

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102022\
 Data File : VW028628.D
 Acq On : 20 Oct 2022 11:14
 Operator : SY/MD
 Sample : VSTD0.564
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5264

Quant Time: Oct 20 23:11:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 20 23:10:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.600	114	232153	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	152812	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	69340	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	10158	0.483	ug/L	0.00
7) Chloroethane-d5	1.558	69	8680	0.510	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.098	63	18504	0.489	ug/L	0.00
20) 2-Butanone-d5	3.703	46	615	0.144	ug/L	-0.25
24) Chloroform-d	4.330	84	15877	0.500	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.021	65	8432	0.518	ug/L	0.00
32) Benzene-d6	5.027	84	31724	0.602	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.056	67	10873	0.613	ug/L	0.00
41) Toluene-d8	7.301	98	24578	0.603	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.420	79	165	0.032	ug/L	-0.19
46) 2-Hexanone-d5	8.108	63	7952	3.551	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.210	84	4316	0.453	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.619	152	5729	0.490	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	6700	0.514	ug/L	92
3) Chloromethane	1.230	50	13934	0.628	ug/L	92
5) Vinyl chloride	1.301	62	12208	0.557	ug/L	95
6) Bromomethane	1.513	94	6738	0.676	ug/L	93
8) Chloroethane	1.574	64	9167	0.640	ug/L	90
9) Trichlorofluoromethane	1.741	101	14951	0.559	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	8572	0.537	ug/L	95
12) 1,1-Dichloroethene	2.105	96	8317	0.564	ug/L	82
13) Acetone	2.262	43	8903	2.943	ug/L	97
14) Carbon disulfide	2.278	76	20880	0.521	ug/L	96
15) Methyl Acetate	2.455	43	4199	0.594	ug/L #	86
16) Methylene chloride	2.494	84	16492	0.799	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	23248	0.615	ug/L	97
18) trans-1,2-Dichloroethene	2.741	96	10293	0.670	ug/L	89
19) 1,1-Dichloroethane	3.172	63	22600	0.646	ug/L	98
21) 2-Butanone	4.040	43	27885	6.295	ug/L #	71
22) cis-1,2-Dichloroethene	3.889	96	10907	0.625	ug/L #	98
23) Bromochloromethane	4.233	128	4239	0.638	ug/L	81
25) Chloroform	4.359	83	21228	0.640	ug/L	96
27) 1,2-Dichloroethane	5.117	62	11952	0.607	ug/L	97
29) 1,1,1-Trichloroethane	4.584	97	15780	0.719	ug/L	97
30) Cyclohexane	4.645	56	15256	0.603	ug/L	92
31) Carbon tetrachloride	4.799	117	10688	0.630	ug/L	85
33) Benzene	5.076	78	43114	0.752	ug/L	100
34) Trichloroethene	5.892	95	10336	0.728	ug/L	97
35) Methylcyclohexane	6.104	83	13951	0.591	ug/L	95
37) 1,2-Dichloropropane	6.162	63	12150	0.793	ug/L #	92
38) Bromodichloromethane	6.497	83	11721	0.710	ug/L	99
39) cis-1,3-Dichloropropene	7.018	75	12780	0.679	ug/L	100
40) 4-Methyl-2-pentanone	7.246	43	59182	7.593	ug/L	97
42) Toluene	7.375	91	36232	0.696	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	8341	0.607	ug/L	89

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

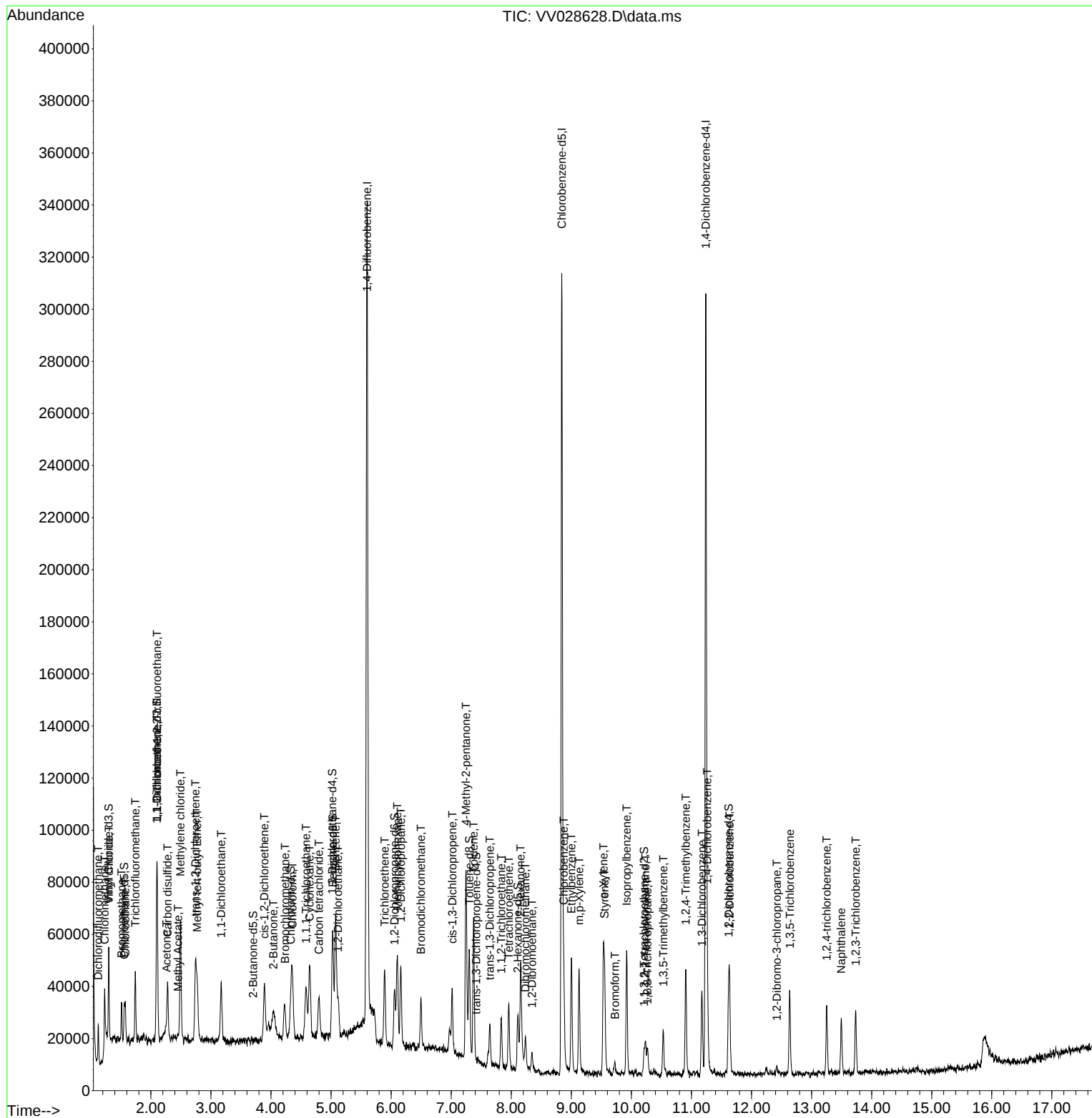
45) 1,1,2-Trichloroethane	7.834	97	5493	0.702	ug/L	98
47) Tetrachloroethene	7.960	164	5081	0.594	ug/L	93
48) 2-Hexanone	8.156	43	30405	5.774	ug/L	97
49) Dibromochloromethane	8.236	129	4532	0.554	ug/L	98
50) 1,2-Dibromoethane	8.346	107	4614	0.670	ug/L #	99
51) Chlorobenzene	8.873	112	18993	0.590	ug/L	100
52) Ethylbenzene	9.001	91	30693	0.536	ug/L	98
53) m,p-Xylene	9.130	106	10999	0.511	ug/L	99
54) o-Xylene	9.535	106	11182	0.540	ug/L	84
55) Styrene	9.555	104	18315	0.518	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	5776	0.594	ug/L #	97
59) Bromoform	9.728	173	1691	0.487	ug/L #	96
60) Isopropylbenzene	9.921	105	28569	0.553	ug/L	98
61) 1,2,3-Trichloropropane	10.268	75	4309	0.674	ug/L	94
62) 1,3,5-Trimethylbenzene	10.532	105	8477	0.551	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	21920	0.520	ug/L	99
64) 1,3-Dichlorobenzene	11.175	146	12231	0.562	ug/L	95
65) 1,4-Dichlorobenzene	11.265	146	12706	0.593	ug/L	96
67) 1,2-Dichlorobenzene	11.635	146	11760	0.600	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.423	75	964	0.764	ug/L #	76
69) 1,3,5-Trichlorobenzene	12.638	180	8493	0.540	ug/L	98
70) 1,2,4-trichlorobenzene	13.252	180	6770	0.563	ug/L	97
71) Naphthalene	13.493	128	14869	0.831	ug/L	98
72) 1,2,3-Trichlorobenzene	13.734	180	5989	0.597	ug/L	96

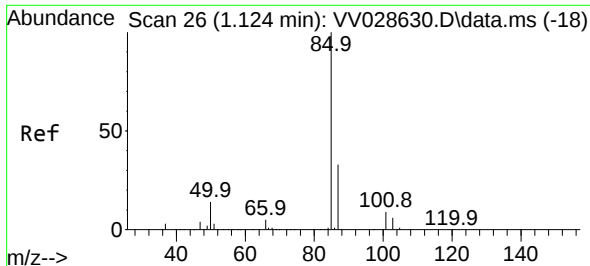
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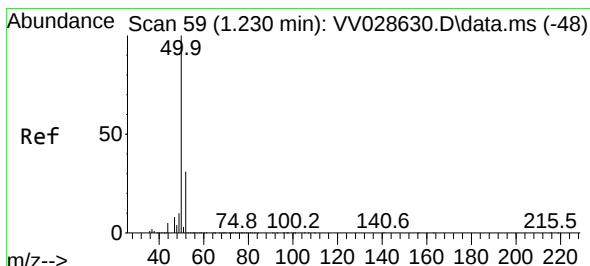
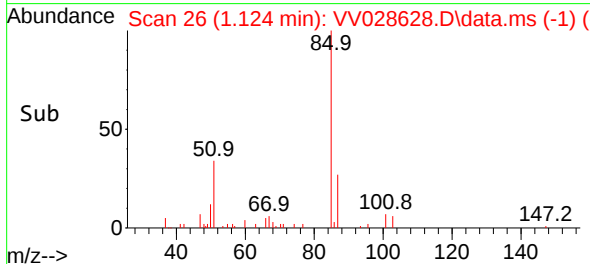
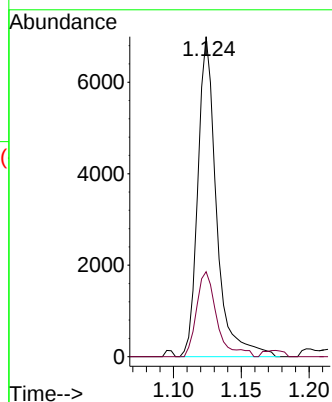
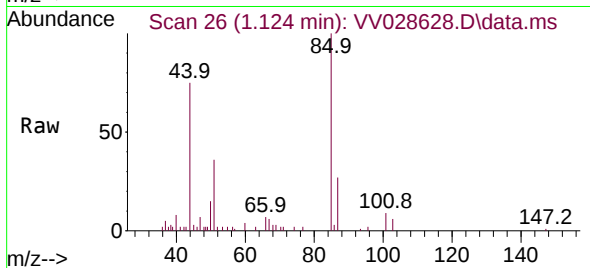




#2
 Dichlorodifluoromethane
 Concen: 0.514 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV028628.D
 Acq: 20 Oct 2022 11:14

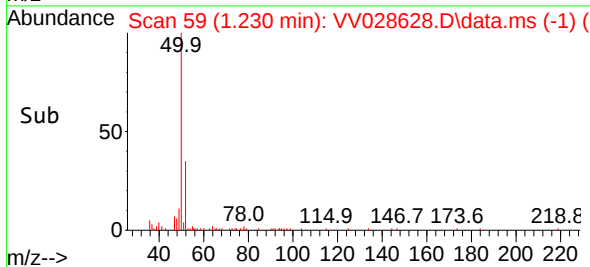
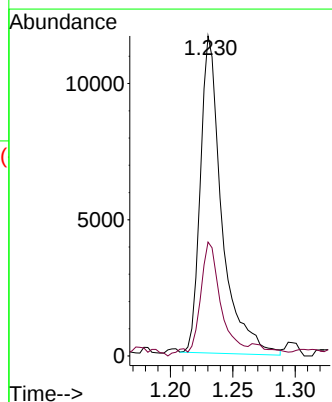
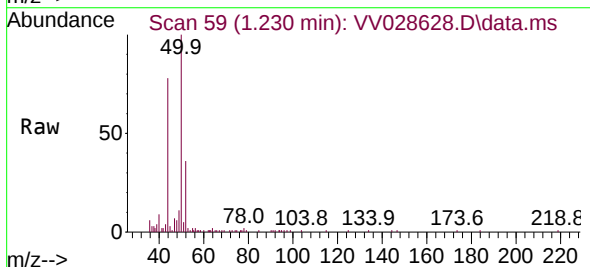
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 ClientSampleId :
 VSTD0.5264

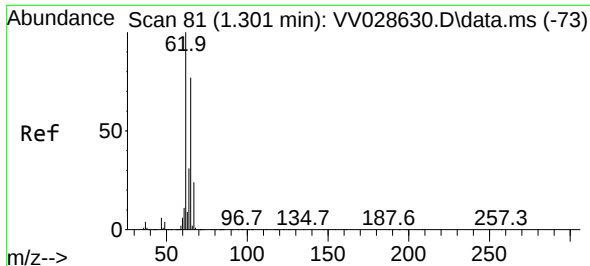
Tgt Ion: 85 Resp: 6700
 Ion Ratio Lower Upper
 85 100
 87 28.7 26.6 40.0



#3
 Chloromethane
 Concen: 0.628 ug/L
 RT: 1.230 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VV028628.D
 Acq: 20 Oct 2022 11:14

Tgt Ion: 50 Resp: 13934
 Ion Ratio Lower Upper
 50 100
 52 35.6 21.8 40.6

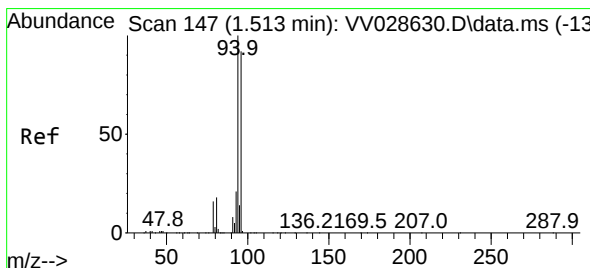
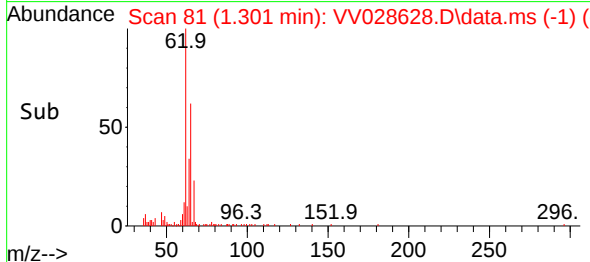
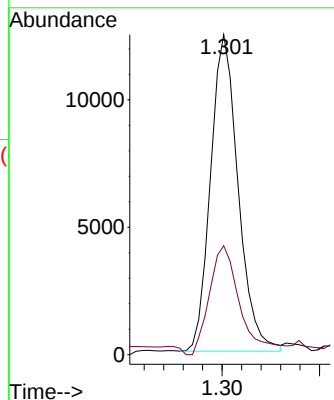
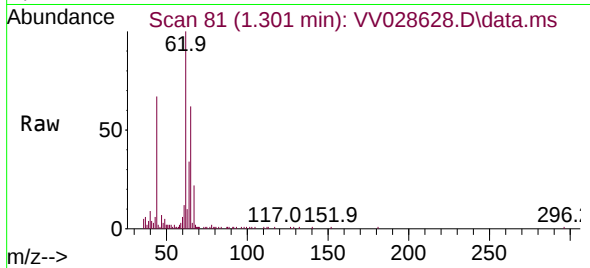




#5
 Vinyl chloride
 Concen: 0.557 ug/L
 RT: 1.301 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028628.D
 Acq: 20 Oct 2022 11:14

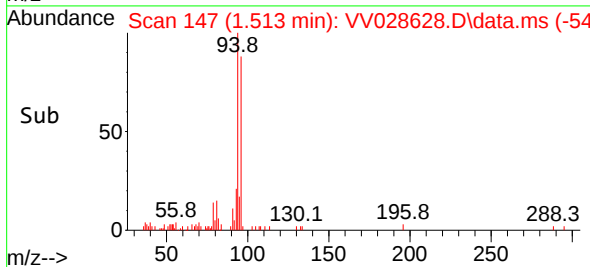
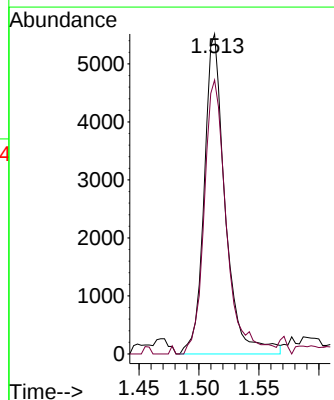
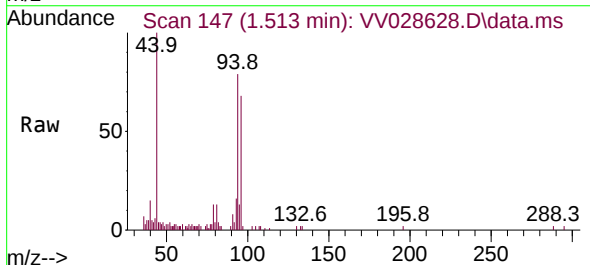
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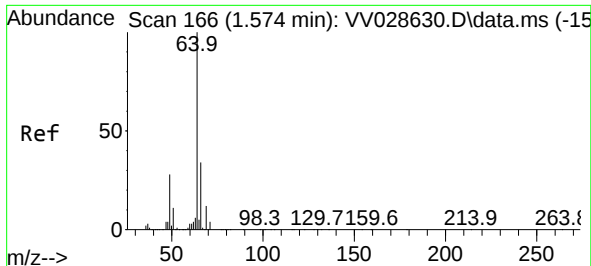
Tgt Ion: 62 Resp: 12208
 Ion Ratio Lower Upper
 62 100
 64 34.1 22.0 41.0



#6
 Bromomethane
 Concen: 0.676 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VV028628.D
 Acq: 20 Oct 2022 11:14

Tgt Ion: 94 Resp: 6738
 Ion Ratio Lower Upper
 94 100
 96 85.6 64.3 119.3

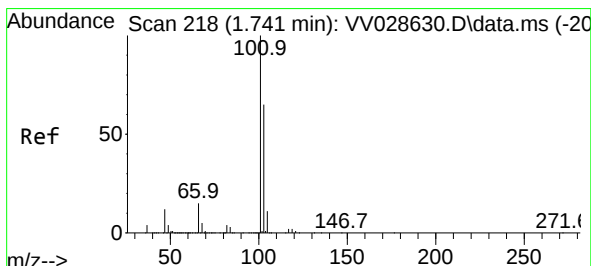
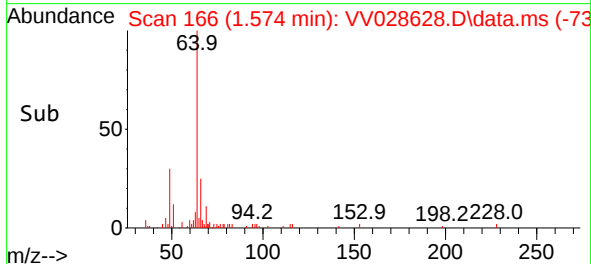
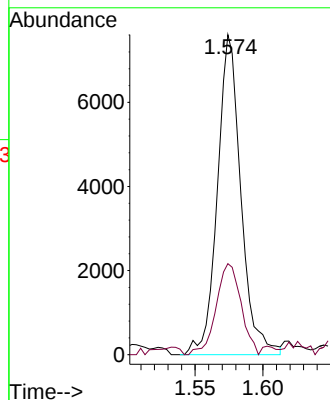
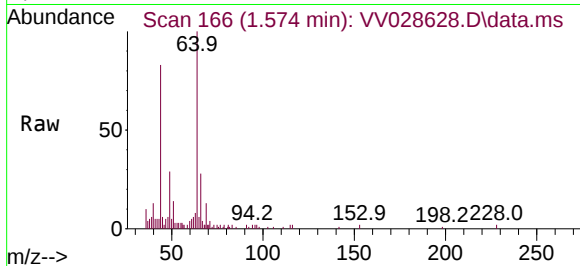




#8
Chloroethane
Concen: 0.640 ug/L
RT: 1.574 min Scan# 166
Delta R.T. 0.000 min
Lab File: VV028628.D
Acq: 20 Oct 2022 11:14

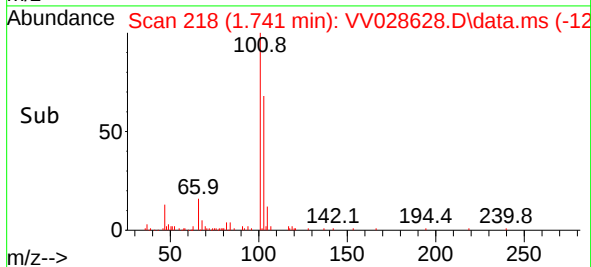
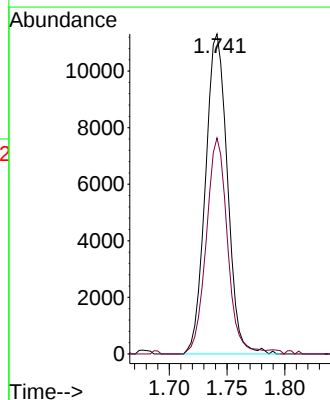
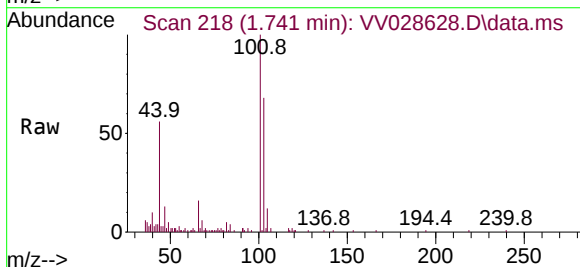
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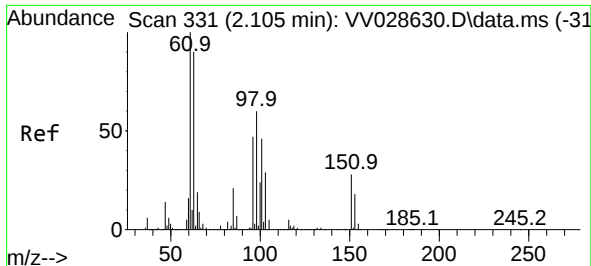
Tgt Ion: 64 Resp: 9167
Ion Ratio Lower Upper
64 100
66 28.4 23.9 44.5



#9
Trichlorofluoromethane
Concen: 0.559 ug/L
RT: 1.741 min Scan# 218
Delta R.T. 0.000 min
Lab File: VV028628.D
Acq: 20 Oct 2022 11:14

Tgt Ion: 101 Resp: 14951
Ion Ratio Lower Upper
101 100
103 65.2 51.0 76.6

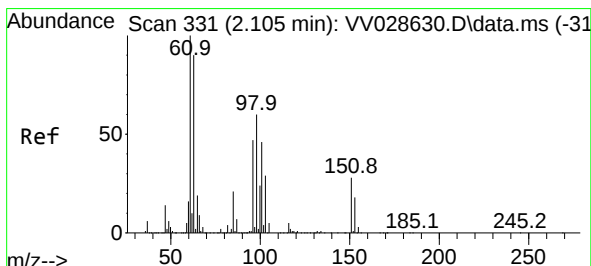
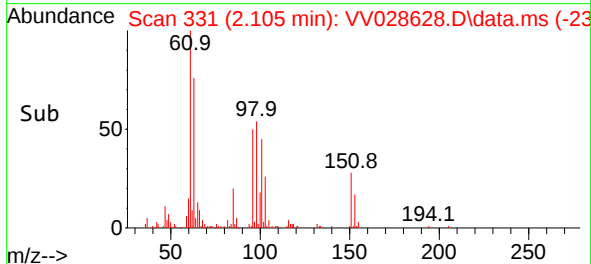
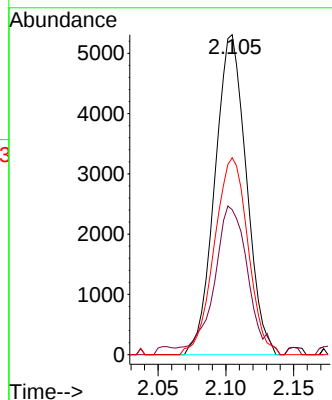
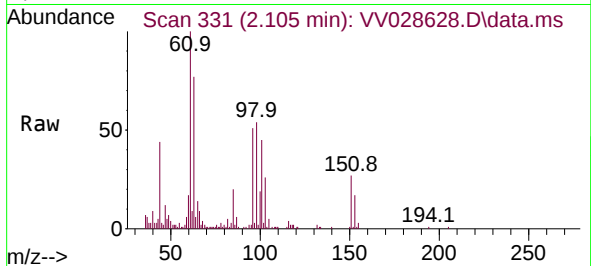




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.537 ug/L
 RT: 2.105 min Scan# 331
 Delta R.T. 0.000 min
 Lab File: VV028628.D
 Acq: 20 Oct 2022 11:14

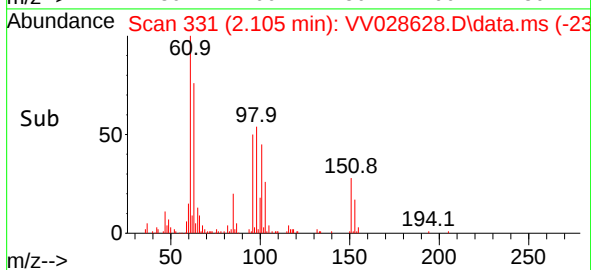
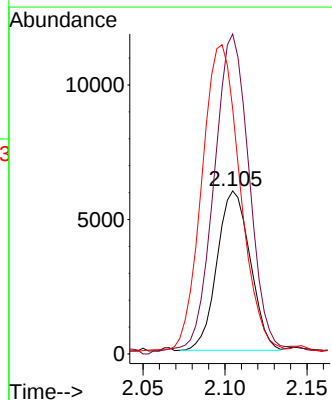
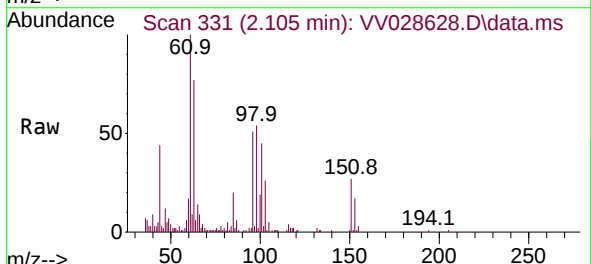
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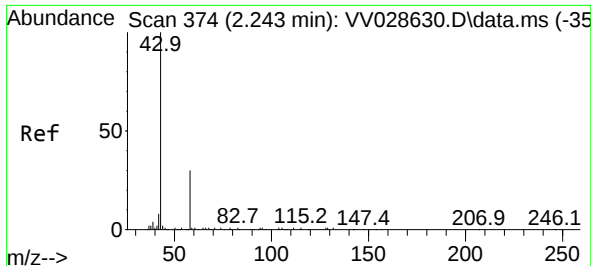
Tgt Ion:101 Resp: 8572
 Ion Ratio Lower Upper
 101 100
 85 49.7 37.0 55.6
 151 65.9 50.2 75.2



#12
 1,1-Dichloroethene
 Concen: 0.564 ug/L
 RT: 2.105 min Scan# 331
 Delta R.T. 0.000 min
 Lab File: VV028628.D
 Acq: 20 Oct 2022 11:14

Tgt Ion: 96 Resp: 8317
 Ion Ratio Lower Upper
 96 100
 61 196.3 148.1 275.1
 63 150.4 133.3 247.7

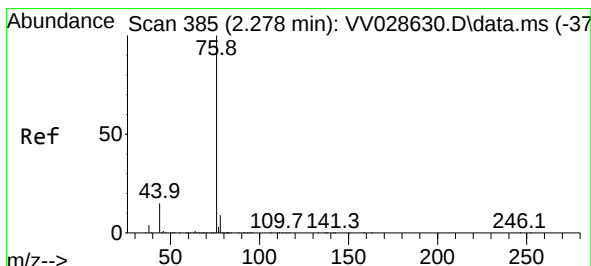
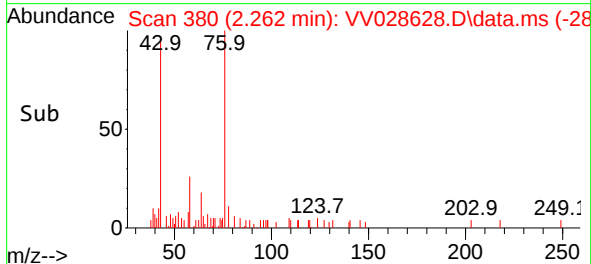
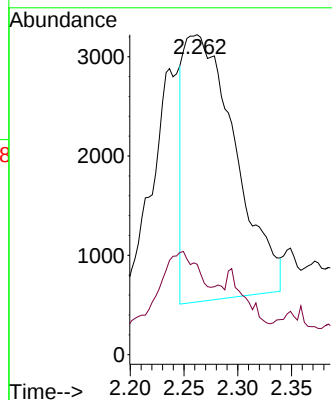
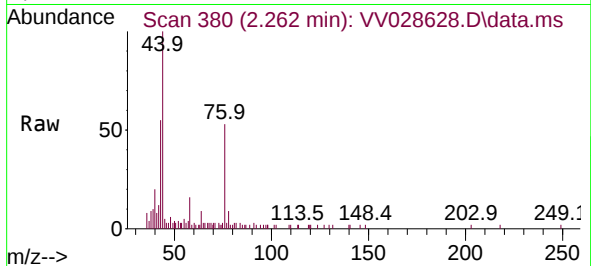




#13
Acetone
Concen: 2.943 ug/L
RT: 2.262 min Scan# 380
Delta R.T. 0.019 min
Lab File: VV028628.D
Acq: 20 Oct 2022 11:14

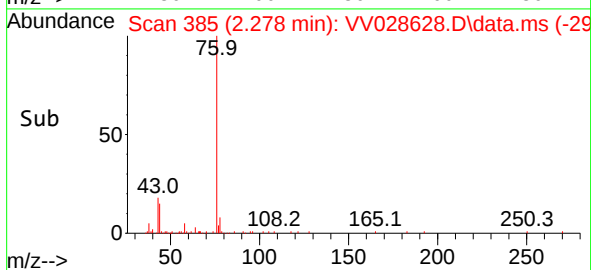
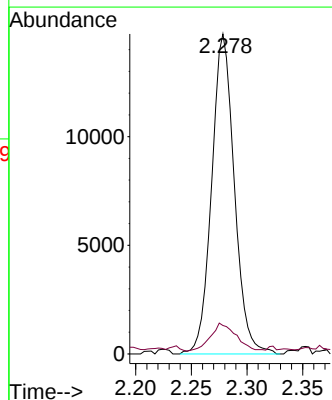
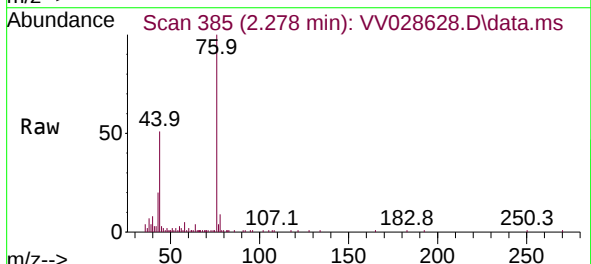
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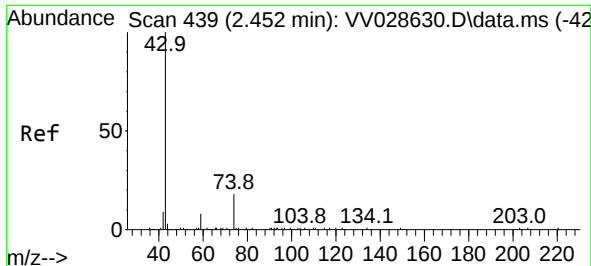
Tgt Ion: 43 Resp: 8903
Ion Ratio Lower Upper
43 100
58 26.6 0.0 50.2



#14
Carbon disulfide
Concen: 0.521 ug/L
RT: 2.278 min Scan# 385
Delta R.T. 0.000 min
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Acq: 20 Oct 2022 11:14

Tgt Ion: 76 Resp: 20880
Ion Ratio Lower Upper
76 100
78 10.3 7.1 10.7

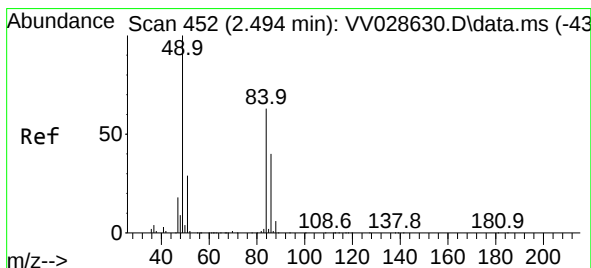
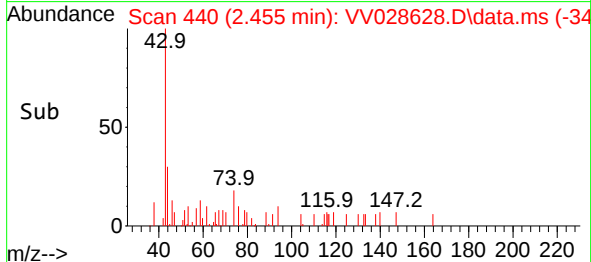
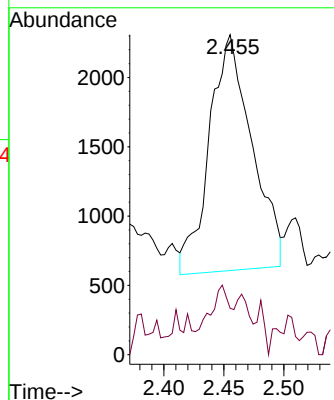
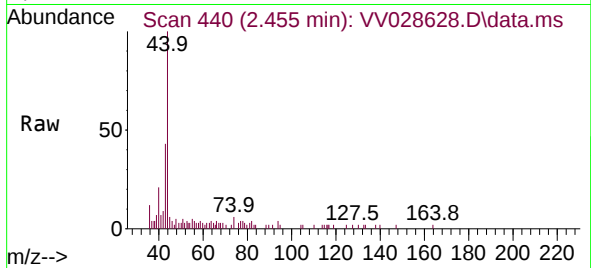




#15
Methyl Acetate
Concen: 0.594 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV028628.D
Acq: 20 Oct 2022 11:14

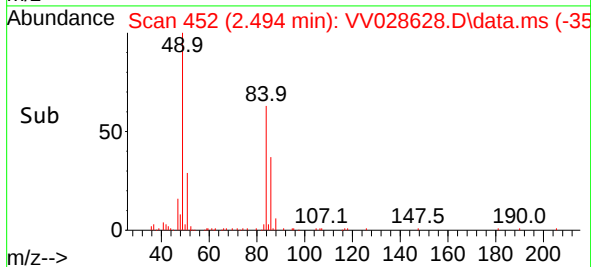
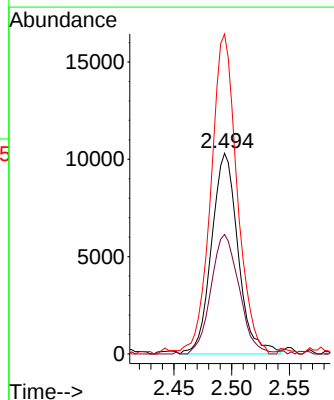
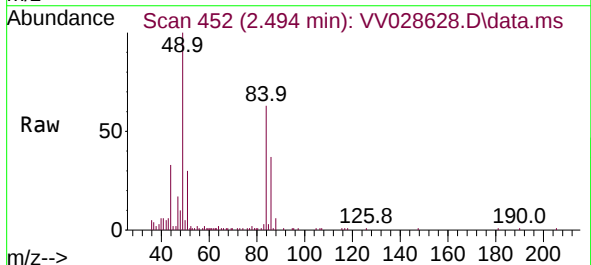
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5264

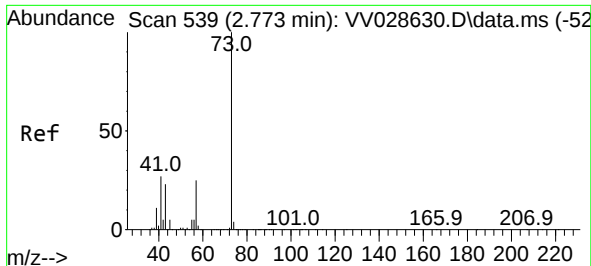
Tgt Ion: 43 Resp: 4199
Ion Ratio Lower Upper
43 100
74 12.5 14.9 22.3#



#16
Methylene chloride
Concen: 0.799 ug/L
RT: 2.494 min Scan# 452
Delta R.T. 0.000 min
Lab File: VV028628.D
Acq: 20 Oct 2022 11:14

Tgt Ion: 84 Resp: 16492
Ion Ratio Lower Upper
84 100
86 59.5 44.4 82.4
49 159.5 110.8 205.8





#17

Methyl tert-butyl Ether

Concen: 0.615 ug/L

RT: 2.770 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV028628.D

Acq: 20 Oct 2022 11:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5264

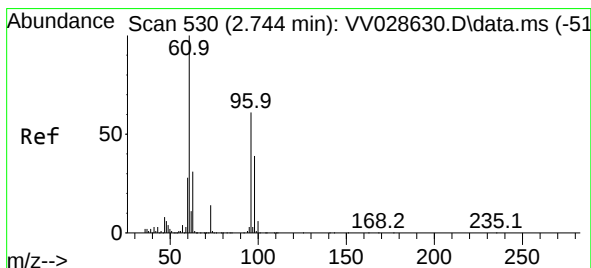
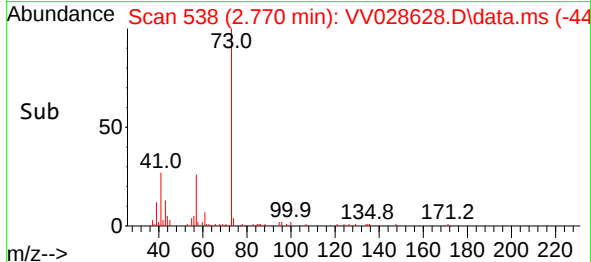
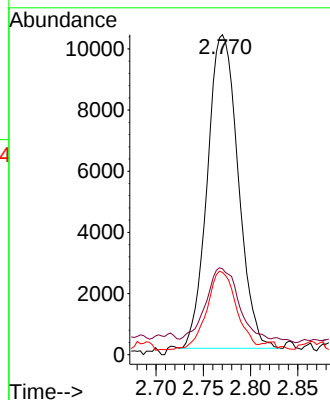
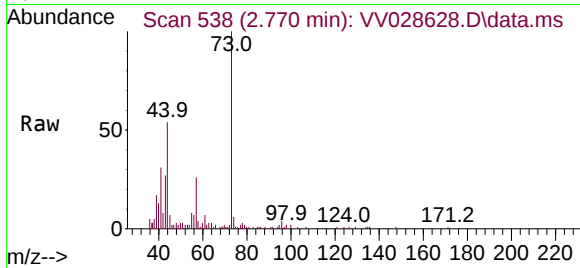
Tgt Ion: 73 Resp: 23248

Ion Ratio Lower Upper

73 100

43 23.5 18.0 27.0

57 27.0 20.0 30.0



#18

trans-1,2-Dichloroethene

Concen: 0.670 ug/L

RT: 2.741 min Scan# 529

Delta R.T. -0.003 min

Lab File: VV028628.D

Acq: 20 Oct 2022 11:14

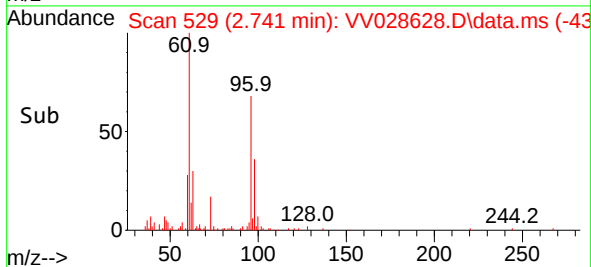
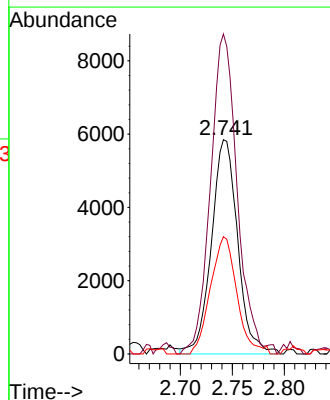
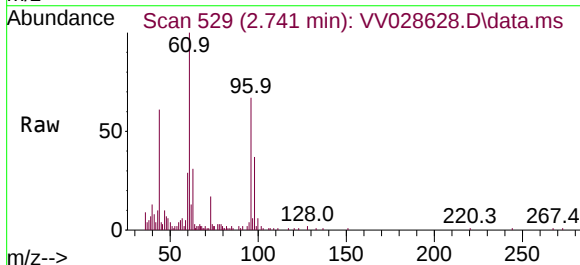
Tgt Ion: 96 Resp: 10293

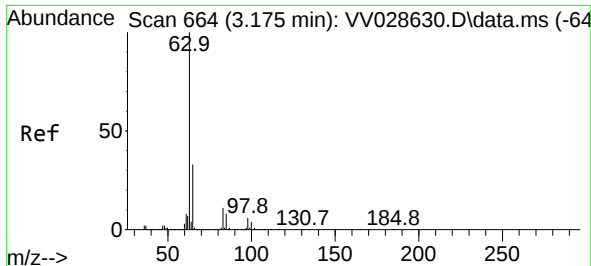
Ion Ratio Lower Upper

96 100

61 149.3 114.3 212.3

98 54.7 45.0 83.6

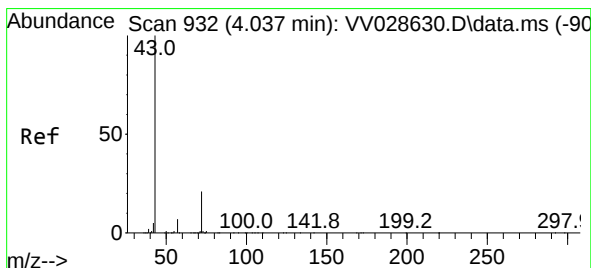
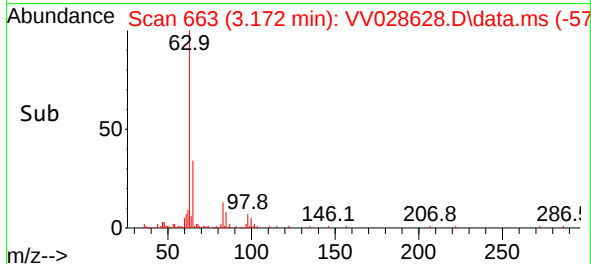
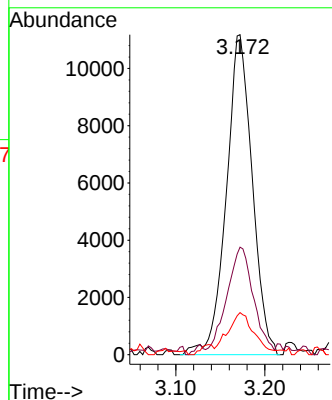
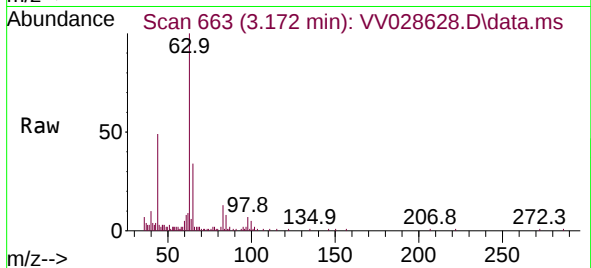




#19
1,1-Dichloroethane
Concen: 0.646 ug/L
RT: 3.172 min Scan# 664
Delta R.T. -0.003 min
Lab File: VV028628.D
Acq: 20 Oct 2022 11:14

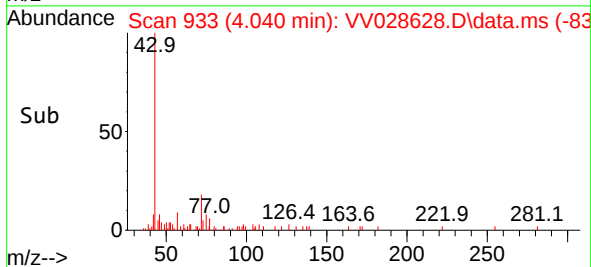
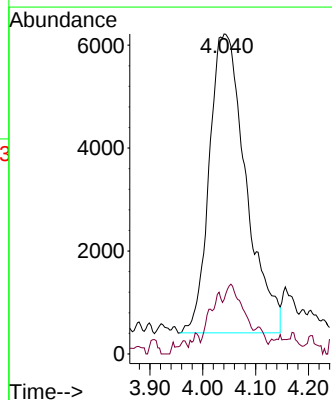
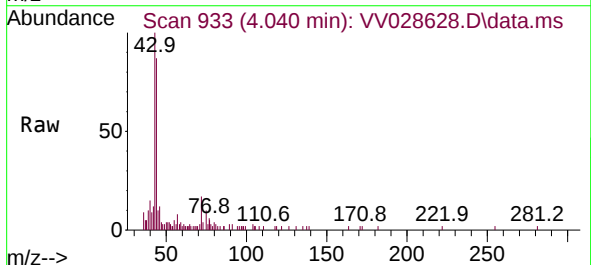
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5264

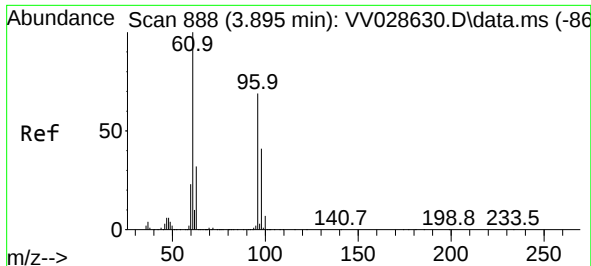
Tgt Ion: 63 Resp: 22600
Ion Ratio Lower Upper
63 100
65 33.6 23.1 42.9
83 13.1 7.9 14.7



#21
2-Butanone
Concen: 6.295 ug/L
RT: 4.040 min Scan# 933
Delta R.T. 0.003 min
Lab File: VV028628.D
Acq: 20 Oct 2022 11:14

Tgt Ion: 43 Resp: 27885
Ion Ratio Lower Upper
43 100
72 7.0 10.2 30.4#

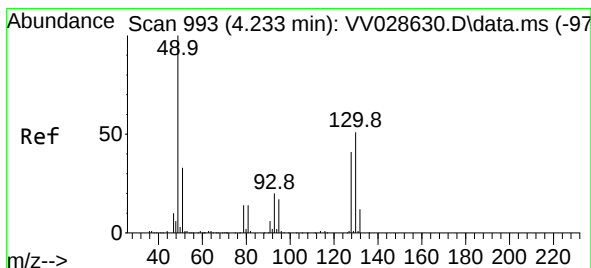
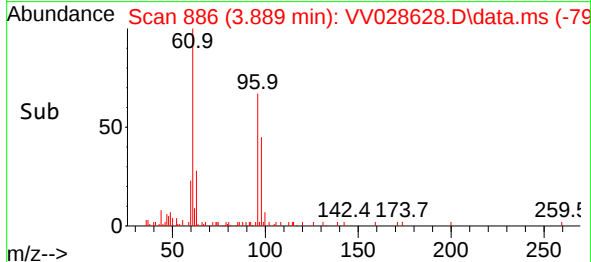
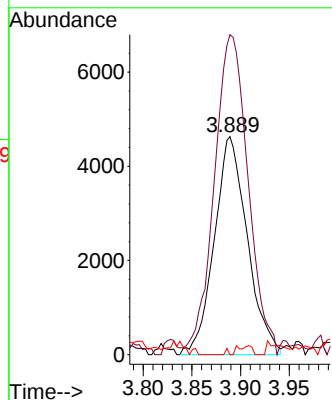
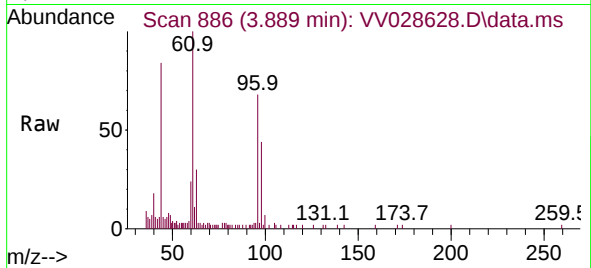




#22
 cis-1,2-Dichloroethene
 Concen: 0.625 ug/L
 RT: 3.889 min Scan# 888
 Delta R.T. -0.006 min
 Lab File: VV028628.D
 Acq: 20 Oct 2022 11:14

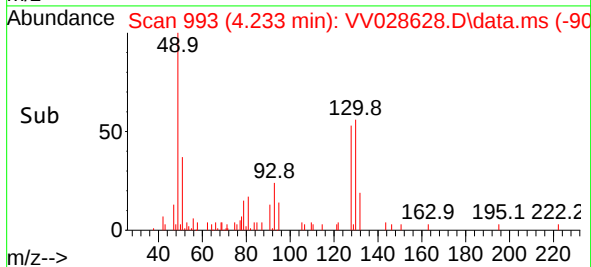
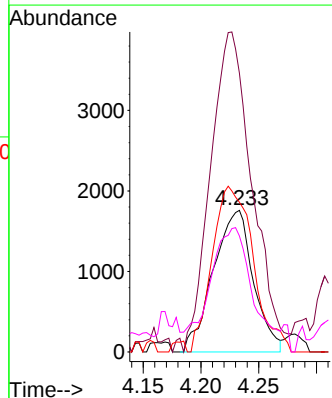
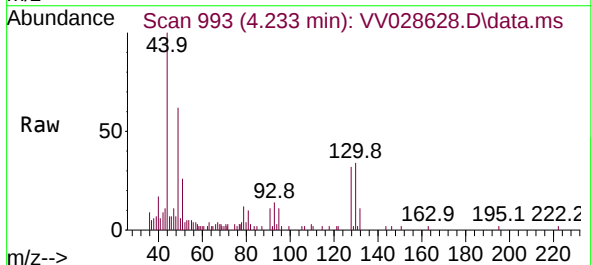
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5264

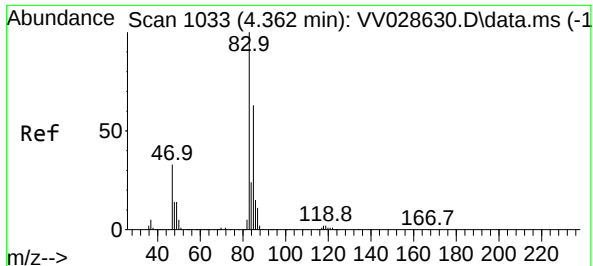
Tgt Ion: 96 Resp: 10907
 Ion Ratio Lower Upper
 96 100
 61 146.7 101.4 188.2
 68 0.0 0.5 0.9#



#23
 Bromochloromethane
 Concen: 0.638 ug/L
 RT: 4.233 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VV028628.D
 Acq: 20 Oct 2022 11:14

Tgt Ion: 128 Resp: 4239
 Ion Ratio Lower Upper
 128 100
 49 196.9 171.1 317.7
 130 105.8 86.4 160.4
 51 81.9 65.9 98.9

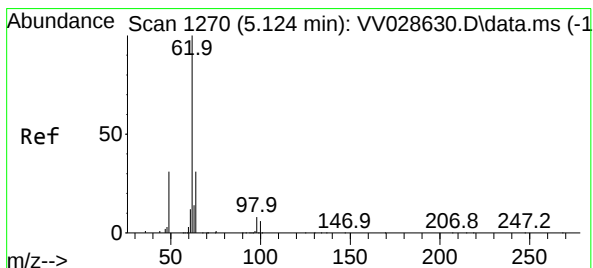
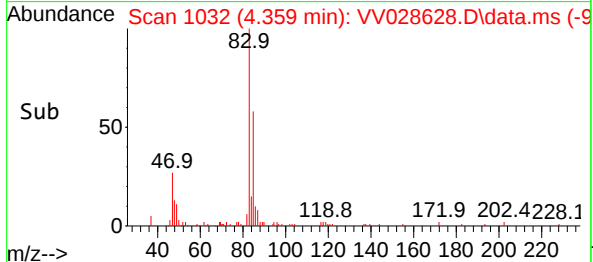
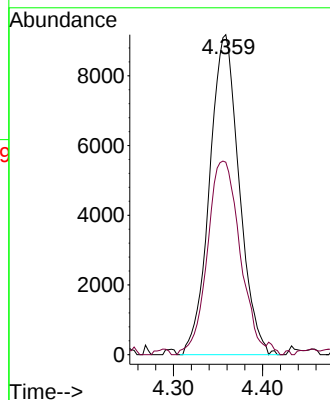
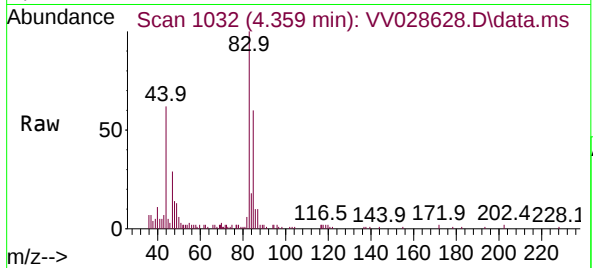




#25
Chloroform
Concen: 0.640 ug/L
RT: 4.359 min Scan# 1032
Delta R.T. -0.003 min
Lab File: VV028628.D
Acq: 20 Oct 2022 11:14

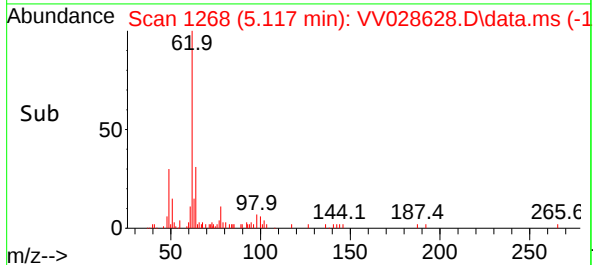
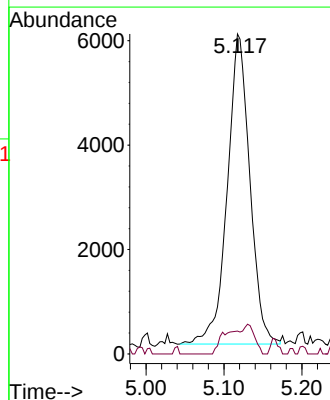
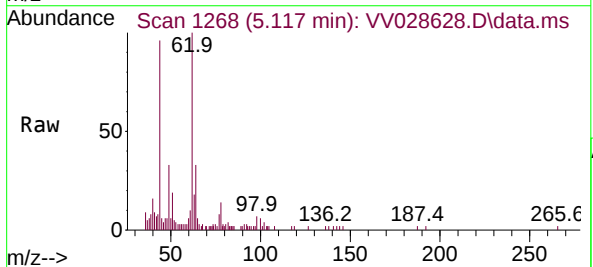
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5264

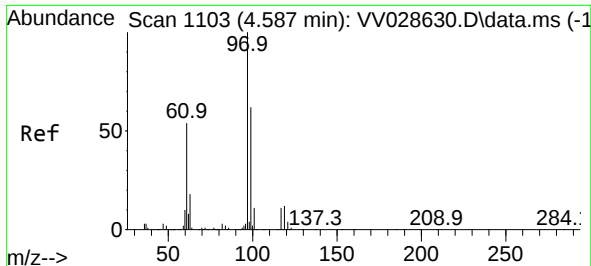
Tgt Ion: 83 Resp: 21228
Ion Ratio Lower Upper
83 100
85 60.1 44.1 81.9



#27
1,2-Dichloroethane
Concen: 0.607 ug/L
RT: 5.117 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VV028628.D
Acq: 20 Oct 2022 11:14

Tgt Ion: 62 Resp: 11952
Ion Ratio Lower Upper
62 100
98 7.1 6.6 9.8





#29

1,1,1-Trichloroethane

Concen: 0.719 ug/L

RT: 4.584 min Scan# 1103

Delta R.T. -0.003 min

Lab File: VV028628.D

Acq: 20 Oct 2022 11:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5264

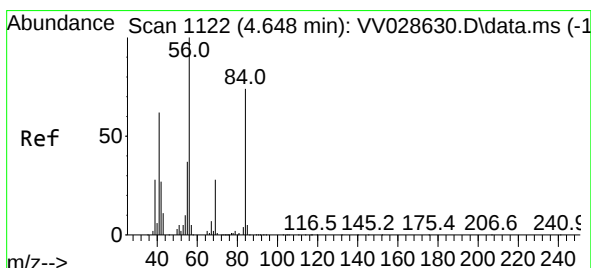
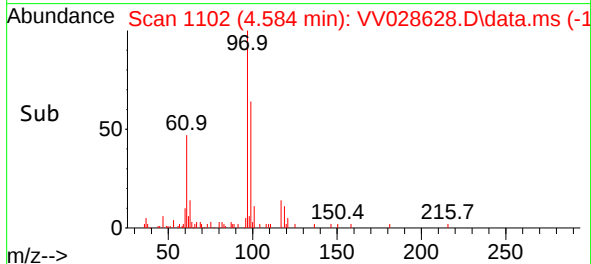
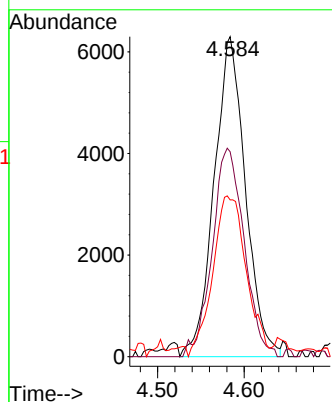
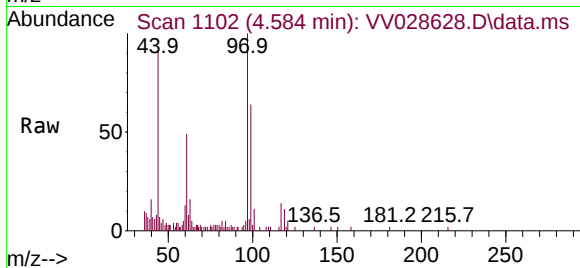
Tgt Ion: 97 Resp: 15780

Ion Ratio Lower Upper

97 100

99 66.5 50.5 75.7

61 54.1 43.1 64.7



#30

Cyclohexane

Concen: 0.603 ug/L

RT: 4.645 min Scan# 1121

Delta R.T. -0.003 min

Lab File: VV028628.D

Acq: 20 Oct 2022 11:14

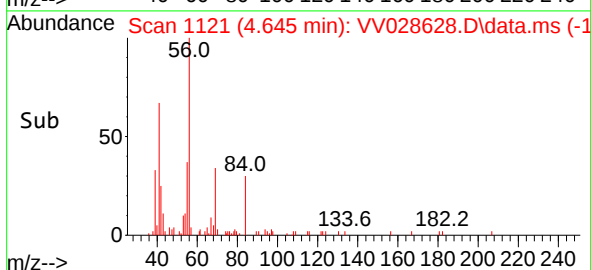
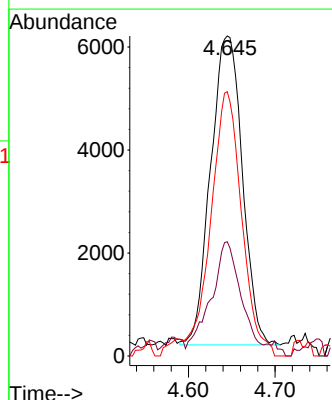
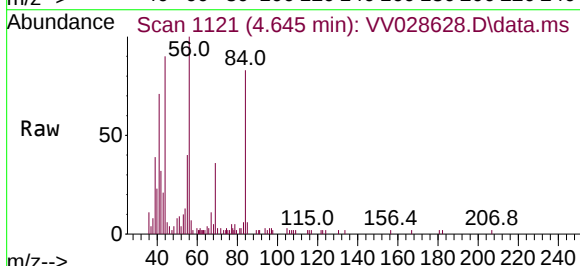
Tgt Ion: 56 Resp: 15256

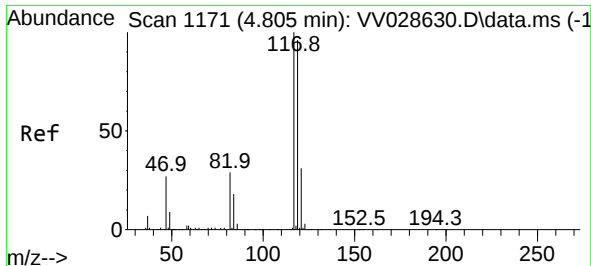
Ion Ratio Lower Upper

56 100

69 31.7 22.6 34.0

84 83.1 60.4 90.6

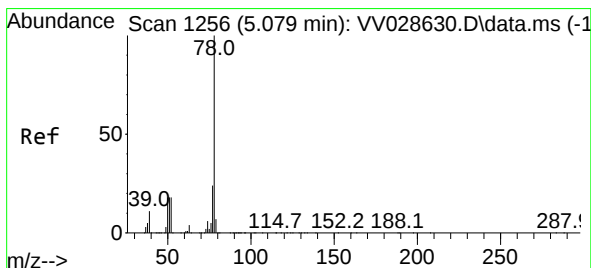
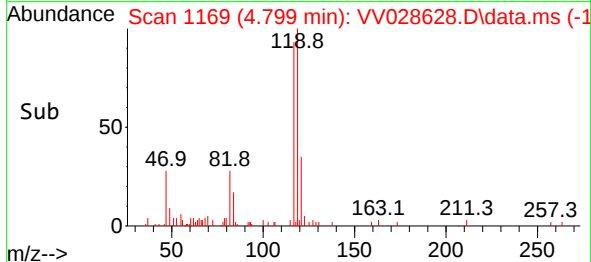
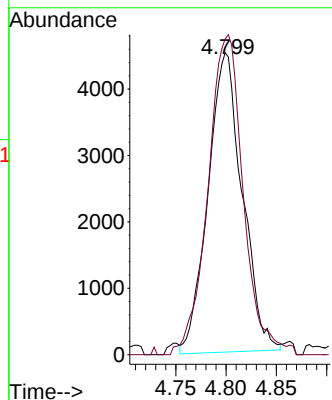
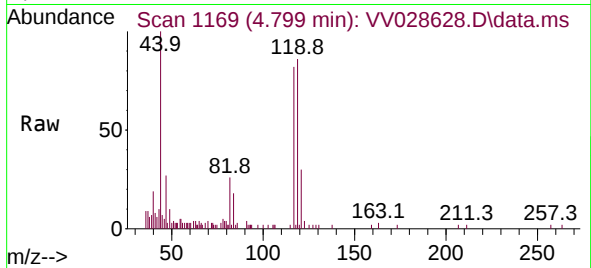




#31
Carbon tetrachloride
Concen: 0.630 ug/L
RT: 4.799 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VV028628.D
Acq: 20 Oct 2022 11:14

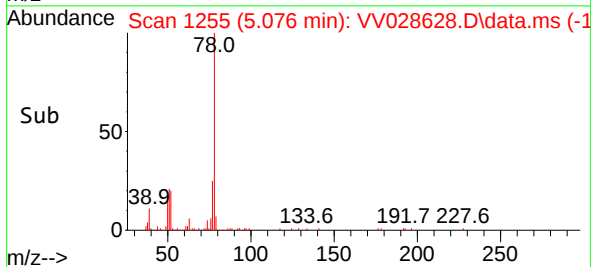
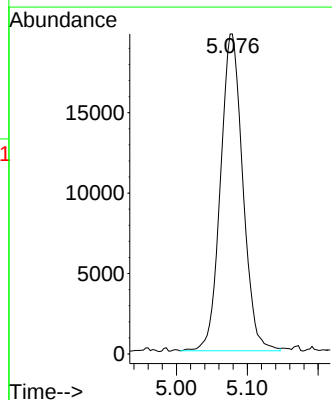
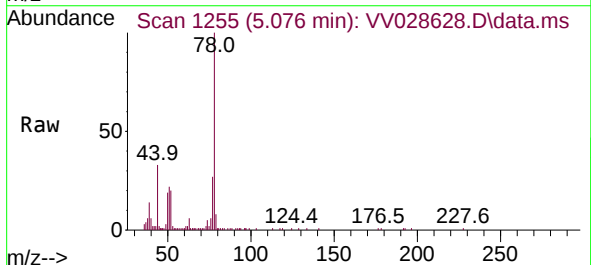
Instrument : MSVOA_V
ClientSampleId : VSTD0.5264

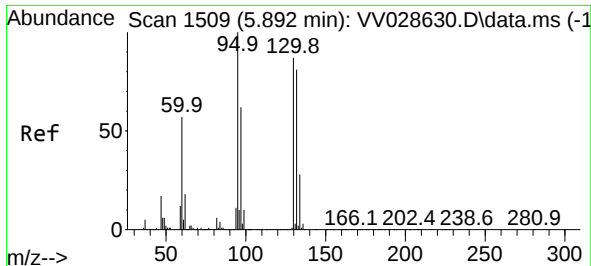
Tgt Ion:117 Resp: 10688
Ion Ratio Lower Upper
117 100
119 110.0 76.1 114.1



#33
Benzene
Concen: 0.752 ug/L
RT: 5.076 min Scan# 1255
Delta R.T. -0.003 min
Lab File: VV028628.D
Acq: 20 Oct 2022 11:14

Tgt Ion: 78 Resp: 43114





#34

Trichloroethene

Concen: 0.728 ug/L

RT: 5.892 min Scan# 1509

Delta R.T. 0.000 min

Lab File: VV028628.D

Acq: 20 Oct 2022 11:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5264

Tgt Ion: 95 Resp: 10336

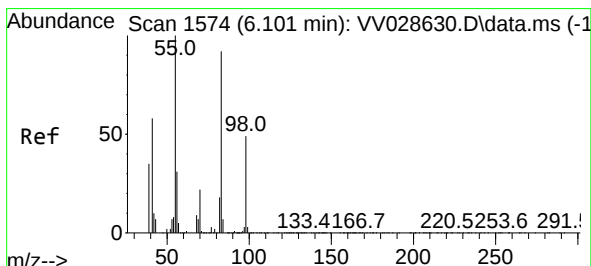
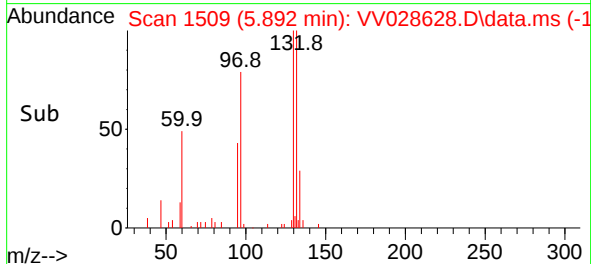
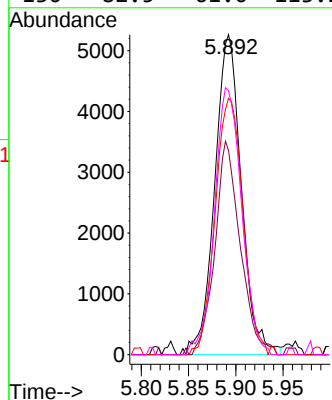
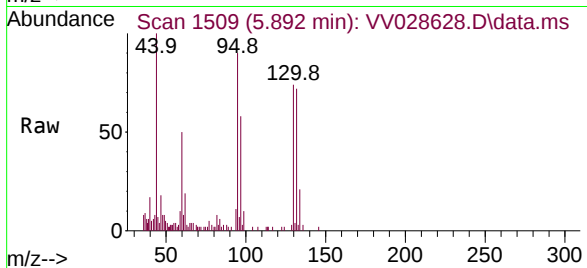
Ion Ratio Lower Upper

95 100

97 63.8 43.5 80.9

132 80.1 56.5 104.9

130 82.5 61.0 113.2



#35

Methylcyclohexane

Concen: 0.591 ug/L

RT: 6.104 min Scan# 1575

Delta R.T. 0.003 min

Lab File: VV028628.D

Acq: 20 Oct 2022 11:14

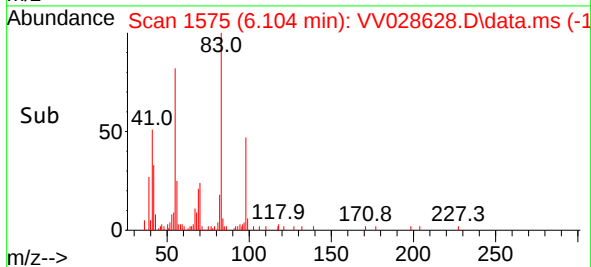
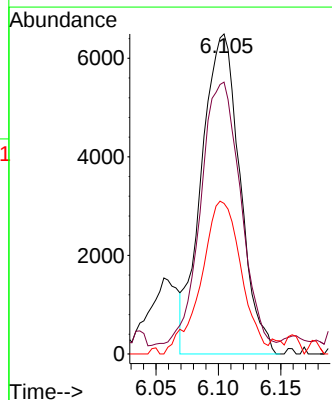
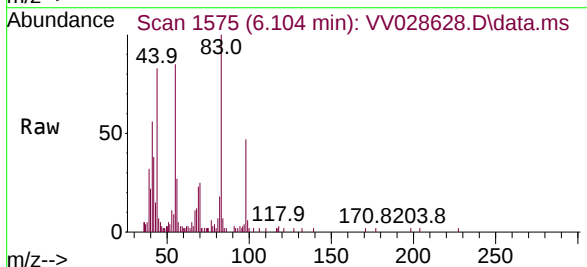
Tgt Ion: 83 Resp: 13951

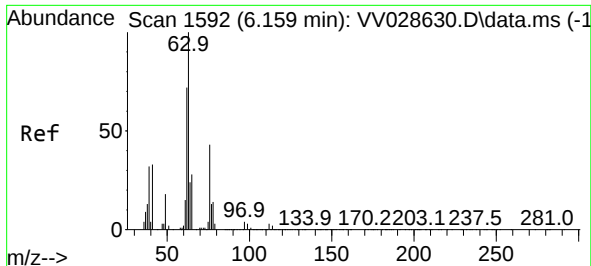
Ion Ratio Lower Upper

83 100

55 84.5 70.0 105.0

98 49.5 35.6 53.4





#37

1,2-Dichloropropane

Concen: 0.793 ug/L

RT: 6.162 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028628.D

Acq: 20 Oct 2022 11:14

Instrument :

MSVOA_V

ClientSampleId :

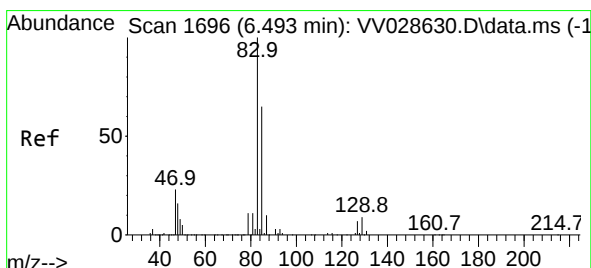
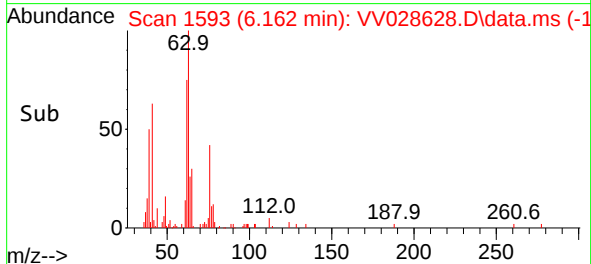
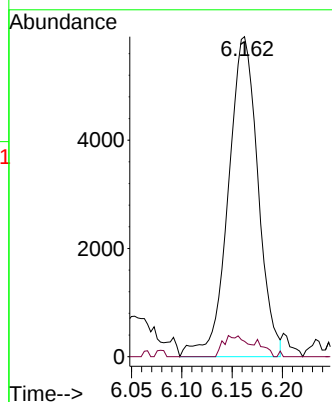
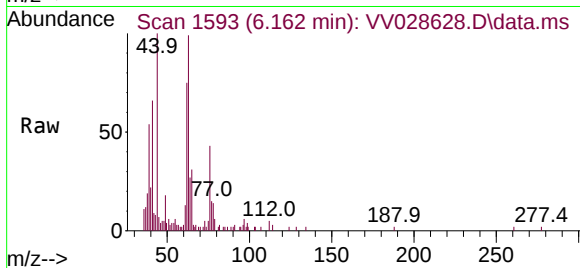
VSTD0.5264

Tgt Ion: 63 Resp: 12150

Ion Ratio Lower Upper

63 100

112 1.5 3.4 5.2#



#38

Bromodichloromethane

Concen: 0.710 ug/L

RT: 6.497 min Scan# 1697

Delta R.T. 0.003 min

Lab File: VV028628.D

Acq: 20 Oct 2022 11:14

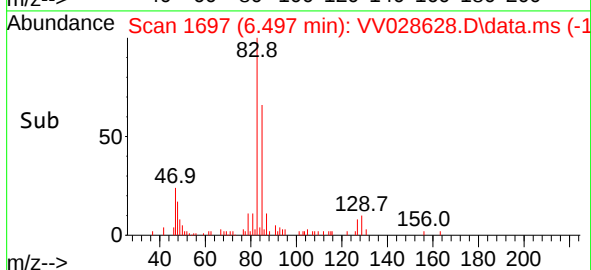
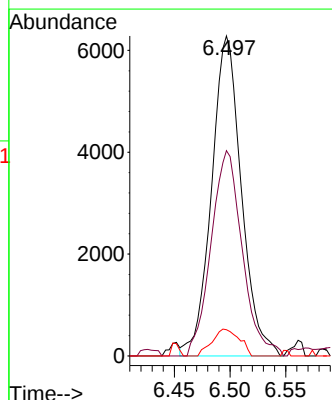
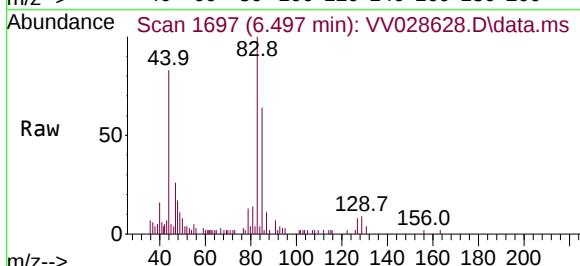
Tgt Ion: 83 Resp: 11721

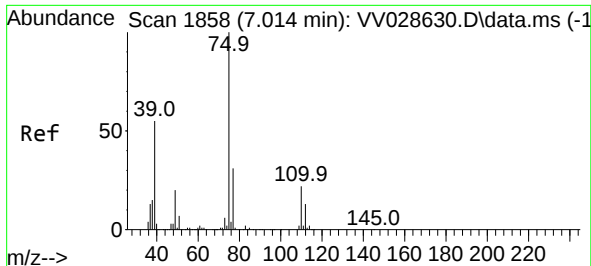
Ion Ratio Lower Upper

83 100

85 64.1 45.1 83.9

127 8.2 5.7 8.5





#39

cis-1,3-Dichloropropene

Concen: 0.679 ug/L

RT: 7.018 min Scan# 1859

Delta R.T. 0.003 min

Lab File: VV028628.D

Acq: 20 Oct 2022 11:14

Instrument :

MSVOA_V

ClientSampleId :

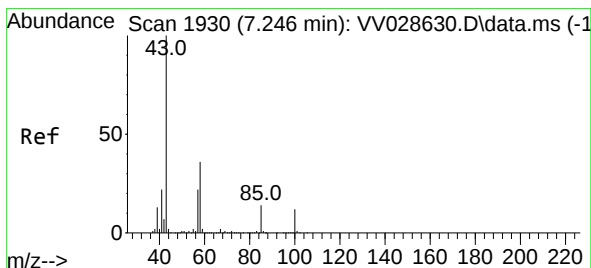
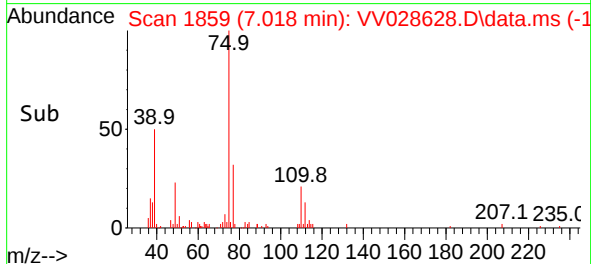
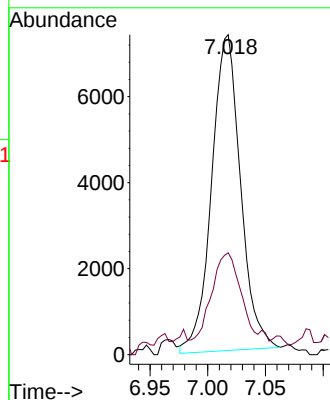
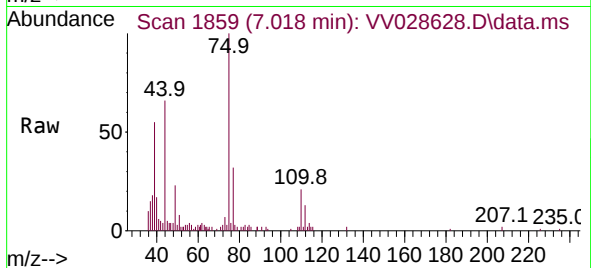
VSTD0.5264

Tgt Ion: 75 Resp: 12780

Ion Ratio Lower Upper

75 100

77 31.9 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 7.593 ug/L

RT: 7.246 min Scan# 1930

Delta R.T. 0.000 min

Lab File: VV028628.D

Acq: 20 Oct 2022 11:14

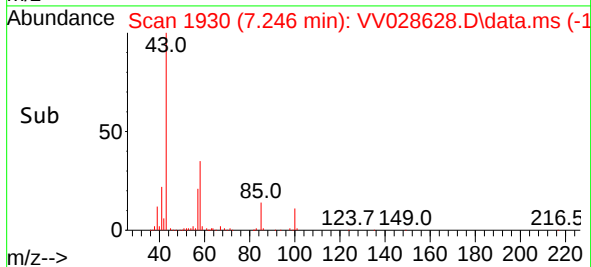
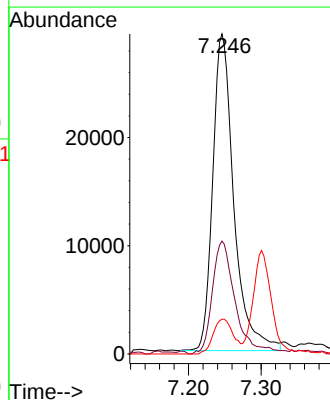
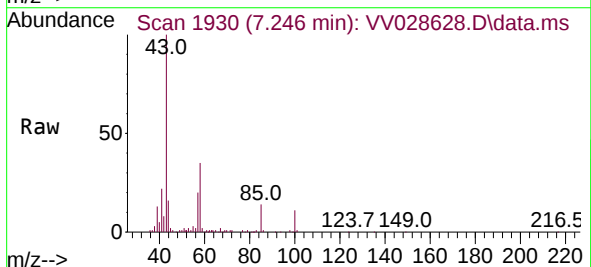
Tgt Ion: 43 Resp: 59182

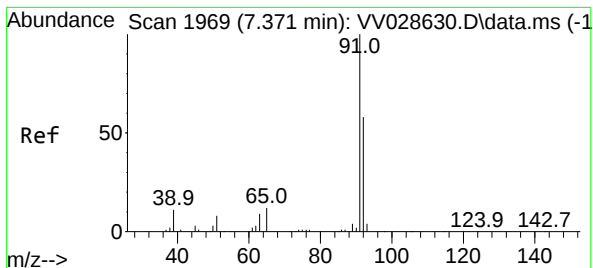
Ion Ratio Lower Upper

43 100

58 38.9 29.6 44.4

100 10.4 9.4 14.0





#42

Toluene

Concen: 0.696 ug/L

RT: 7.375 min Scan# 1969

Delta R.T. 0.003 min

Lab File: VV028628.D

Acq: 20 Oct 2022 11:14

Instrument :

MSVOA_V

ClientSampleId :

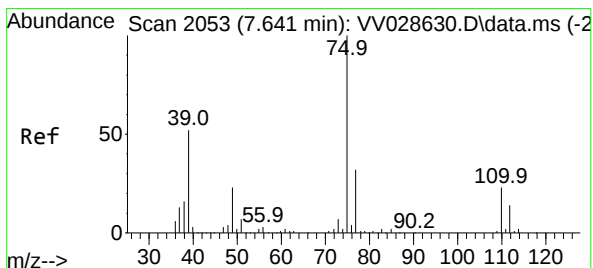
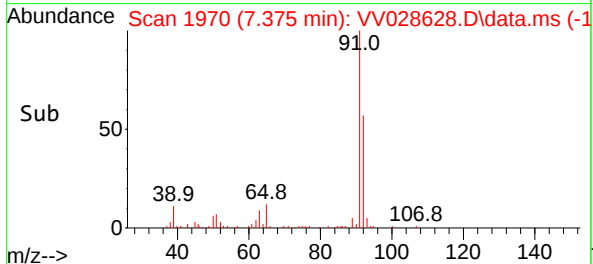
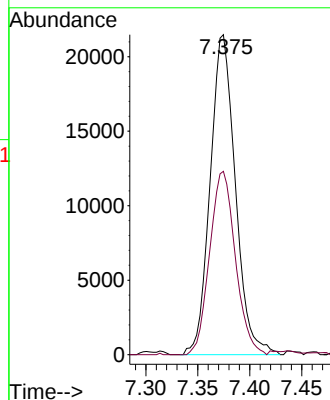
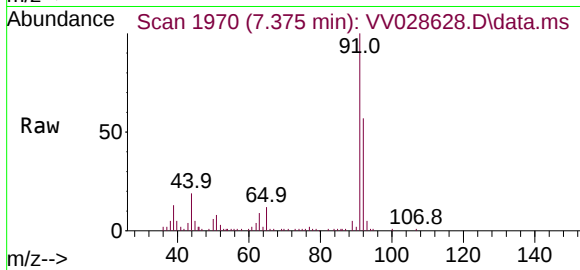
VSTD0.5264

Tgt Ion: 91 Resp: 36232

Ion Ratio Lower Upper

91 100

92 57.3 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 0.607 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. 0.003 min

Lab File: VV028628.D

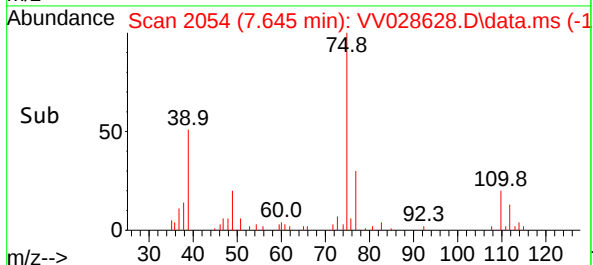
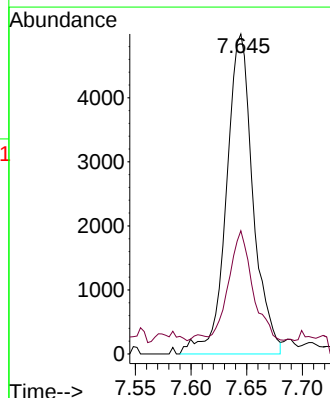
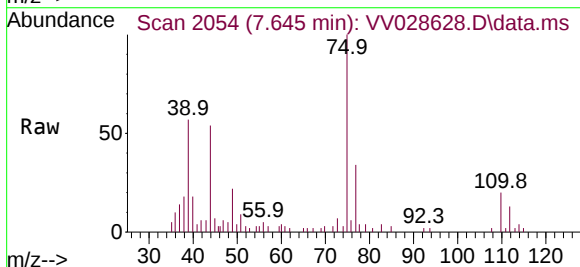
Acq: 20 Oct 2022 11:14

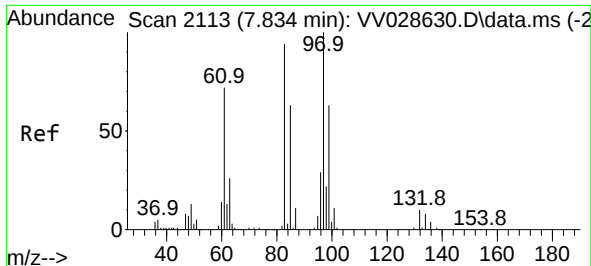
Tgt Ion: 75 Resp: 8341

Ion Ratio Lower Upper

75 100

77 38.5 22.6 42.0

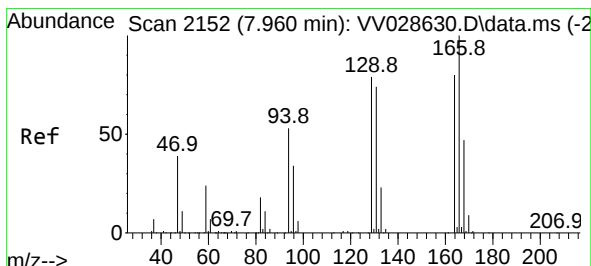
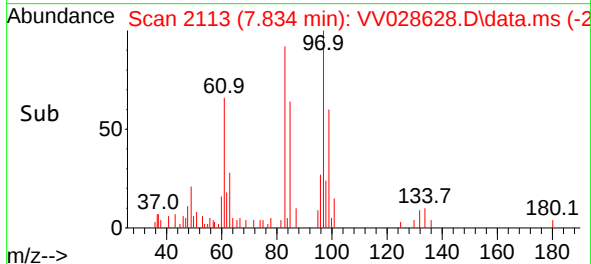
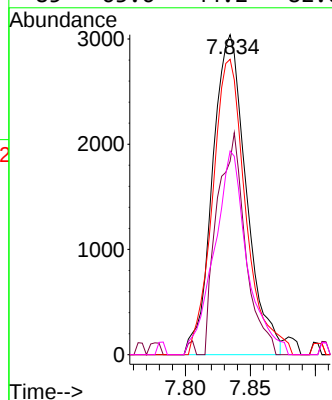
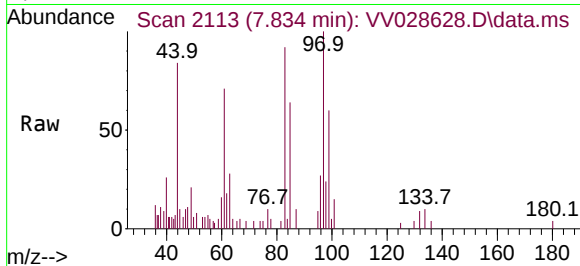




#45
1,1,2-Trichloroethane
Concen: 0.702 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VV028628.D
Acq: 20 Oct 2022 11:14

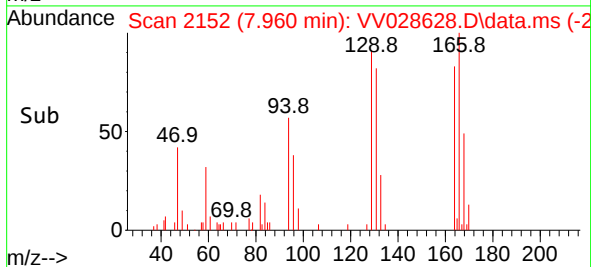
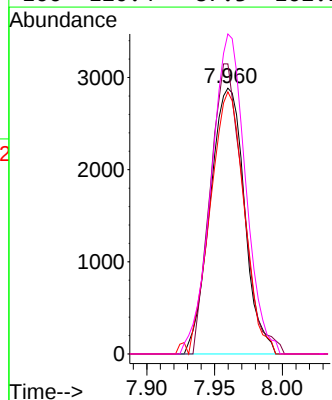
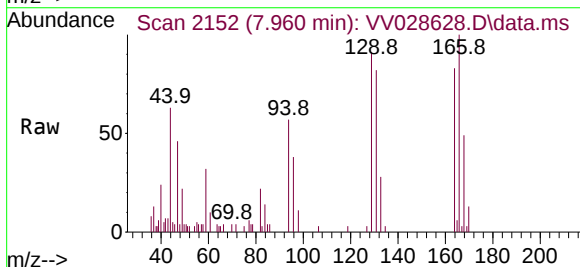
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5264

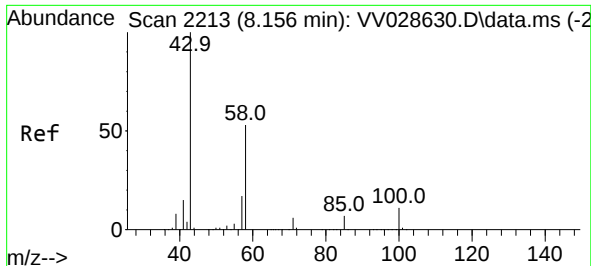
Tgt Ion:	97	Resp:	5493
Ion	Ratio	Lower	Upper
97	100		
99	60.4	44.0	81.6
83	92.3	66.2	123.0
85	63.6	44.2	82.0



#47
Tetrachloroethene
Concen: 0.594 ug/L
RT: 7.960 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VV028628.D
Acq: 20 Oct 2022 11:14

Tgt Ion:	164	Resp:	5081
Ion	Ratio	Lower	Upper
164	100		
129	109.2	69.2	128.6
131	98.6	64.2	119.2
166	120.4	87.3	162.1

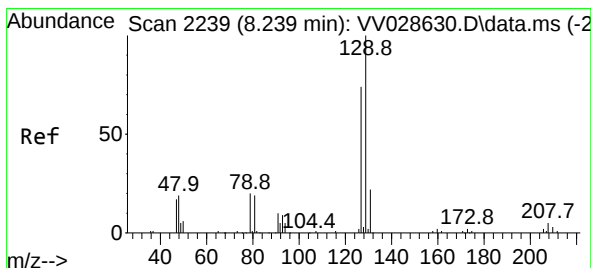
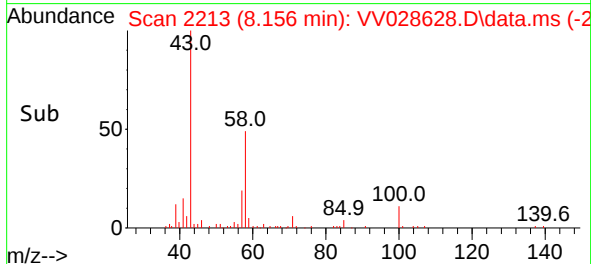
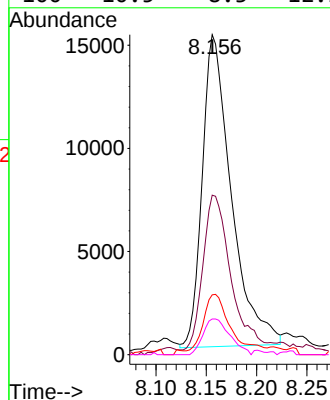
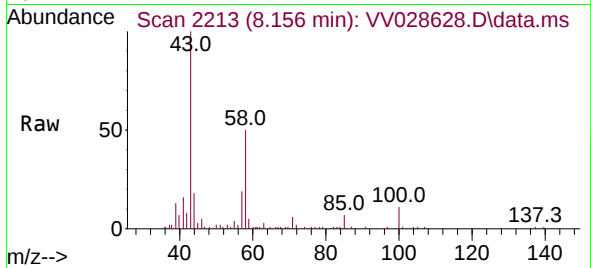




#48
2-Hexanone
Concen: 5.774 ug/L
RT: 8.156 min Scan# 2213
Delta R.T. 0.000 min
Lab File: VV028628.D
Acq: 20 Oct 2022 11:14

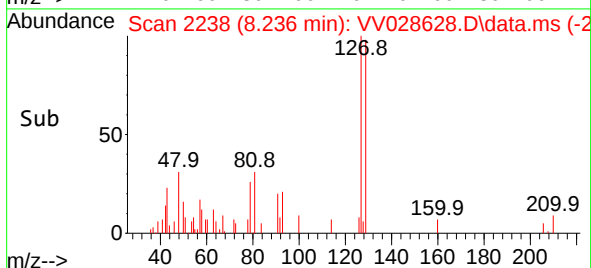
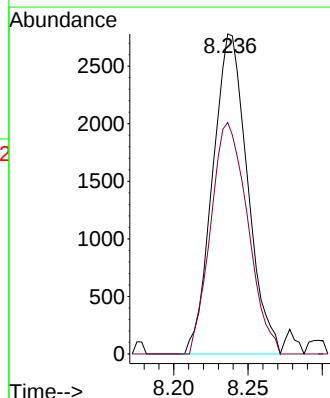
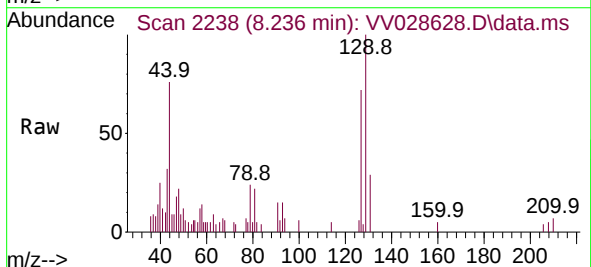
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5264

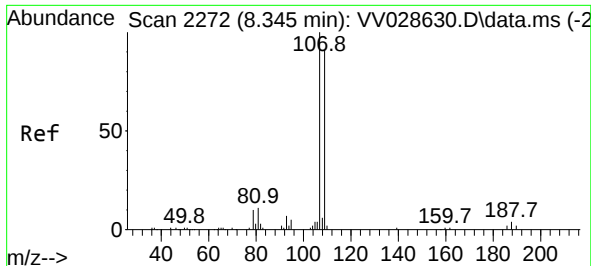
Tgt Ion:	43	Resp:	30405
Ion	Ratio	Lower	Upper
43	100		
58	48.7	40.6	60.8
57	18.9	13.8	20.8
100	10.5	8.3	12.5



#49
Dibromochloromethane
Concen: 0.554 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. -0.003 min
Lab File: VV028628.D
Acq: 20 Oct 2022 11:14

Tgt Ion:	129	Resp:	4532
Ion	Ratio	Lower	Upper
129	100		
127	72.3	51.6	95.8





#50

1,2-Dibromoethane

Concen: 0.670 ug/L

RT: 8.346 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV028628.D

Acq: 20 Oct 2022 11:14

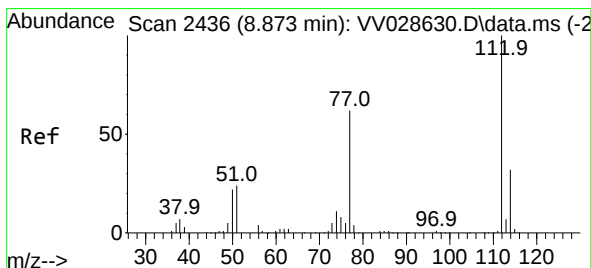
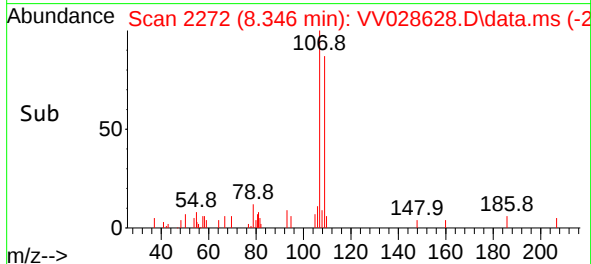
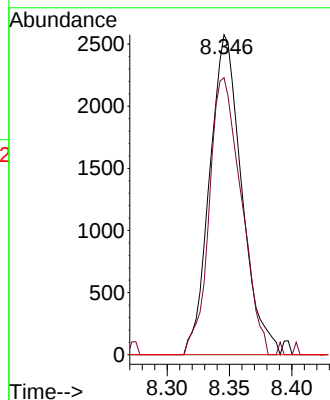
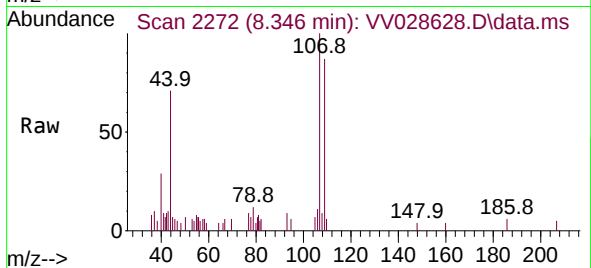
Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5264

Tgt Ion:	107	Resp:	4614
Ion	Ratio	Lower	Upper
107	100		
109	92.5	64.0	118.8
188	0.0	2.9	4.3#



#51

Chlorobenzene

Concen: 0.590 ug/L

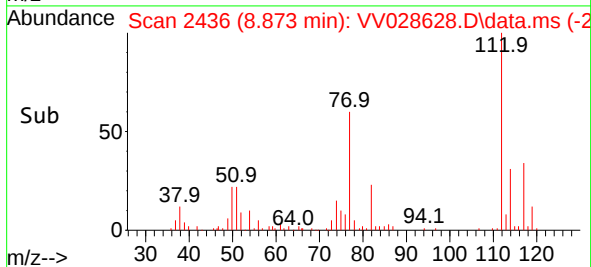
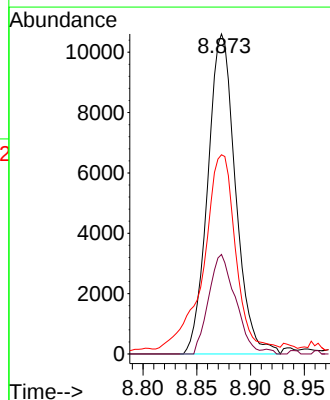
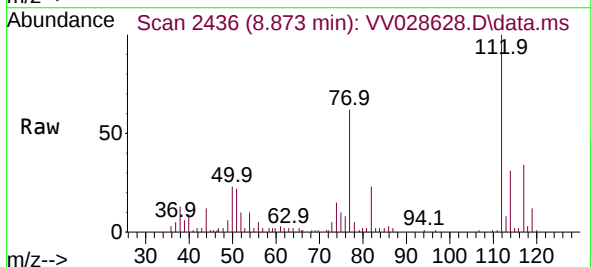
RT: 8.873 min Scan# 2436

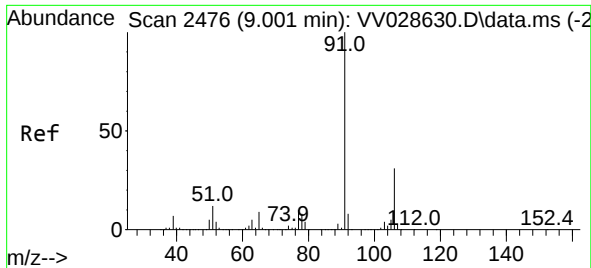
Delta R.T. 0.000 min

Lab File: VV028628.D

Acq: 20 Oct 2022 11:14

Tgt Ion:	112	Resp:	18993
Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.0	41.0
77	62.2	50.0	75.0

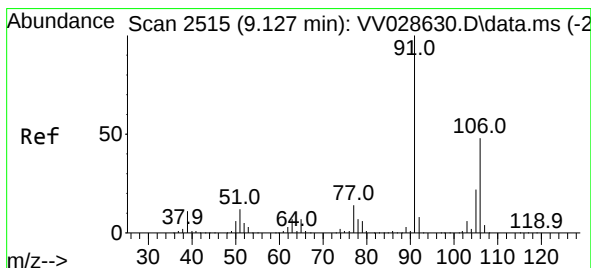
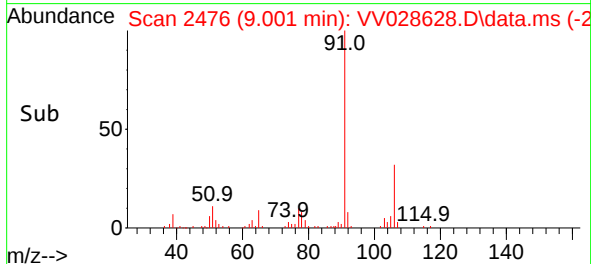
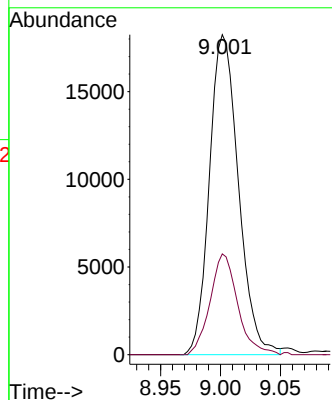
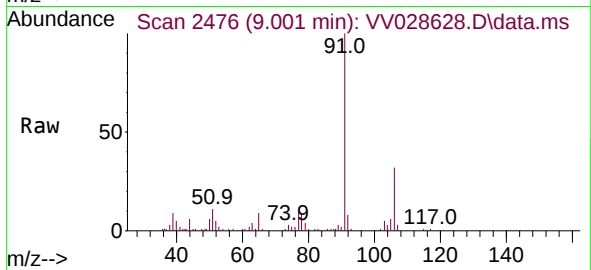




#52
Ethylbenzene
Concen: 0.536 ug/L
RT: 9.001 min Scan# 2476
Delta R.T. 0.000 min
Lab File: VV028628.D
Acq: 20 Oct 2022 11:14

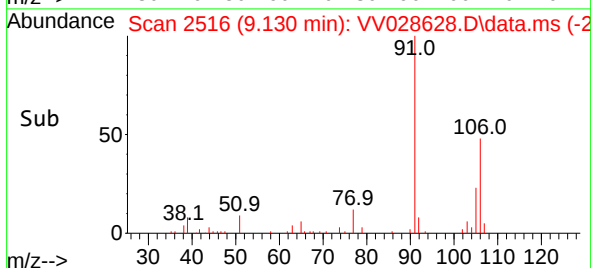
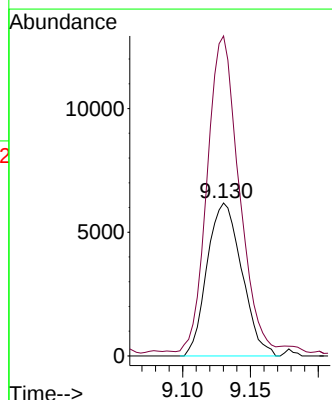
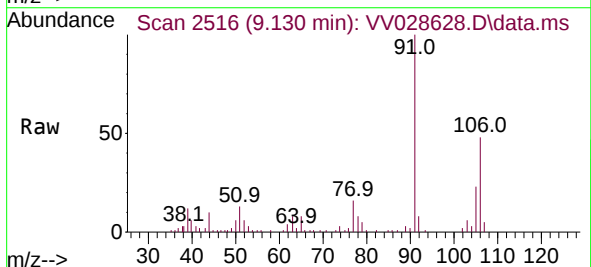
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5264

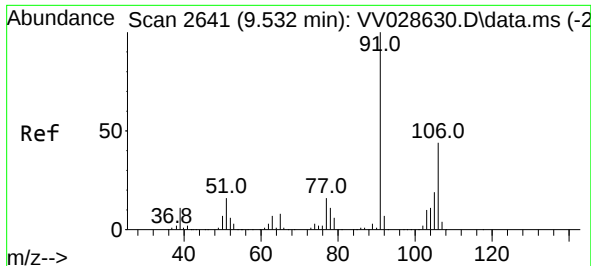
Tgt Ion: 91 Resp: 30693
Ion Ratio Lower Upper
91 100
106 31.5 21.3 39.6



#53
m,p-Xylene
Concen: 0.511 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. 0.003 min
Lab File: VV028628.D
Acq: 20 Oct 2022 11:14

Tgt Ion: 106 Resp: 10999
Ion Ratio Lower Upper
106 100
91 209.2 145.5 270.1

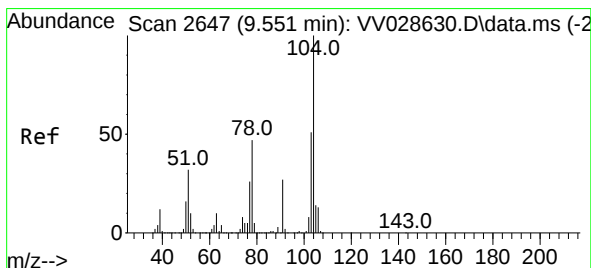
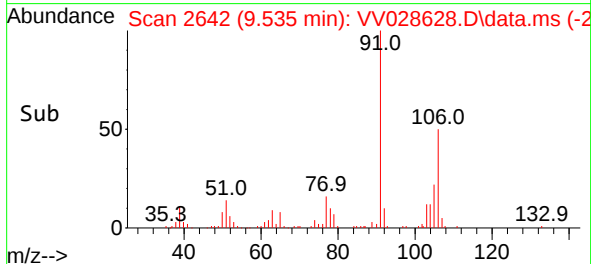
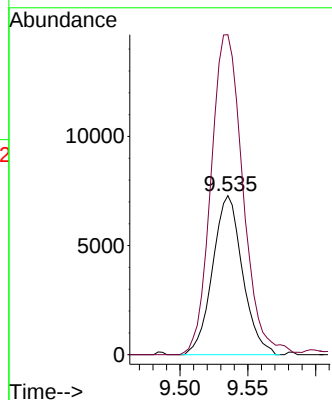
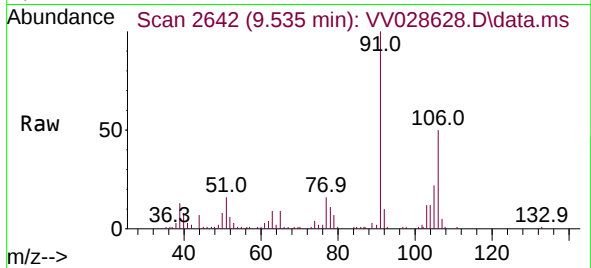




#54
o-Xylene
Concen: 0.540 ug/L
RT: 9.535 min Scan# 2641
Delta R.T. 0.003 min
Lab File: VV028628.D
Acq: 20 Oct 2022 11:14

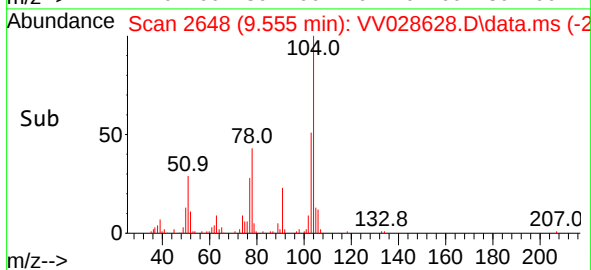
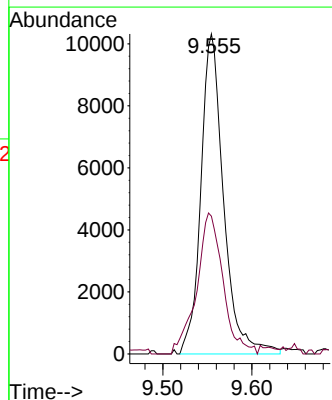
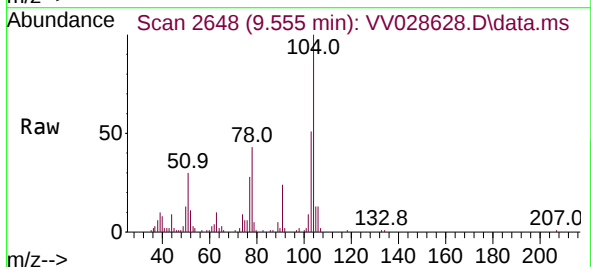
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5264

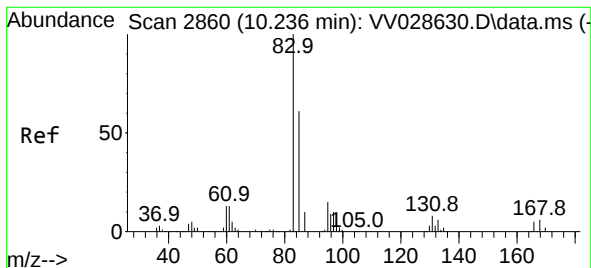
Tgt Ion:106 Resp: 11182
Ion Ratio Lower Upper
106 100
91 201.1 159.0 295.4



#55
Styrene
Concen: 0.518 ug/L
RT: 9.555 min Scan# 2648
Delta R.T. 0.003 min
Lab File: VV028628.D
Acq: 20 Oct 2022 11:14

Tgt Ion:104 Resp: 18315
Ion Ratio Lower Upper
104 100
78 47.8 32.8 61.0

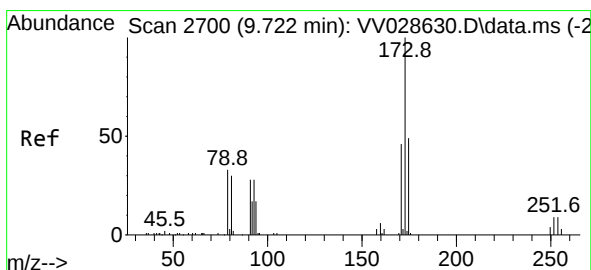
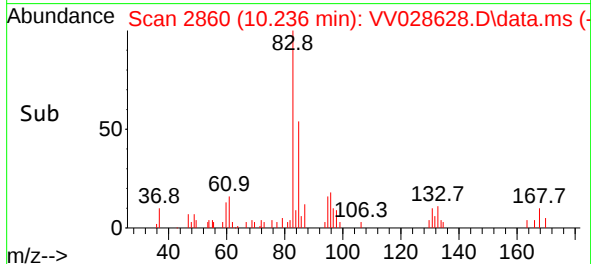
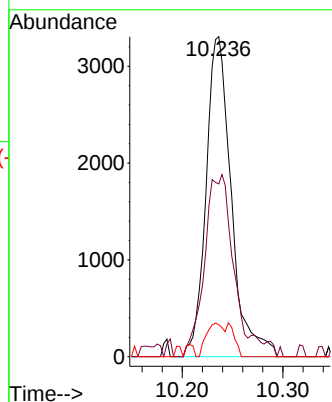
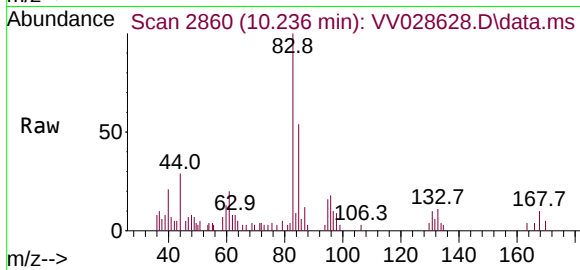




#57
1,1,2,2-Tetrachloroethane
Concen: 0.594 ug/L
RT: 10.236 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028628.D
Acq: 20 Oct 2022 11:14

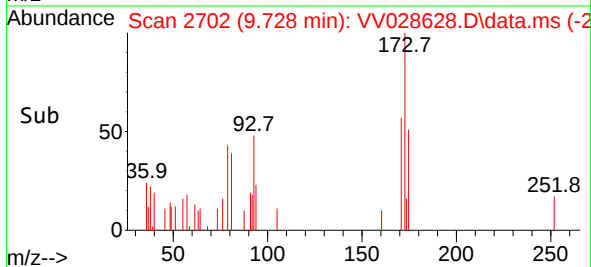
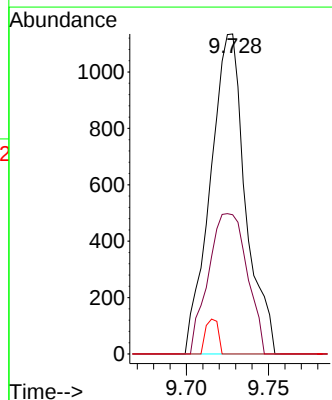
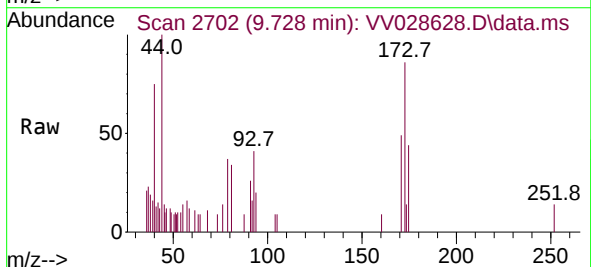
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5264

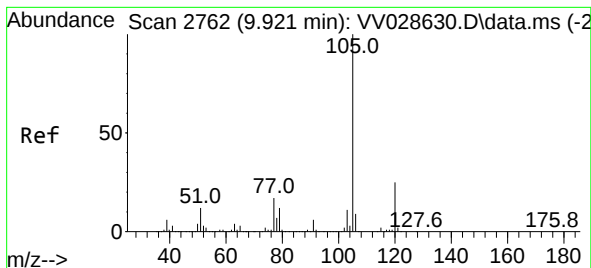
Tgt Ion: 83 Resp: 5776
Ion Ratio Lower Upper
83 100
85 59.9 43.0 80.0
131 10.0 6.5 9.7#



#59
Bromoform
Concen: 0.487 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.007 min
Lab File: VV028628.D
Acq: 20 Oct 2022 11:14

Tgt Ion: 173 Resp: 1691
Ion Ratio Lower Upper
173 100
175 48.3 39.8 59.8
254 3.9 7.3 10.9#





#60

Isopropylbenzene

Concen: 0.553 ug/L

RT: 9.921 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV028628.D

Acq: 20 Oct 2022 11:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5264

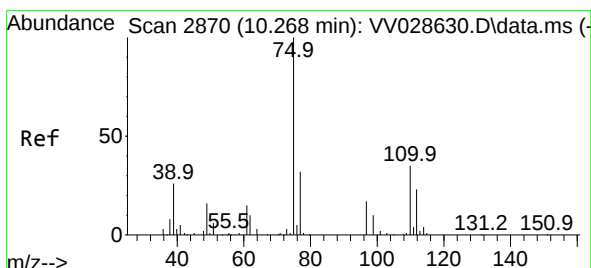
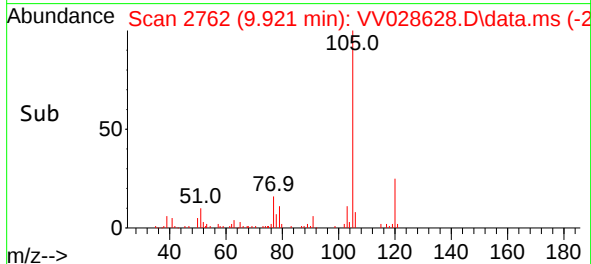
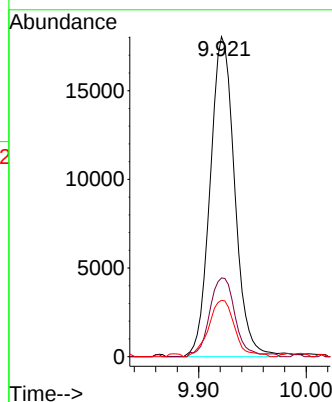
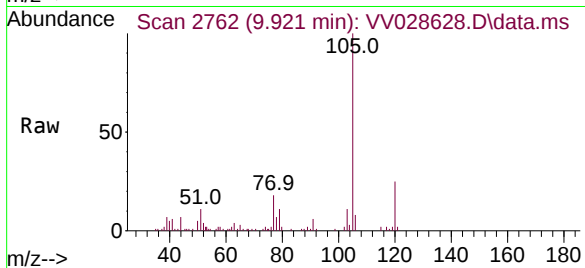
Tgt Ion:105 Resp: 28569

Ion Ratio Lower Upper

105 100

120 25.5 20.1 30.1

77 18.7 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 0.674 ug/L

RT: 10.268 min Scan# 2870

Delta R.T. 0.000 min

Lab File: VV028628.D

Acq: 20 Oct 2022 11:14

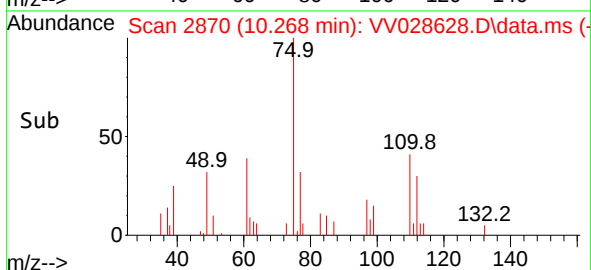
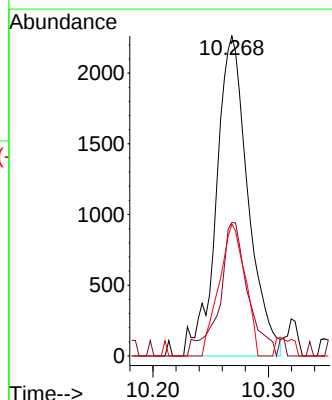
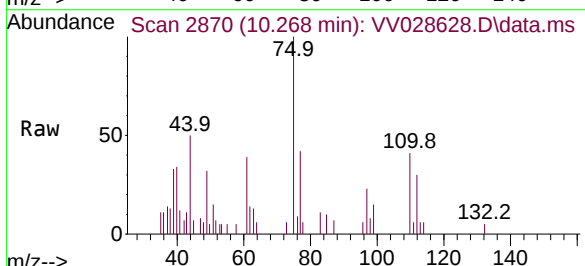
Tgt Ion: 75 Resp: 4309

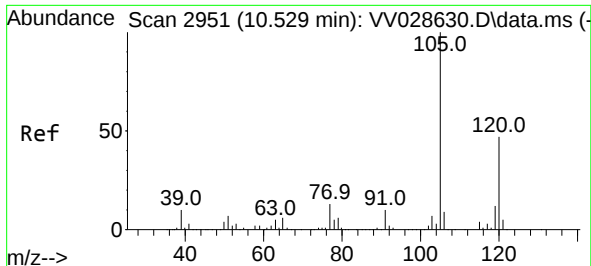
Ion Ratio Lower Upper

75 100

77 37.4 25.2 37.8

110 34.0 27.9 41.9

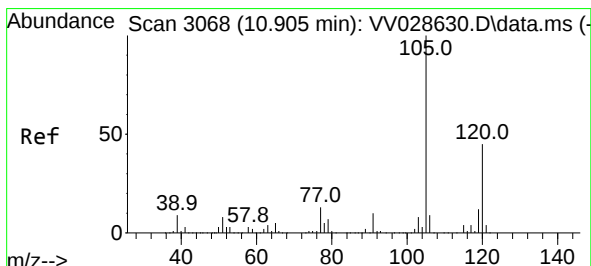
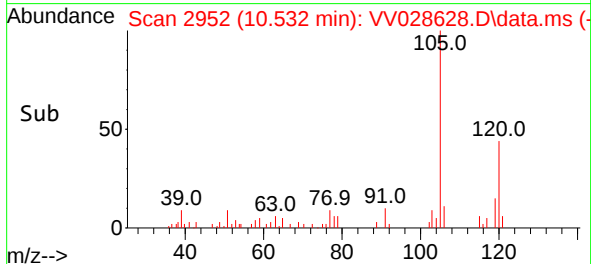
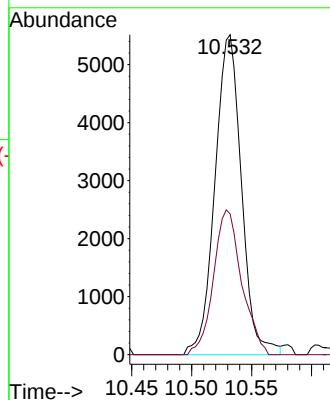
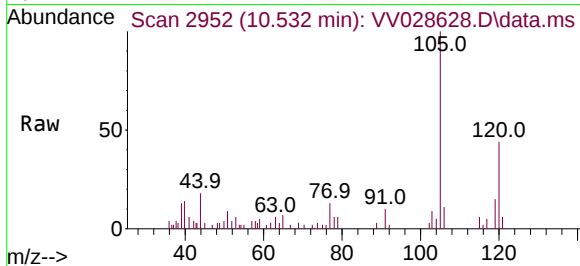




#62
1,3,5-Trimethylbenzene
Concen: 0.551 ug/L
RT: 10.532 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VV028628.D
Acq: 20 Oct 2022 11:14

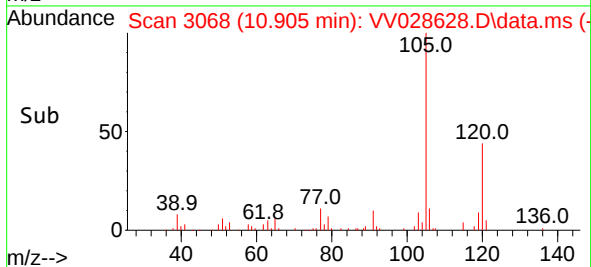
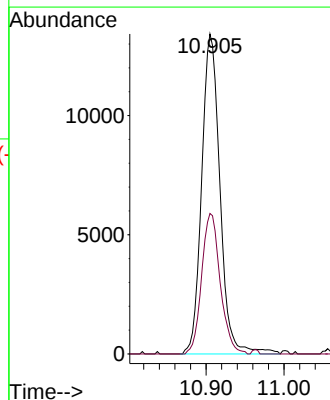
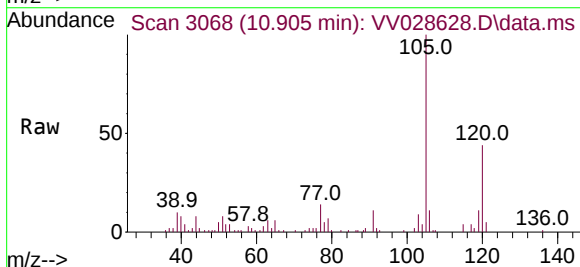
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5264

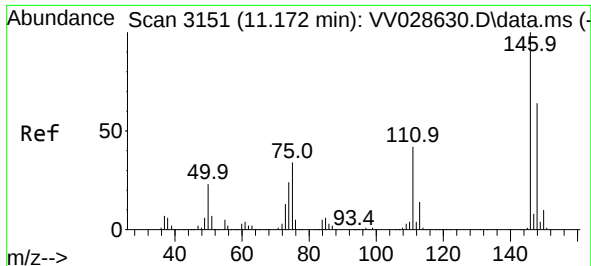
Tgt Ion:105 Resp: 8477
Ion Ratio Lower Upper
105 100
120 48.1 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 0.520 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.000 min
Lab File: VV028628.D
Acq: 20 Oct 2022 11:14

Tgt Ion:105 Resp: 21920
Ion Ratio Lower Upper
105 100
120 44.5 36.2 54.2

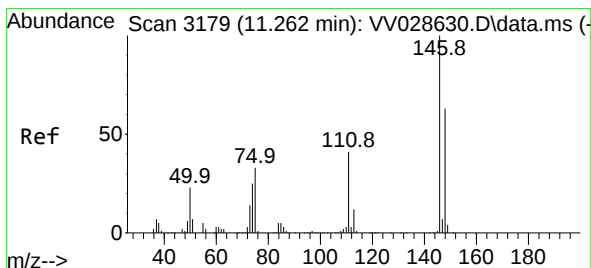
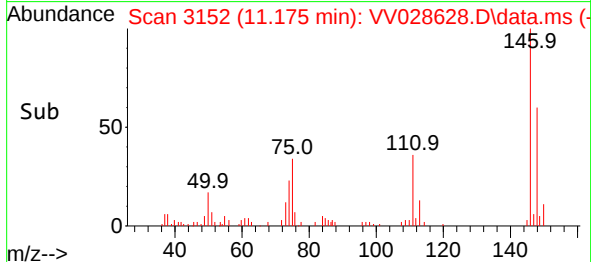
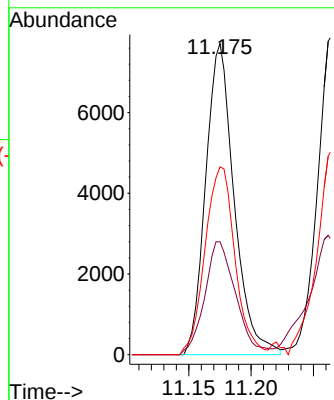
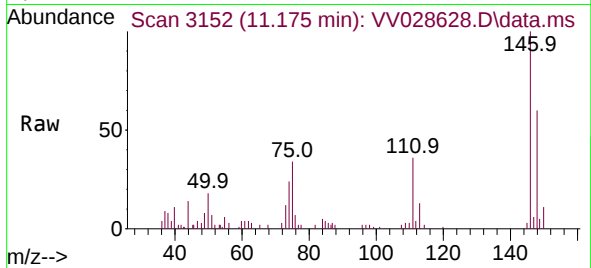




#64
1,3-Dichlorobenzene
Concen: 0.562 ug/L
RT: 11.175 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV028628.D
Acq: 20 Oct 2022 11:14

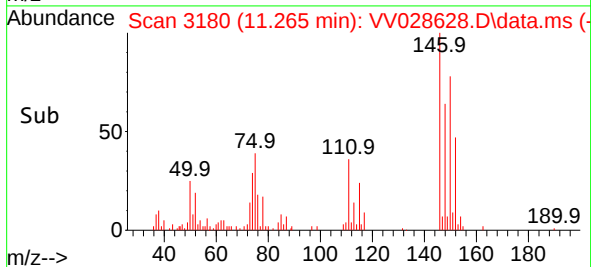
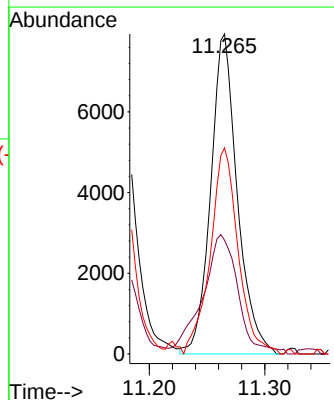
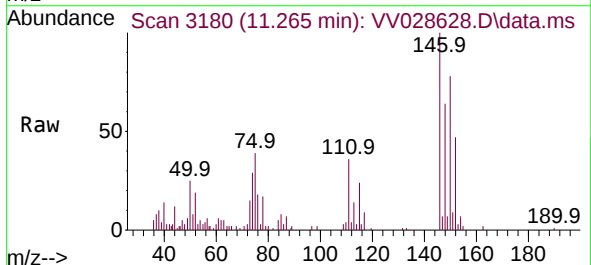
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5264

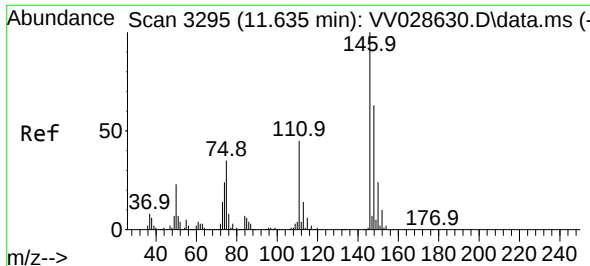
Tgt Ion:146 Resp: 12231
Ion Ratio Lower Upper
146 100
111 36.3 29.0 53.9
148 65.2 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 0.593 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.003 min
Lab File: VV028628.D
Acq: 20 Oct 2022 11:14

Tgt Ion:146 Resp: 12706
Ion Ratio Lower Upper
146 100
111 35.5 28.6 53.2
148 64.4 44.3 82.3

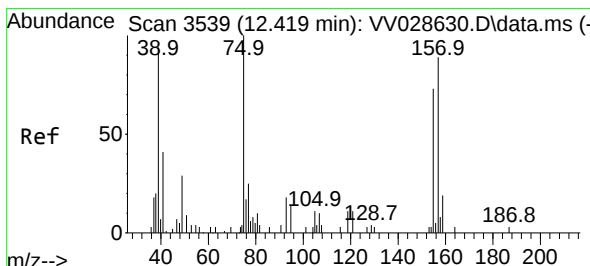
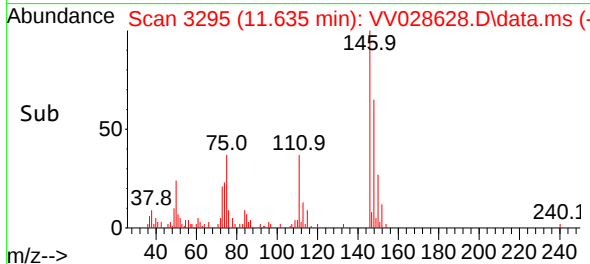
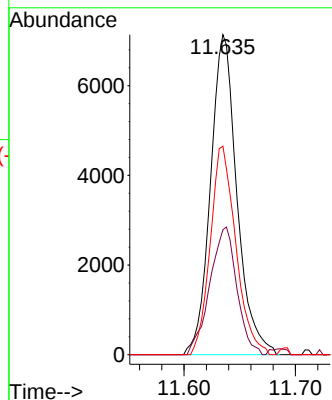
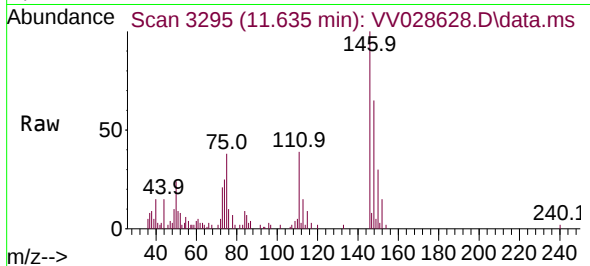




#67
1,2-Dichlorobenzene
Concen: 0.600 ug/L
RT: 11.635 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV028628.D
Acq: 20 Oct 2022 11:14

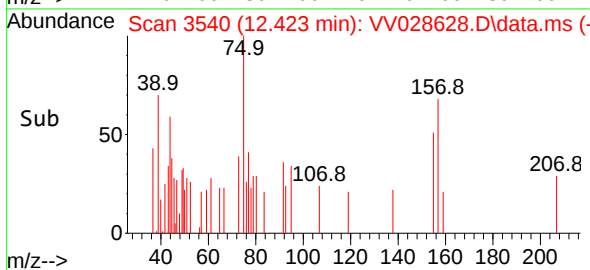
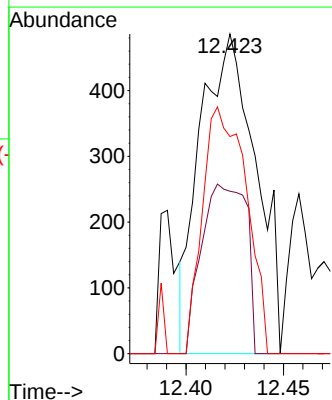
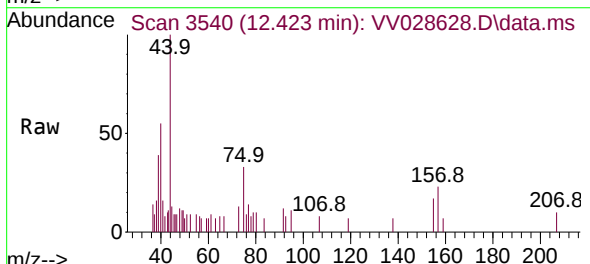
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5264

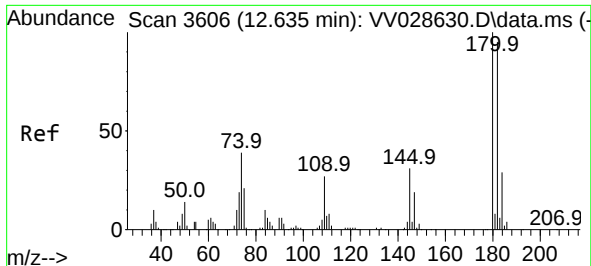
Tgt Ion:146 Resp: 11760
Ion Ratio Lower Upper
146 100
111 39.1 36.2 54.4
148 65.1 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 0.764 ug/L
RT: 12.423 min Scan# 3540
Delta R.T. 0.003 min
Lab File: VV028628.D
Acq: 20 Oct 2022 11:14

Tgt Ion: 75 Resp: 964
Ion Ratio Lower Upper
75 100
155 50.8 58.2 87.2#
157 67.9 71.5 107.3#





#69

1,3,5-Trichlorobenzene

Concen: 0.540 ug/L

RT: 12.638 min Scan# 3606

Delta R.T. 0.003 min

Lab File: VV028628.D

Acq: 20 Oct 2022 11:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5264

Tgt Ion:180 Resp: 8493

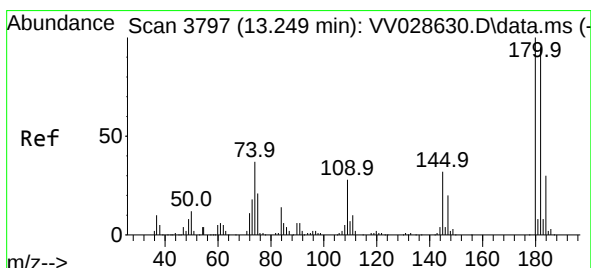
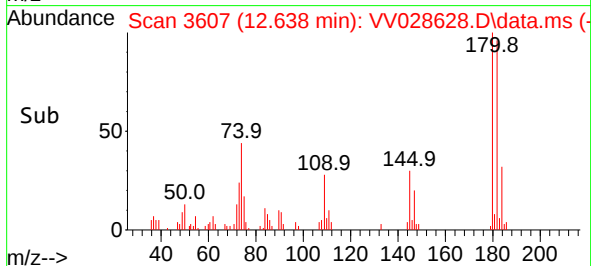
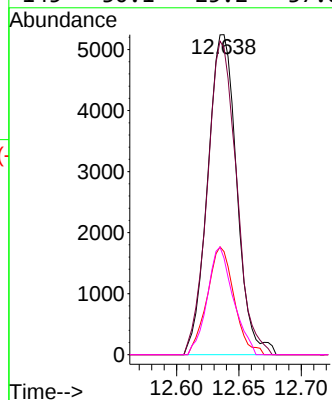
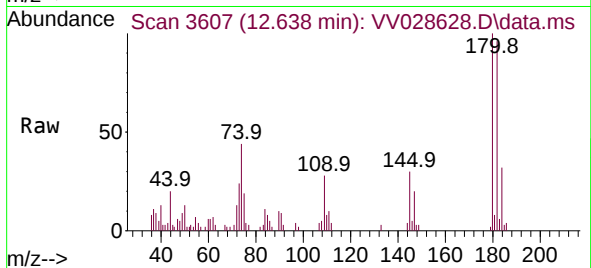
Ion Ratio Lower Upper

180 100

182 98.1 76.6 114.8

184 31.2 24.3 36.5

145 30.1 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 0.563 ug/L

RT: 13.252 min Scan# 3798

Delta R.T. 0.003 min

Lab File: VV028628.D

Acq: 20 Oct 2022 11:14

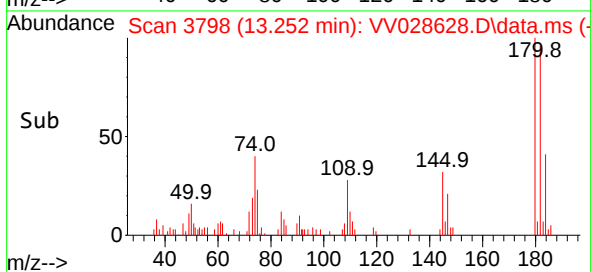
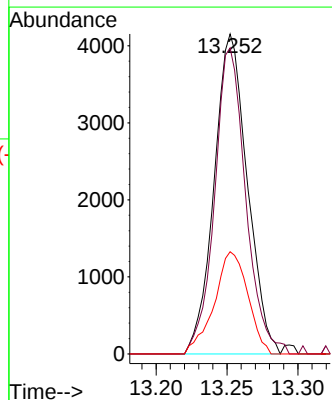
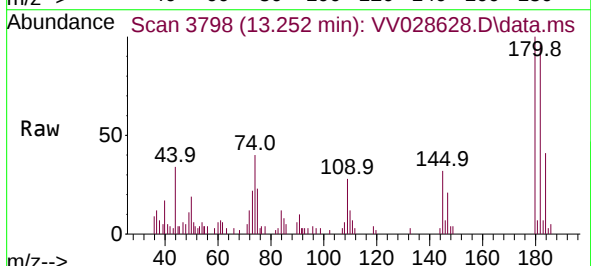
Tgt Ion:180 Resp: 6770

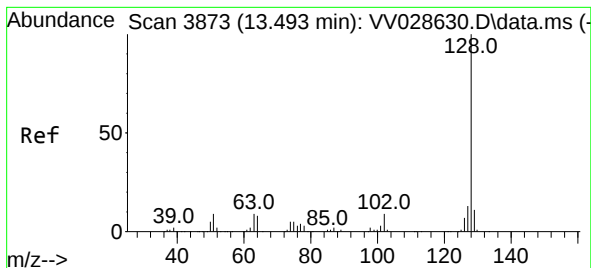
Ion Ratio Lower Upper

180 100

182 89.7 74.7 112.1

145 32.3 25.5 38.3





#71

Naphthalene

Concen: 0.831 ug/L

RT: 13.493 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV028628.D

Acq: 20 Oct 2022 11:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5264

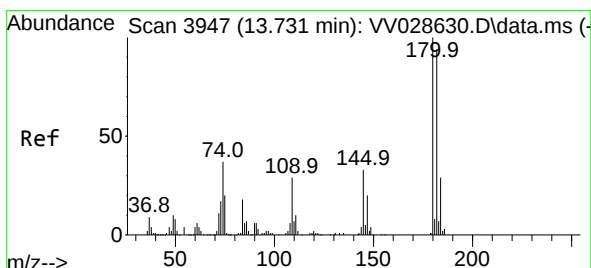
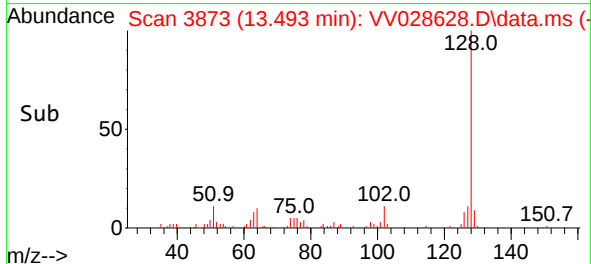
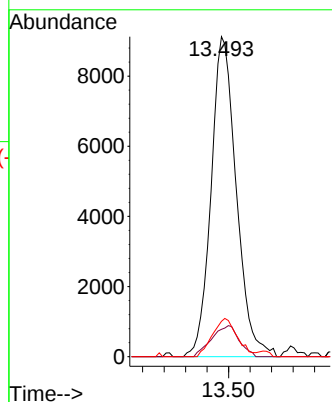
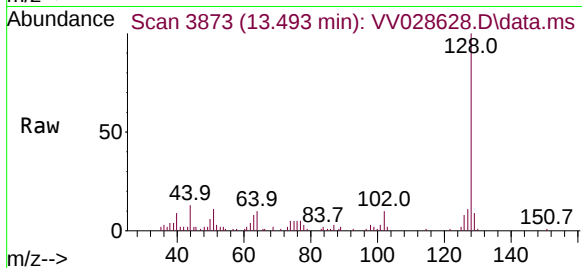
Tgt Ion:128 Resp: 14869

Ion Ratio Lower Upper

128 100

129 10.6 8.9 13.3

127 11.8 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 0.597 ug/L

RT: 13.734 min Scan# 3948

Delta R.T. 0.003 min

Lab File: VV028628.D

Acq: 20 Oct 2022 11:14

Tgt Ion:180 Resp: 5989

Ion Ratio Lower Upper

180 100

182 96.9 73.4 110.0

145 32.3 26.3 39.5

