

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111122\
 Data File : VW028879.D
 Acq On : 11 Nov 2022 15:59
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005341

Quant Time: Nov 11 22:21:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 11 22:15:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	315156	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	272250	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	147760	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	95260	4.958	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.200%
7) Chloroethane-d5	1.565	69	83960	4.971	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.105	63	172470	4.926	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.600%
20) 2-Butanone-d5	3.899	46	154591	48.066	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.140%
24) Chloroform-d	4.343	84	200121	5.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.031	65	88995	5.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.047	84	432245	5.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.400%
36) 1,2-Dichloropropane-d6	6.066	67	119508	5.267	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.400%
41) Toluene-d8	7.310	98	403376	5.514	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.200%
43) trans-1,3-Dichloroprop...	7.619	79	40339	5.451	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.000%
46) 2-Hexanone-d5	8.085	63	173452	54.906	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.820%
56) 1,1,2,2-Tetrachloroeth...	10.211	84	82095	5.218	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.616	152	136951	5.181	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	132667	5.050	ug/L	97
3) Chloromethane	1.237	50	105945	4.859	ug/L	99
5) Vinyl chloride	1.307	62	123718	4.974	ug/L	99
6) Bromomethane	1.520	94	75674	5.091	ug/L	94
8) Chloroethane	1.584	64	70054	4.793	ug/L	99
9) Trichlorofluoromethane	1.751	101	168382	5.021	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	94575	4.981	ug/L	97
12) 1,1-Dichloroethene	2.114	96	95070	4.983	ug/L	95
13) Acetone	2.192	43	84111	40.655	ug/L	99
14) Carbon disulfide	2.291	76	339244	5.007	ug/L	98
15) Methyl Acetate	2.439	43	29982	5.971	ug/L #	85
16) Methylene chloride	2.503	84	163589	6.631	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	215184	5.261	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	113263	5.119	ug/L	96
19) 1,1-Dichloroethane	3.185	63	185598	5.131	ug/L	99
21) 2-Butanone	3.982	43	133903	41.804	ug/L	86
22) cis-1,2-Dichloroethene	3.905	96	117343	5.216	ug/L	100
23) Bromochloromethane	4.243	128	48370	5.084	ug/L	93
25) Chloroform	4.372	83	194275	5.123	ug/L	97

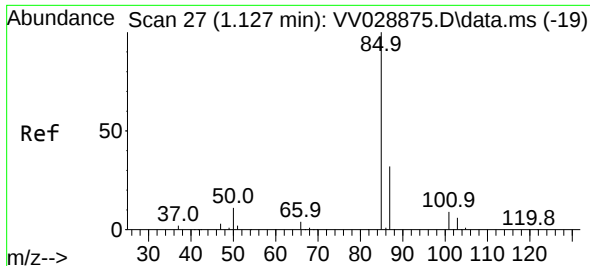
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	102911	5.269	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	168100	5.262	ug/L	98
30) Cyclohexane	4.671	56	177264	5.459	ug/L	98
31) Carbon tetrachloride	4.822	117	144030	5.235	ug/L	100
33) Benzene	5.095	78	446962	5.372	ug/L	100
34) Trichloroethene	5.912	95	113889	5.347	ug/L	98
35) Methylcyclohexane	6.127	83	201413	5.381	ug/L	99
37) 1,2-Dichloropropane	6.169	63	98248	5.121	ug/L	99
38) Bromodichloromethane	6.506	83	127812	5.261	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	145489	5.432	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	467376	56.623	ug/L	99
42) Toluene	7.381	91	487077	5.419	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	114520	5.508	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	71278	5.676	ug/L	96
47) Tetrachloroethene	7.969	164	90688	5.318	ug/L	98
48) 2-Hexanone	8.137	43	320478	55.427	ug/L	99
49) Dibromochloromethane	8.240	129	80408	5.296	ug/L	98
50) 1,2-Dibromoethane	8.349	107	62918	5.393	ug/L	97
51) Chlorobenzene	8.876	112	292782	5.269	ug/L	100
52) Ethylbenzene	9.005	91	495459	5.295	ug/L	99
53) m,p-Xylene	9.130	106	193434	5.198	ug/L	98
54) o-Xylene	9.535	106	189886	5.368	ug/L	98
55) Styrene	9.555	104	323240	5.448	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	77500	5.294	ug/L	98
59) Bromoform	9.725	173	42748	5.307	ug/L	99
60) Isopropylbenzene	9.924	105	508691	5.304	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	53744	5.322	ug/L	97
62) 1,3,5-Trimethylbenzene	10.532	105	430832	5.303	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	436544	5.364	ug/L	98
64) 1,3-Dichlorobenzene	11.175	146	240238	5.331	ug/L	100
65) 1,4-Dichlorobenzene	11.265	146	238028	5.254	ug/L	97
67) 1,2-Dichlorobenzene	11.635	146	212394	5.246	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.419	75	10781	5.426	ug/L	88
69) 1,3,5-Trichlorobenzene	12.635	180	185002	5.321	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	148138	5.633	ug/L	98
71) Naphthalene	13.493	128	205455	6.055	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	126022	5.658	ug/L	99

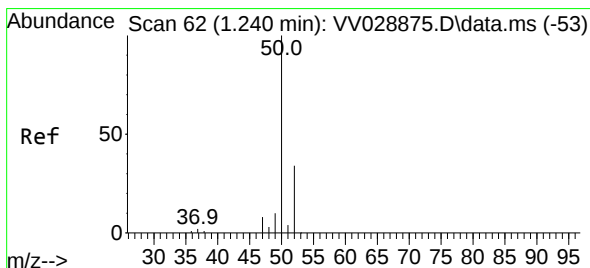
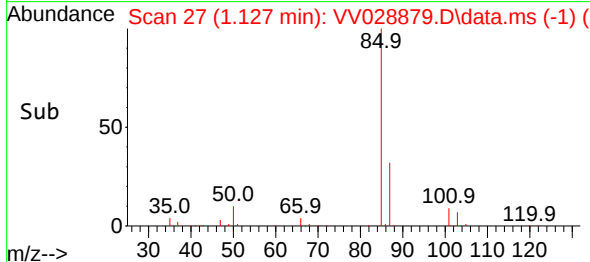
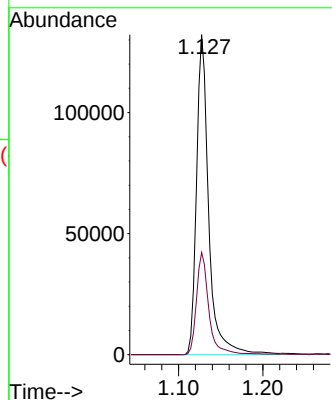
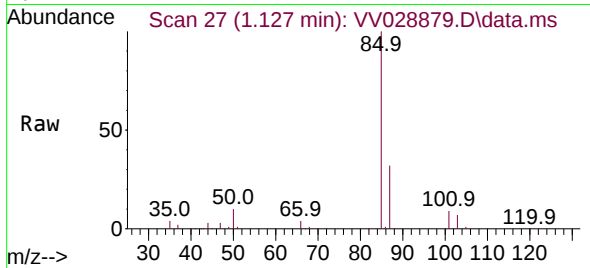
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#2
 Dichlorodifluoromethane
 Concen: 5.050 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV028879.D
 Acq: 11 Nov 2022 15:59

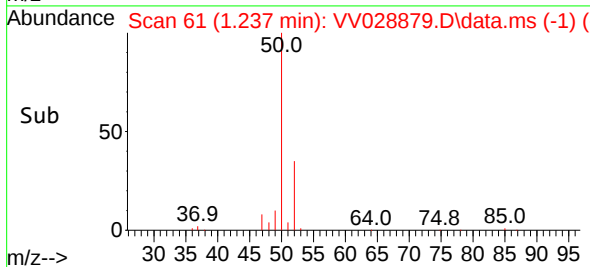
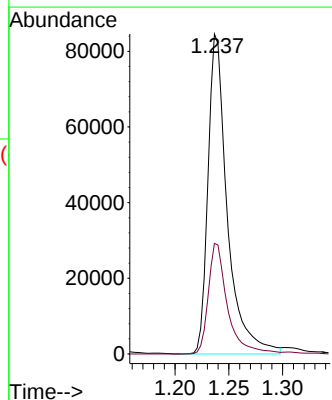
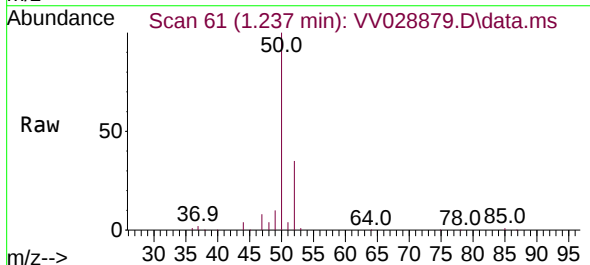
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005341

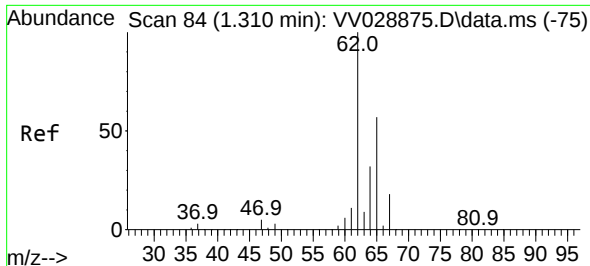
Tgt Ion: 85 Resp: 132667
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.0 37.4



#3
 Chloromethane
 Concen: 4.859 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV028879.D
 Acq: 11 Nov 2022 15:59

Tgt Ion: 50 Resp: 105945
 Ion Ratio Lower Upper
 50 100
 52 34.6 23.7 43.9

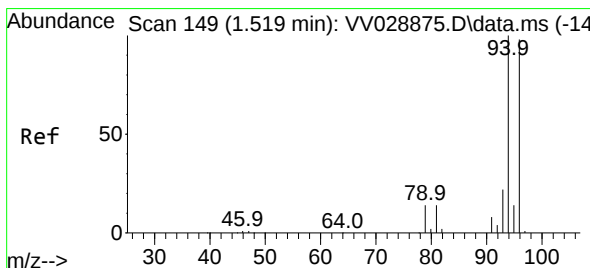
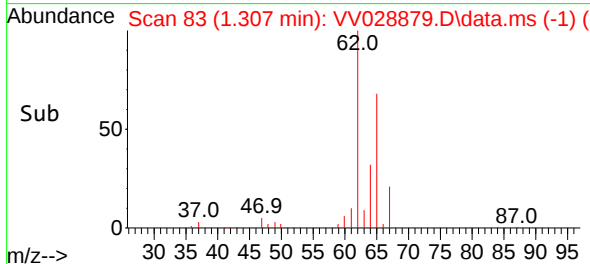
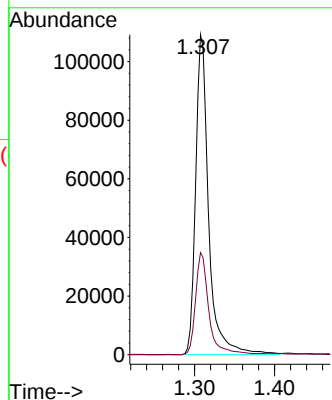
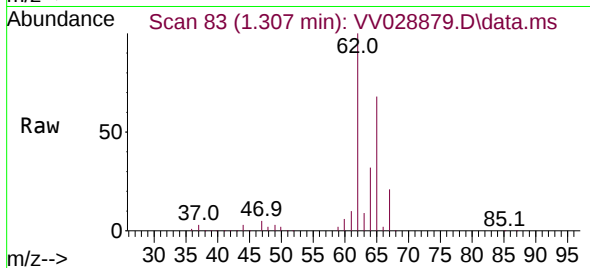




#5
 Vinyl chloride
 Concen: 4.974 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV028879.D
 Acq: 11 Nov 2022 15:59

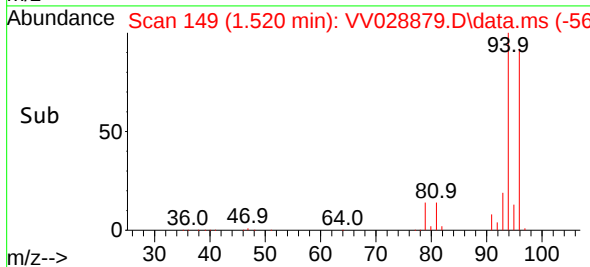
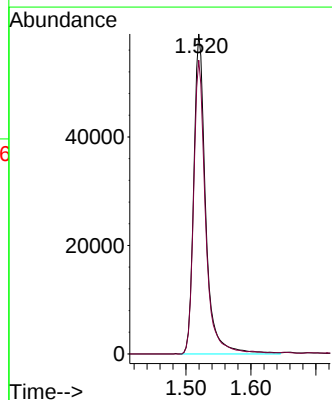
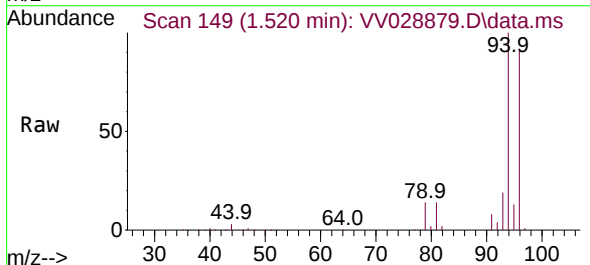
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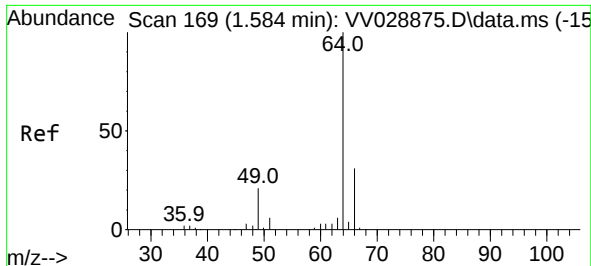
Tgt Ion: 62 Resp: 123718
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.8 42.4



#6
 Bromomethane
 Concen: 5.091 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV028879.D
 Acq: 11 Nov 2022 15:59

Tgt Ion: 94 Resp: 75674
 Ion Ratio Lower Upper
 94 100
 96 91.8 68.5 127.3

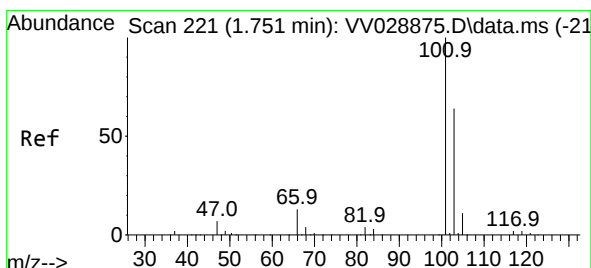
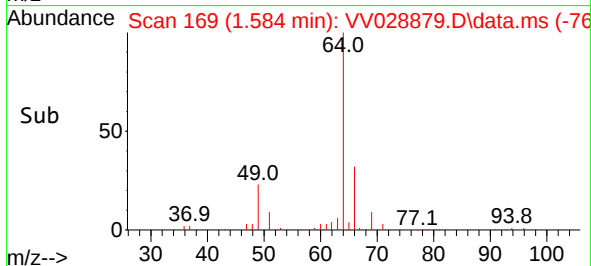
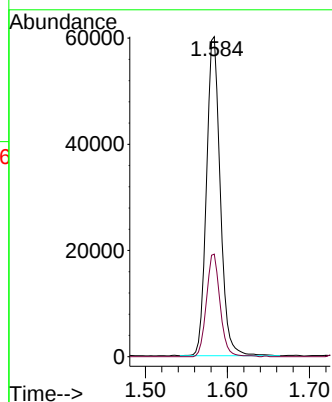
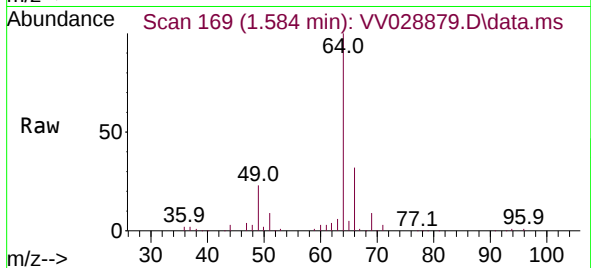




#8
Chloroethane
Concen: 4.793 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV028879.D
Acq: 11 Nov 2022 15:59

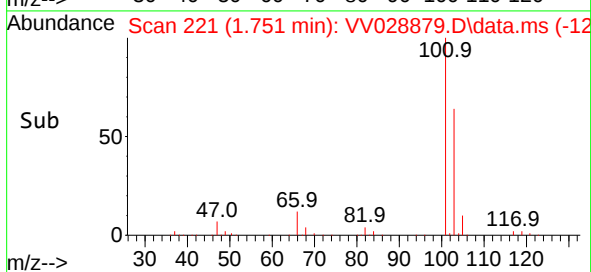
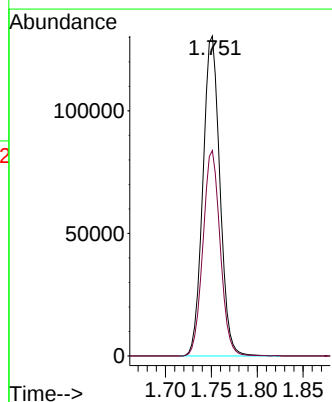
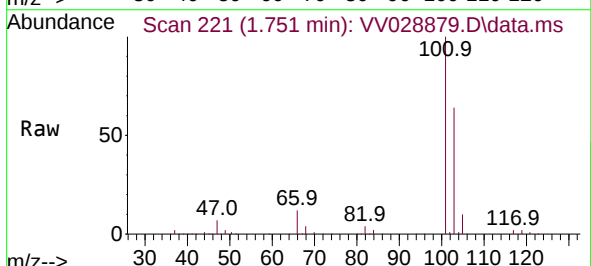
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ClientSampleId :
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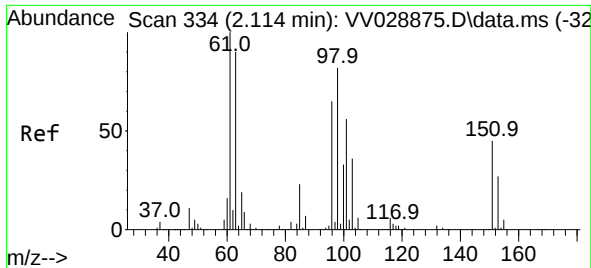
Tgt Ion: 64 Resp: 70054
Ion Ratio Lower Upper
64 100
66 32.0 22.0 40.8



#9
Trichlorofluoromethane
Concen: 5.021 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV028879.D
Acq: 11 Nov 2022 15:59

Tgt Ion:101 Resp: 168382
Ion Ratio Lower Upper
101 100
103 65.0 51.3 76.9

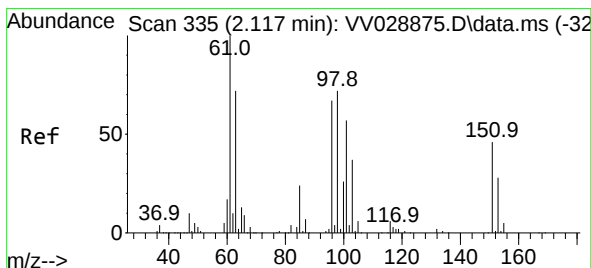
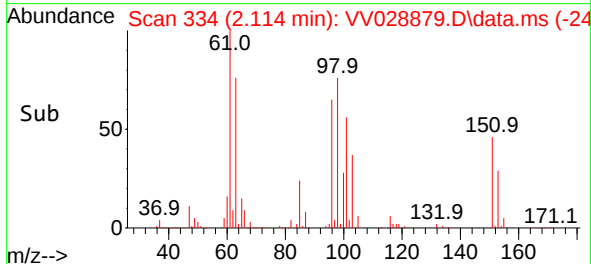
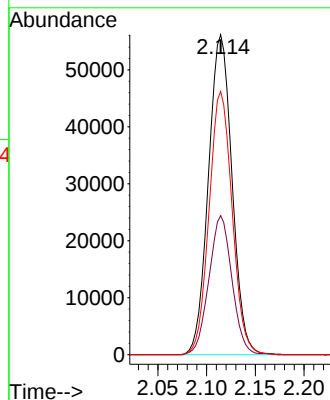
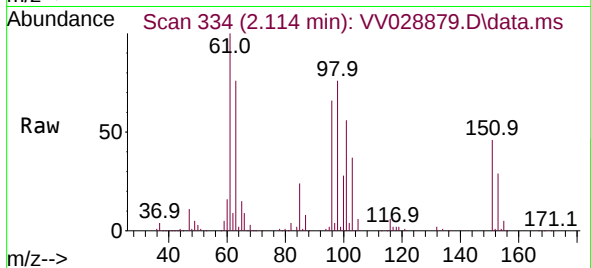




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.981 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV028879.D
 Acq: 11 Nov 2022 15:59

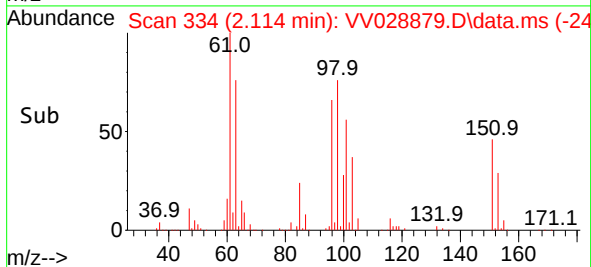
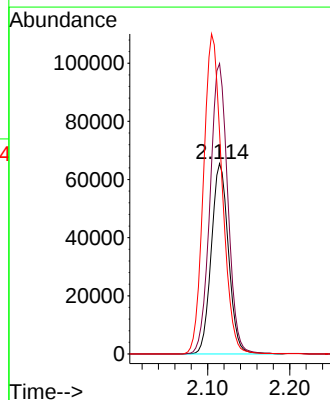
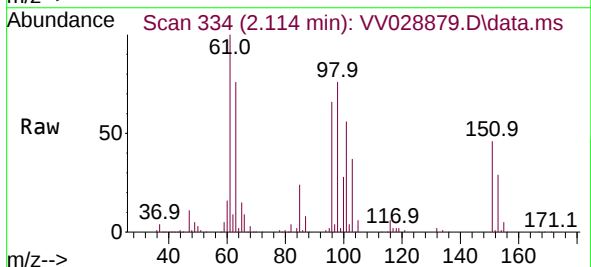
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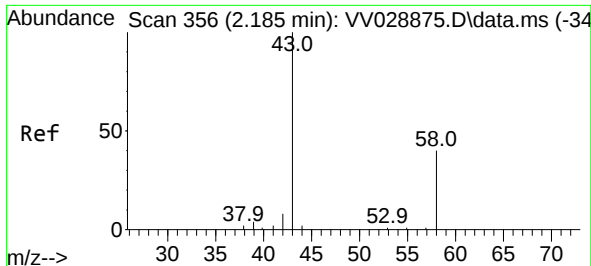
Tgt Ion:101 Resp: 94575
 Ion Ratio Lower Upper
 101 100
 85 42.5 32.9 49.3
 151 80.5 62.5 93.7



#12
 1,1-Dichloroethene
 Concen: 4.983 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV028879.D
 Acq: 11 Nov 2022 15:59

Tgt Ion: 96 Resp: 95070
 Ion Ratio Lower Upper
 96 100
 61 152.6 104.2 193.4
 63 116.3 75.9 140.9





#13

Acetone

Concen: 40.655 ug/L

RT: 2.192 min Scan# 358

Delta R.T. 0.007 min

Lab File: VV028879.D

Acq: 11 Nov 2022 15:59

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ClientSampleId :

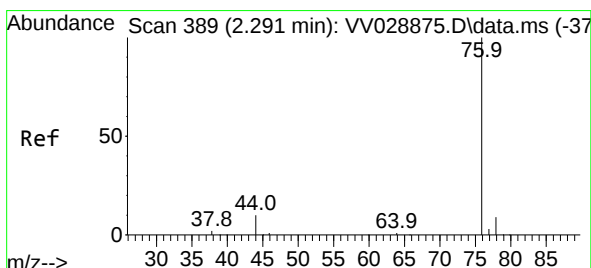
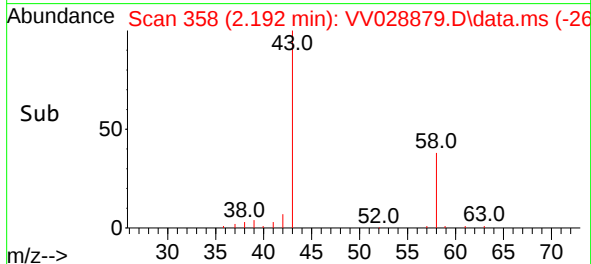
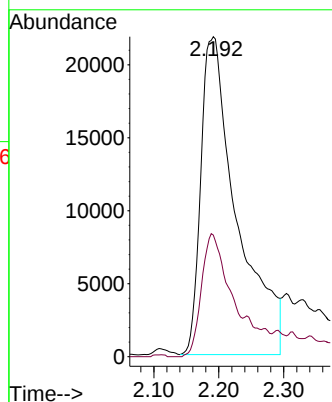
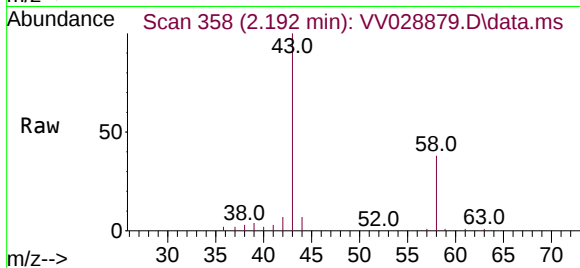
VSTD005341

Tgt Ion: 43 Resp: 84111

Ion Ratio Lower Upper

43 100

58 29.1 0.0 56.6



#14

Carbon disulfide

Concen: 5.007 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.000 min

Lab File: VV028879.D

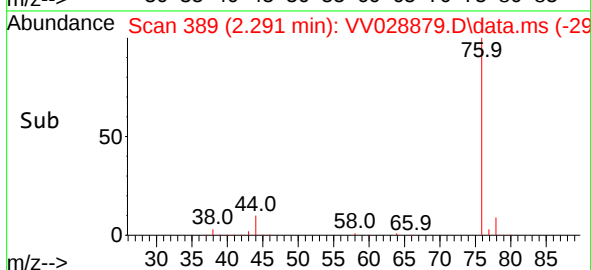
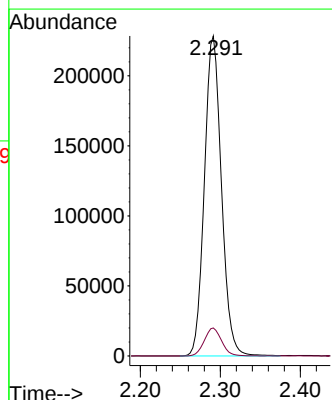
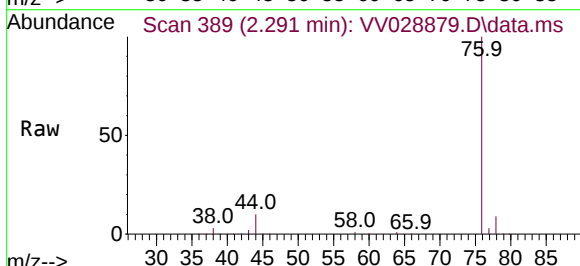
Acq: 11 Nov 2022 15:59

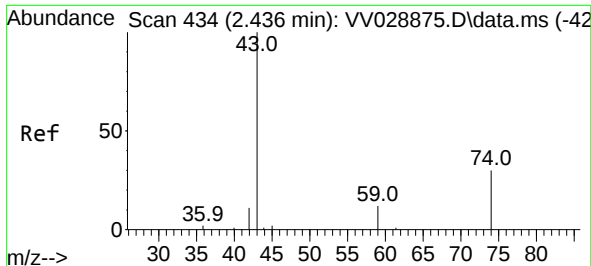
Tgt Ion: 76 Resp: 339244

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2

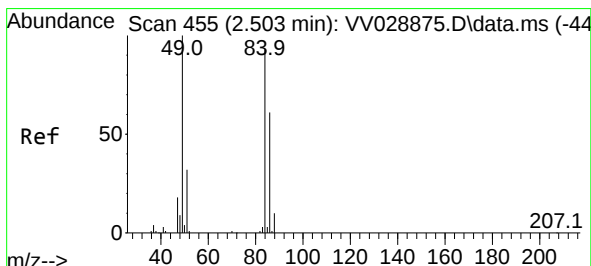
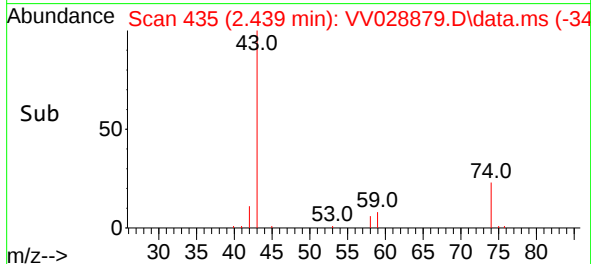
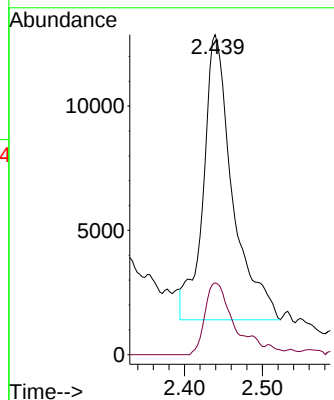
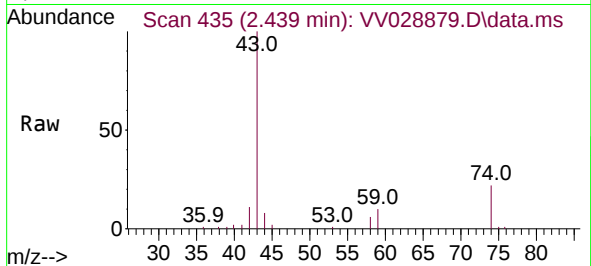




#15
Methyl Acetate
Concen: 5.971 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028879.D
Acq: 11 Nov 2022 15:59

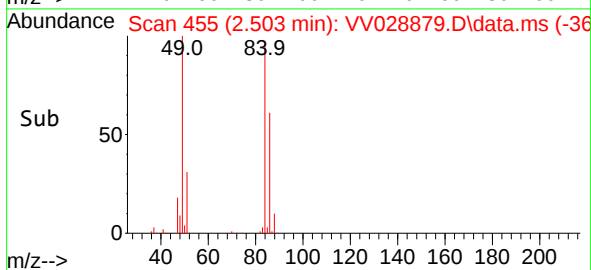
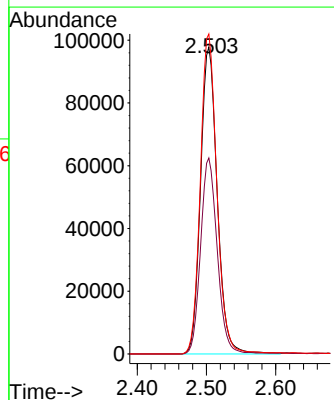
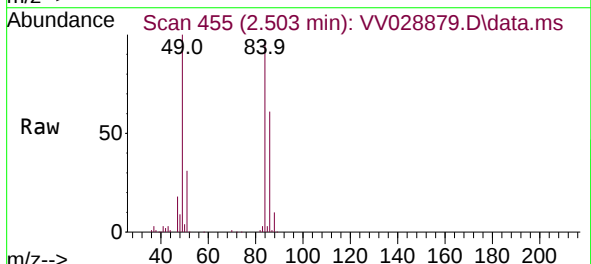
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

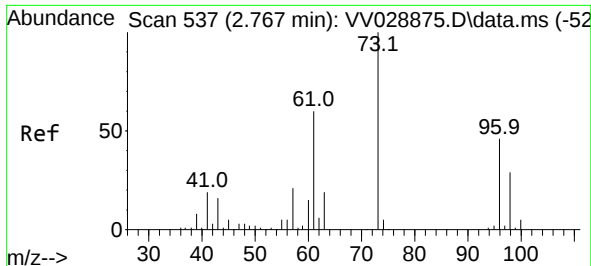
Tgt Ion: 43 Resp: 29982
Ion Ratio Lower Upper
43 100
74 22.3 24.6 37.0#



#16
Methylene chloride
Concen: 6.631 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV028879.D
Acq: 11 Nov 2022 15:59

Tgt Ion: 84 Resp: 163589
Ion Ratio Lower Upper
84 100
86 63.9 45.8 85.0
49 104.3 75.5 140.1





#17

Methyl tert-butyl Ether

Concen: 5.261 ug/L

RT: 2.764 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV028879.D

Acq: 11 Nov 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005341

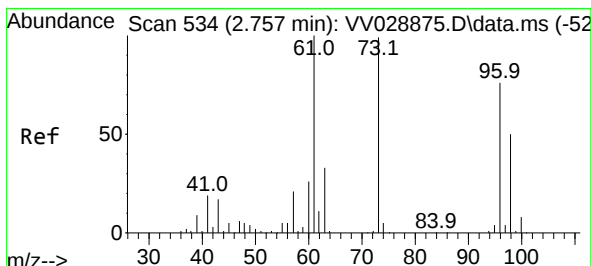
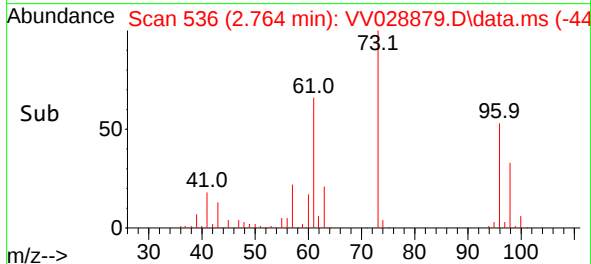
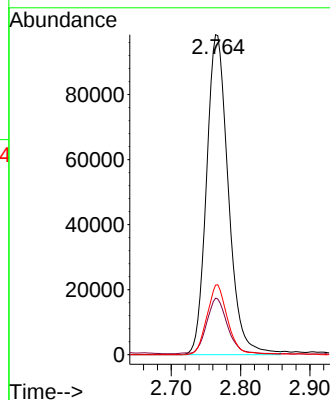
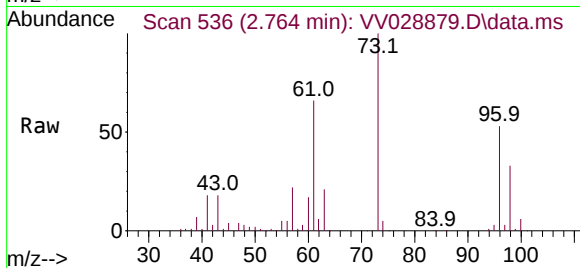
Tgt Ion: 73 Resp: 215184

Ion Ratio Lower Upper

73 100

43 16.4 13.0 19.4

57 20.6 16.6 24.8



#18

trans-1,2-Dichloroethene

Concen: 5.119 ug/L

RT: 2.757 min Scan# 534

Delta R.T. 0.000 min

Lab File: VV028879.D

Acq: 11 Nov 2022 15:59

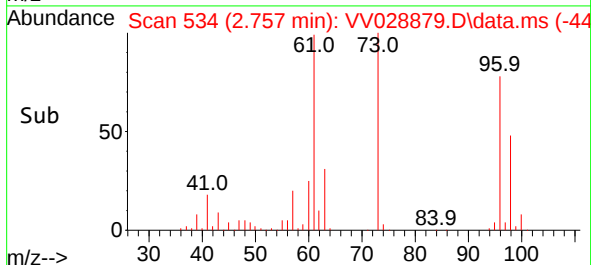
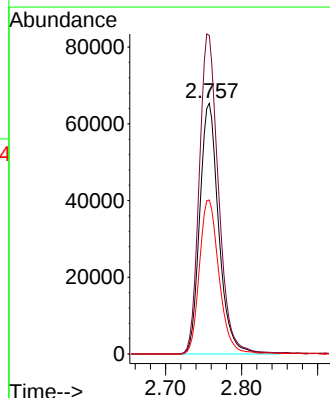
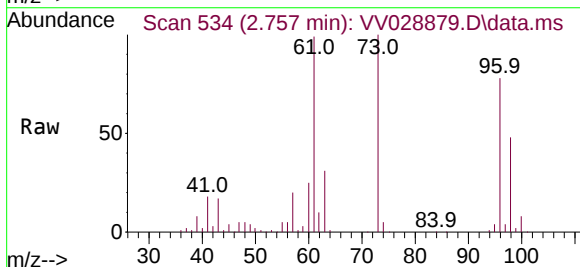
Tgt Ion: 96 Resp: 113263

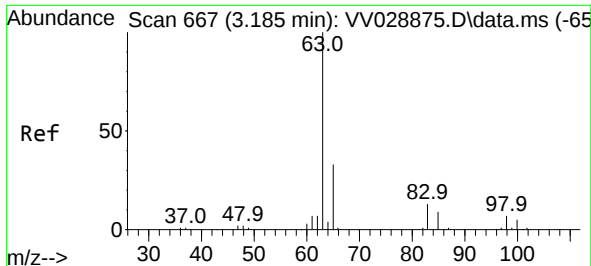
Ion Ratio Lower Upper

96 100

61 127.0 91.8 170.6

98 61.4 46.4 86.2





#19

1,1-Dichloroethane

Concen: 5.131 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV028879.D

Acq: 11 Nov 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005341

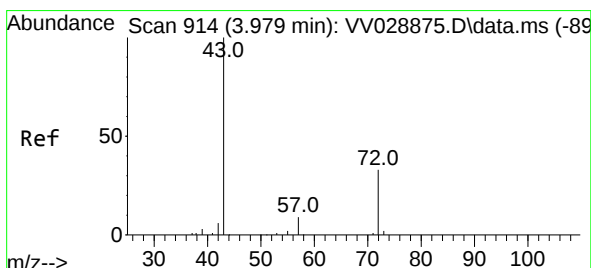
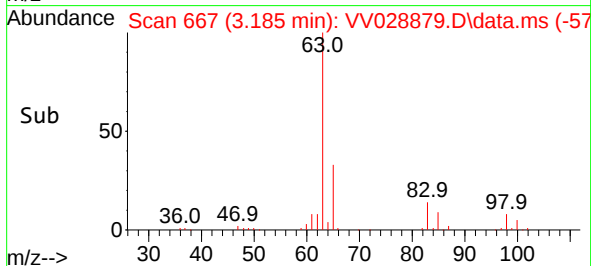
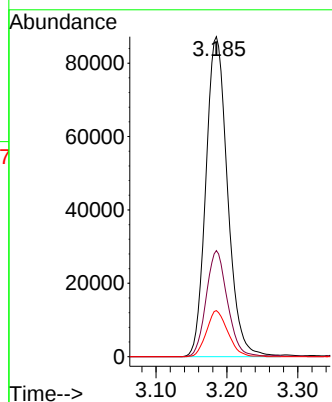
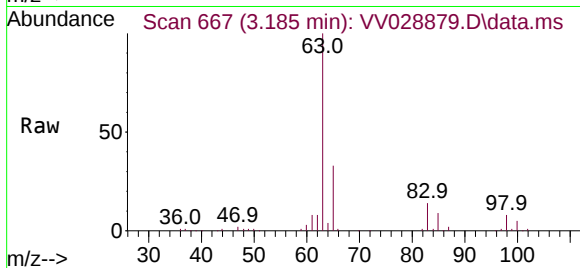
Tgt Ion: 63 Resp: 185598

Ion Ratio Lower Upper

63 100

65 33.2 23.0 42.6

83 14.4 9.4 17.6



#21

2-Butanone

Concen: 41.804 ug/L

RT: 3.982 min Scan# 915

Delta R.T. 0.003 min

Lab File: VV028879.D

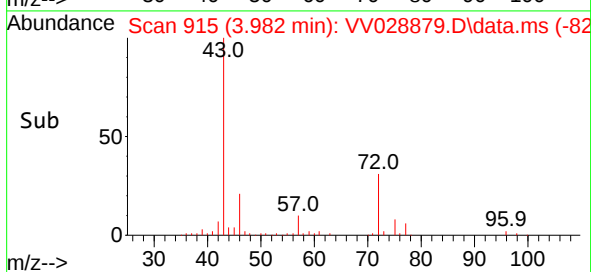
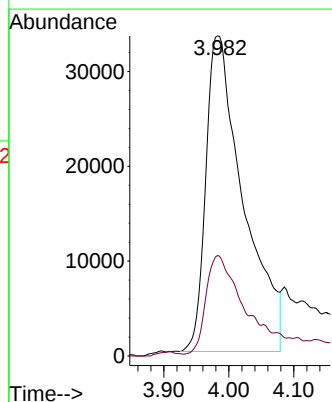
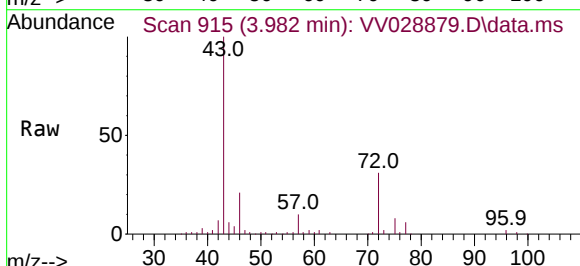
Acq: 11 Nov 2022 15:59

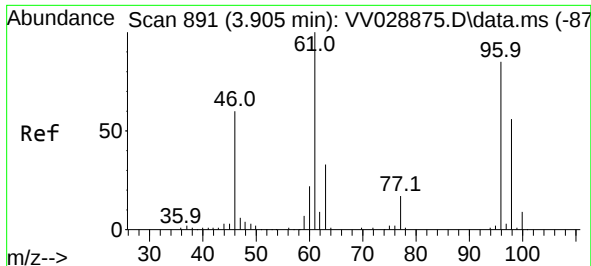
Tgt Ion: 43 Resp: 133903

Ion Ratio Lower Upper

43 100

72 30.9 11.9 35.9





#22

cis-1,2-Dichloroethene

Concen: 5.216 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.000 min

Lab File: VV028879.D

Acq: 11 Nov 2022 15:59

Instrument :

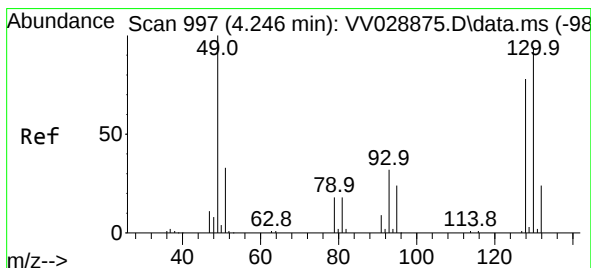
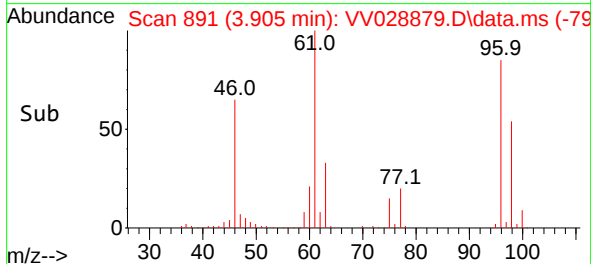
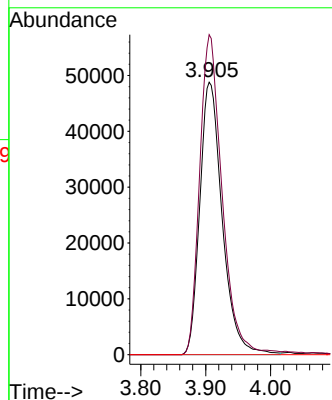
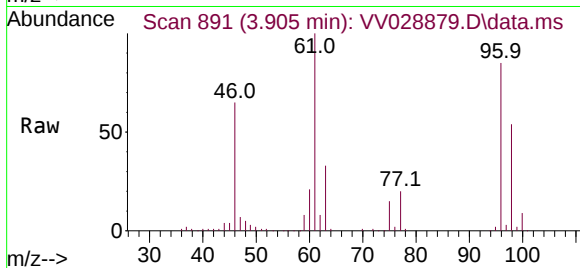
MSVOA_V

ClientSampleId :

VSTD005341

Tgt Ion: 96 Resp: 117343

Ion	Ratio	Lower	Upper
96	100		
61	117.4	82.3	152.9
68	0.0	0.0	0.0



#23

Bromochloromethane

Concen: 5.084 ug/L

RT: 4.243 min Scan# 996

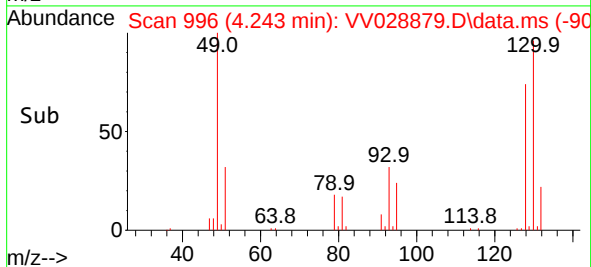
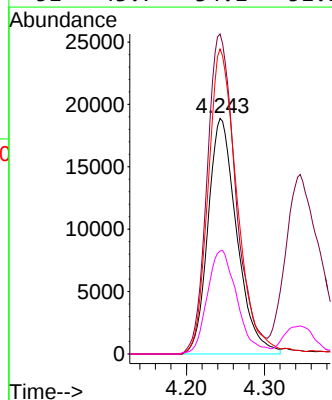
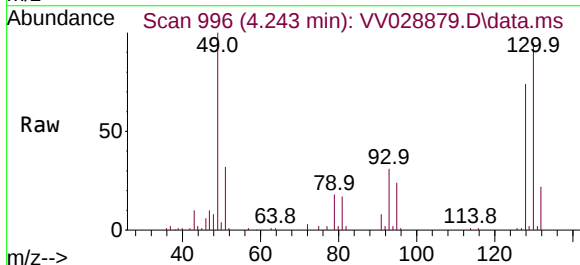
Delta R.T. -0.003 min

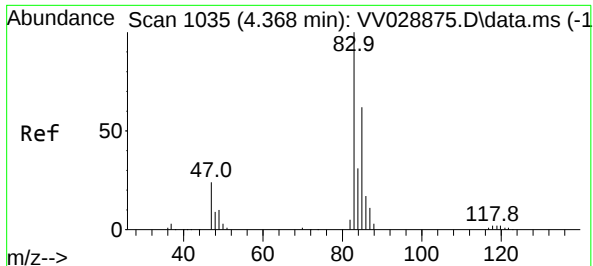
Lab File: VV028879.D

Acq: 11 Nov 2022 15:59

Tgt Ion: 128 Resp: 48370

Ion	Ratio	Lower	Upper
128	100		
49	135.8	89.5	166.1
130	129.5	84.4	156.8
51	43.7	34.1	51.1





#25

Chloroform

Concen: 5.123 ug/L

RT: 4.372 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV028879.D

Acq: 11 Nov 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

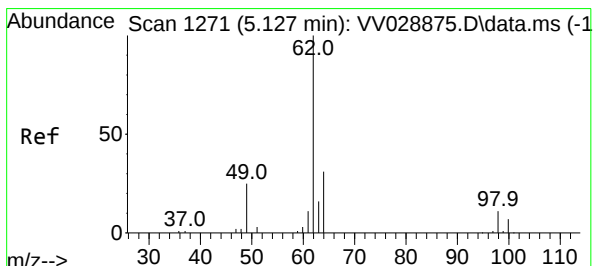
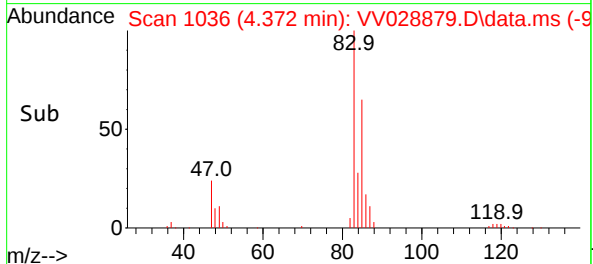
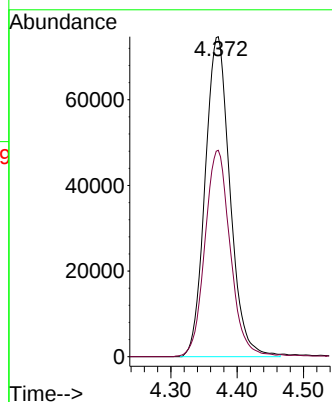
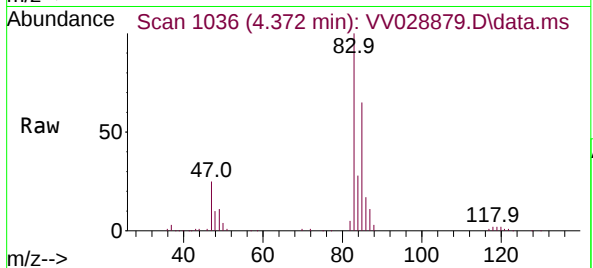
VSTD005341

Tgt Ion: 83 Resp: 194275

Ion Ratio Lower Upper

83 100

85 64.5 43.7 81.1



#27

1,2-Dichloroethane

Concen: 5.269 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV028879.D

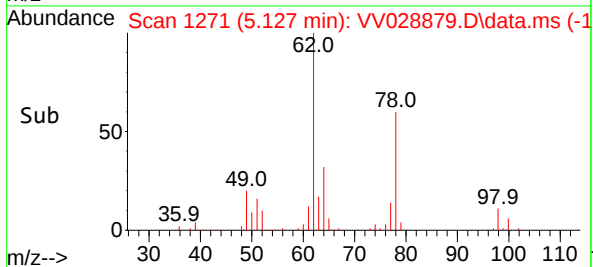
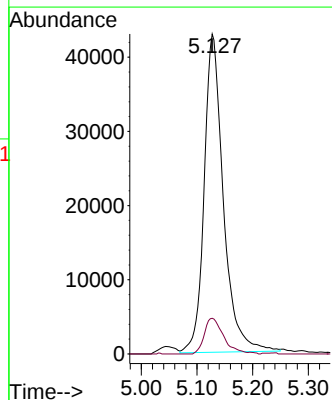
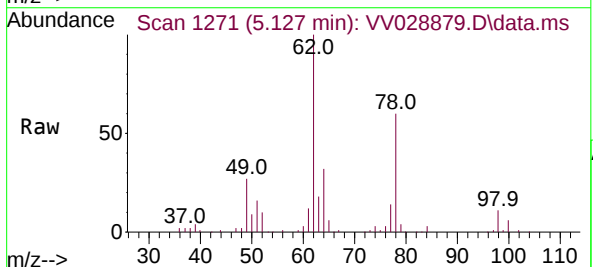
Acq: 11 Nov 2022 15:59

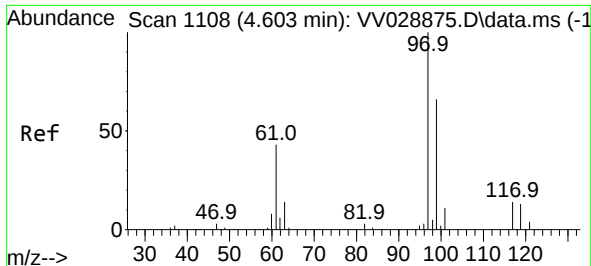
Tgt Ion: 62 Resp: 102911

Ion Ratio Lower Upper

62 100

98 11.1 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 5.262 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV028879.D

Acq: 11 Nov 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005341

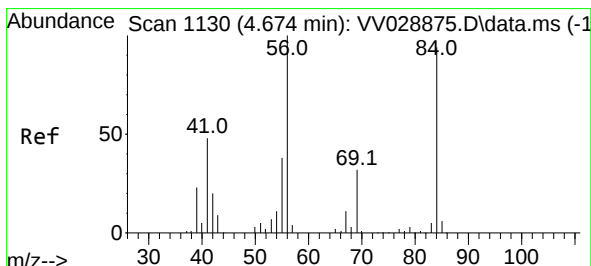
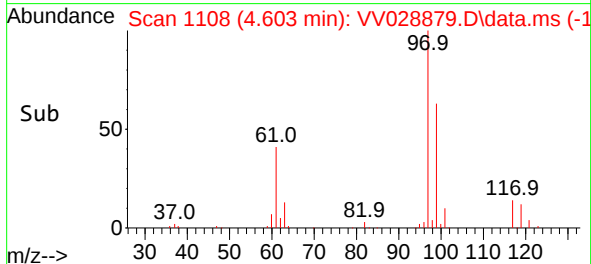
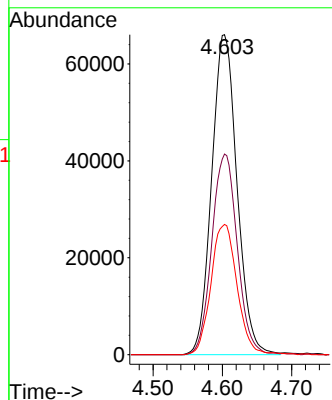
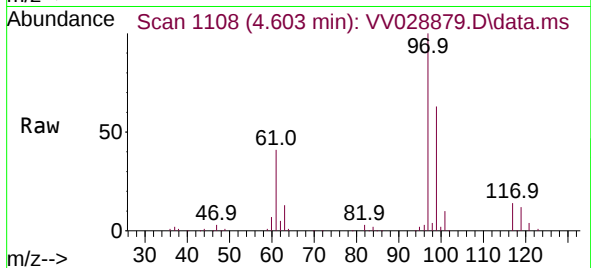
Tgt Ion: 97 Resp: 168100

Ion Ratio Lower Upper

97 100

99 63.1 52.7 79.1

61 42.0 33.8 50.6



#30

Cyclohexane

Concen: 5.459 ug/L

RT: 4.671 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VV028879.D

Acq: 11 Nov 2022 15:59

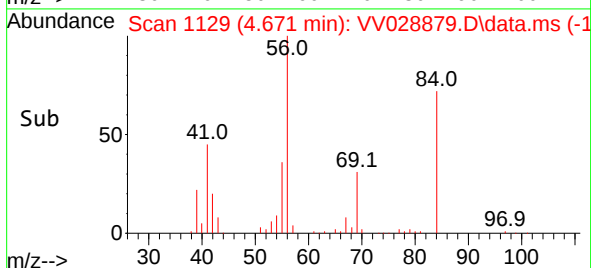
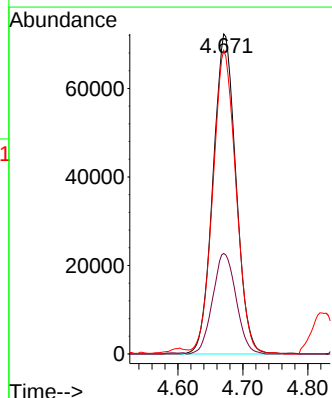
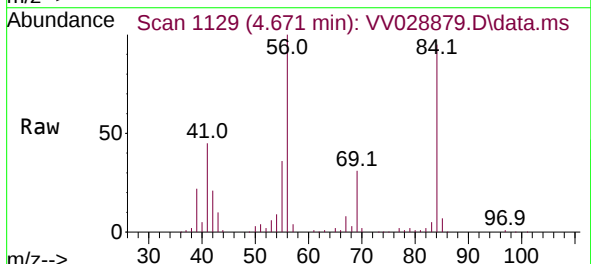
Tgt Ion: 56 Resp: 177264

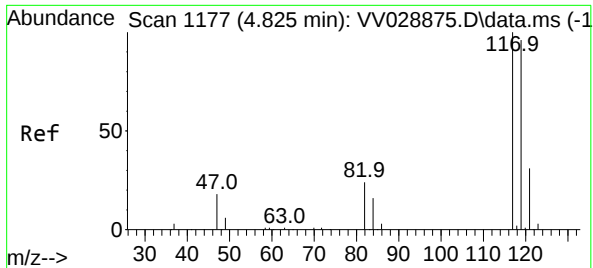
Ion Ratio Lower Upper

56 100

69 32.1 26.1 39.1

84 94.9 77.9 116.9

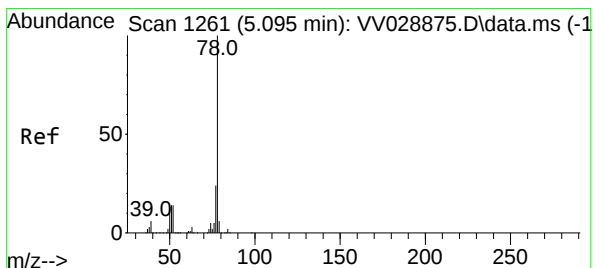
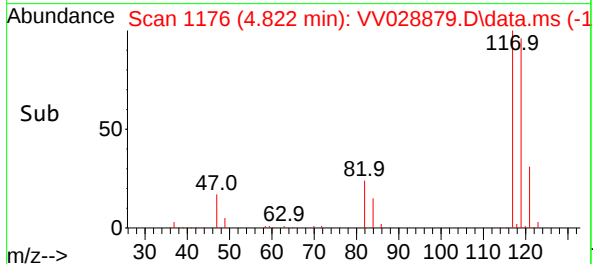
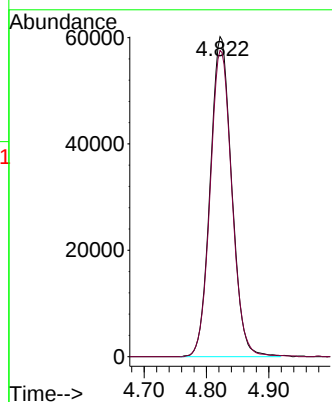
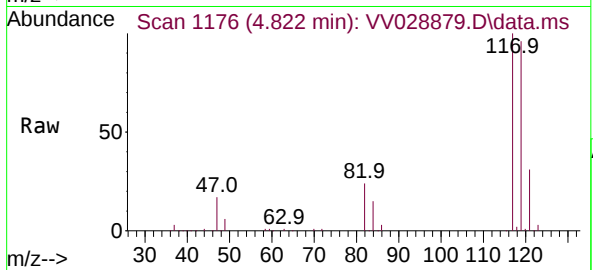




#31
Carbon tetrachloride
Concen: 5.235 ug/L
RT: 4.822 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV028879.D
Acq: 11 Nov 2022 15:59

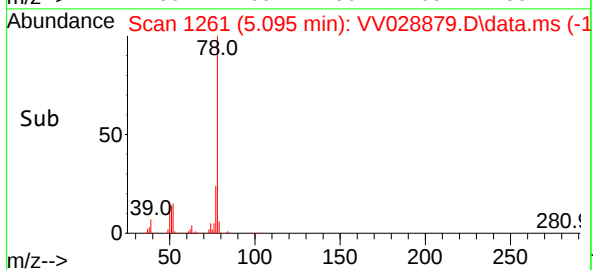
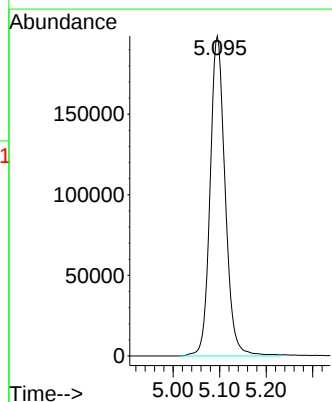
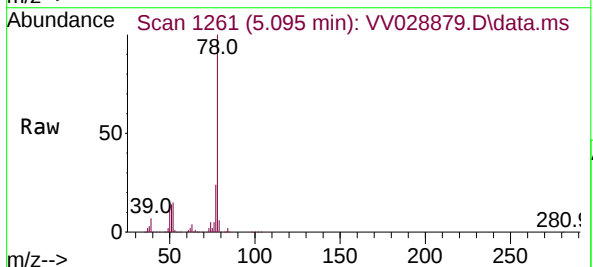
Instrument : MSVOA_V
ClientSampleId : VSTD005341

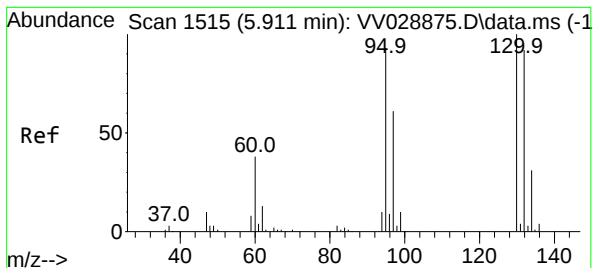
Tgt Ion:117 Resp: 144030
Ion Ratio Lower Upper
117 100
119 96.8 77.0 115.6



#33
Benzene
Concen: 5.372 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV028879.D
Acq: 11 Nov 2022 15:59

Tgt Ion: 78 Resp: 446962





#34

Trichloroethene

Concen: 5.347 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VV028879.D

Acq: 11 Nov 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005341

Tgt Ion: 95 Resp: 113889

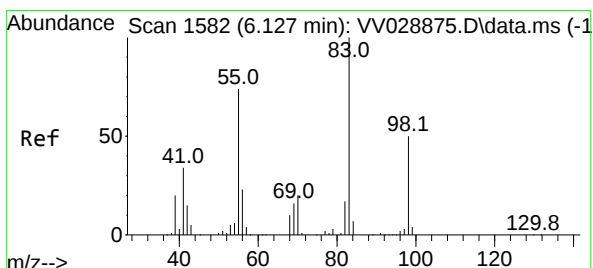
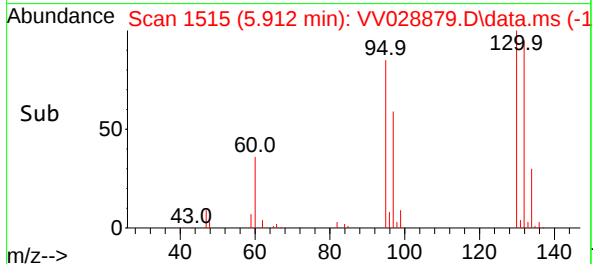
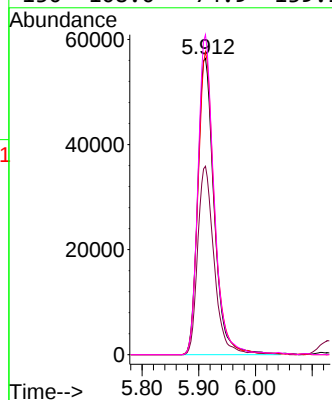
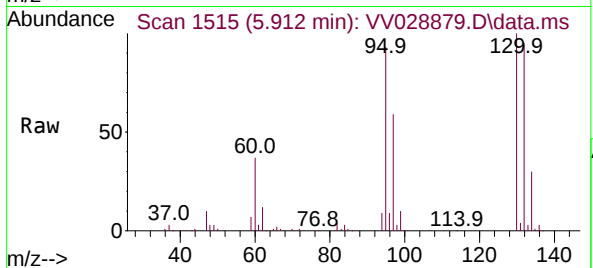
Ion Ratio Lower Upper

95 100

97 63.6 45.6 84.8

132 102.2 69.1 128.3

130 108.0 74.9 139.1



#35

Methylcyclohexane

Concen: 5.381 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.000 min

Lab File: VV028879.D

Acq: 11 Nov 2022 15:59

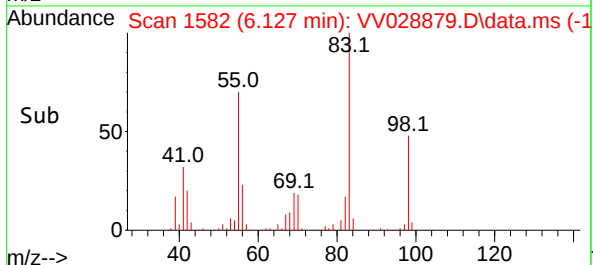
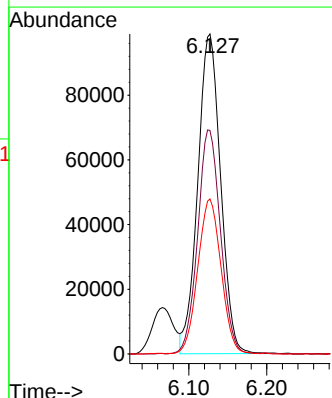
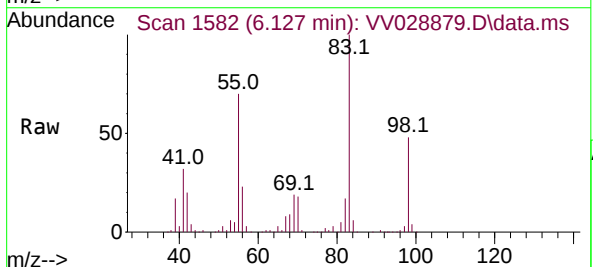
Tgt Ion: 83 Resp: 201413

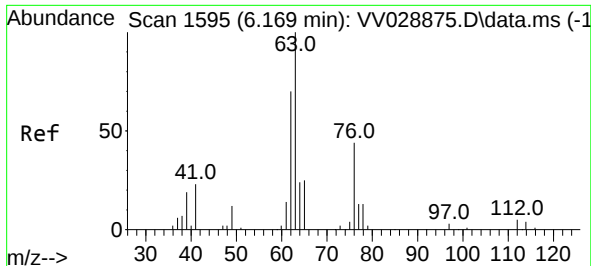
Ion Ratio Lower Upper

83 100

55 70.0 55.8 83.6

98 49.5 38.2 57.2





#37

1,2-Dichloropropane

Concen: 5.121 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV028879.D

Acq: 11 Nov 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

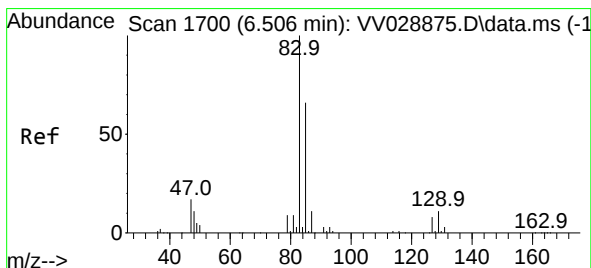
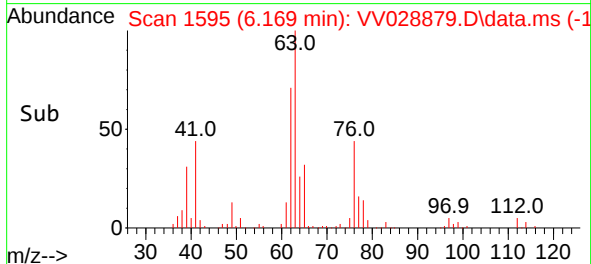
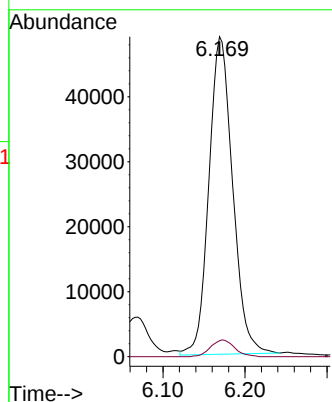
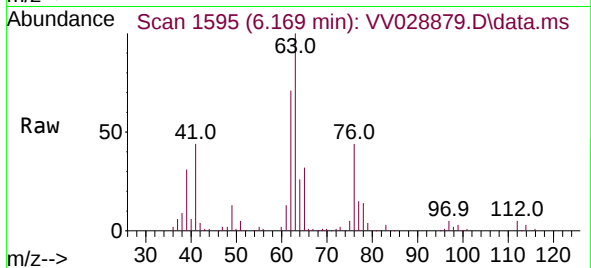
VSTD005341

Tgt Ion: 63 Resp: 98248

Ion Ratio Lower Upper

63 100

112 5.3 4.0 6.0



#38

Bromodichloromethane

Concen: 5.261 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV028879.D

Acq: 11 Nov 2022 15:59

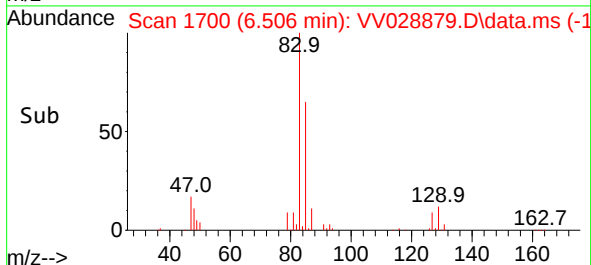
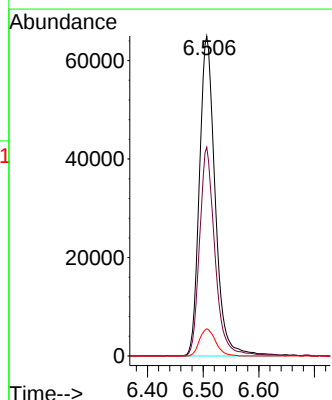
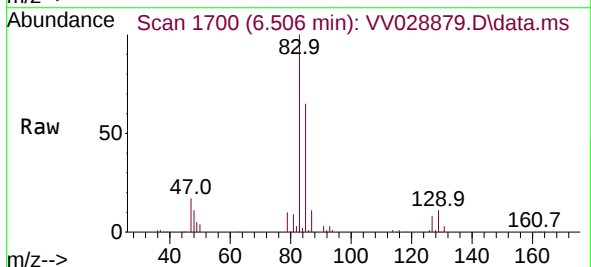
Tgt Ion: 83 Resp: 127812

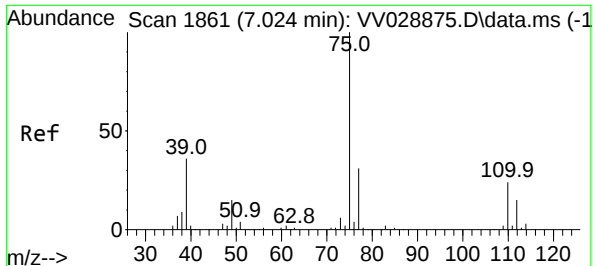
Ion Ratio Lower Upper

83 100

85 65.2 46.1 85.5

127 8.5 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 5.432 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV028879.D

Acq: 11 Nov 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

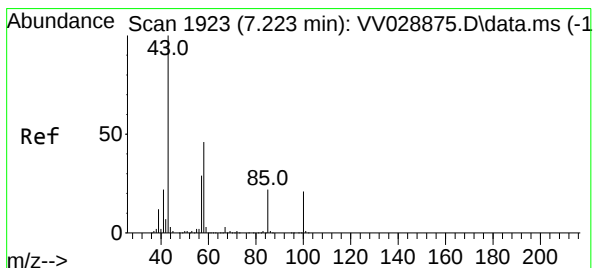
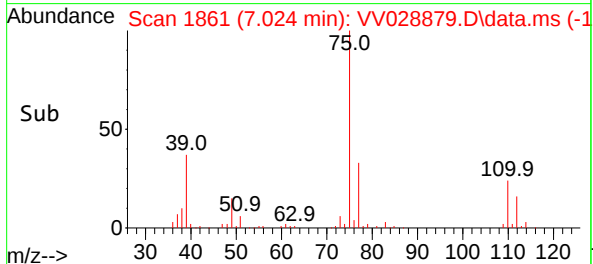
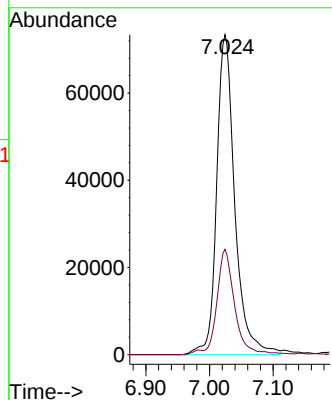
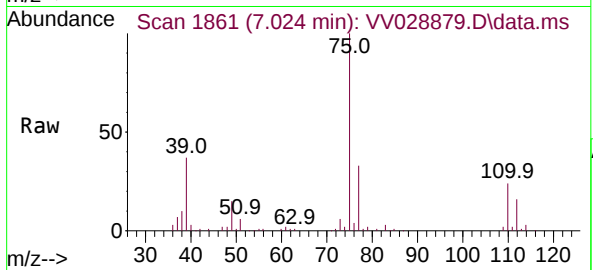
VSTD005341

Tgt Ion: 75 Resp: 145489

Ion Ratio Lower Upper

75 100

77 33.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 56.623 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV028879.D

Acq: 11 Nov 2022 15:59

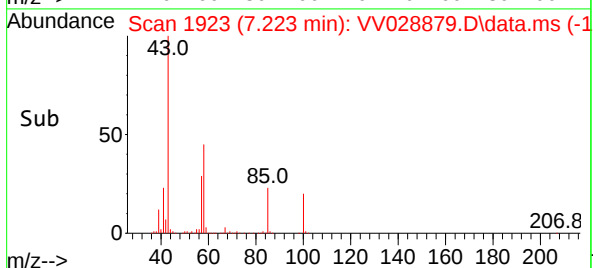
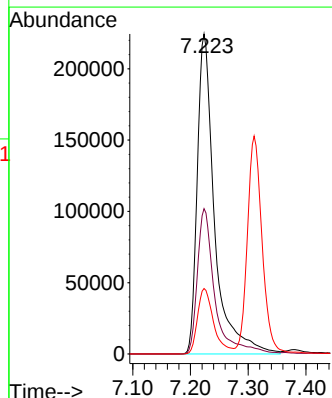
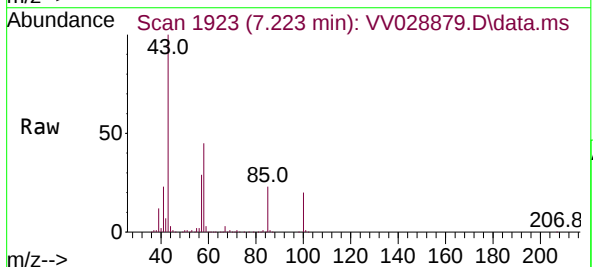
Tgt Ion: 43 Resp: 467376

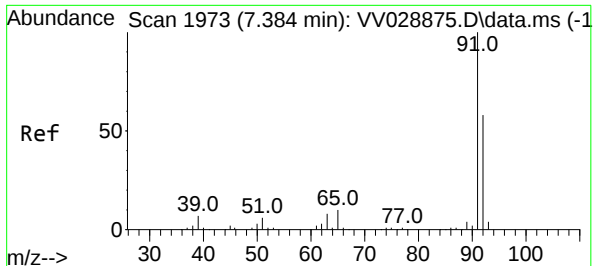
Ion Ratio Lower Upper

43 100

58 45.8 36.6 55.0

100 19.1 14.5 21.7





#42

Toluene

Concen: 5.419 ug/L

RT: 7.381 min Scan# 1973

Delta R.T. -0.003 min

Lab File: VV028879.D

Acq: 11 Nov 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

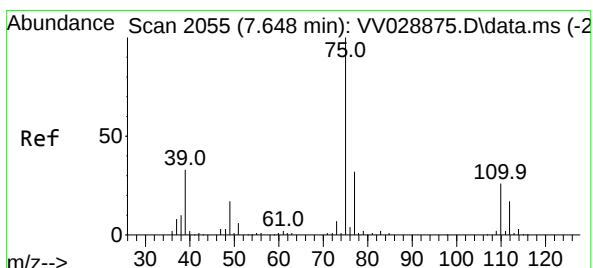
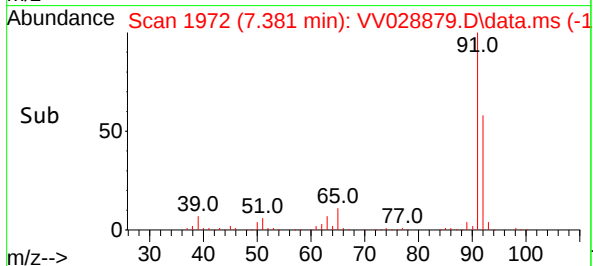
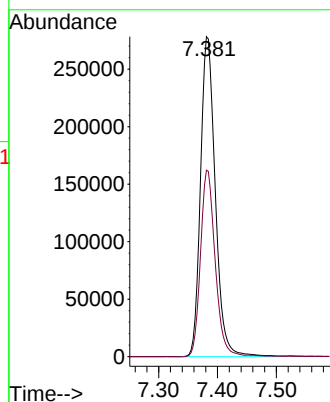
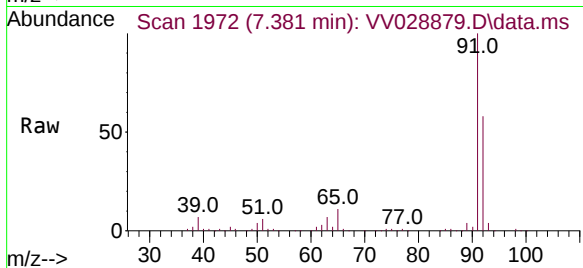
VSTD005341

Tgt Ion: 91 Resp: 487077

Ion Ratio Lower Upper

91 100

92 58.3 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 5.508 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV028879.D

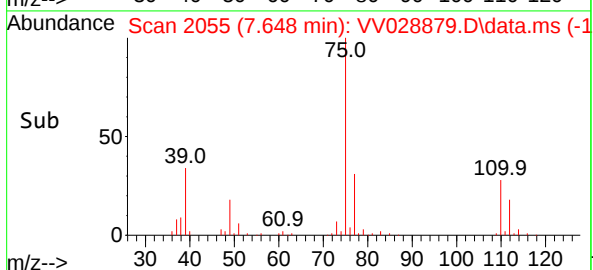
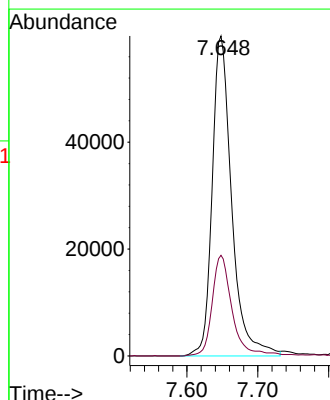
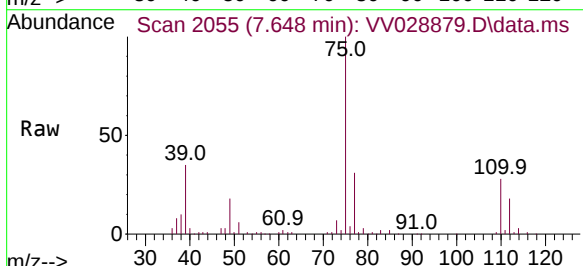
Acq: 11 Nov 2022 15:59

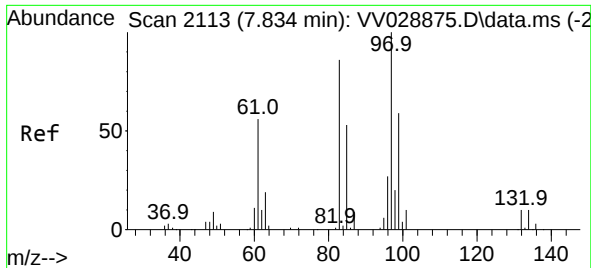
Tgt Ion: 75 Resp: 114520

Ion Ratio Lower Upper

75 100

77 31.5 22.2 41.2

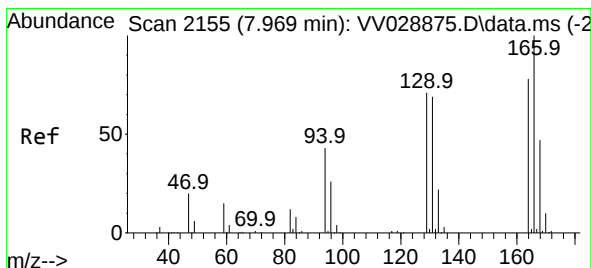
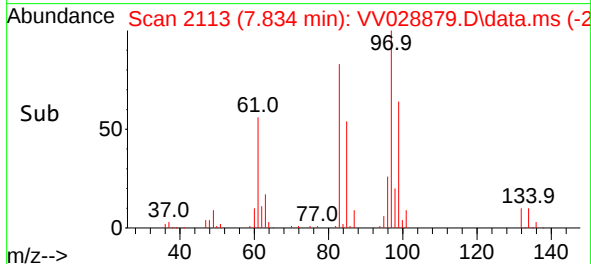
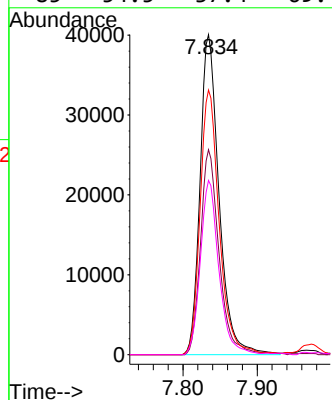
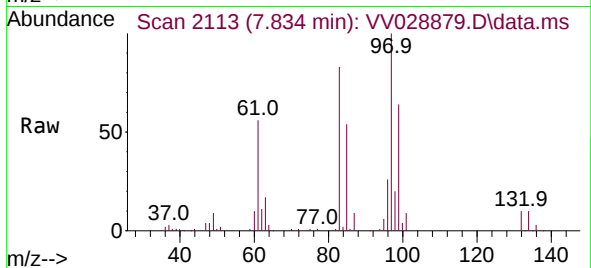




#45
1,1,2-Trichloroethane
Concen: 5.676 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VV028879.D
Acq: 11 Nov 2022 15:59

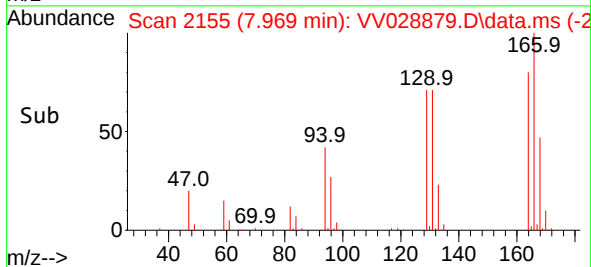
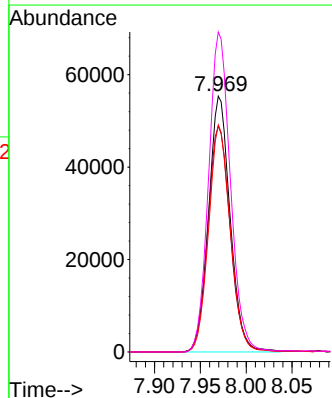
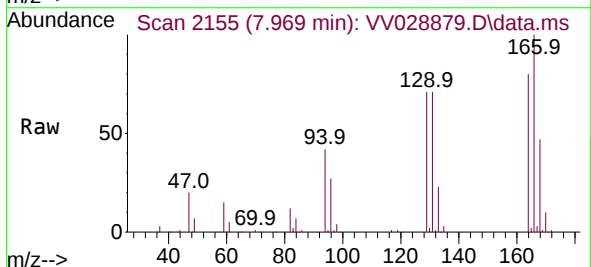
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

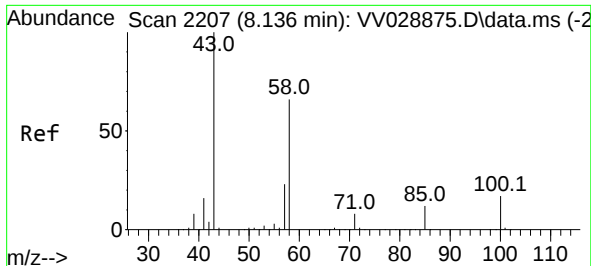
Tgt Ion:	97	Resp:	71278
Ion	Ratio	Lower	Upper
97	100		
99	64.1	41.5	77.1
83	82.7	60.0	111.4
85	54.5	37.4	69.4



#47
Tetrachloroethene
Concen: 5.318 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV028879.D
Acq: 11 Nov 2022 15:59

Tgt Ion:	164	Resp:	90688
Ion	Ratio	Lower	Upper
164	100		
129	88.3	63.9	118.7
131	88.7	61.8	114.8
166	125.1	90.2	167.4



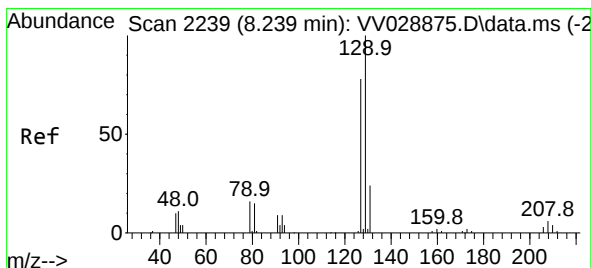
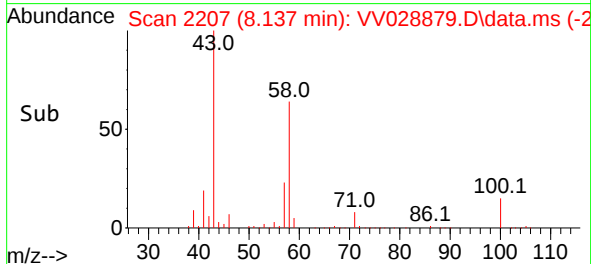
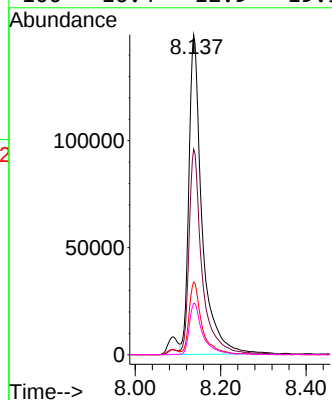
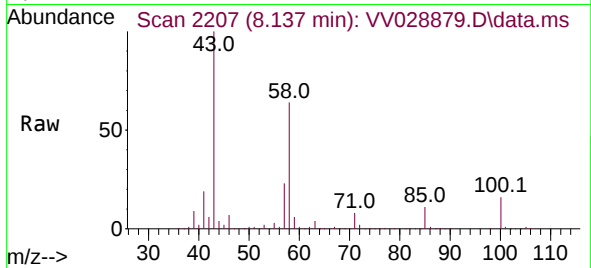


#48
2-Hexanone
Concen: 55.427 ug/L
RT: 8.137 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VV028879.D
Acq: 11 Nov 2022 15:59

Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

Tgt Ion: 43 Resp: 320478

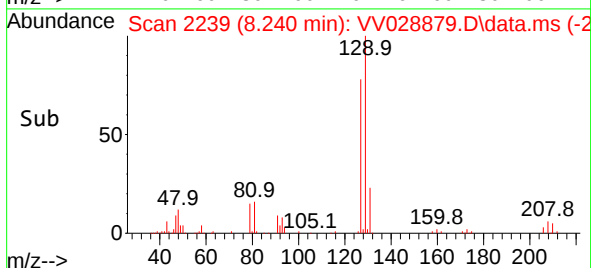
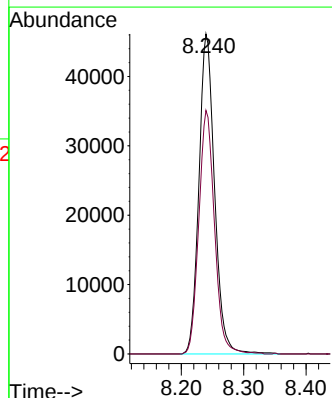
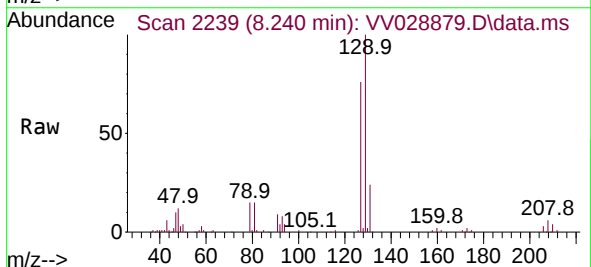
Ion	Ratio	Lower	Upper
43	100		
58	62.1	50.2	75.4
57	21.6	17.8	26.8
100	16.4	12.9	19.3

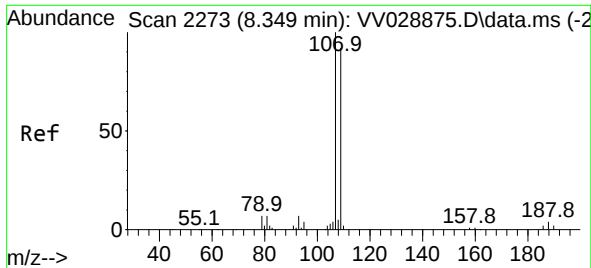


#49
Dibromochloromethane
Concen: 5.296 ug/L
RT: 8.240 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VV028879.D
Acq: 11 Nov 2022 15:59

Tgt Ion: 129 Resp: 80408

Ion	Ratio	Lower	Upper
129	100		
127	76.1	54.5	101.1

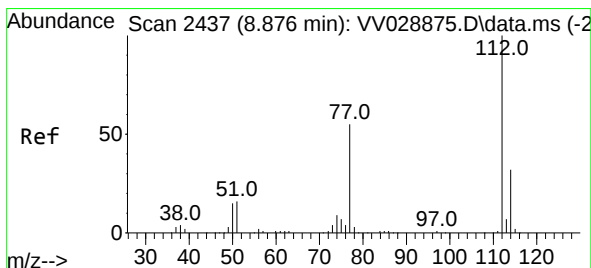
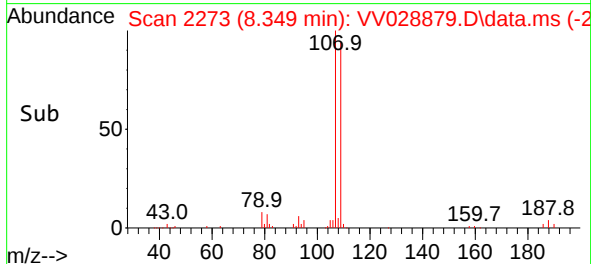
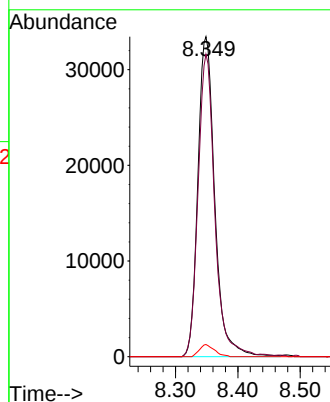
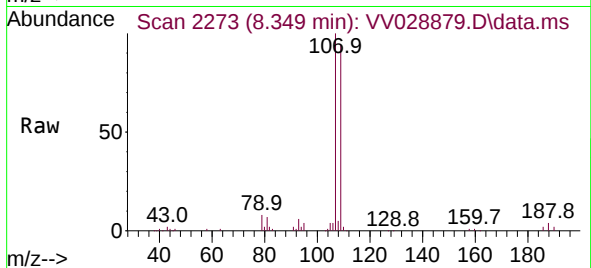




#50
1,2-Dibromoethane
Concen: 5.393 ug/L
RT: 8.349 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028879.D
Acq: 11 Nov 2022 15:59

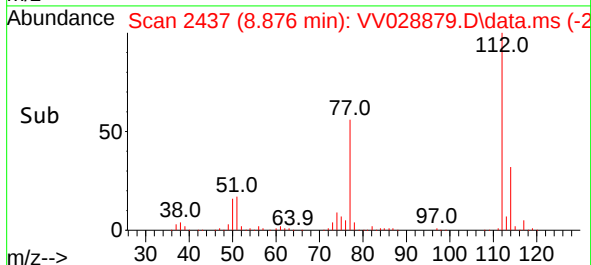
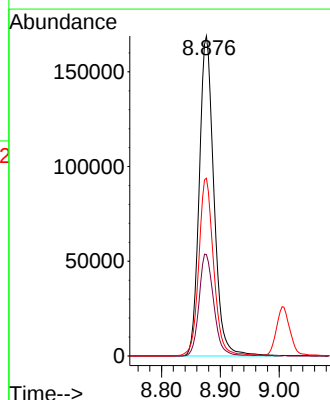
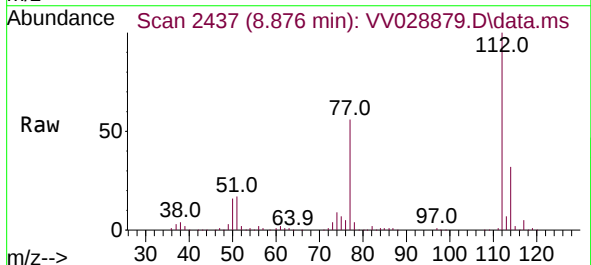
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

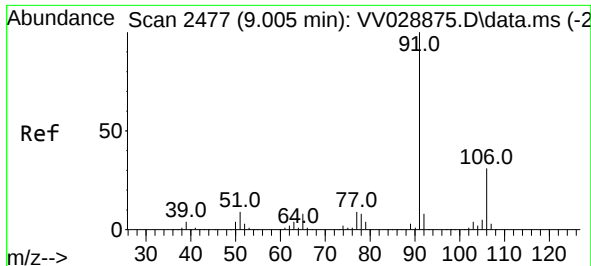
Tgt Ion:	107	Resp:	62918
Ion	Ratio	Lower	Upper
107	100		
109	94.5	64.4	119.6
188	3.8	2.9	4.3



#51
Chlorobenzene
Concen: 5.269 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. 0.000 min
Lab File: VV028879.D
Acq: 11 Nov 2022 15:59

Tgt Ion:	112	Resp:	292782
Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.4	41.6
77	55.5	44.4	66.6

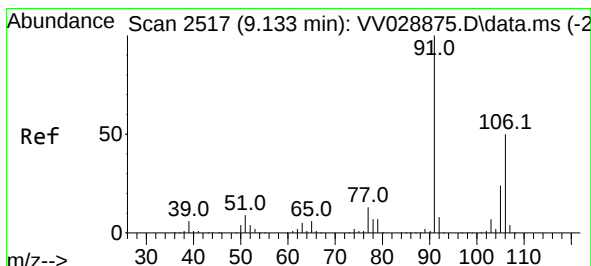
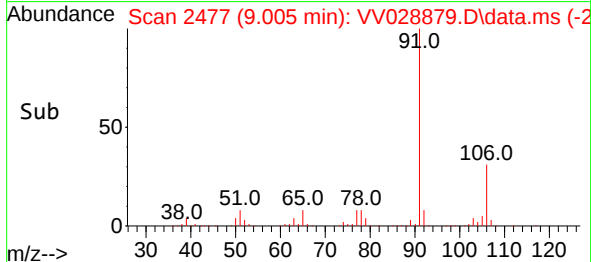
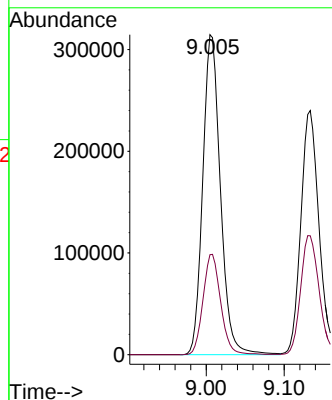
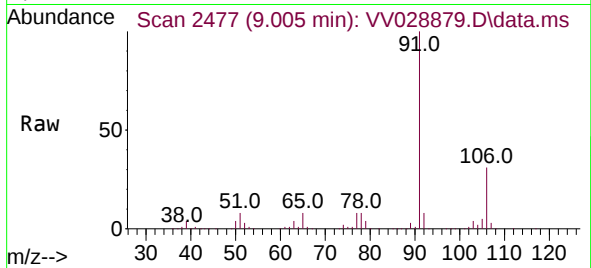




#52
Ethylbenzene
Concen: 5.295 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. 0.000 min
Lab File: VV028879.D
Acq: 11 Nov 2022 15:59

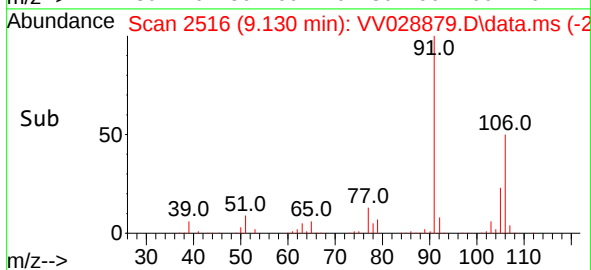
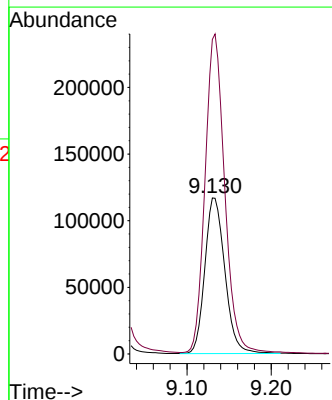
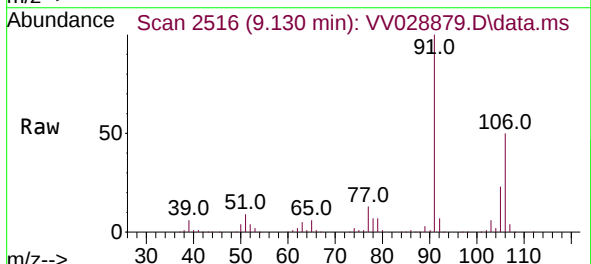
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

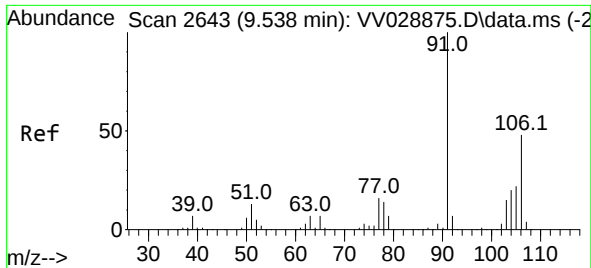
Tgt Ion: 91 Resp: 495459
Ion Ratio Lower Upper
91 100
106 31.2 21.6 40.2



#53
m,p-Xylene
Concen: 5.198 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.003 min
Lab File: VV028879.D
Acq: 11 Nov 2022 15:59

Tgt Ion:106 Resp: 193434
Ion Ratio Lower Upper
106 100
91 201.7 139.1 258.3

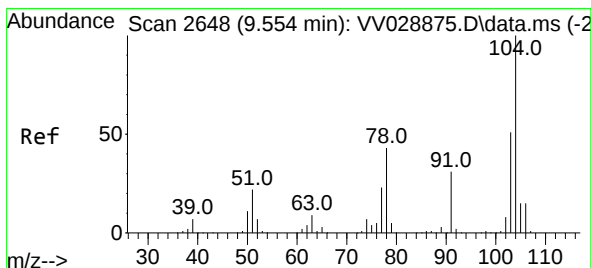
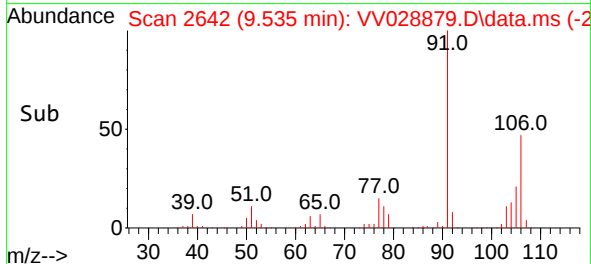
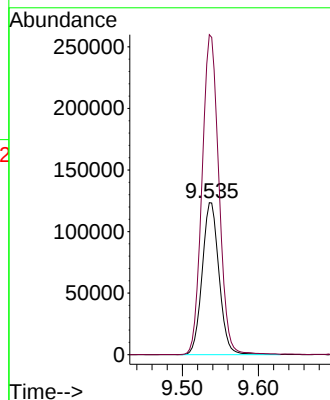
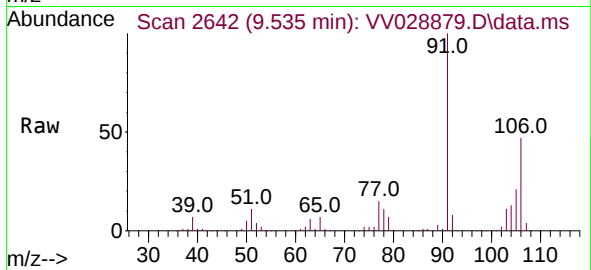




#54
o-Xylene
Concen: 5.368 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.003 min
Lab File: VV028879.D
Acq: 11 Nov 2022 15:59

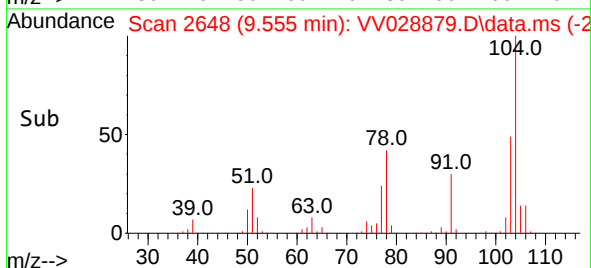
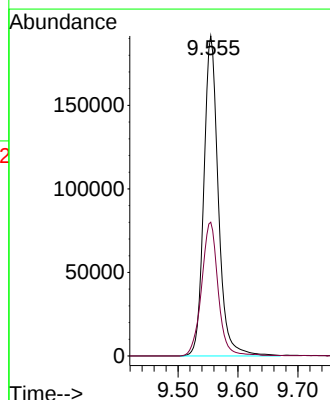
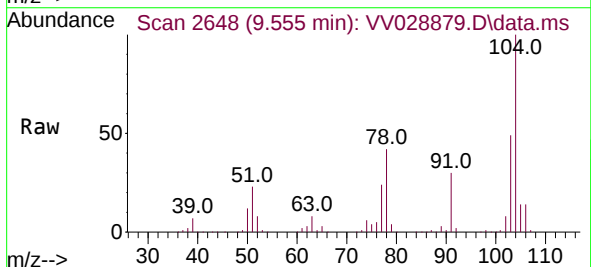
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

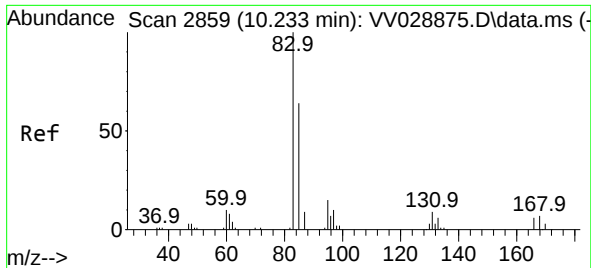
Tgt Ion:106 Resp: 189886
Ion Ratio Lower Upper
106 100
91 210.6 145.7 270.7



#55
Styrene
Concen: 5.448 ug/L
RT: 9.555 min Scan# 2648
Delta R.T. 0.000 min
Lab File: VV028879.D
Acq: 11 Nov 2022 15:59

Tgt Ion:104 Resp: 323240
Ion Ratio Lower Upper
104 100
78 41.8 30.1 55.9

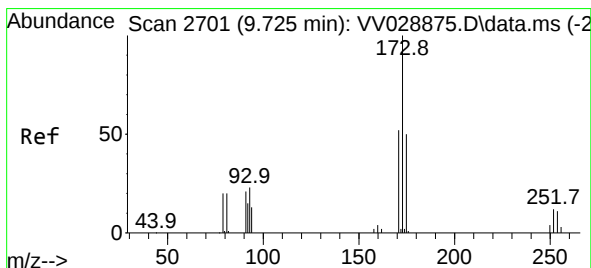
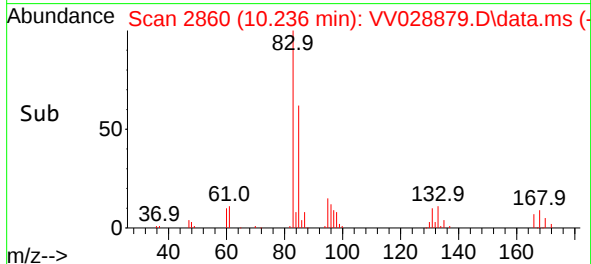
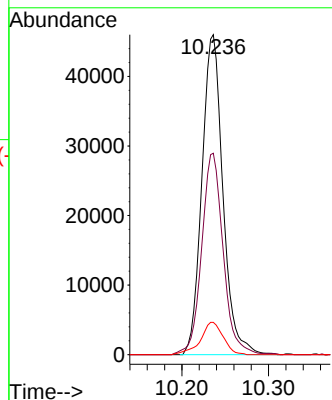
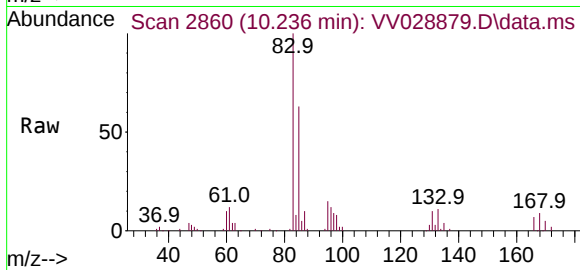




#57
1,1,2,2-Tetrachloroethane
Concen: 5.294 ug/L
RT: 10.236 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VV028879.D
Acq: 11 Nov 2022 15:59

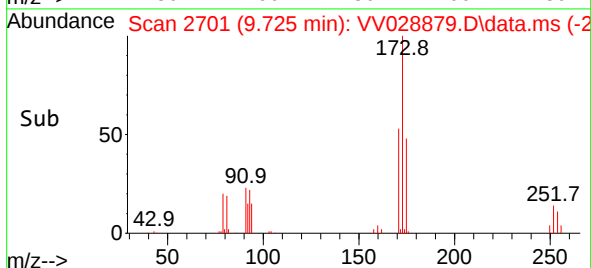
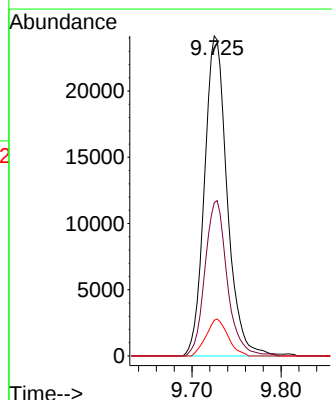
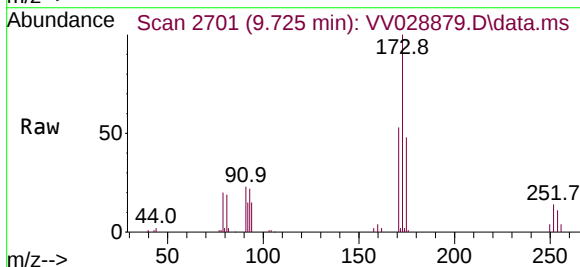
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

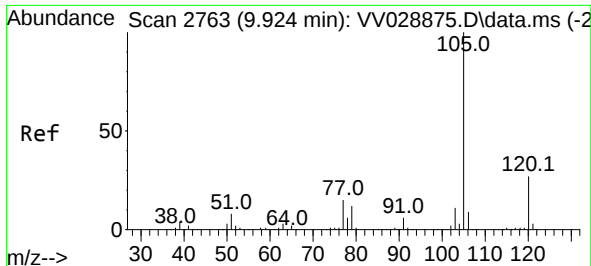
Tgt Ion: 83 Resp: 77500
Ion Ratio Lower Upper
83 100
85 62.9 45.2 84.0
131 10.1 7.5 11.3



#59
Bromoform
Concen: 5.307 ug/L
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV028879.D
Acq: 11 Nov 2022 15:59

Tgt Ion: 173 Resp: 42748
Ion Ratio Lower Upper
173 100
175 47.5 38.2 57.4
254 11.0 8.5 12.7

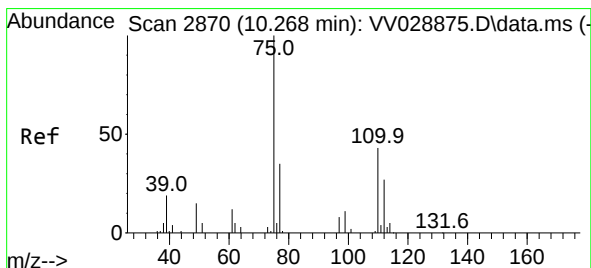
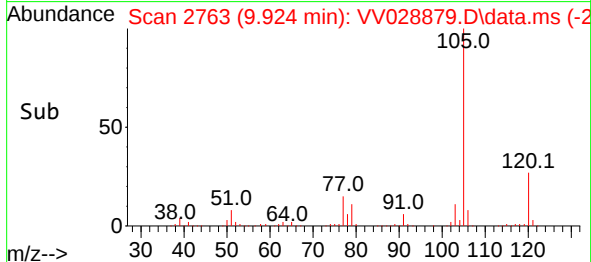
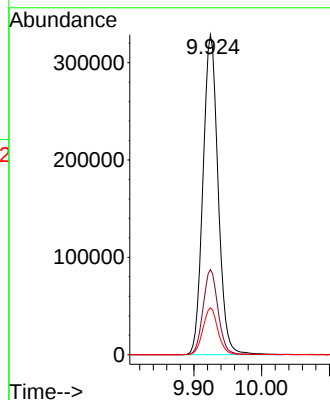
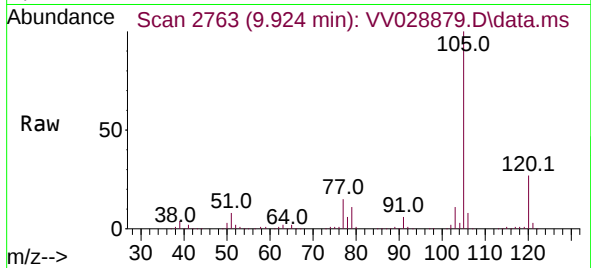




#60
Isopropylbenzene
Concen: 5.304 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028879.D
Acq: 11 Nov 2022 15:59

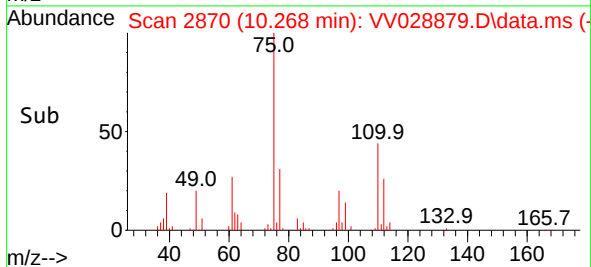
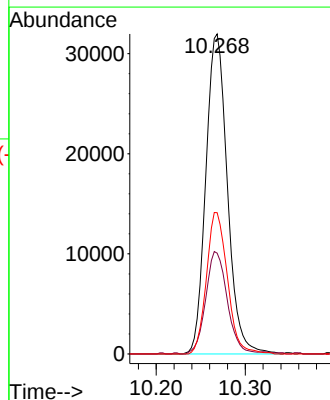
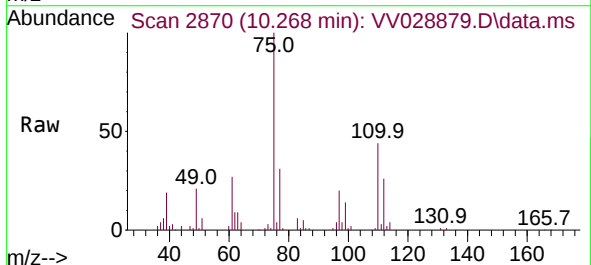
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

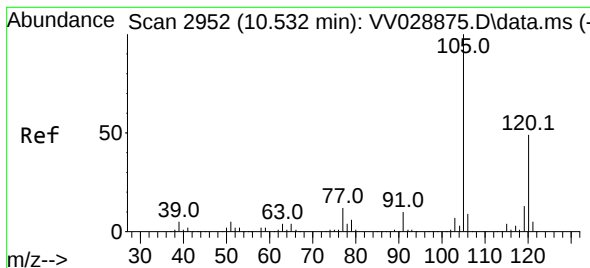
Tgt Ion:105 Resp: 508691
Ion Ratio Lower Upper
105 100
120 26.5 21.3 31.9
77 14.5 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.322 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.000 min
Lab File: VV028879.D
Acq: 11 Nov 2022 15:59

Tgt Ion: 75 Resp: 53744
Ion Ratio Lower Upper
75 100
77 31.9 26.2 39.2
110 43.0 32.6 48.8





#62

1,3,5-Trimethylbenzene

Concen: 5.303 ug/L

RT: 10.532 min Scan# 2952

Delta R.T. 0.000 min

Lab File: VV028879.D

Acq: 11 Nov 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

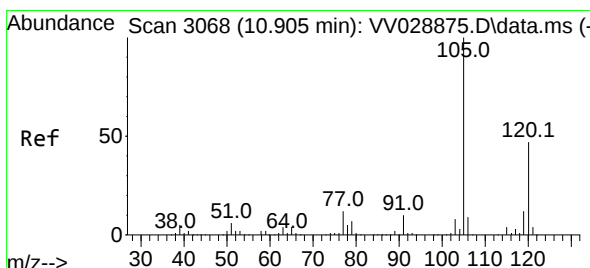
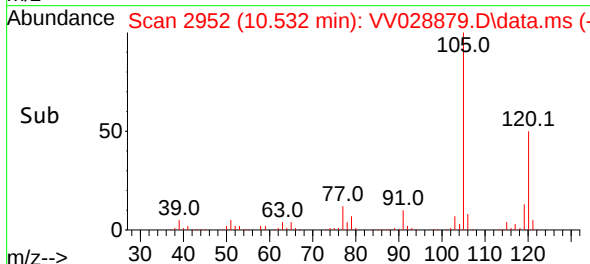
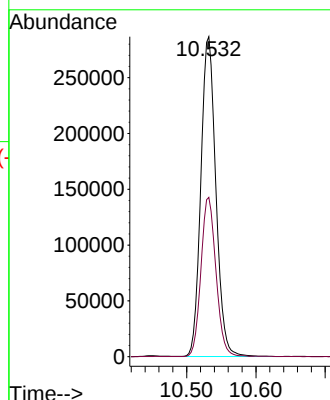
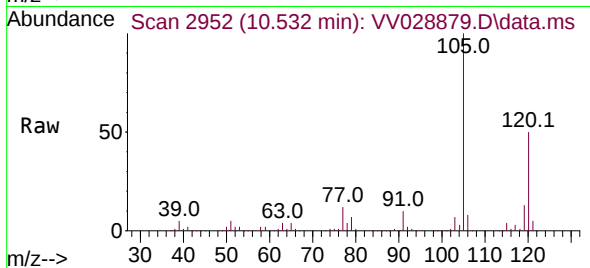
VSTD005341

Tgt Ion:105 Resp: 430832

Ion Ratio Lower Upper

105 100

120 49.7 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 5.364 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. 0.000 min

Lab File: VV028879.D

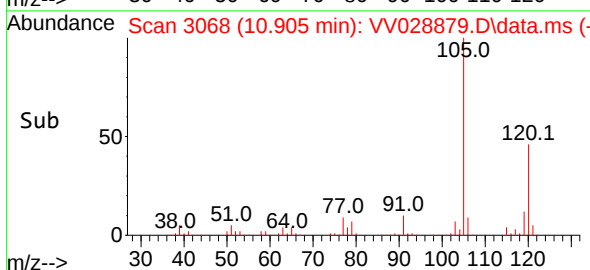
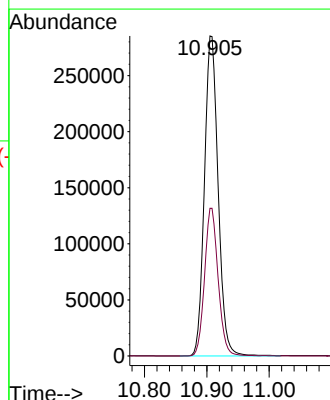
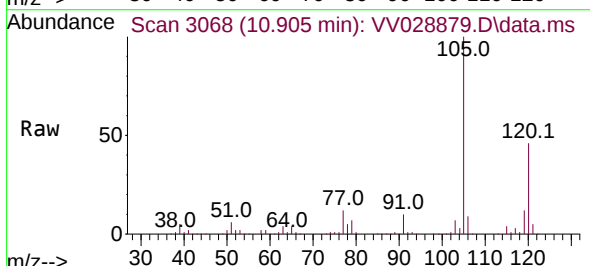
Acq: 11 Nov 2022 15:59

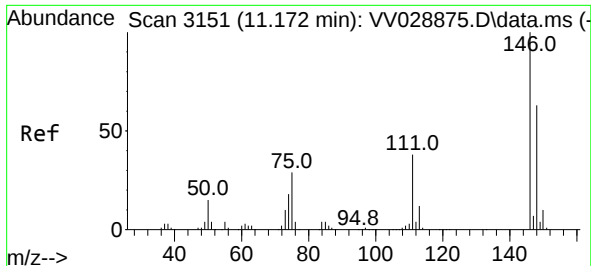
Tgt Ion:105 Resp: 436544

Ion Ratio Lower Upper

105 100

120 45.6 37.8 56.8

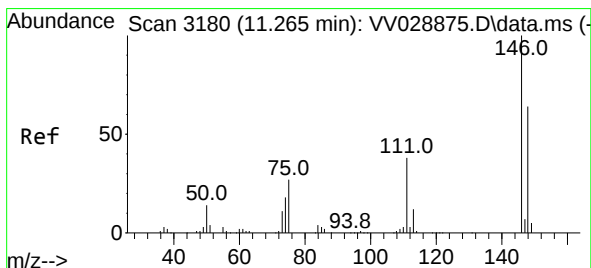
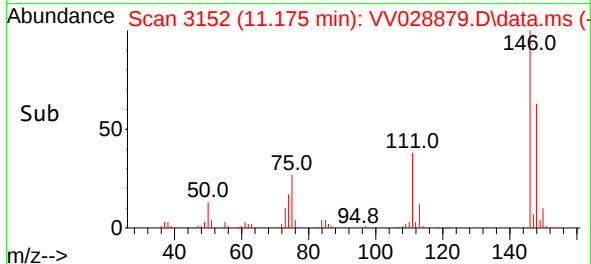
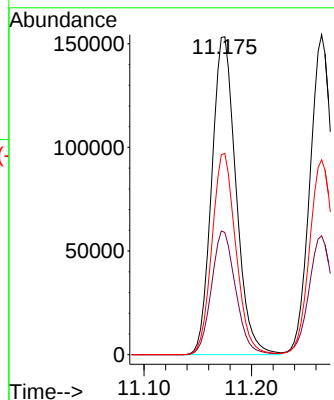
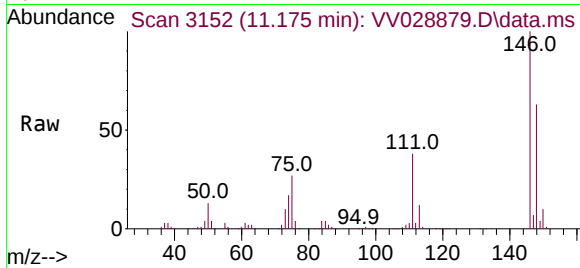




#64
1,3-Dichlorobenzene
Concen: 5.331 ug/L
RT: 11.175 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV028879.D
Acq: 11 Nov 2022 15:59

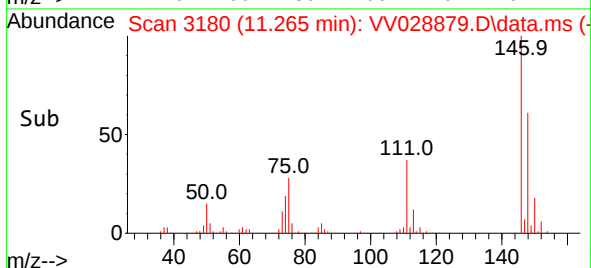
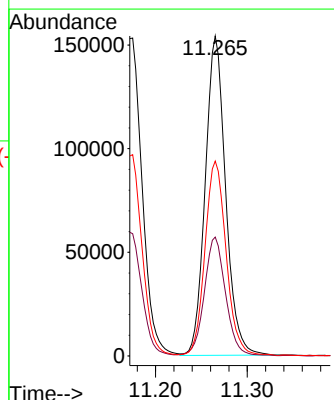
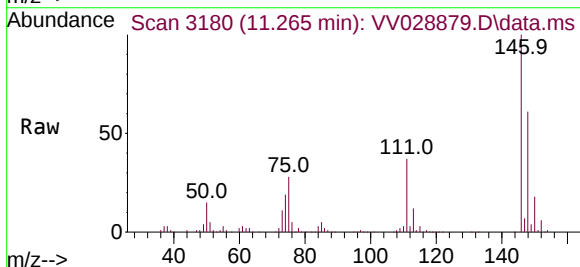
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

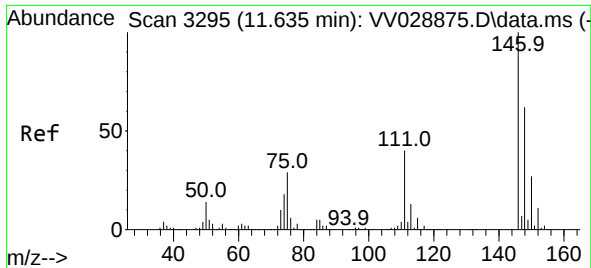
Tgt Ion:146 Resp: 240238
Ion Ratio Lower Upper
146 100
111 38.4 26.9 50.1
148 63.3 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 5.254 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.000 min
Lab File: VV028879.D
Acq: 11 Nov 2022 15:59

Tgt Ion:146 Resp: 238028
Ion Ratio Lower Upper
146 100
111 37.1 26.5 49.3
148 60.9 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 5.246 ug/L

RT: 11.635 min Scan# 3295

Delta R.T. 0.000 min

Lab File: VV028879.D

Acq: 11 Nov 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005341

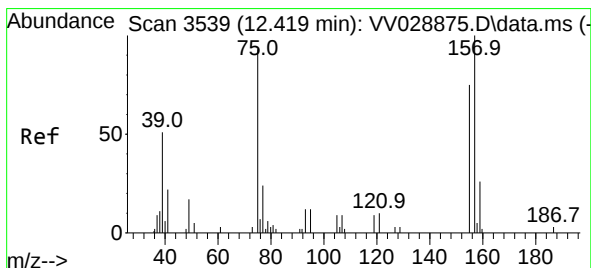
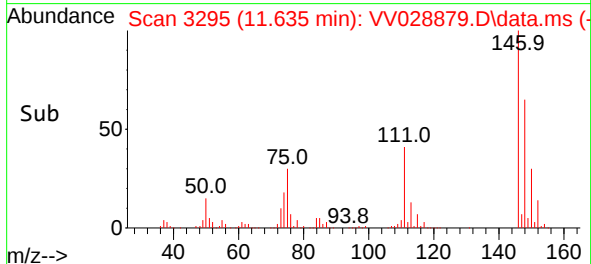
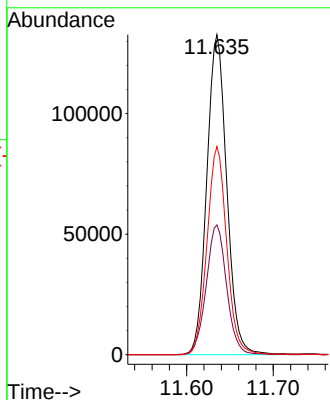
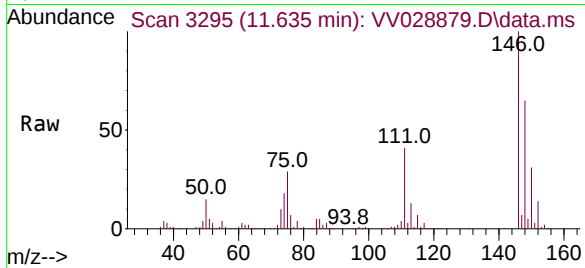
Tgt Ion:146 Resp: 212394

Ion Ratio Lower Upper

146 100

111 40.6 32.4 48.6

148 65.0 49.4 74.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.426 ug/L

RT: 12.419 min Scan# 3539

Delta R.T. 0.000 min

Lab File: VV028879.D

Acq: 11 Nov 2022 15:59

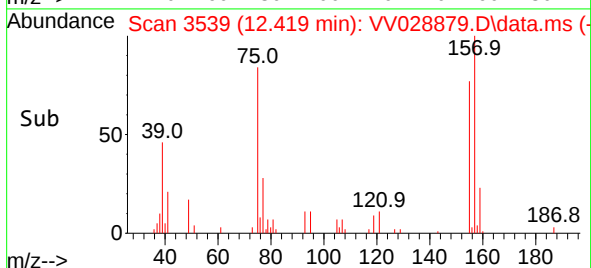
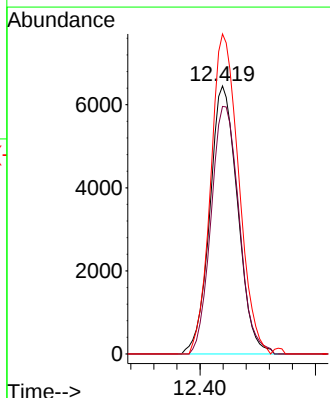
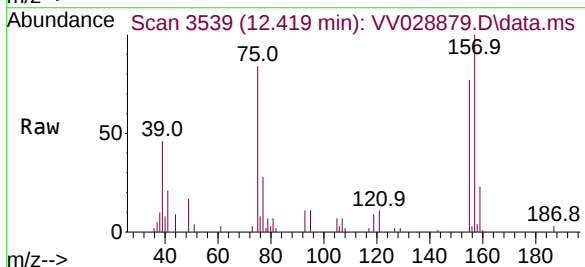
Tgt Ion: 75 Resp: 10781

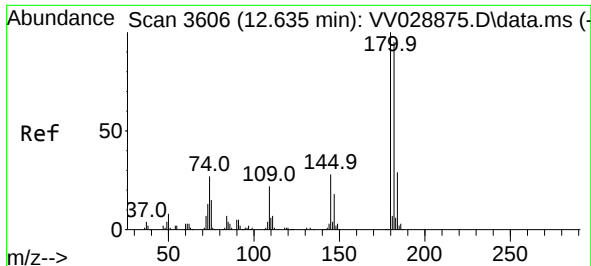
Ion Ratio Lower Upper

75 100

155 92.4 64.8 97.2

157 119.4 86.3 129.5





#69

1,3,5-Trichlorobenzene

Concen: 5.321 ug/L

RT: 12.635 min Scan# 3606

Delta R.T. 0.000 min

Lab File: VV028879.D

Acq: 11 Nov 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005341

Tgt Ion:180 Resp: 185002

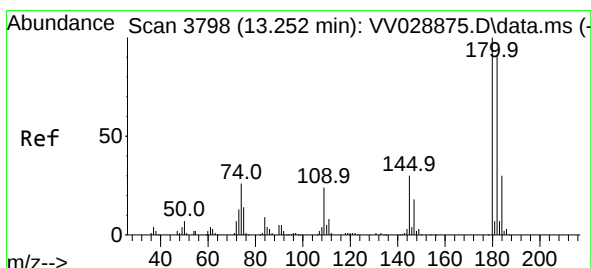
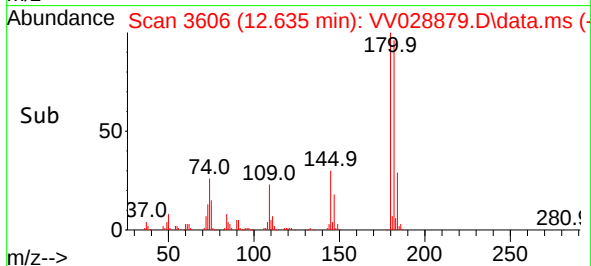
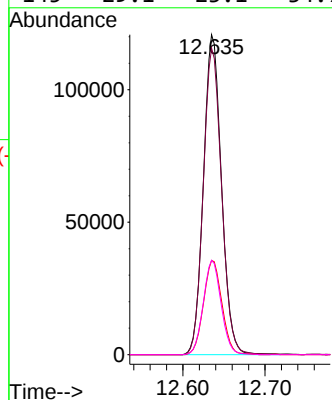
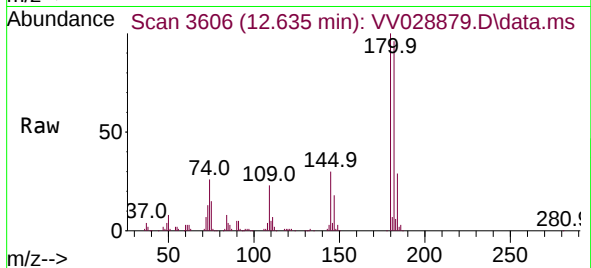
Ion Ratio Lower Upper

180 100

182 97.1 76.7 115.1

184 30.0 24.0 36.0

145 29.1 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 5.633 ug/L

RT: 13.252 min Scan# 3798

Delta R.T. 0.000 min

Lab File: VV028879.D

Acq: 11 Nov 2022 15:59

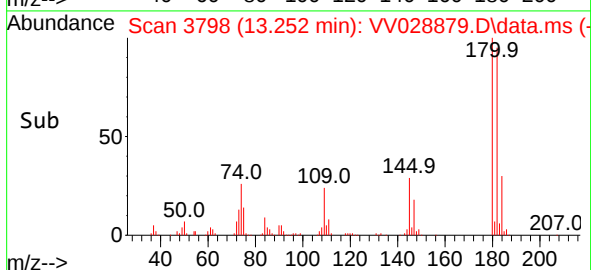
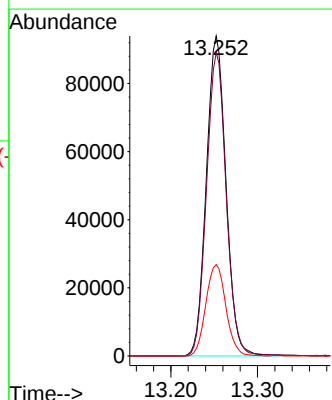
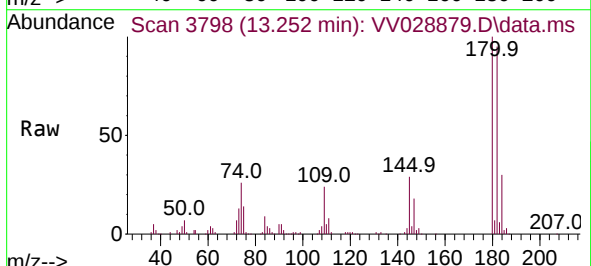
Tgt Ion:180 Resp: 148138

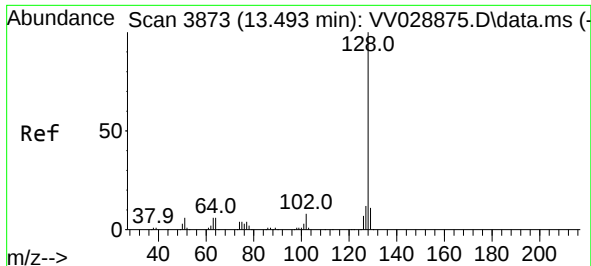
Ion Ratio Lower Upper

180 100

182 94.6 74.3 111.5

145 29.1 23.7 35.5

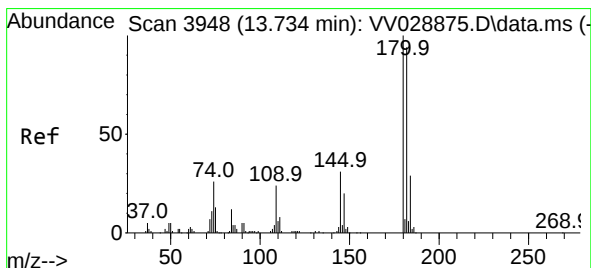
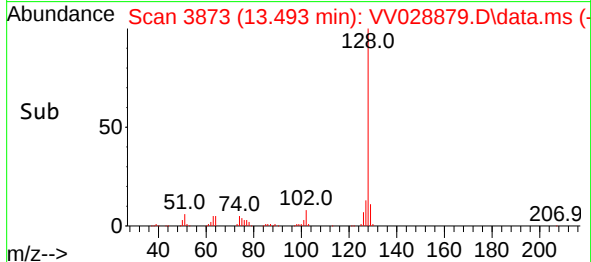
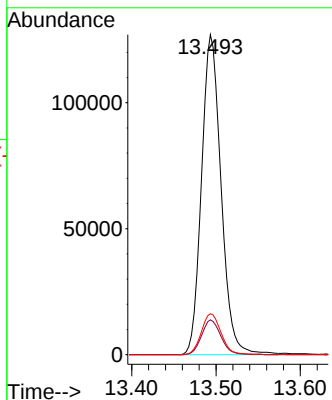
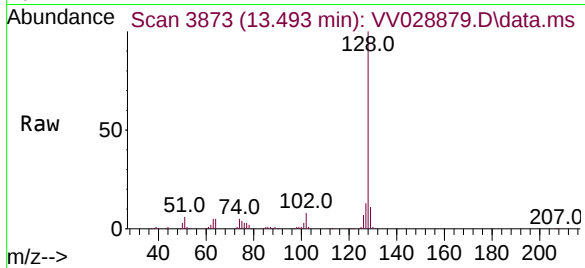




#71
Naphthalene
Concen: 6.055 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.000 min
Lab File: VV028879.D
Acq: 11 Nov 2022 15:59

Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

Tgt Ion:128 Resp: 205455
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.9 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 5.658 ug/L
RT: 13.734 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VV028879.D
Acq: 11 Nov 2022 15:59

Tgt Ion:180 Resp: 126022
Ion Ratio Lower Upper
180 100
182 95.5 75.4 113.2
145 31.5 24.9 37.3

