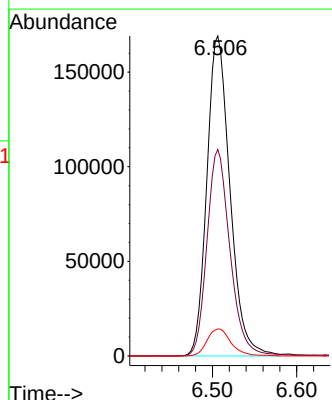
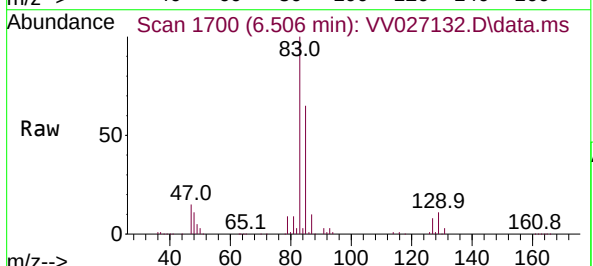
Tgt Ion: 83 Resp: 322993

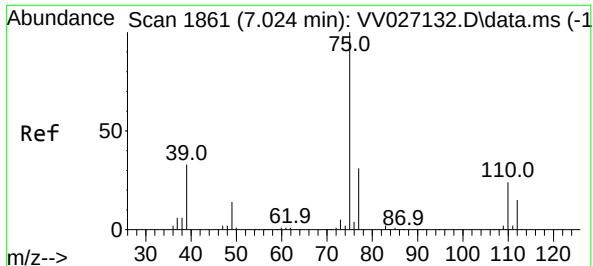
Ion Ratio Lower Upper

83 100

85 64.5 45.1 83.9

127 8.4 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 50.535 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV027132.D

Acq: 01 Aug 2022 16:41

Instrument :

MSVOA_V

ClientSampleId :

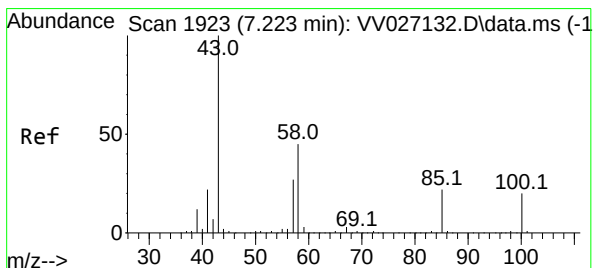
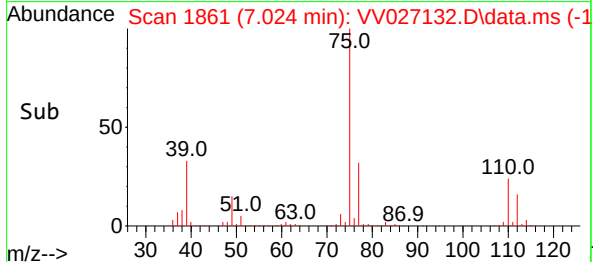
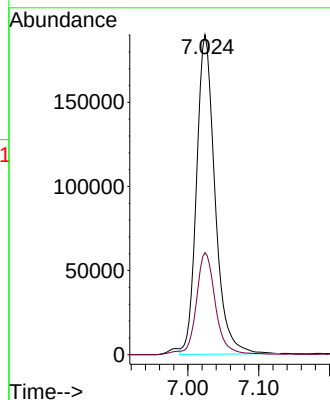
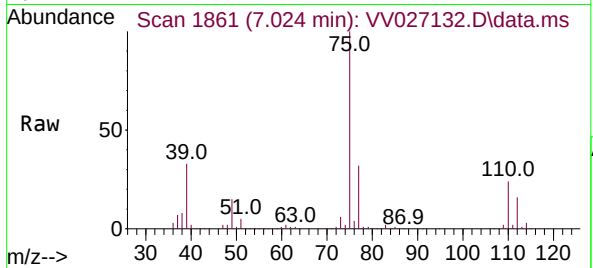
VSTD050248

Tgt Ion: 75 Resp: 342877

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 108.821 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV027132.D

Acq: 01 Aug 2022 16:41

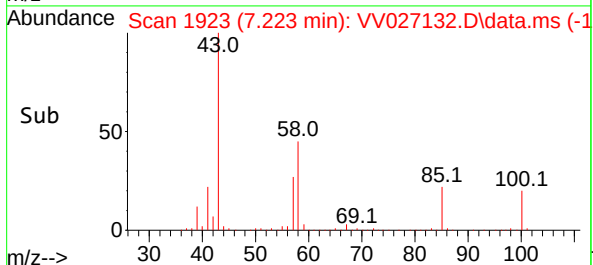
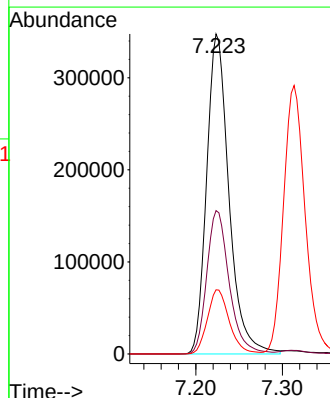
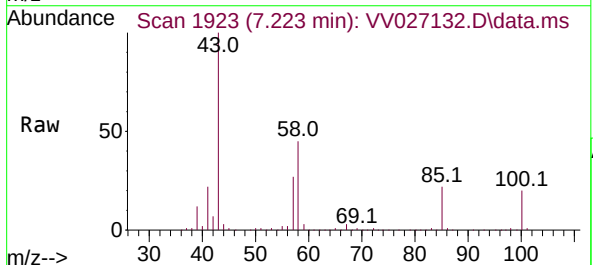
Tgt Ion: 43 Resp: 622039

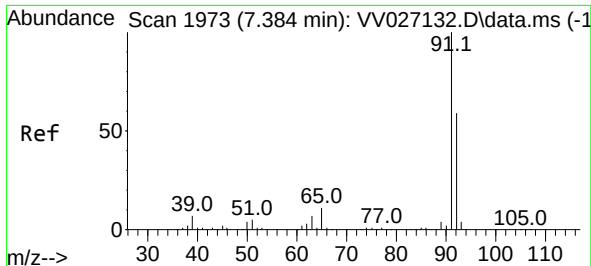
Ion Ratio Lower Upper

43 100

58 45.1 36.1 54.1

100 19.7 15.8 23.6





#42

Toluene

Concen: 54.255 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV027132.D

Acq: 01 Aug 2022 16:41

Instrument :

MSVOA_V

ClientSampleId :

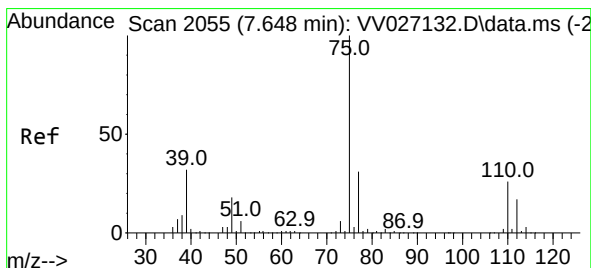
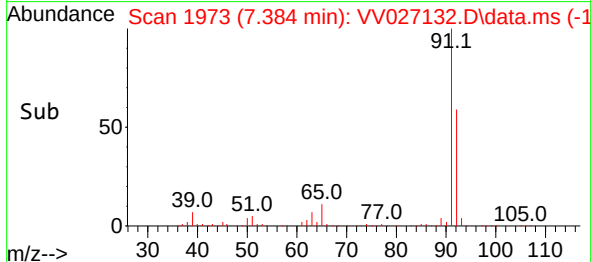
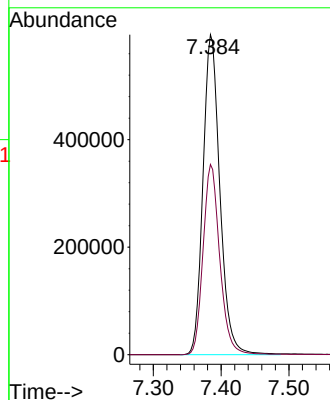
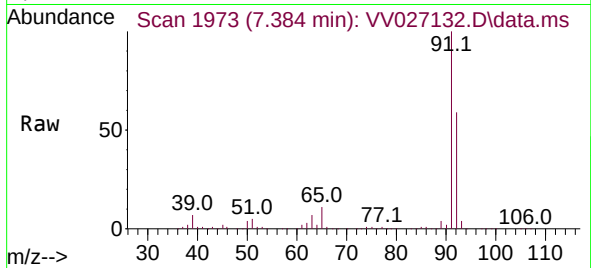
VSTD050248

Tgt Ion: 91 Resp: 1031139

Ion Ratio Lower Upper

91 100

92 59.5 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 52.470 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV027132.D

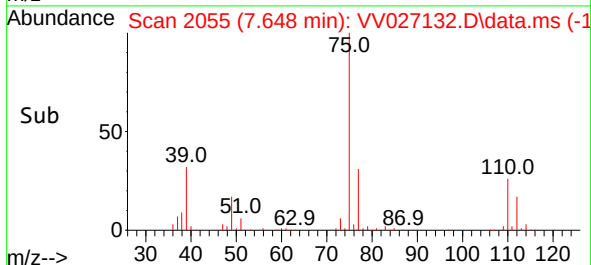
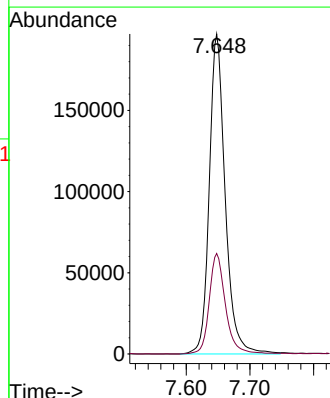
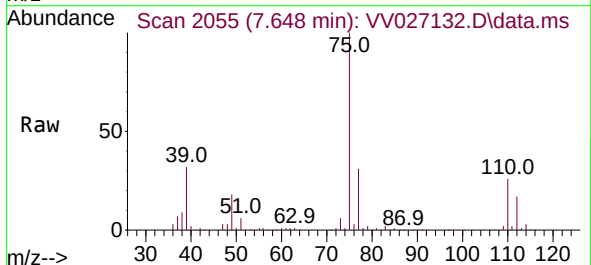
Acq: 01 Aug 2022 16:41

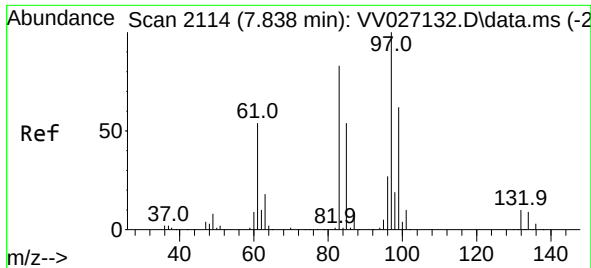
Tgt Ion: 75 Resp: 342051

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8



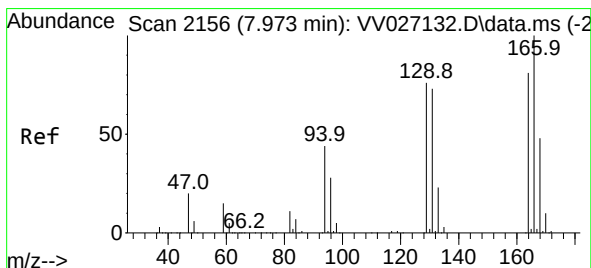
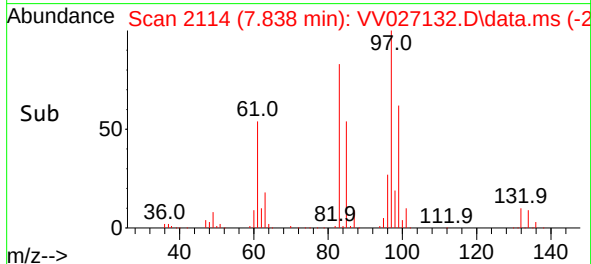
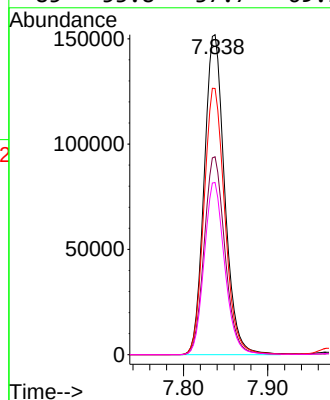
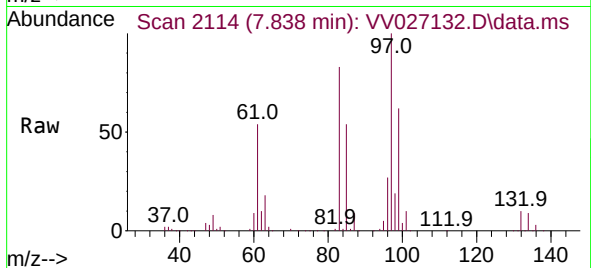


#45
1,1,2-Trichloroethane
Concen: 50.669 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV027132.D
Acq: 01 Aug 2022 16:41

Instrument :
MSVOA_V
ClientSampleId :
VSTD050248

Tgt Ion: 97 Resp: 257612

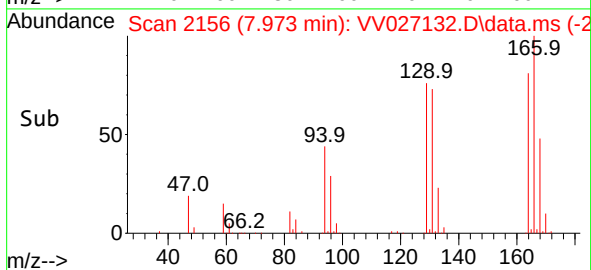
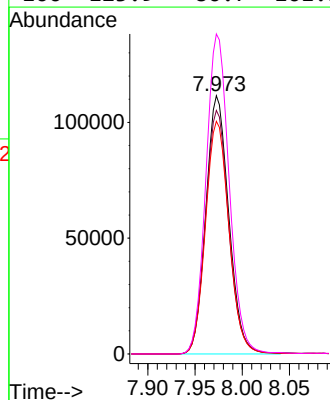
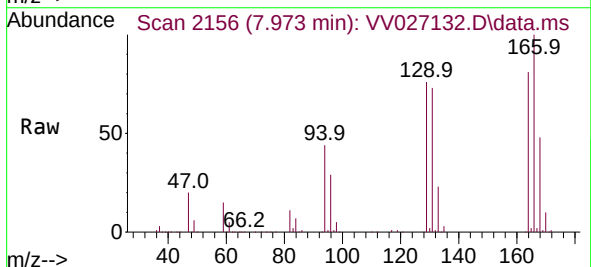
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.3	80.5
83	83.2	58.2	108.2
85	53.8	37.7	69.9

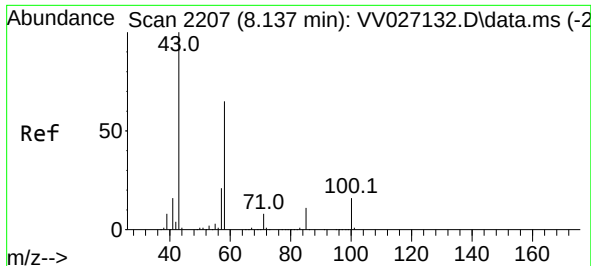


#46
Tetrachloroethene
Concen: 52.108 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV027132.D
Acq: 01 Aug 2022 16:41

Tgt Ion: 164 Resp: 188486

Ion	Ratio	Lower	Upper
164	100		
129	94.3	66.0	122.6
131	90.1	63.1	117.1
166	123.9	86.7	161.1



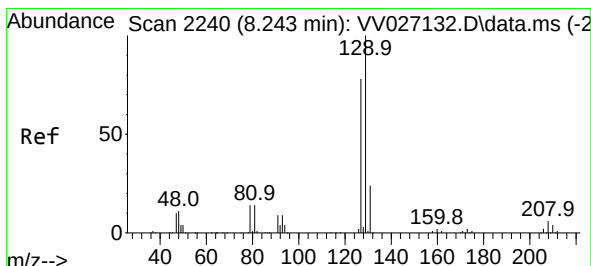
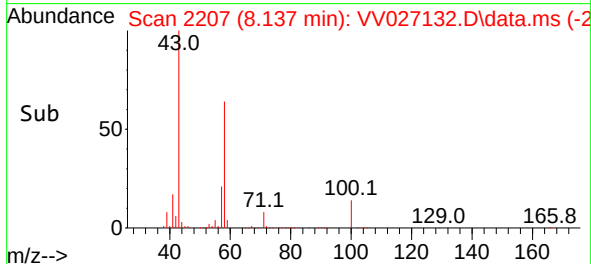
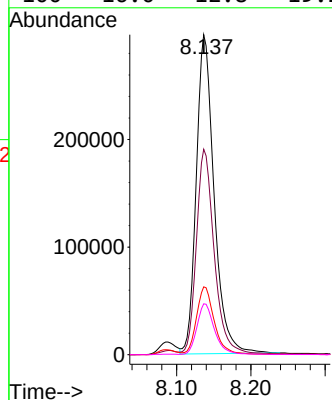
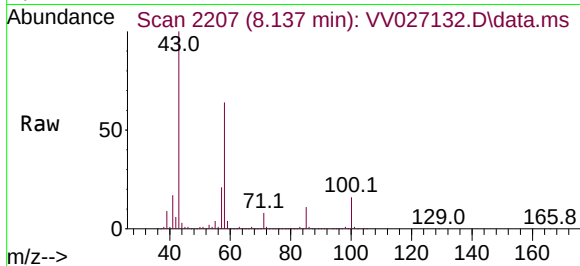


#48
2-Hexanone
Concen: 111.606 ug/L
RT: 8.137 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VV027132.D
Acq: 01 Aug 2022 16:41

Instrument :
MSVOA_V
ClientSampleId :
VSTD050248

Tgt Ion: 43 Resp: 496010

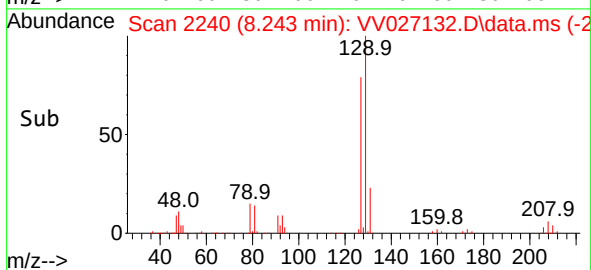
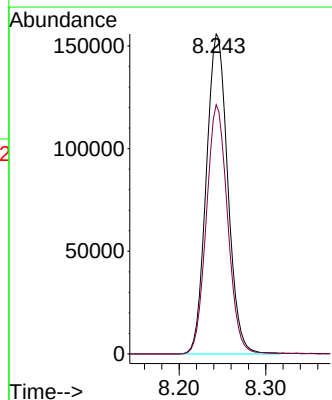
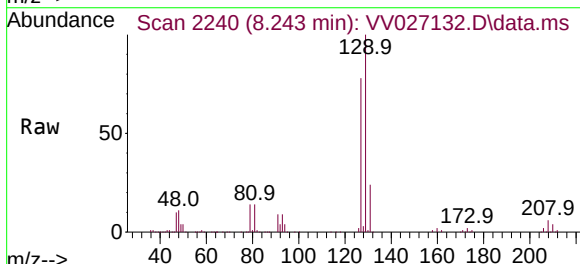
Ion	Ratio	Lower	Upper
43	100		
58	64.1	51.3	76.9
57	20.9	16.7	25.1
100	16.0	12.8	19.2

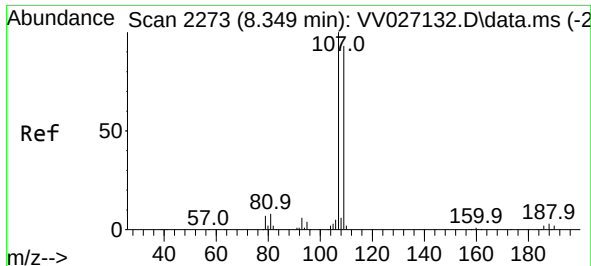


#49
Dibromochloromethane
Concen: 50.901 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV027132.D
Acq: 01 Aug 2022 16:41

Tgt Ion: 129 Resp: 268644

Ion	Ratio	Lower	Upper
129	100		
127	77.9	54.5	101.3





#50

1,2-Dibromoethane

Concen: 50.700 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV027132.D

Acq: 01 Aug 2022 16:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD050248

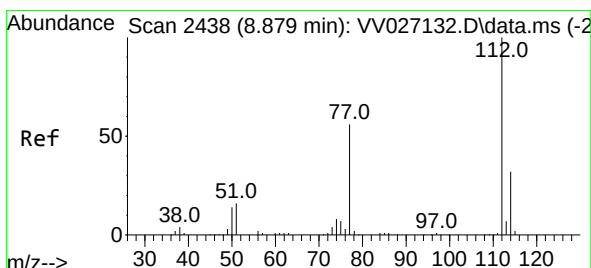
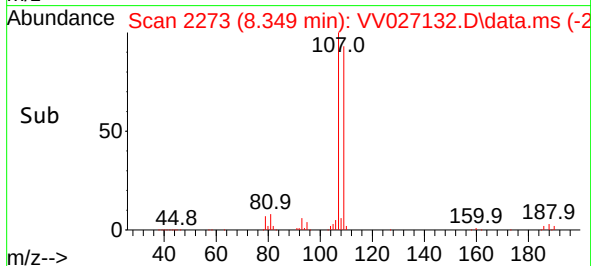
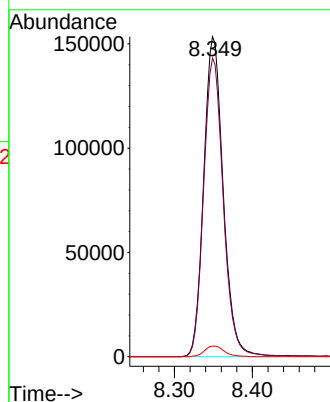
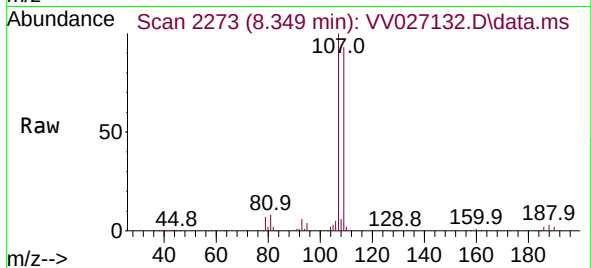
Tgt Ion:107 Resp: 266867

Ion Ratio Lower Upper

107 100

109 93.3 65.3 121.3

188 3.3 2.6 4.0



#51

Chlorobenzene

Concen: 50.075 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV027132.D

Acq: 01 Aug 2022 16:41

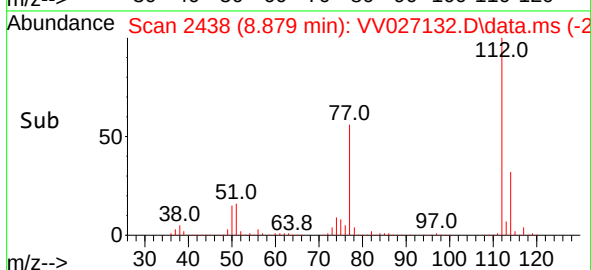
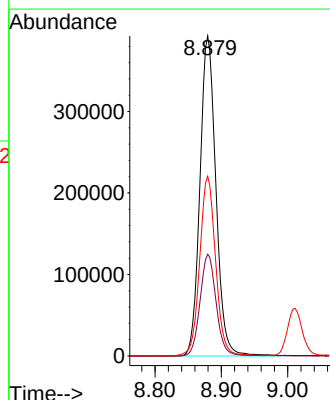
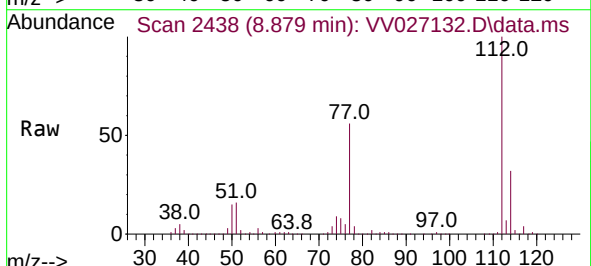
Tgt Ion:112 Resp: 658605

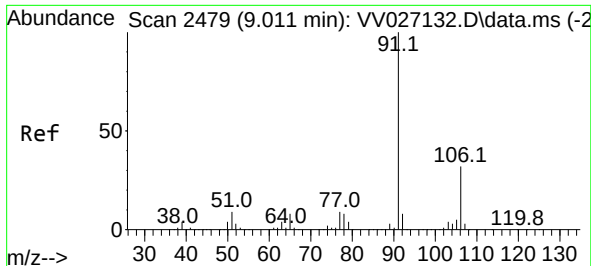
Ion Ratio Lower Upper

112 100

114 31.8 22.3 41.3

77 56.1 44.9 67.3

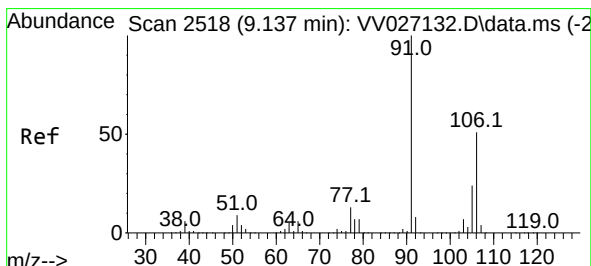
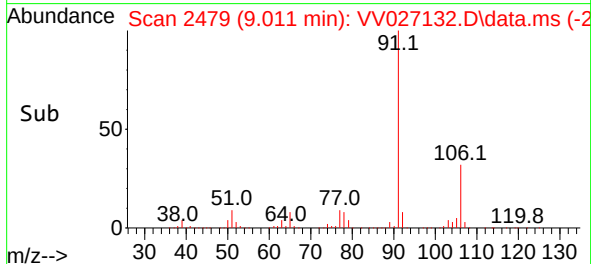
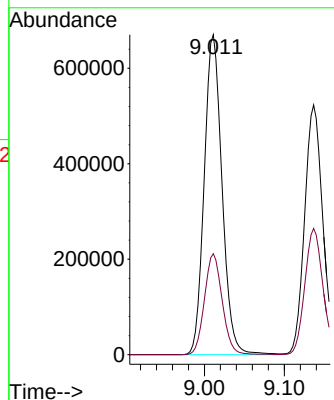
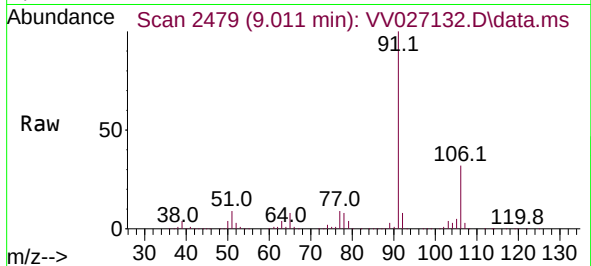




#52
Ethylbenzene
Concen: 53.469 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV027132.D
Acq: 01 Aug 2022 16:41

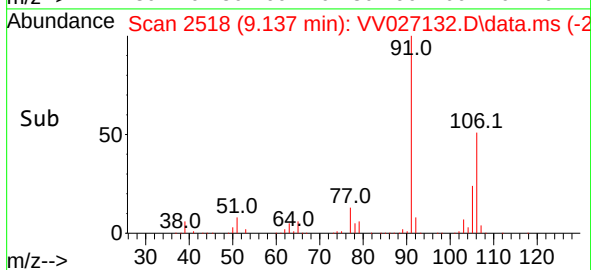
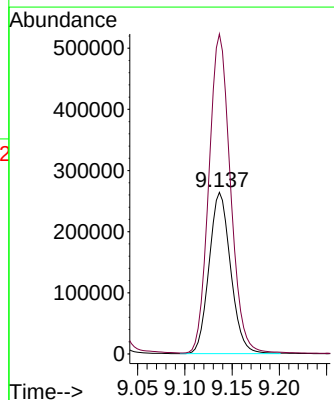
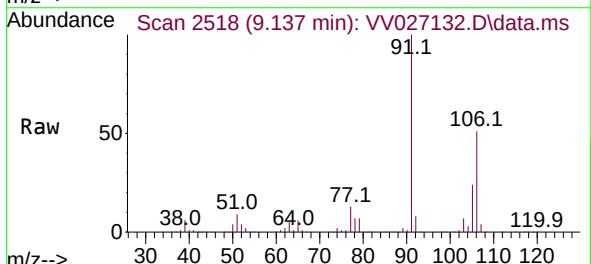
Instrument :
MSVOA_V
ClientSampleId :
VSTD050248

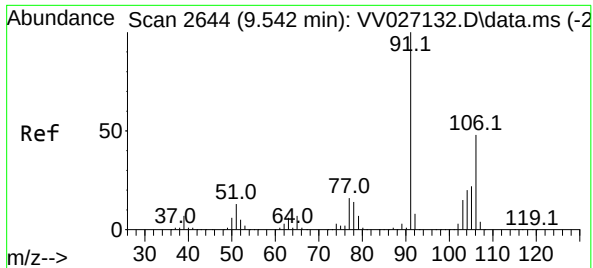
Tgt Ion: 91 Resp: 1041446
Ion Ratio Lower Upper
91 100
106 31.6 22.1 41.1



#53
m,p-Xylene
Concen: 54.692 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV027132.D
Acq: 01 Aug 2022 16:41

Tgt Ion: 106 Resp: 417881
Ion Ratio Lower Upper
106 100
91 197.9 138.5 257.3

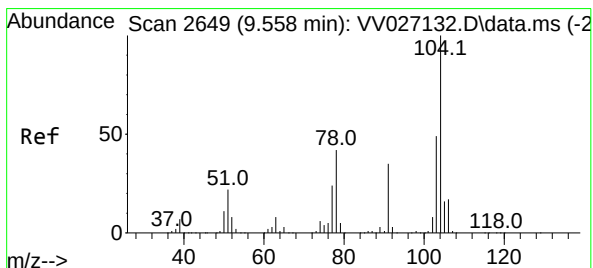
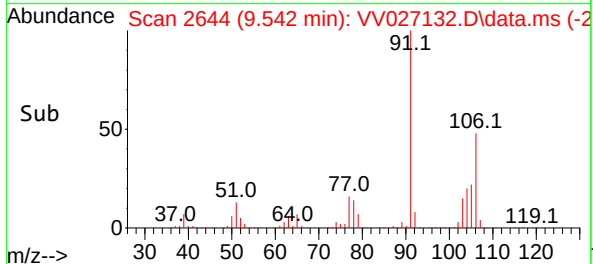
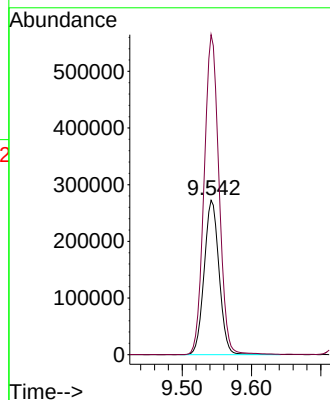
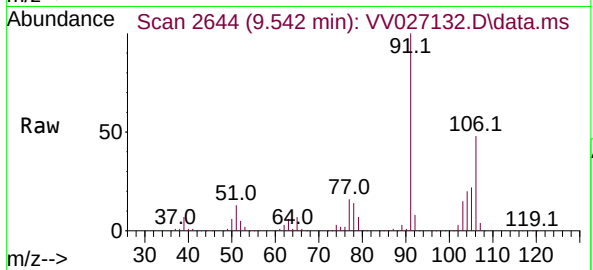




#54
o-Xylene
Concen: 54.367 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027132.D
Acq: 01 Aug 2022 16:41

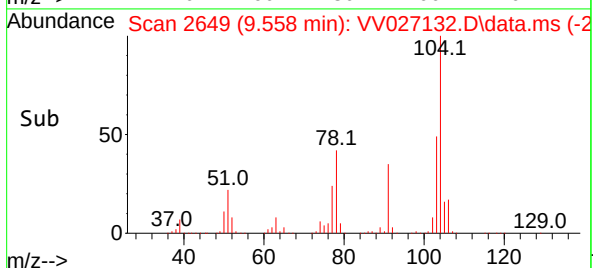
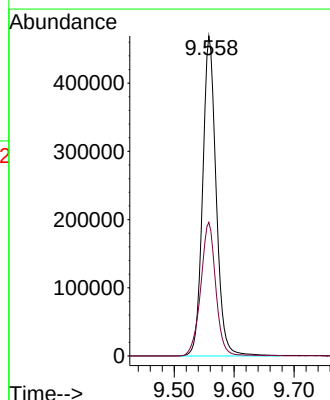
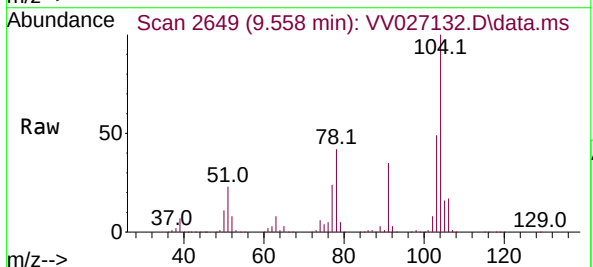
Instrument :
MSVOA_V
ClientSampleId :
VSTD050248

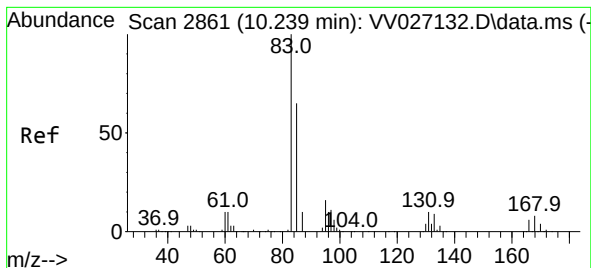
Tgt Ion:106 Resp: 406631
Ion Ratio Lower Upper
106 100
91 207.3 145.1 269.5



#55
Styrene
Concen: 56.811 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV027132.D
Acq: 01 Aug 2022 16:41

Tgt Ion:104 Resp: 738490
Ion Ratio Lower Upper
104 100
78 41.7 29.2 54.2

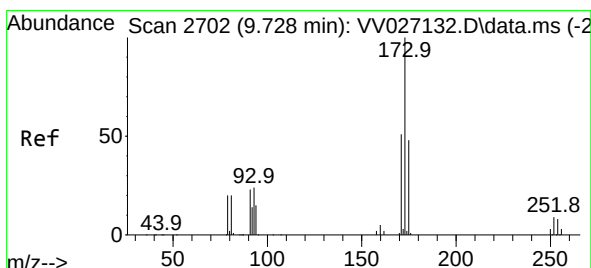
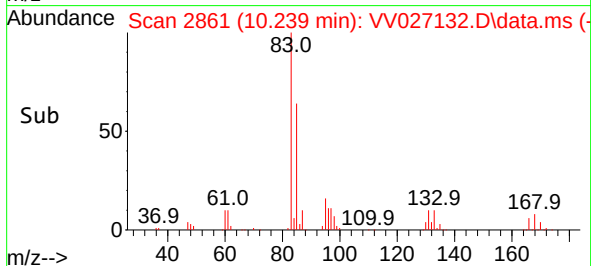
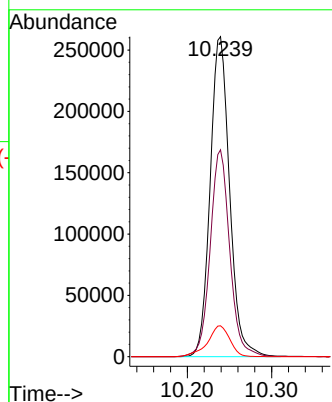
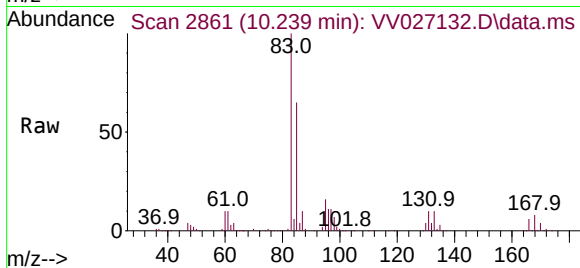




#57
 1,1,2,2-Tetrachloroethane
 Concen: 50.804 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV027132.D
 Acq: 01 Aug 2022 16:41

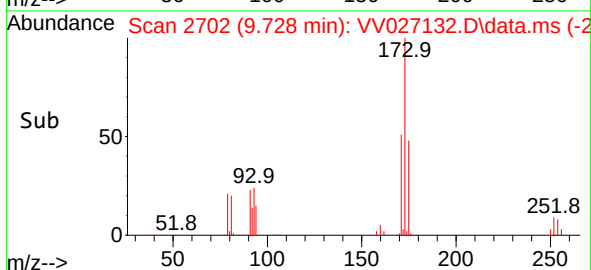
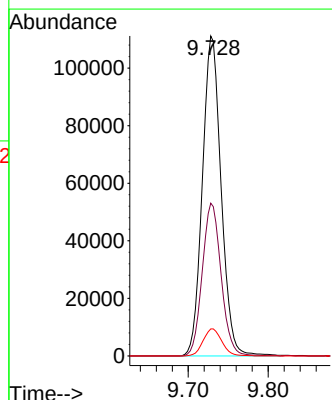
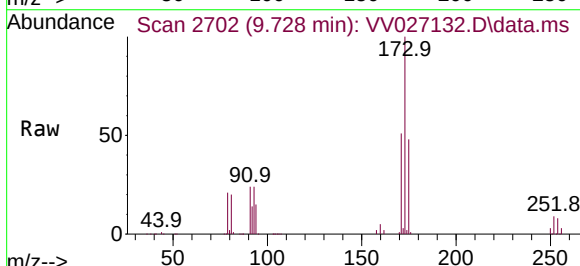
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050248

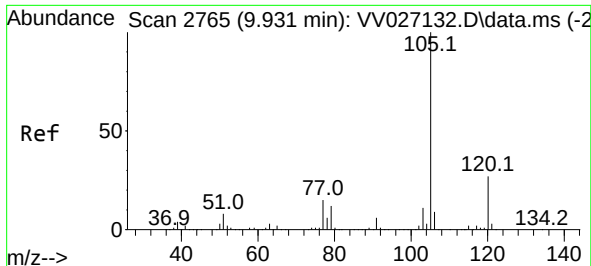
Tgt Ion: 83 Resp: 418839
 Ion Ratio Lower Upper
 83 100
 85 64.6 45.2 84.0
 131 9.7 7.8 11.6



#59
 Bromoform
 Concen: 48.604 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. 0.000 min
 Lab File: VV027132.D
 Acq: 01 Aug 2022 16:41

Tgt Ion: 173 Resp: 181828
 Ion Ratio Lower Upper
 173 100
 175 47.8 38.2 57.4
 254 8.5 6.8 10.2

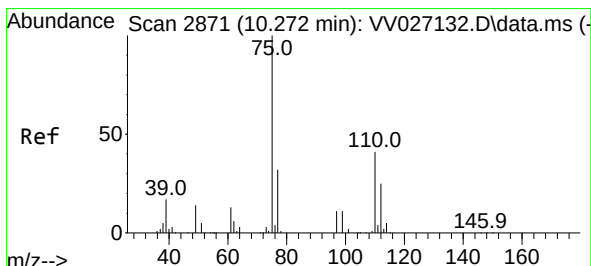
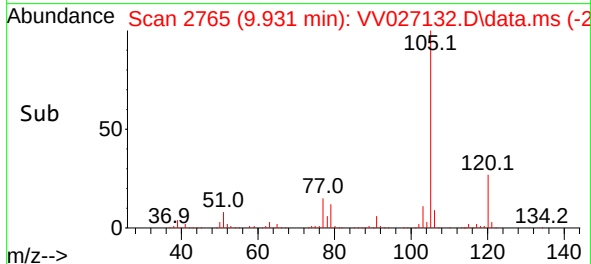
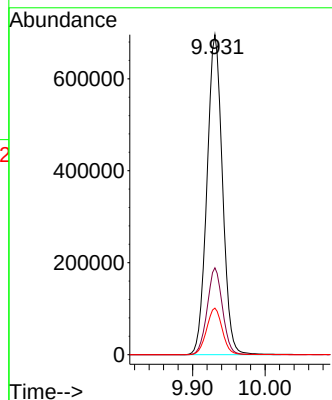
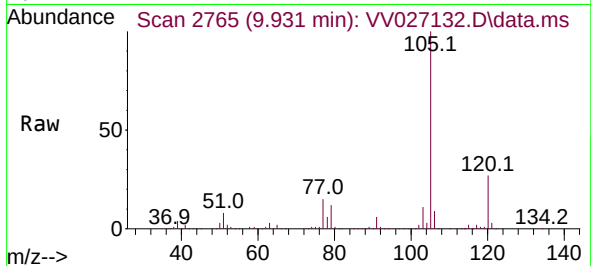




#60
Isopropylbenzene
Concen: 51.973 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV027132.D
Acq: 01 Aug 2022 16:41

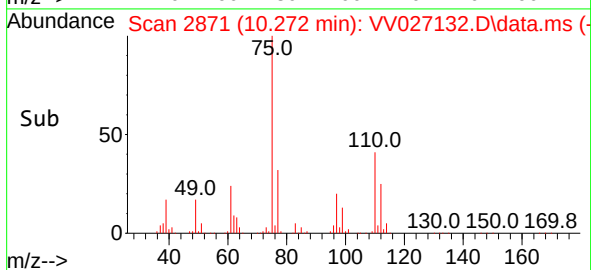
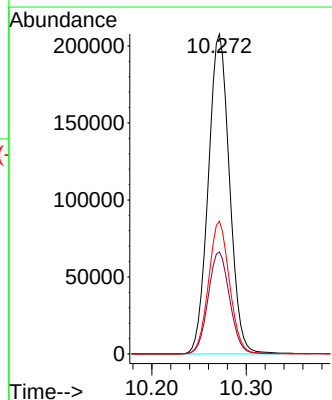
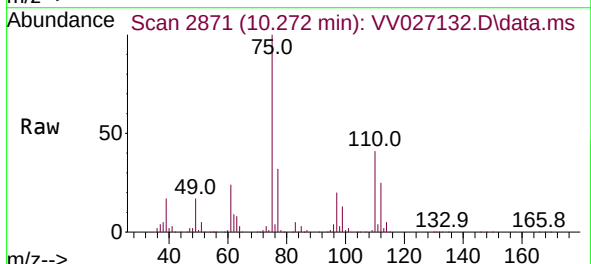
Instrument :
MSVOA_V
ClientSampleId :
VSTD050248

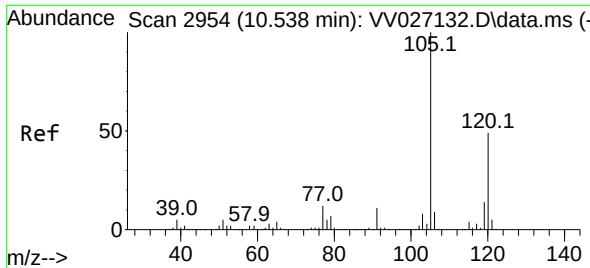
Tgt Ion:105 Resp: 1033378
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.2
77 14.6 11.7 17.5



#61
1,2,3-Trichloropropane
Concen: 48.154 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027132.D
Acq: 01 Aug 2022 16:41

Tgt Ion: 75 Resp: 323962
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
110 41.0 32.8 49.2

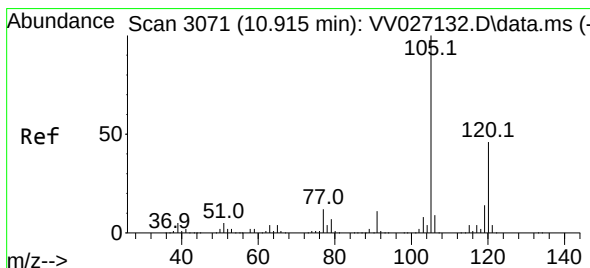
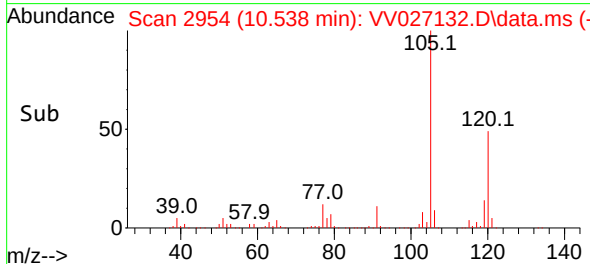
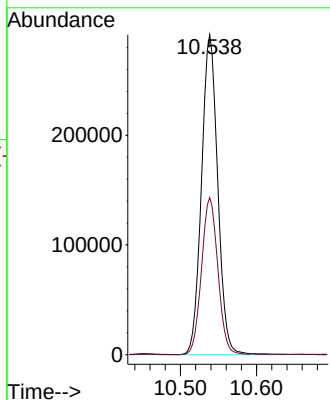
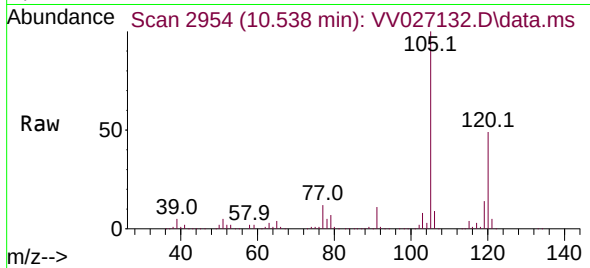




#62
 1,3,5-Trimethylbenzene
 Concen: 50.156 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV027132.D
 Acq: 01 Aug 2022 16:41

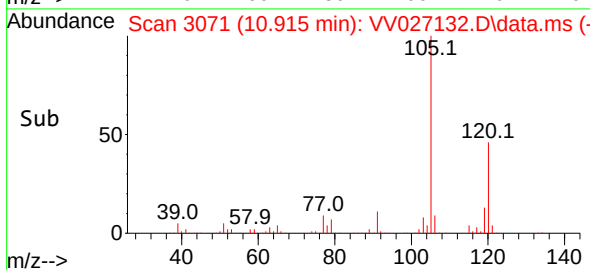
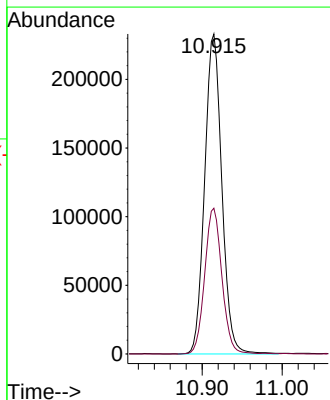
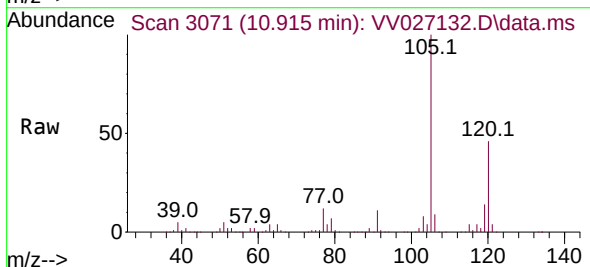
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050248

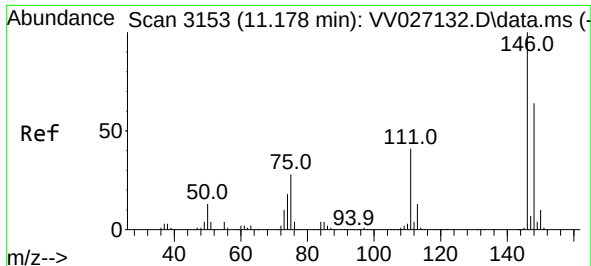
Tgt Ion:105 Resp: 431943
 Ion Ratio Lower Upper
 105 100
 120 49.5 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 50.069 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV027132.D
 Acq: 01 Aug 2022 16:41

Tgt Ion:105 Resp: 348390
 Ion Ratio Lower Upper
 105 100
 120 45.6 36.5 54.7

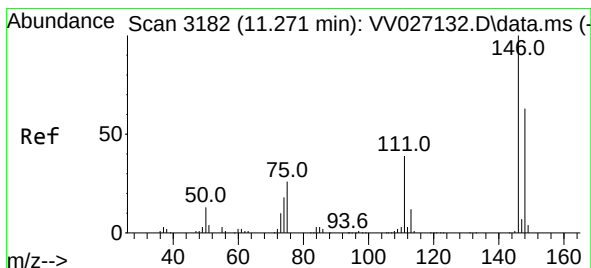
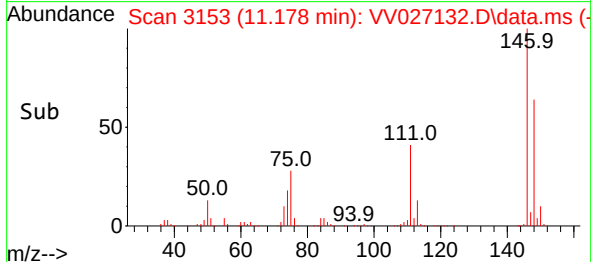
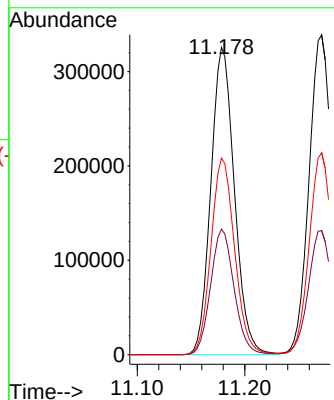
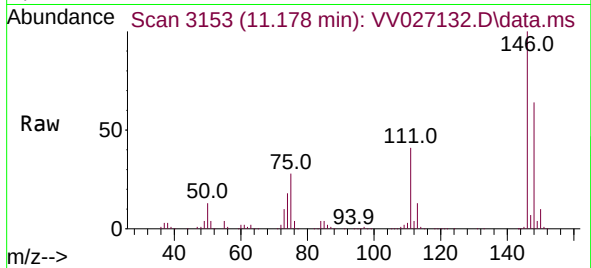




#64
1,3-Dichlorobenzene
Concen: 50.741 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV027132.D
Acq: 01 Aug 2022 16:41

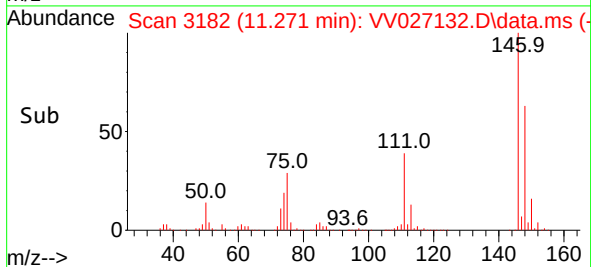
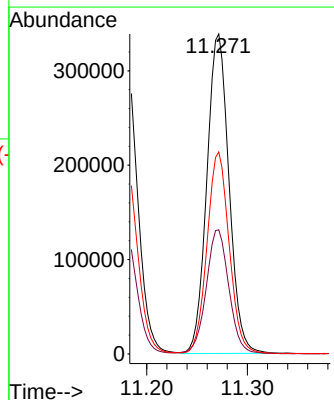
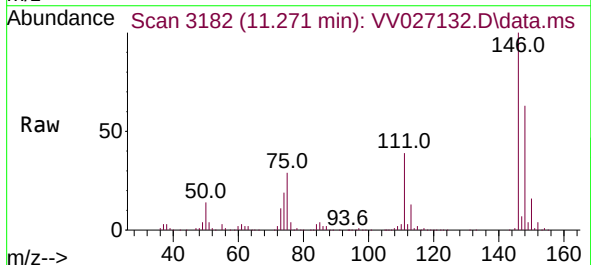
Instrument :
MSVOA_V
ClientSampleId :
VSTD050248

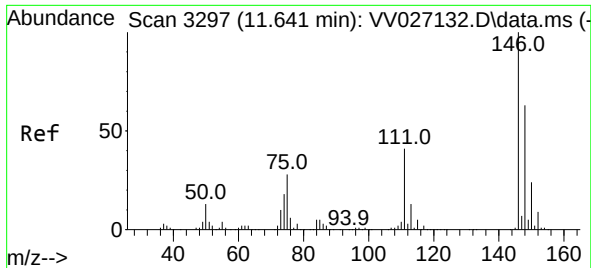
Tgt Ion:146 Resp: 497213
Ion Ratio Lower Upper
146 100
111 40.9 28.6 53.2
148 64.0 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 50.028 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027132.D
Acq: 01 Aug 2022 16:41

Tgt Ion:146 Resp: 517154
Ion Ratio Lower Upper
146 100
111 38.8 27.2 50.4
148 63.2 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 50.543 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV027132.D

Acq: 01 Aug 2022 16:41

Instrument :

MSVOA_V

ClientSampleId :

VSTD050248

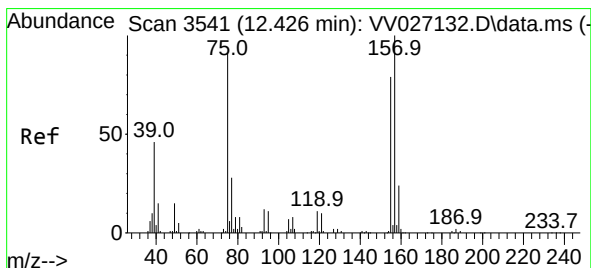
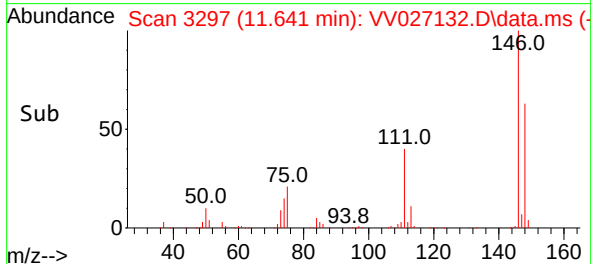
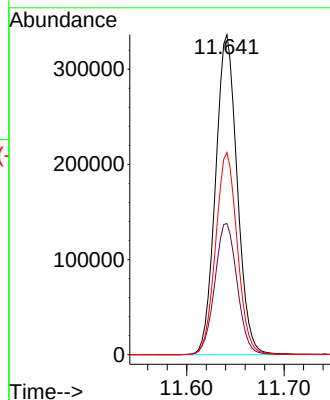
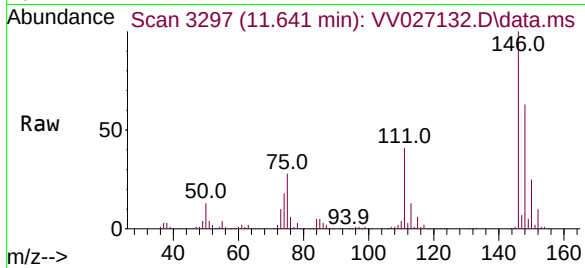
Tgt Ion:146 Resp: 520101

Ion Ratio Lower Upper

146 100

111 41.0 32.8 49.2

148 63.1 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 49.000 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV027132.D

Acq: 01 Aug 2022 16:41

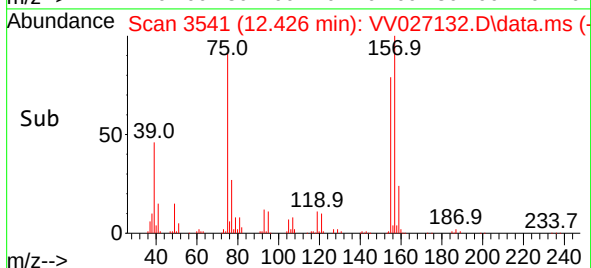
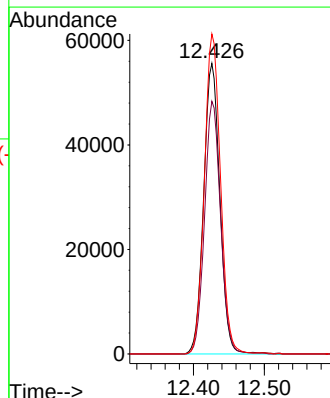
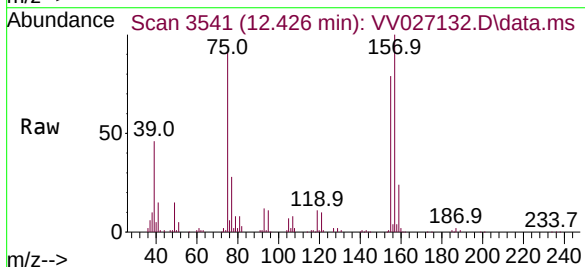
Tgt Ion: 75 Resp: 88195

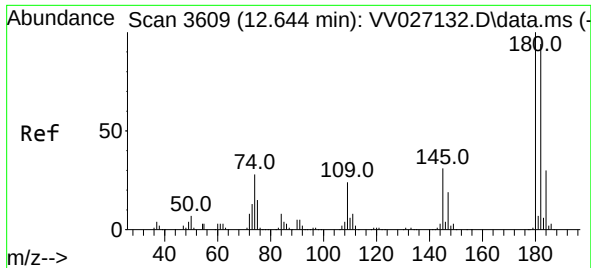
Ion Ratio Lower Upper

75 100

155 87.0 69.6 104.4

157 110.1 88.1 132.1

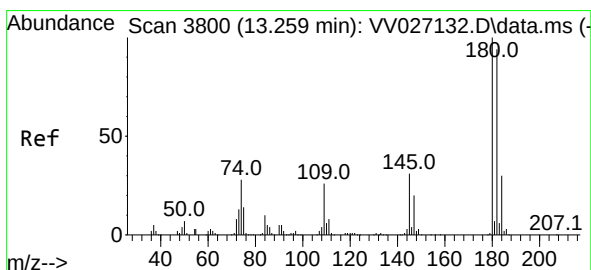
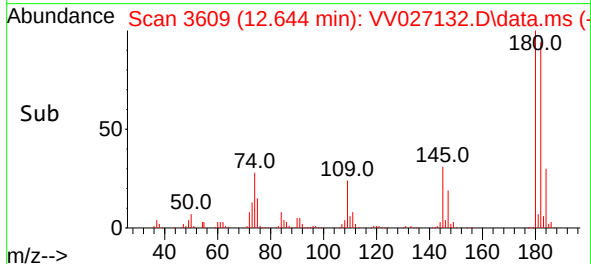
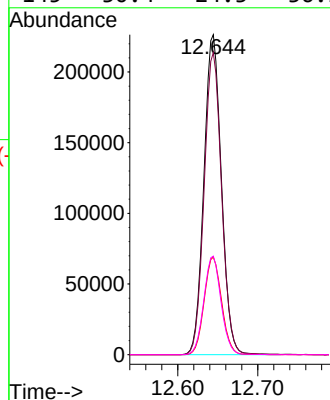
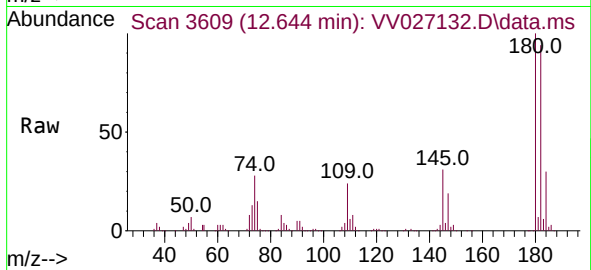




#69
 1,3,5-Trichlorobenzene
 Concen: 49.626 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV027132.D
 Acq: 01 Aug 2022 16:41

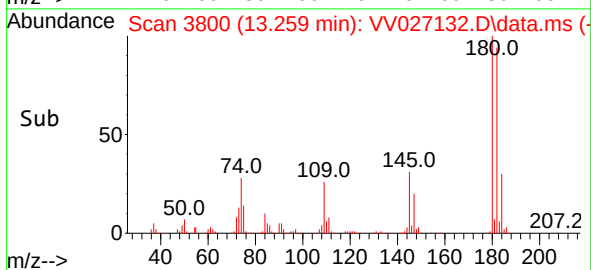
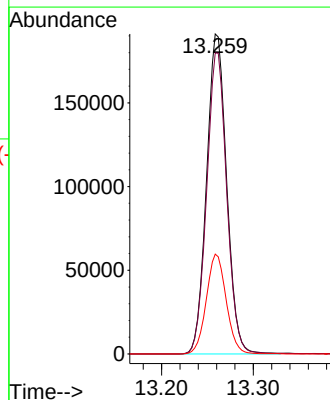
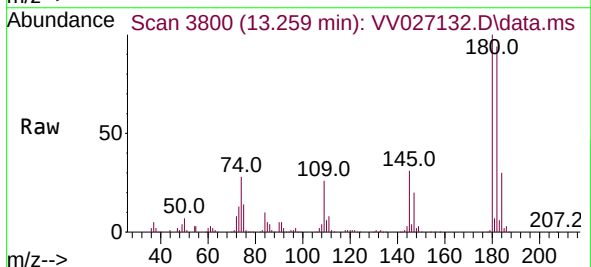
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050248

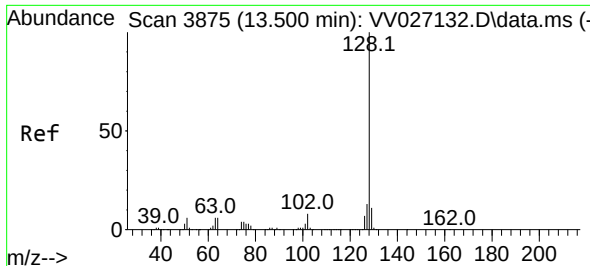
Tgt Ion:180	Resp:	345007
Ion Ratio	Lower	Upper
180	100	
182	94.1	75.3 112.9
184	30.4	24.3 36.5
145	30.4	24.3 36.5



#70
 1,2,4-trichlorobenzene
 Concen: 49.891 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV027132.D
 Acq: 01 Aug 2022 16:41

Tgt Ion:180	Resp:	291231
Ion Ratio	Lower	Upper
180	100	
182	94.0	75.2 112.8
145	30.9	24.7 37.1

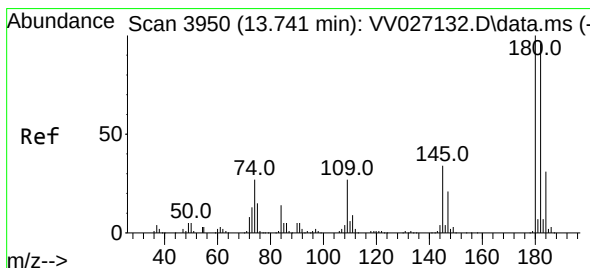
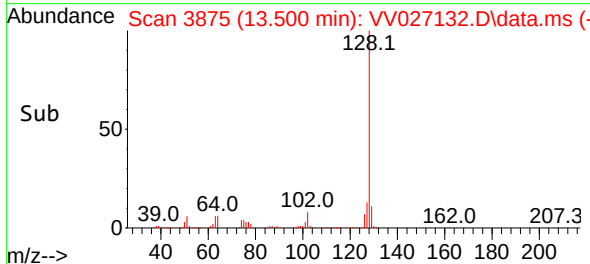
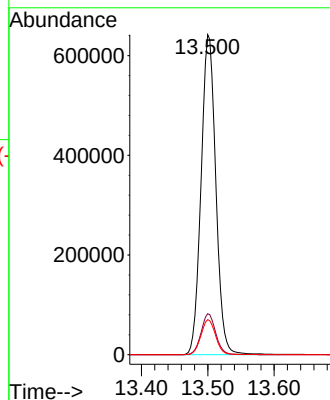
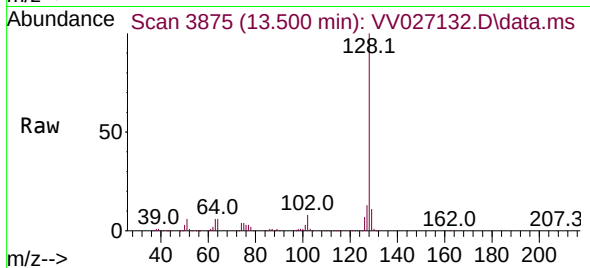




#71
Naphthalene
Concen: 51.623 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV027132.D
Acq: 01 Aug 2022 16:41

Instrument :
MSVOA_V
ClientSampleId :
VSTD050248

Tgt Ion:128 Resp: 989877
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 51.852 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV027132.D
Acq: 01 Aug 2022 16:41

Tgt Ion:180 Resp: 330994
Ion Ratio Lower Upper
180 100
182 95.4 76.3 114.5
145 33.5 26.8 40.2

