

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111522\
 Data File : VV029003.D
 Acq On : 15 Nov 2022 20:59
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005348

Quant Time: Nov 16 03:22:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 16 03:16:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	297474	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	276736	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	144475	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	63452	3.499	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.000%
7) Chloroethane-d5	1.568	69	65178	4.088	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.108	63	132207	4.000	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	3.899	46	114871	37.839	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.680%
24) Chloroform-d	4.342	84	170481	4.579	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.030	65	75169	4.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.047	84	339873	4.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.066	67	95804	4.154	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.000%
41) Toluene-d8	7.310	98	309413	4.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	7.619	79	29983	3.986	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.088	63	165020	51.391	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.780%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	81859	5.119	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	11.615	152	114987	4.449	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	118883	4.794	ug/L	99
3) Chloromethane	1.240	50	90828	4.413	ug/L	98
5) Vinyl chloride	1.310	62	106789	4.549	ug/L	97
6) Bromomethane	1.523	94	60323	4.299	ug/L	95
8) Chloroethane	1.584	64	64626	4.685	ug/L	99
9) Trichlorofluoromethane	1.751	101	160957	5.085	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	89701	5.005	ug/L	96
12) 1,1-Dichloroethene	2.117	96	89575	4.974	ug/L	92
13) Acetone	2.195	43	48908	25.045	ug/L	78
14) Carbon disulfide	2.291	76	293578	4.591	ug/L	100
15) Methyl Acetate	2.439	43	20743	4.377	ug/L	98
16) Methylene chloride	2.503	84	110749	4.756	ug/L	95
17) Methyl tert-butyl Ether	2.764	73	193586	5.014	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	105281	5.041	ug/L	95
19) 1,1-Dichloroethane	3.185	63	172664	5.057	ug/L	99
21) 2-Butanone	3.985	43	110122	36.423	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	110448	5.202	ug/L	97
23) Bromochloromethane	4.243	128	47991	5.344	ug/L	97
25) Chloroform	4.368	83	185043	5.170	ug/L	95

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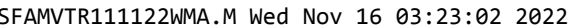
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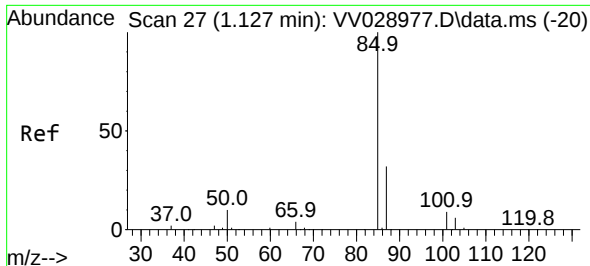
Quant Time: Nov 16 03:22:55 2022
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	94349	5.118	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	158373	4.877	ug/L	98
30) Cyclohexane	4.670	56	156955	4.756	ug/L	99
31) Carbon tetrachloride	4.821	117	136550	4.883	ug/L	99
33) Benzene	5.095	78	415787	4.917	ug/L	100
34) Trichloroethene	5.911	95	106469	4.918	ug/L	97
35) Methylcyclohexane	6.127	83	181201	4.762	ug/L	98
37) 1,2-Dichloropropane	6.169	63	93853	4.813	ug/L	100
38) Bromodichloromethane	6.506	83	117703	4.766	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	124756	4.582	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	434345	51.768	ug/L	94
42) Toluene	7.381	91	459440	5.029	ug/L	97
44) trans-1,3-Dichloropropene	7.648	75	97310	4.604	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	67749	5.307	ug/L	97
47) Tetrachloroethene	7.969	164	93389	5.387	ug/L	99
48) 2-Hexanone	8.136	43	307023	52.239	ug/L	98
49) Dibromochloromethane	8.239	129	77914	5.048	ug/L	97
50) 1,2-Dibromoethane	8.349	107	63741	5.375	ug/L #	99
51) Chlorobenzene	8.876	112	298858	5.291	ug/L	98
52) Ethylbenzene	9.005	91	493034	5.184	ug/L	99
53) m,p-Xylene	9.130	106	194533	5.143	ug/L	100
54) o-Xylene	9.535	106	192210	5.345	ug/L	97
55) Styrene	9.554	104	322192	5.342	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	80072	5.381	ug/L #	97
59) Bromoform	9.725	173	38774	4.923	ug/L	96
60) Isopropylbenzene	9.924	105	503495	5.369	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	55281	5.599	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	429636	5.408	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	428470	5.384	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	238668	5.417	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	235591	5.319	ug/L	100
67) 1,2-Dichlorobenzene	11.635	146	208954	5.278	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	8483	4.367	ug/L	88
69) 1,3,5-Trichlorobenzene	12.635	180	174584	5.136	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	132785	5.164	ug/L	98
71) Naphthalene	13.493	128	167701	5.055	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	115079	5.284	ug/L	99

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

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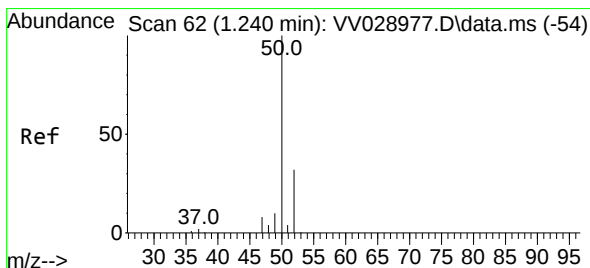
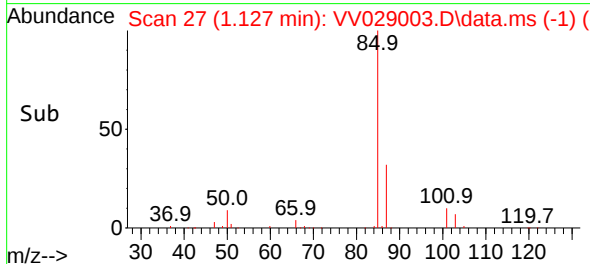
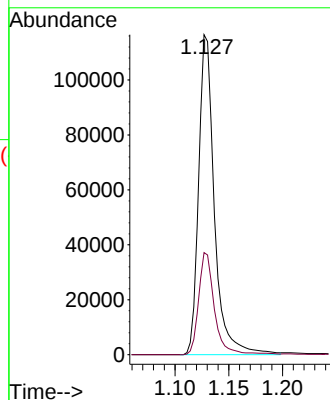
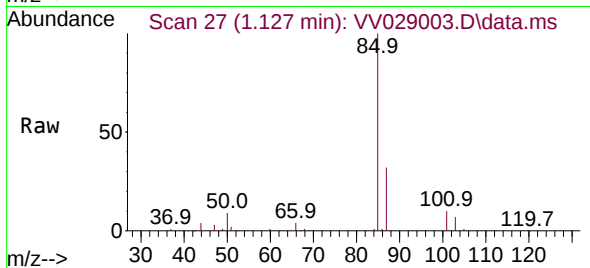




#2
 Dichlorodifluoromethane
 Concen: 4.794 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029003.D
 Acq: 15 Nov 2022 20:59

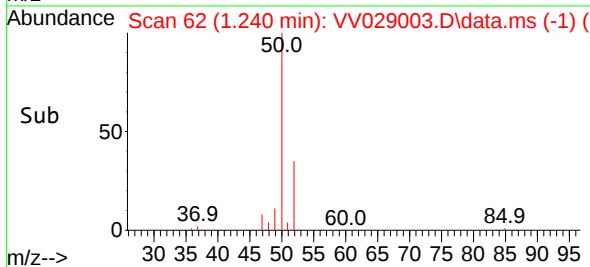
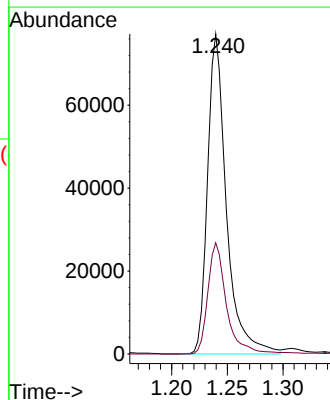
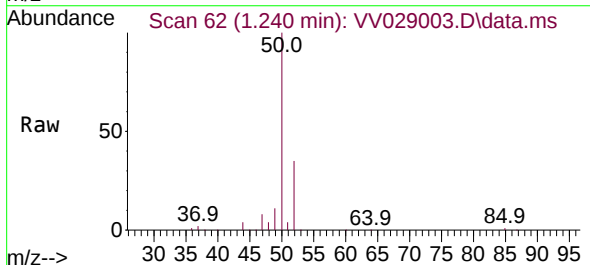
Instrument :
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 ClientSampleId :
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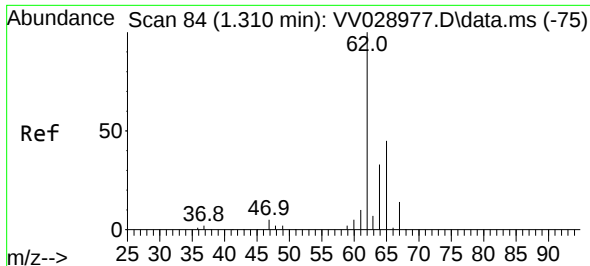
Tgt Ion: 85 Resp: 118883
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.0 37.4



#3
 Chloromethane
 Concen: 4.413 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029003.D
 Acq: 15 Nov 2022 20:59

Tgt Ion: 50 Resp: 90828
 Ion Ratio Lower Upper
 50 100
 52 34.7 23.7 43.9

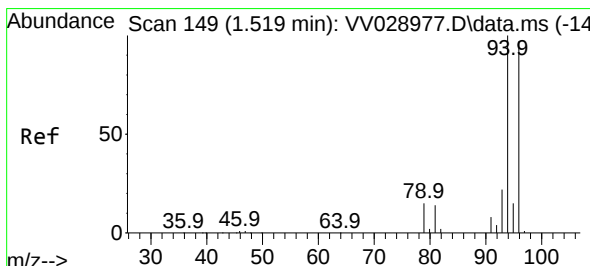
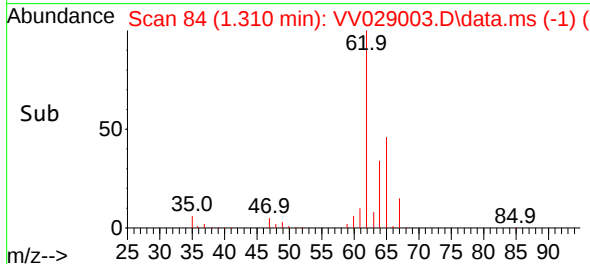
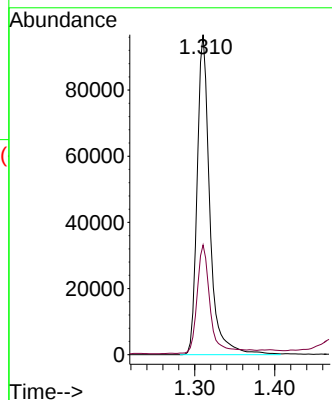
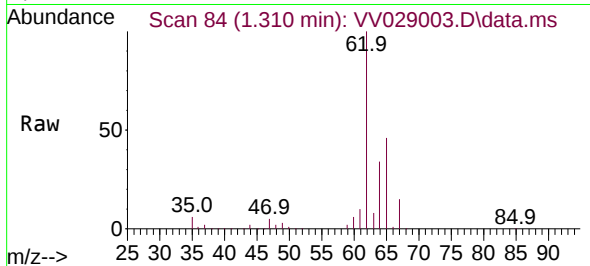




#5
 Vinyl chloride
 Concen: 4.549 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV029003.D
 Acq: 15 Nov 2022 20:59

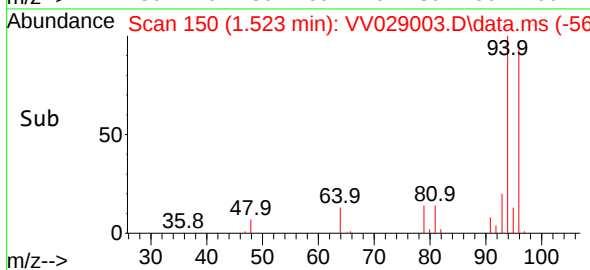
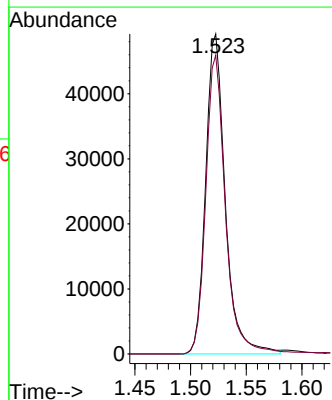
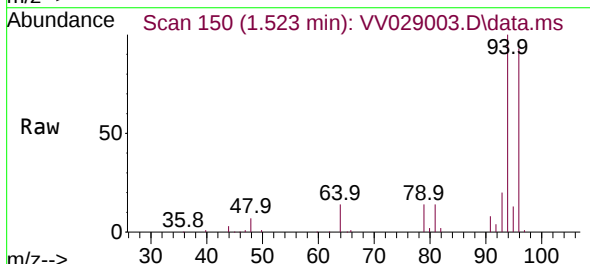
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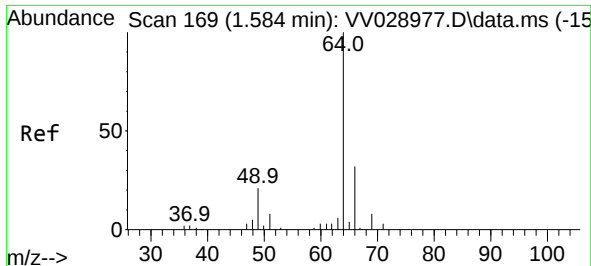
Tgt Ion: 62 Resp: 106789
 Ion Ratio Lower Upper
 62 100
 64 34.3 22.8 42.4



#6
 Bromomethane
 Concen: 4.299 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV029003.D
 Acq: 15 Nov 2022 20:59

Tgt Ion: 94 Resp: 60323
 Ion Ratio Lower Upper
 94 100
 96 93.3 68.5 127.3

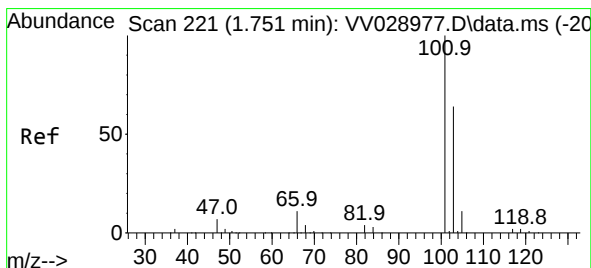
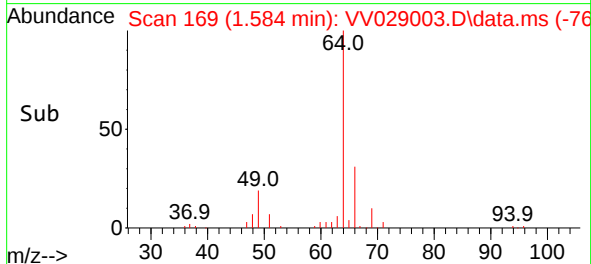
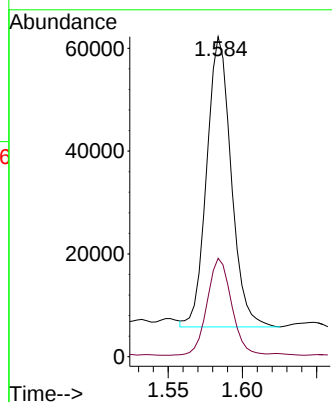
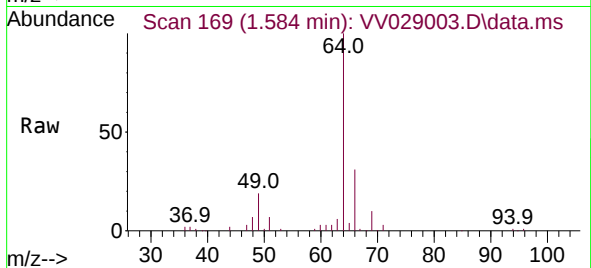




#8
Chloroethane
Concen: 4.685 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV029003.D
Acq: 15 Nov 2022 20:59

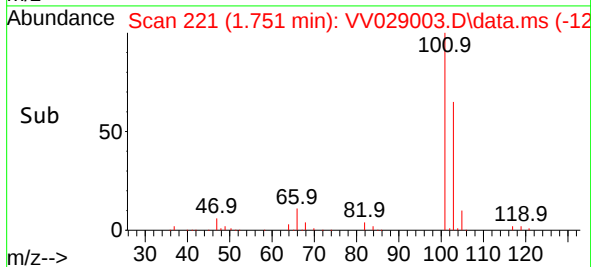
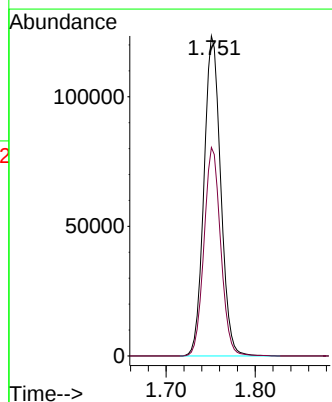
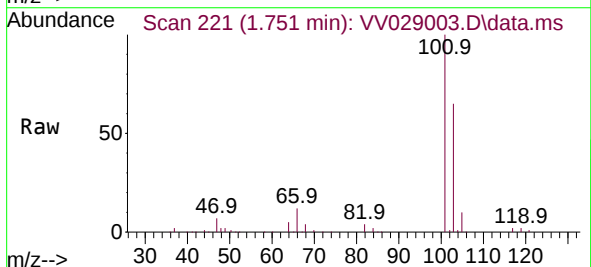
Instrument :
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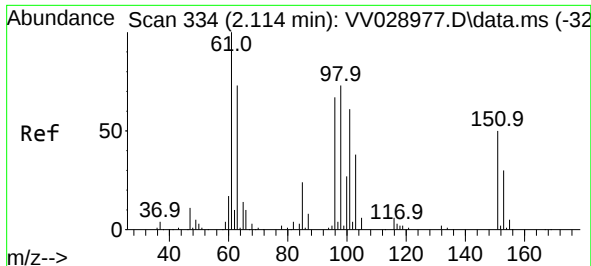
Tgt Ion: 64 Resp: 64626
Ion Ratio Lower Upper
64 100
66 30.7 22.0 40.8



#9
Trichlorofluoromethane
Concen: 5.085 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV029003.D
Acq: 15 Nov 2022 20:59

Tgt Ion:101 Resp: 160957
Ion Ratio Lower Upper
101 100
103 64.9 51.3 76.9

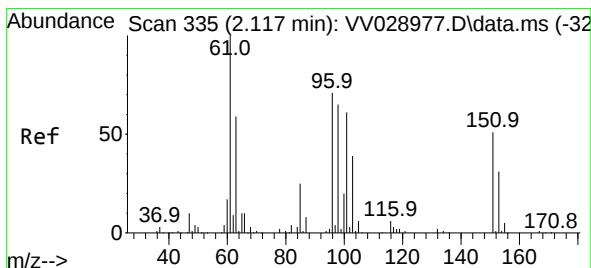
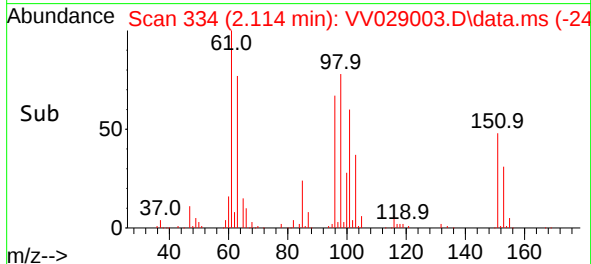
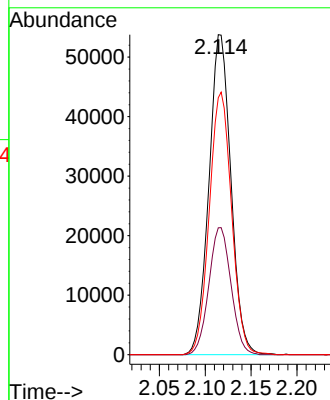
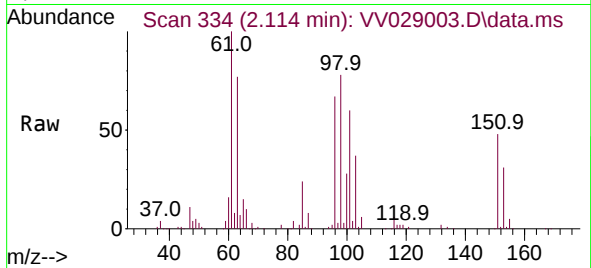




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.005 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV029003.D
 Acq: 15 Nov 2022 20:59

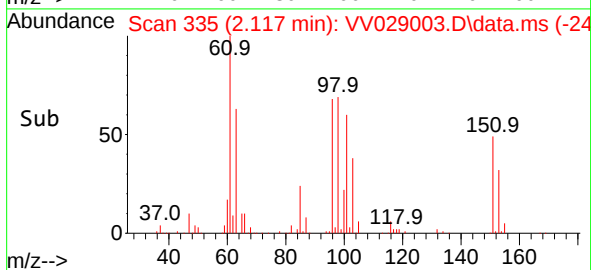
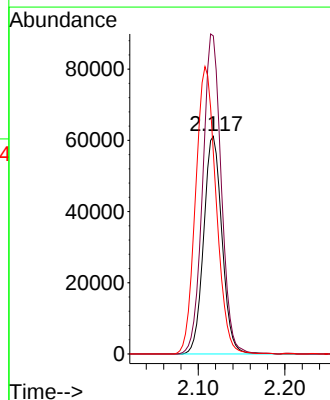
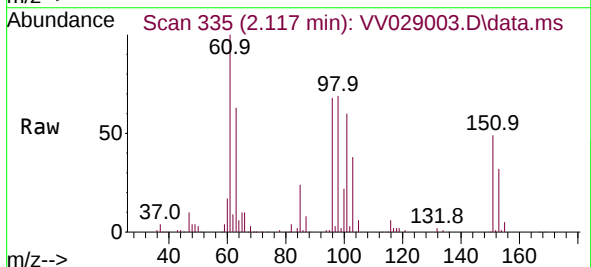
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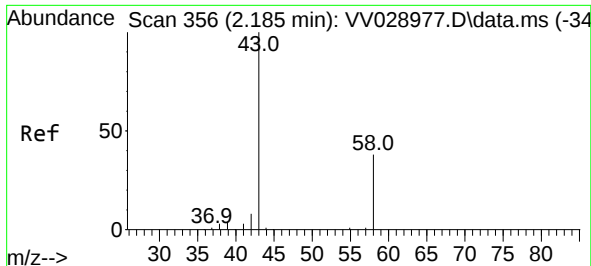
Tgt Ion: 101 Resp: 89701
 Ion Ratio Lower Upper
 101 100
 85 40.0 32.9 49.3
 151 83.1 62.5 93.7



#12
 1,1-Dichloroethene
 Concen: 4.974 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV029003.D
 Acq: 15 Nov 2022 20:59

Tgt Ion: 96 Resp: 89575
 Ion Ratio Lower Upper
 96 100
 61 146.1 104.2 193.4
 63 92.6 75.9 140.9





#13

Acetone

Concen: 25.045 ug/L

RT: 2.195 min Scan# 356

Delta R.T. 0.010 min

Lab File: VV029003.D

Acq: 15 Nov 2022 20:59

Instrument :

MSVOA_V

ClientSampleId :

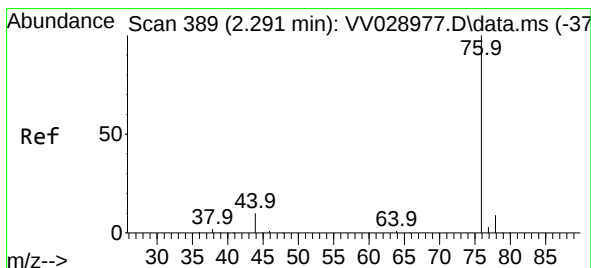
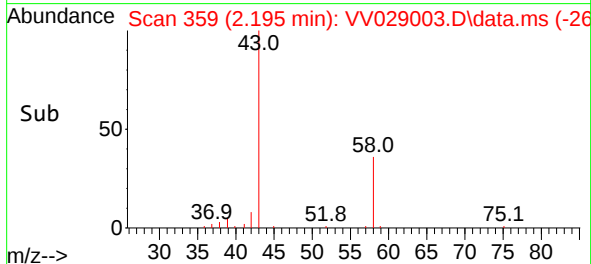
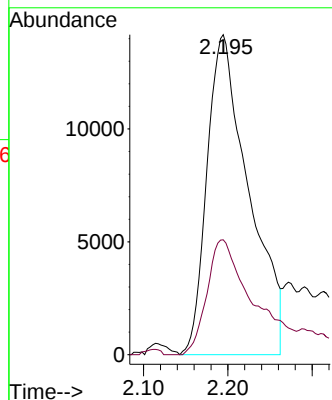
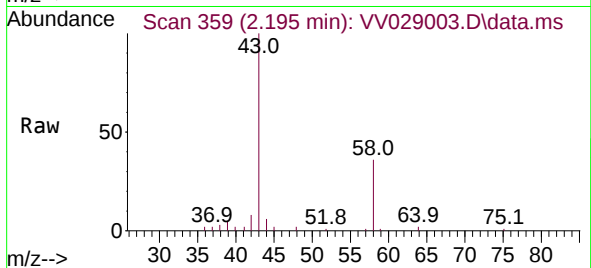
VSTD005348

Tgt Ion: 43 Resp: 48908

Ion Ratio Lower Upper

43 100

58 39.8 0.0 56.6



#14

Carbon disulfide

Concen: 4.591 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

Lab File: VV029003.D

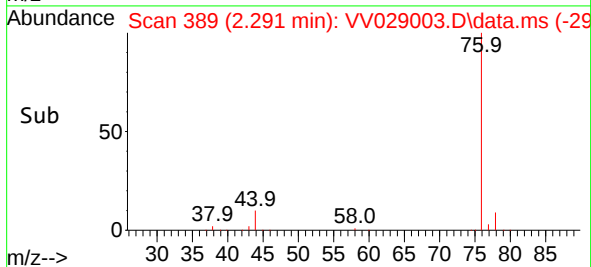
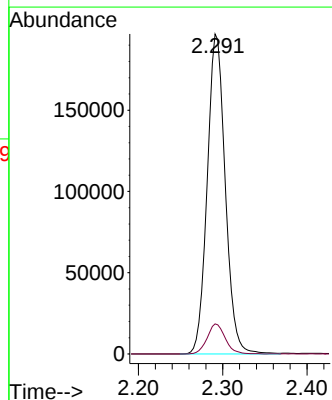
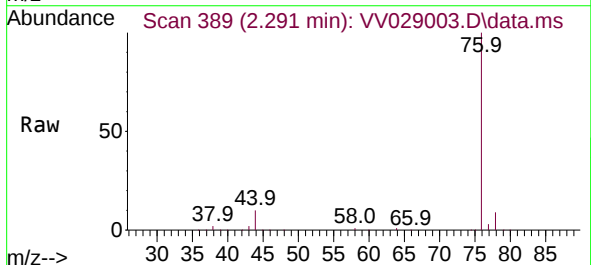
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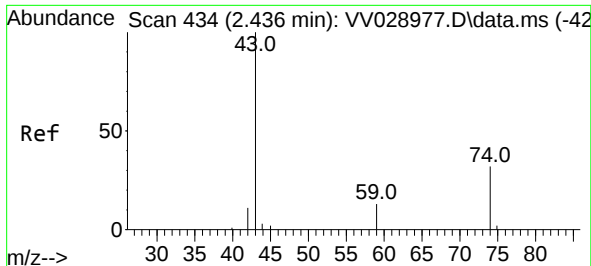
Tgt Ion: 76 Resp: 293578

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

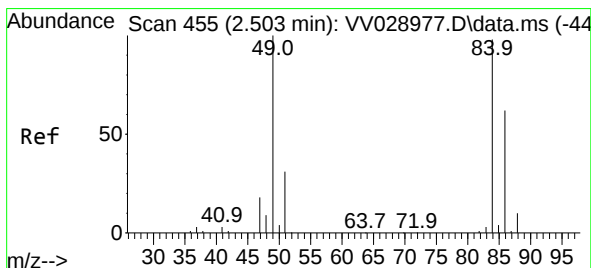
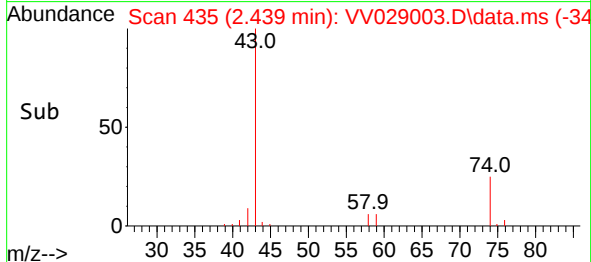
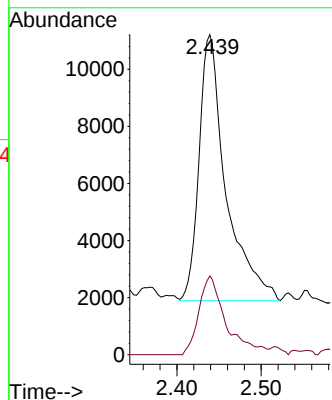
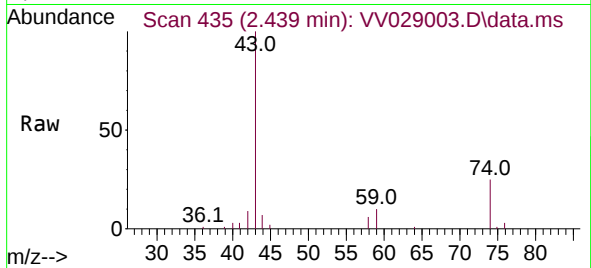




#15
Methyl Acetate
Concen: 4.377 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029003.D
Acq: 15 Nov 2022 20:59

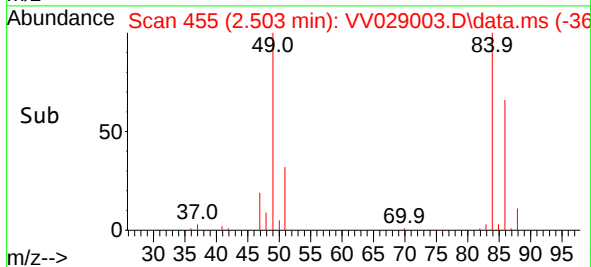
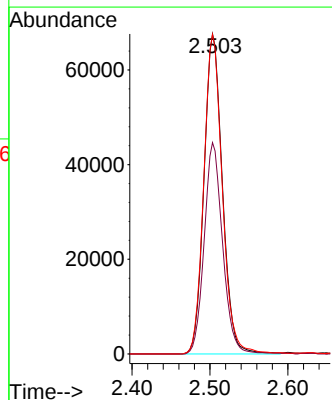
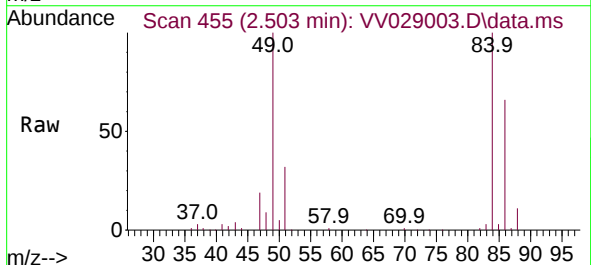
Instrument :
MSVOA_V
ClientSampleId :
VSTD005348

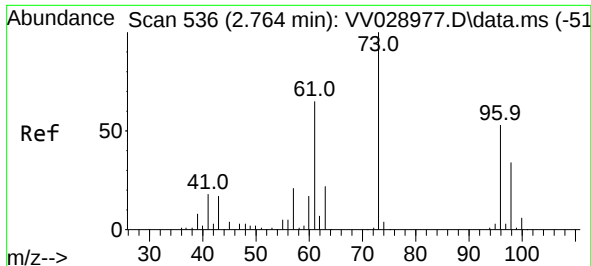
Tgt Ion: 43 Resp: 20743
Ion Ratio Lower Upper
43 100
74 29.8 24.6 37.0



#16
Methylene chloride
Concen: 4.756 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV029003.D
Acq: 15 Nov 2022 20:59

Tgt Ion: 84 Resp: 110749
Ion Ratio Lower Upper
84 100
86 66.0 45.8 85.0
49 99.9 75.5 140.1





#17

Methyl tert-butyl Ether

Concen: 5.014 ug/L

RT: 2.764 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV029003.D

Acq: 15 Nov 2022 20:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005348

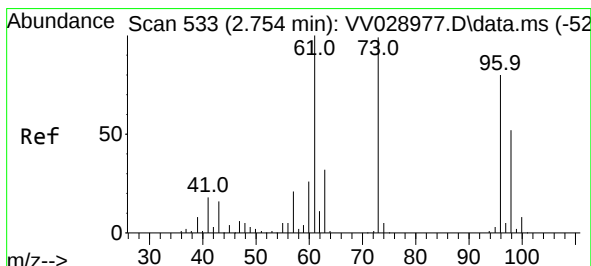
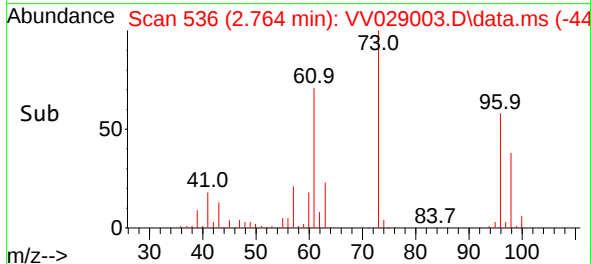
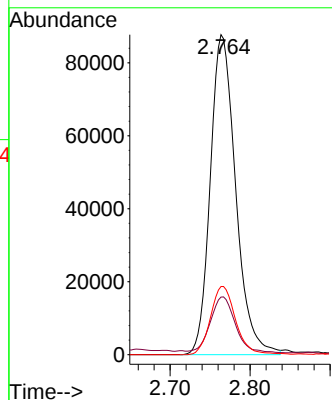
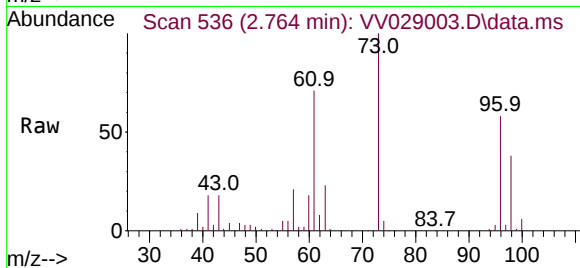
Tgt Ion: 73 Resp: 193586

Ion Ratio Lower Upper

73 100

43 17.3 13.0 19.4

57 21.2 16.6 24.8



#18

trans-1,2-Dichloroethene

Concen: 5.041 ug/L

RT: 2.757 min Scan# 534

Delta R.T. 0.003 min

Lab File: VV029003.D

Acq: 15 Nov 2022 20:59

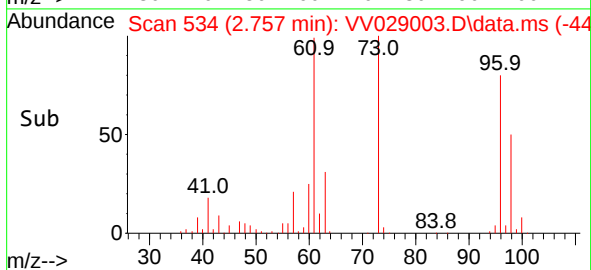
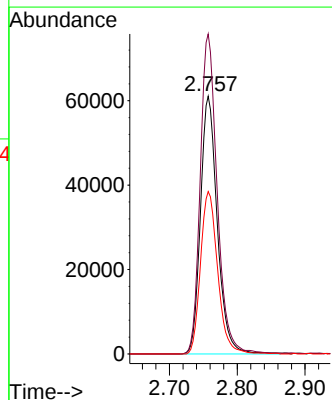
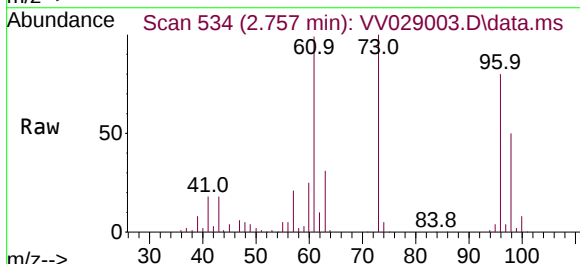
Tgt Ion: 96 Resp: 105281

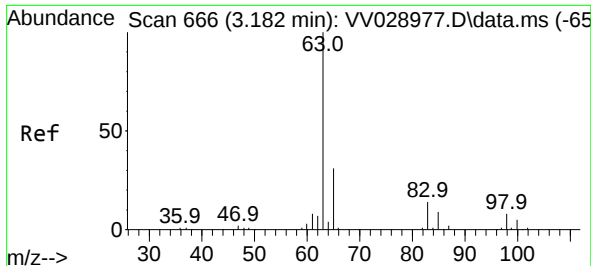
Ion Ratio Lower Upper

96 100

61 124.2 91.8 170.6

98 63.0 46.4 86.2





#19

1,1-Dichloroethane

Concen: 5.057 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029003.D

Acq: 15 Nov 2022 20:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005348

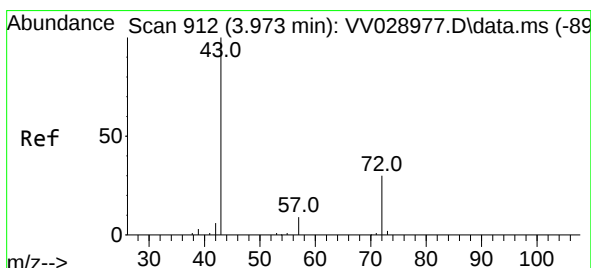
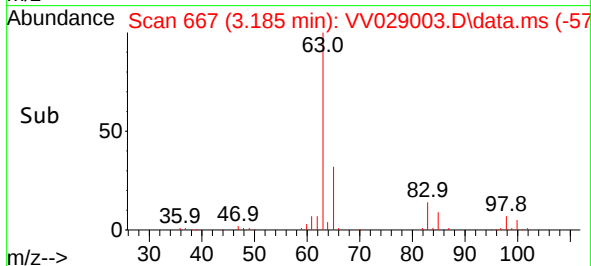
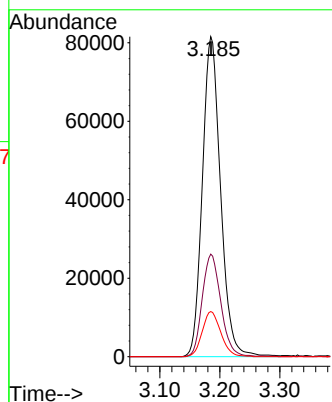
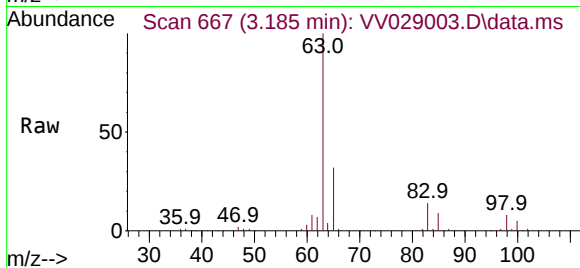
Tgt Ion: 63 Resp: 172664

Ion Ratio Lower Upper

63 100

65 32.1 23.0 42.6

83 14.1 9.4 17.6



#21

2-Butanone

Concen: 36.423 ug/L

RT: 3.985 min Scan# 916

Delta R.T. 0.013 min

Lab File: VV029003.D

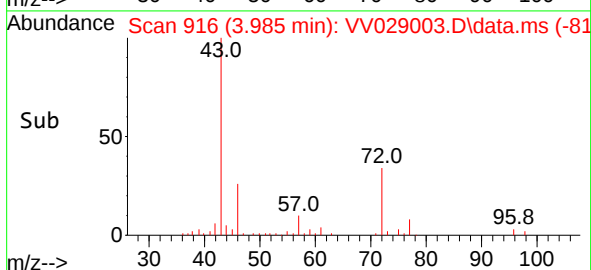
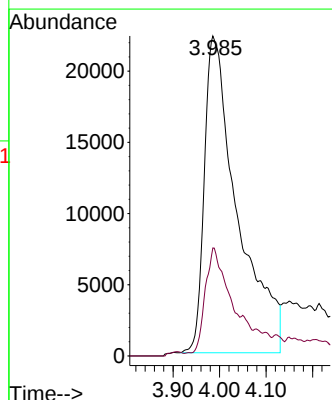
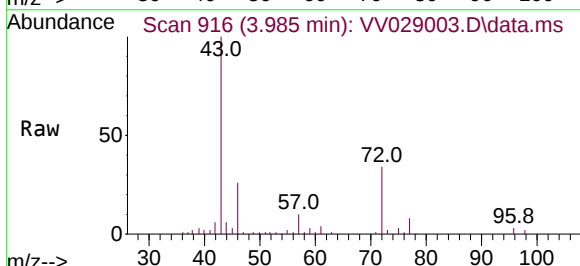
Acq: 15 Nov 2022 20:59

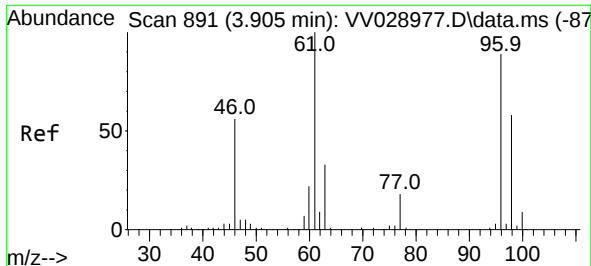
Tgt Ion: 43 Resp: 110122

Ion Ratio Lower Upper

43 100

72 22.8 11.9 35.9





#22

cis-1,2-Dichloroethene

Concen: 5.202 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.000 min

Lab File: VV029003.D

Acq: 15 Nov 2022 20:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005348

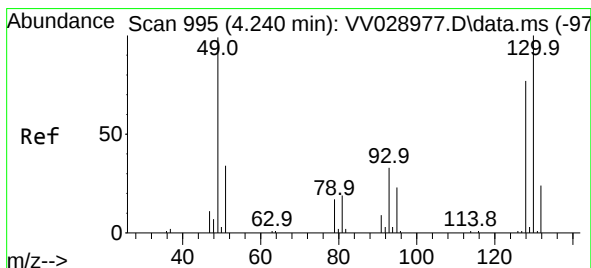
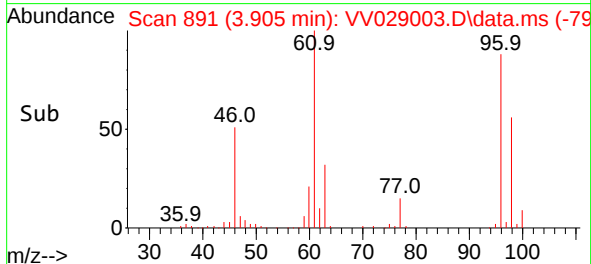
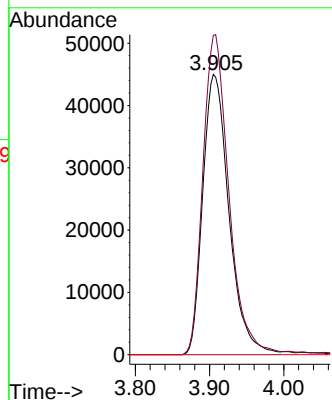
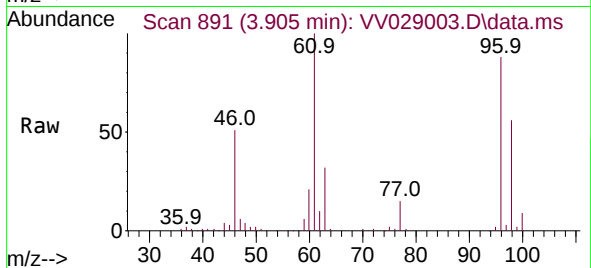
Tgt Ion: 96 Resp: 110448

Ion Ratio Lower Upper

96 100

61 114.0 82.3 152.9

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.344 ug/L

RT: 4.243 min Scan# 996

Delta R.T. 0.003 min

Lab File: VV029003.D

Acq: 15 Nov 2022 20:59

Tgt Ion: 128 Resp: 47991

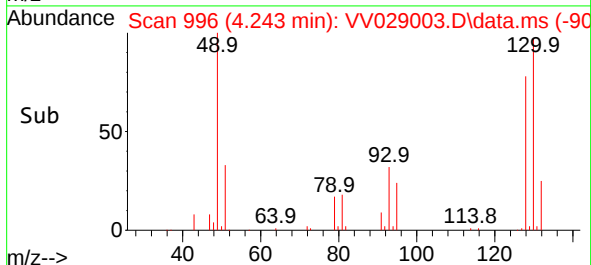
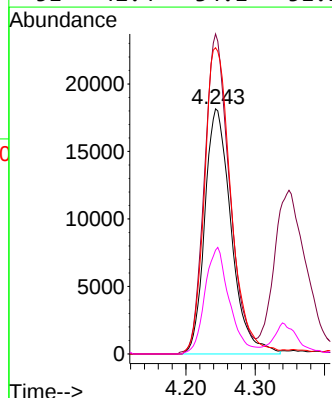
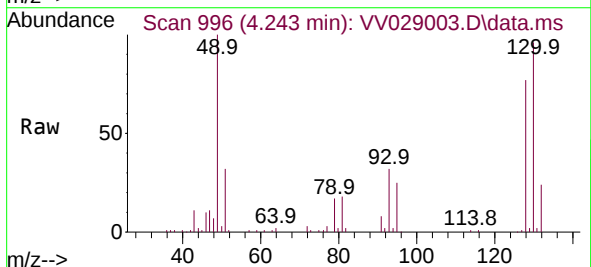
Ion Ratio Lower Upper

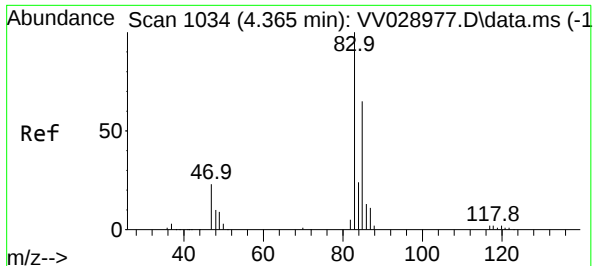
128 100

49 130.5 89.5 166.1

130 124.9 84.4 156.8

51 42.4 34.1 51.1





#25

Chloroform

Concen: 5.170 ug/L

RT: 4.368 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VV029003.D

Acq: 15 Nov 2022 20:59

Instrument :

MSVOA_V

ClientSampleId :

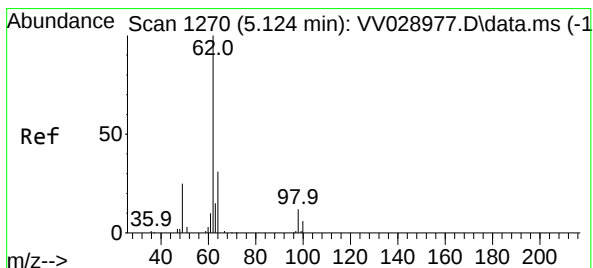
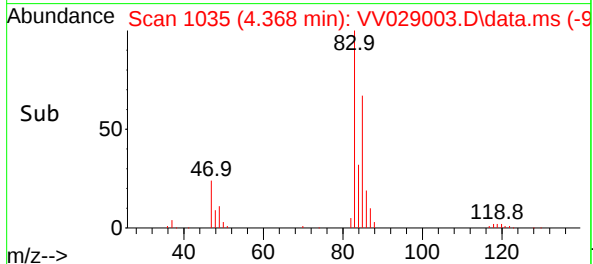
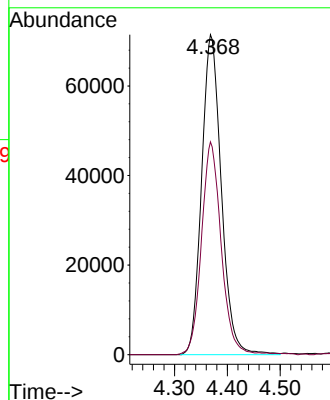
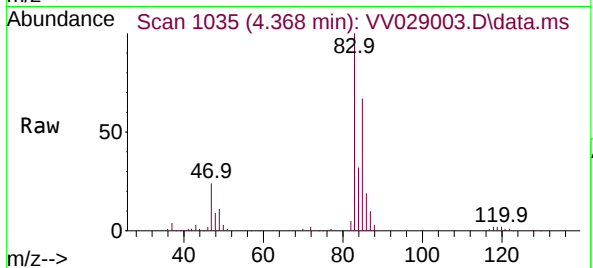
VSTD005348

Tgt Ion: 83 Resp: 185043

Ion Ratio Lower Upper

83 100

85 66.5 43.7 81.1



#27

1,2-Dichloroethane

Concen: 5.118 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VV029003.D

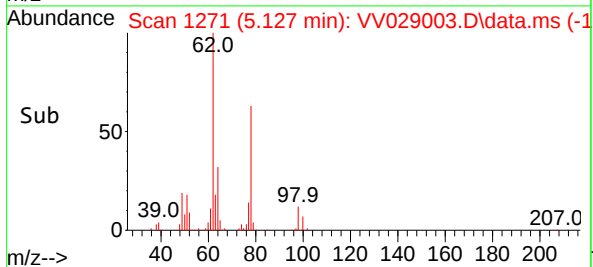
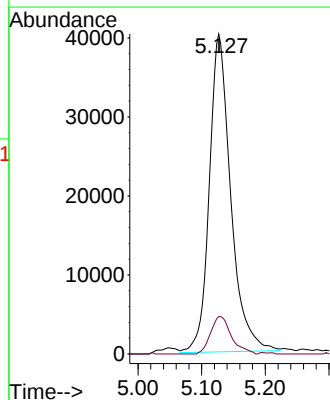
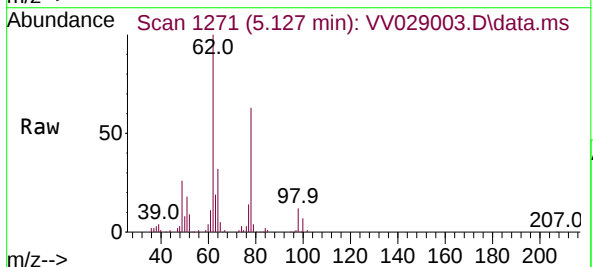
Acq: 15 Nov 2022 20:59

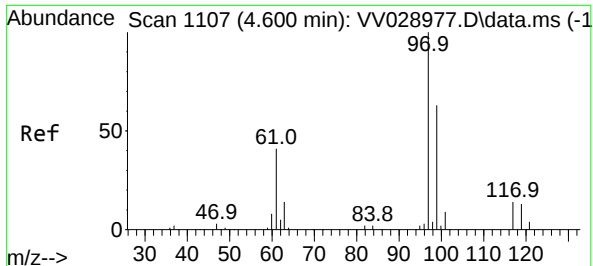
Tgt Ion: 62 Resp: 94349

Ion Ratio Lower Upper

62 100

98 11.7 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 4.877 ug/L

RT: 4.603 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV029003.D

Acq: 15 Nov 2022 20:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005348

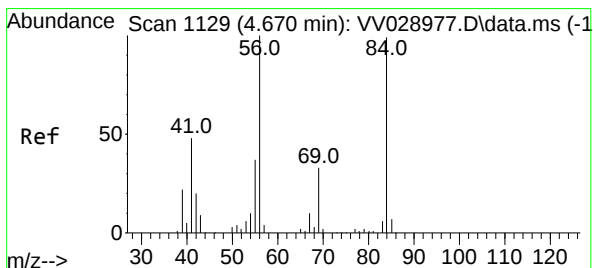
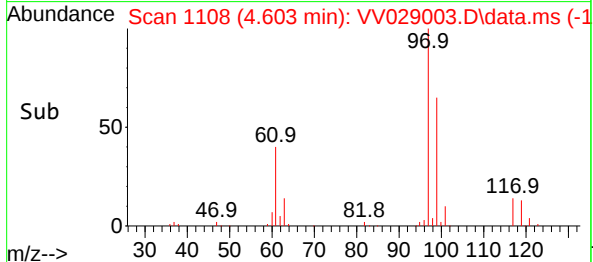
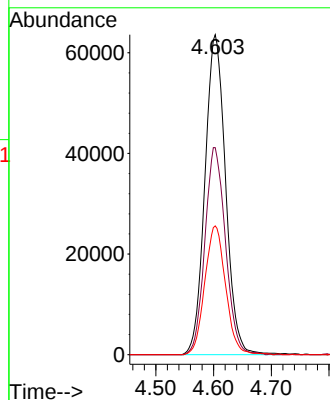
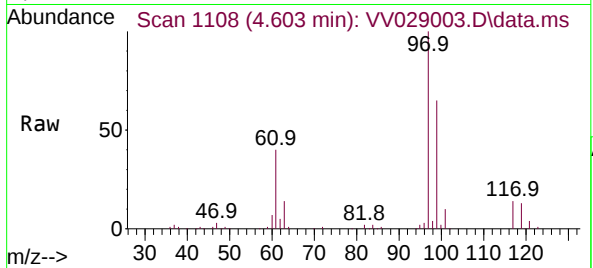
Tgt Ion: 97 Resp: 158373

Ion Ratio Lower Upper

97 100

99 64.6 52.7 79.1

61 40.6 33.8 50.6



#30

Cyclohexane

Concen: 4.756 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VV029003.D

Acq: 15 Nov 2022 20:59

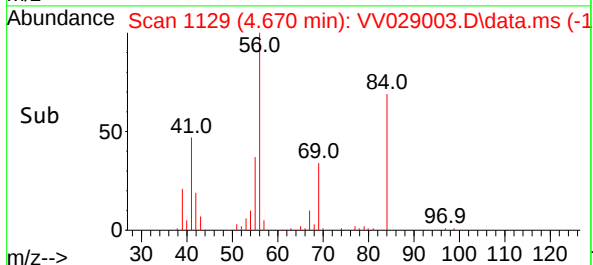
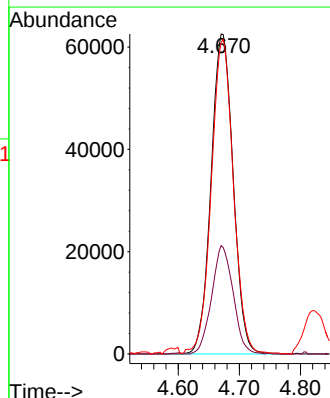
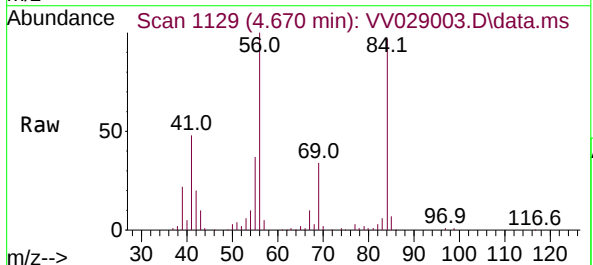
Tgt Ion: 56 Resp: 156955

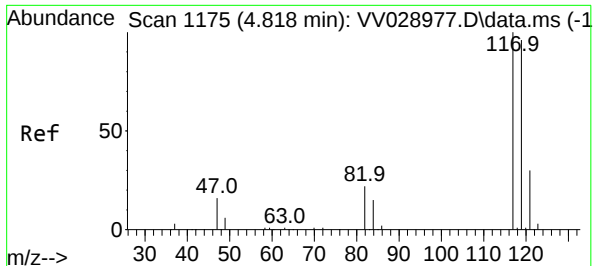
Ion Ratio Lower Upper

56 100

69 32.8 26.1 39.1

84 98.3 77.9 116.9

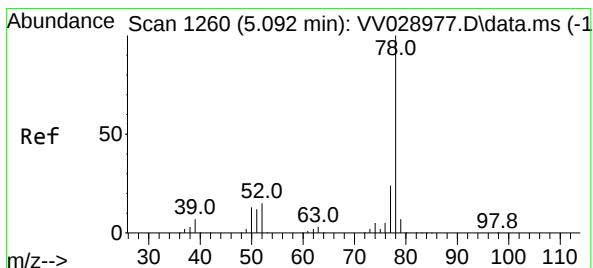
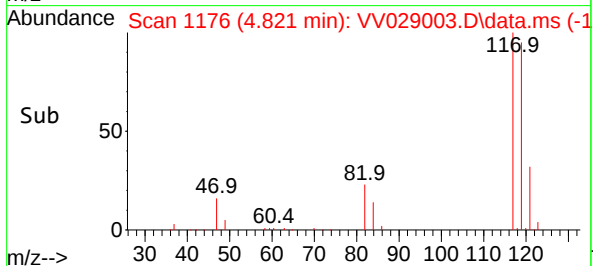
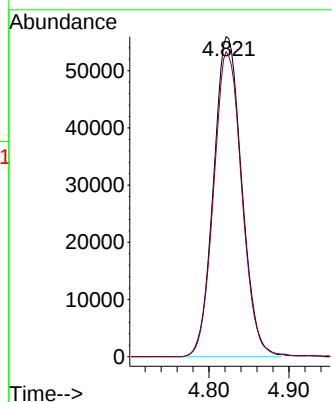
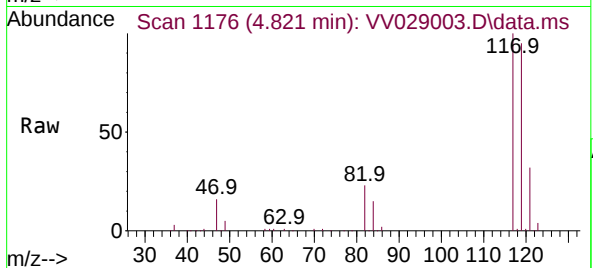




#31
Carbon tetrachloride
Concen: 4.883 ug/L
RT: 4.821 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV029003.D
Acq: 15 Nov 2022 20:59

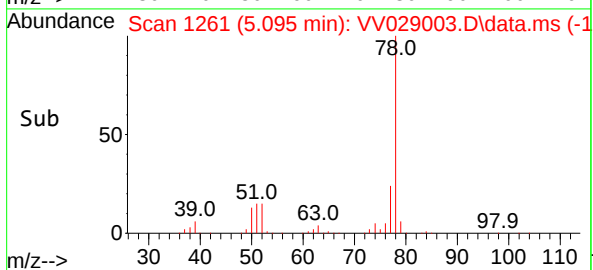
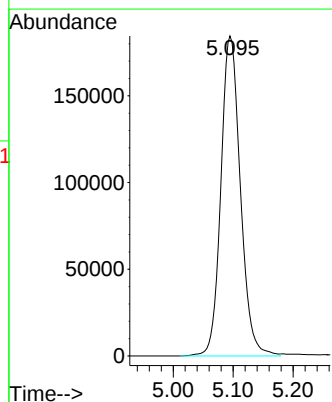
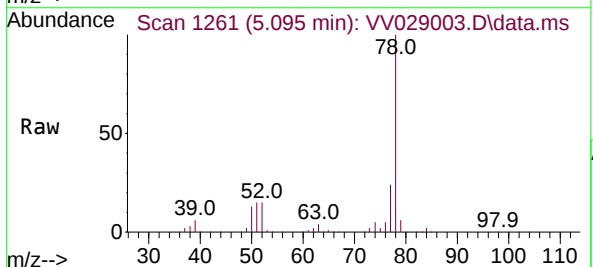
Instrument :
MSVOA_V
ClientSampleId :
VSTD005348

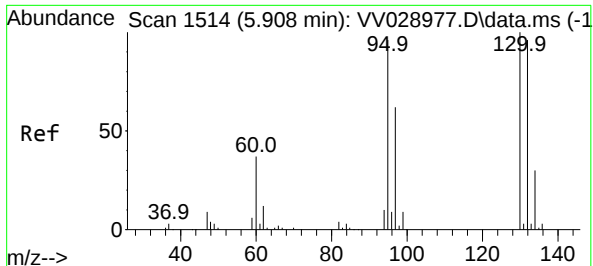
Tgt Ion:117 Resp: 136550
Ion Ratio Lower Upper
117 100
119 95.5 77.0 115.6



#33
Benzene
Concen: 4.917 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV029003.D
Acq: 15 Nov 2022 20:59

Tgt Ion: 78 Resp: 415787

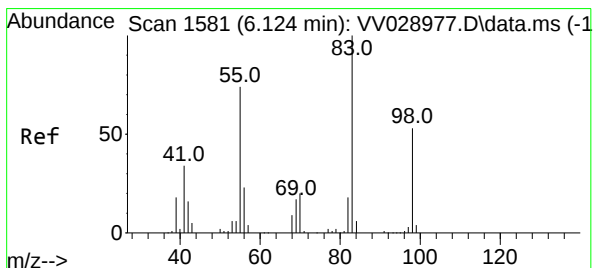
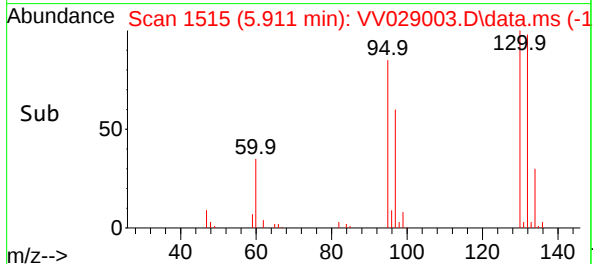
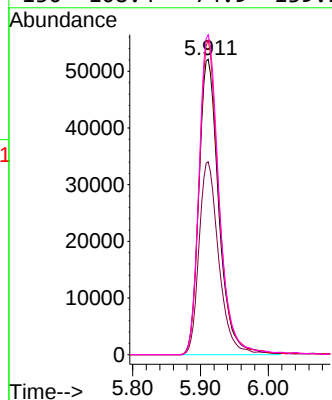
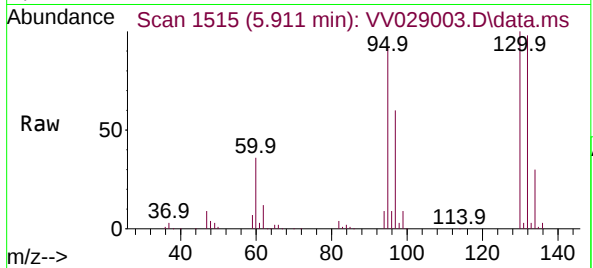




#34
Trichloroethene
Concen: 4.918 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV029003.D
Acq: 15 Nov 2022 20:59

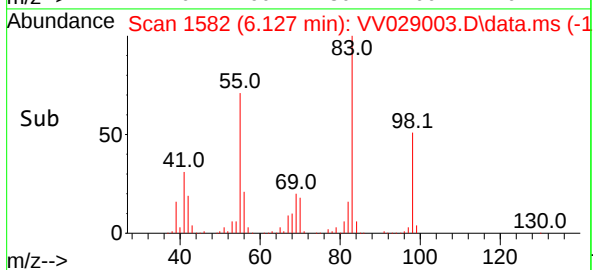
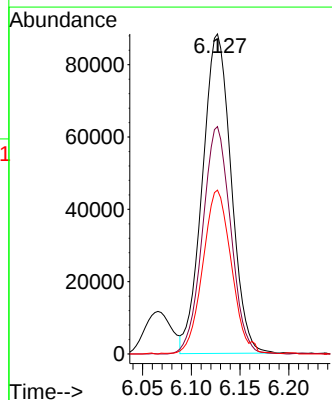
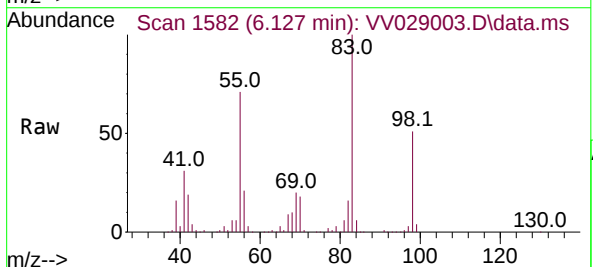
Instrument :
MSVOA_V
ClientSampleId :
VSTD005348

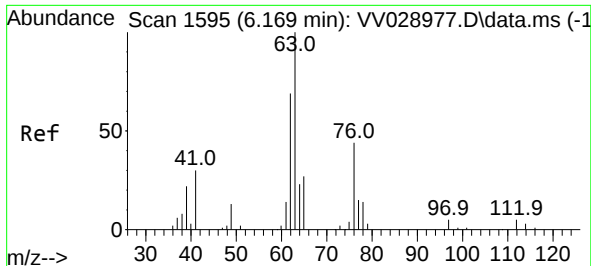
Tgt Ion: 95 Resp: 106469
Ion Ratio Lower Upper
95 100
97 65.3 45.6 84.8
132 106.5 69.1 128.3
130 108.4 74.9 139.1



#35
Methylcyclohexane
Concen: 4.762 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV029003.D
Acq: 15 Nov 2022 20:59

Tgt Ion: 83 Resp: 181201
Ion Ratio Lower Upper
83 100
55 69.8 55.8 83.6
98 51.2 38.2 57.2





#37

1,2-Dichloropropane

Concen: 4.813 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV029003.D

Acq: 15 Nov 2022 20:59

Instrument :

MSVOA_V

ClientSampleId :

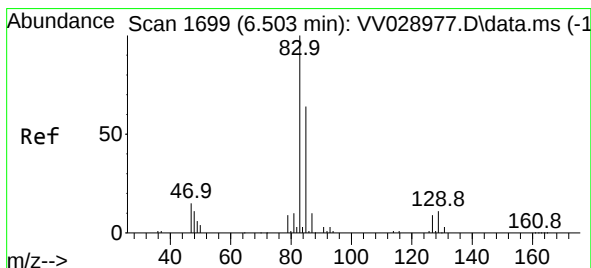
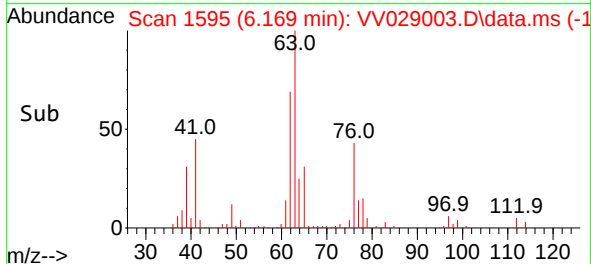
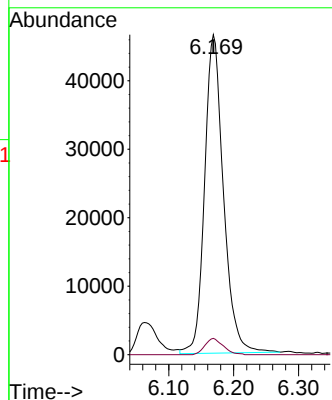
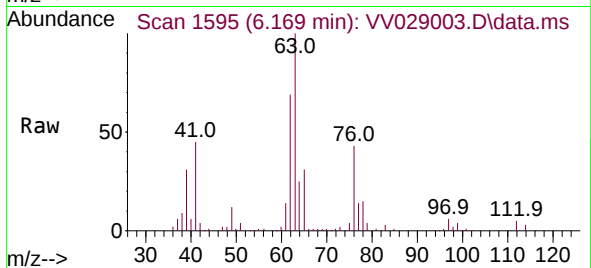
VSTD005348

Tgt Ion: 63 Resp: 93853

Ion Ratio Lower Upper

63 100

112 5.0 4.0 6.0



#38

Bromodichloromethane

Concen: 4.766 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV029003.D

Acq: 15 Nov 2022 20:59

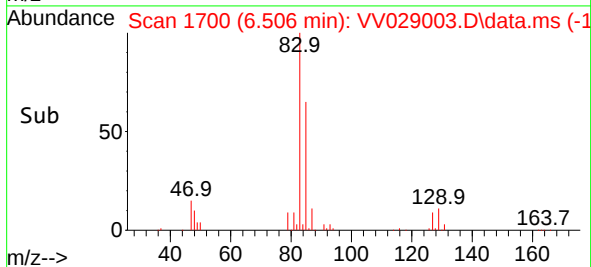
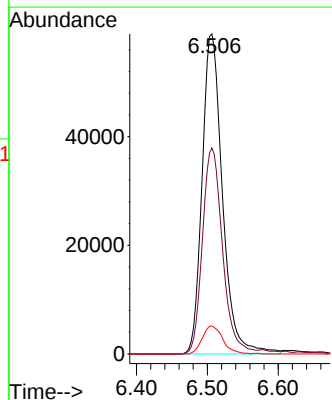
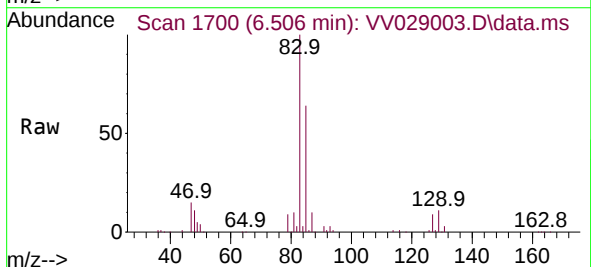
Tgt Ion: 83 Resp: 117703

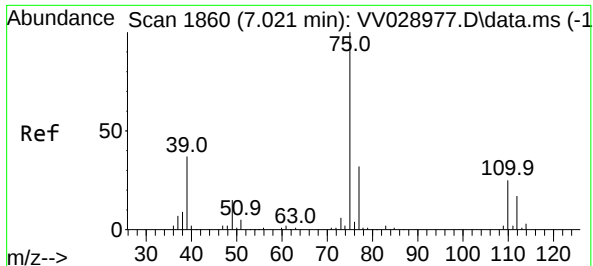
Ion Ratio Lower Upper

83 100

85 64.4 46.1 85.5

127 8.7 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.582 ug/L

RT: 7.024 min Scan# 1860

Delta R.T. 0.003 min

Lab File: VV029003.D

Acq: 15 Nov 2022 20:59

Instrument :

MSVOA_V

ClientSampleId :

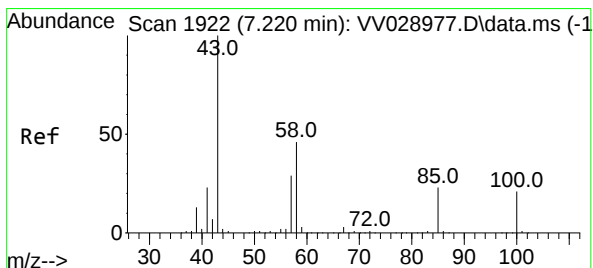
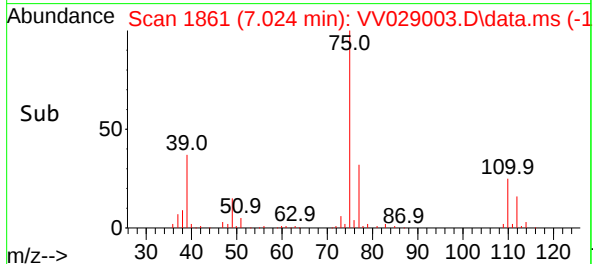
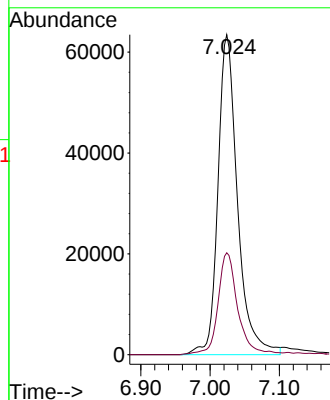
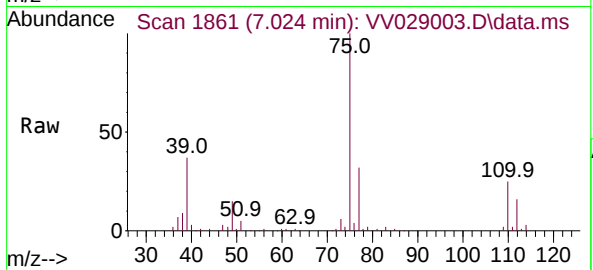
VSTD005348

Tgt Ion: 75 Resp: 124756

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 51.768 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV029003.D

Acq: 15 Nov 2022 20:59

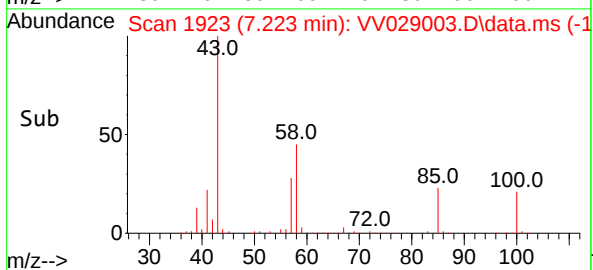
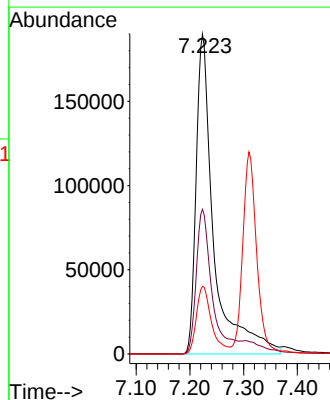
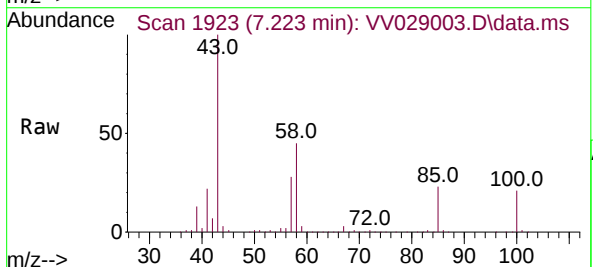
Tgt Ion: 43 Resp: 434345

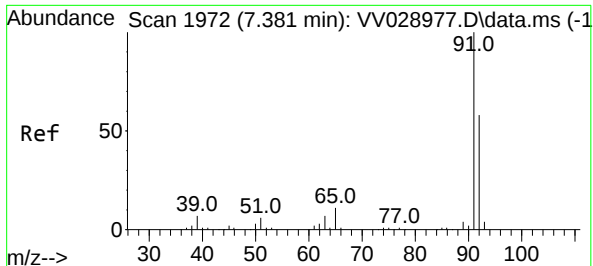
Ion Ratio Lower Upper

43 100

58 40.4 36.6 55.0

100 18.3 14.5 21.7





#42

Toluene

Concen: 5.029 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. -0.000 min

Lab File: VV029003.D

Acq: 15 Nov 2022 20:59

Instrument :

MSVOA_V

ClientSampleId :

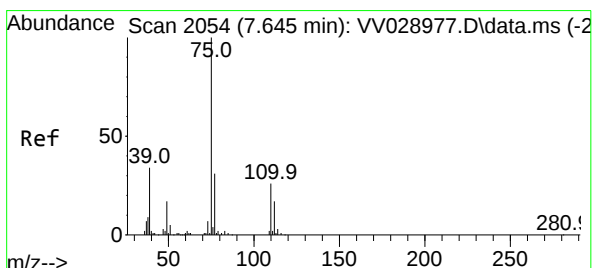
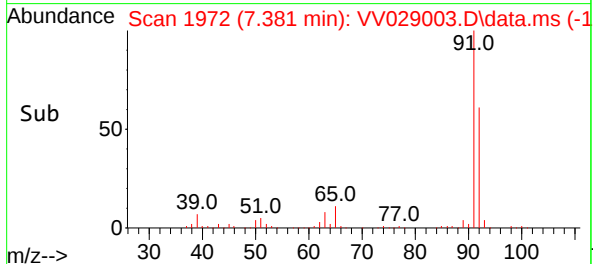
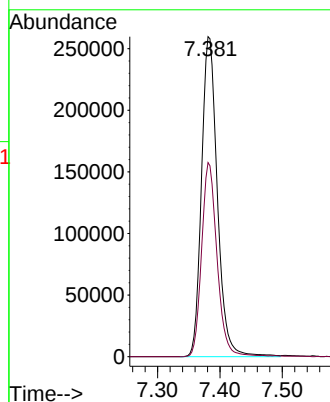
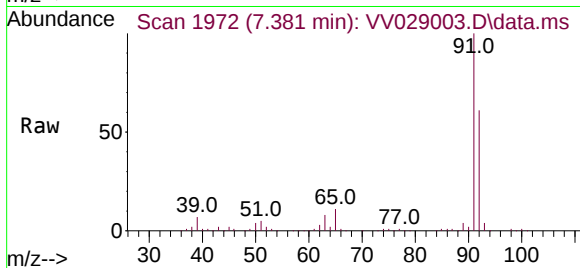
VSTD005348

Tgt Ion: 91 Resp: 459440

Ion Ratio Lower Upper

91 100

92 60.6 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 4.604 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.003 min

Lab File: VV029003.D

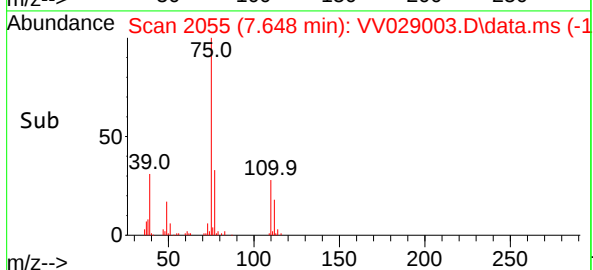
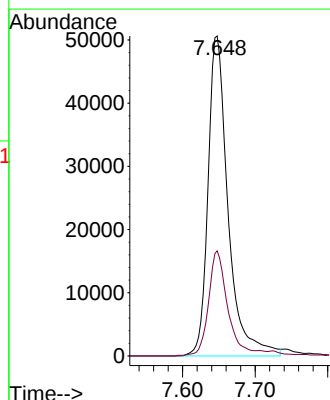
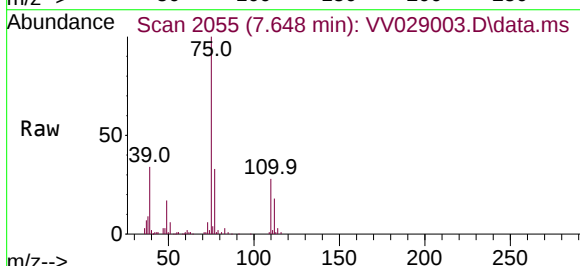
Acq: 15 Nov 2022 20:59

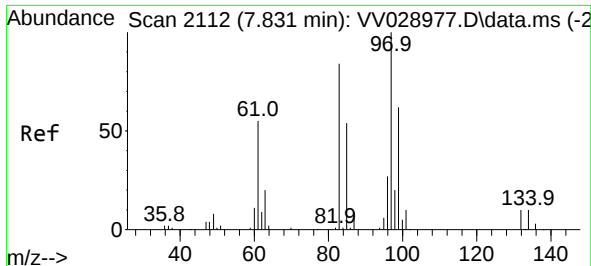
Tgt Ion: 75 Resp: 97310

Ion Ratio Lower Upper

75 100

77 32.8 22.2 41.2

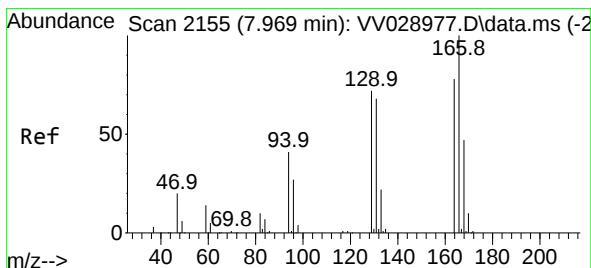
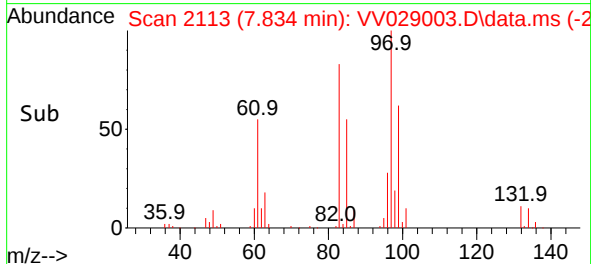
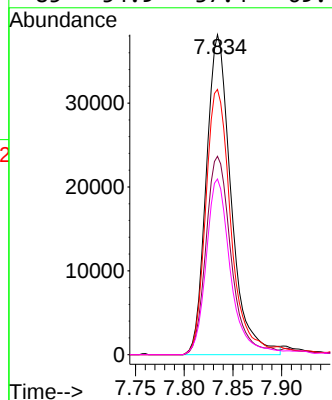
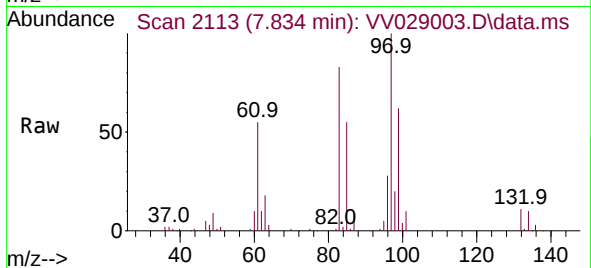




#45
1,1,2-Trichloroethane
Concen: 5.307 ug/L
RT: 7.834 min Scan# 2112
Delta R.T. 0.003 min
Lab File: VV029003.D
Acq: 15 Nov 2022 20:59

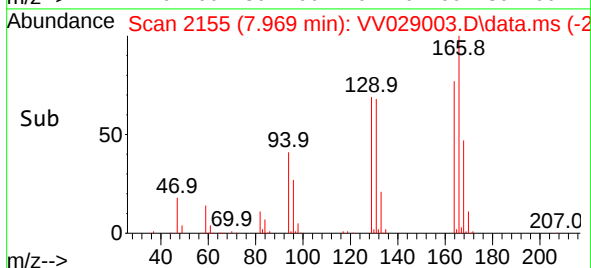
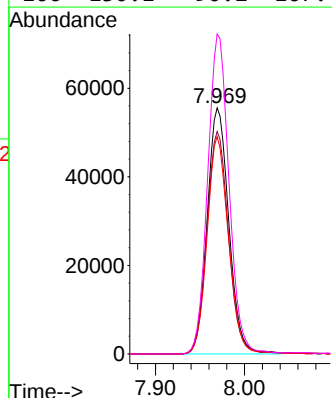
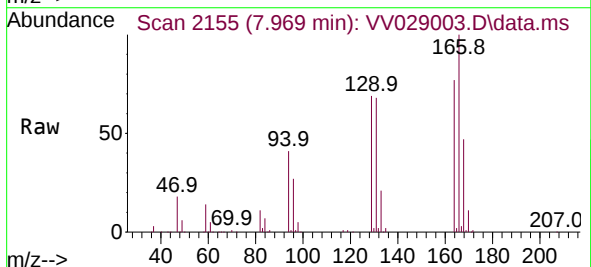
Instrument :
MSVOA_V
ClientSampleId :
VSTD005348

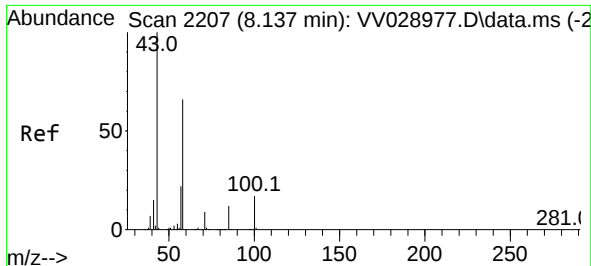
Tgt Ion:	97	Resp:	67749
Ion	Ratio	Lower	Upper
97	100		
99	62.0	41.5	77.1
83	82.9	60.0	111.4
85	54.9	37.4	69.4



#47
Tetrachloroethene
Concen: 5.387 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VV029003.D
Acq: 15 Nov 2022 20:59

Tgt Ion:	164	Resp:	93389
Ion	Ratio	Lower	Upper
164	100		
129	90.4	63.9	118.7
131	88.3	61.8	114.8
166	130.1	90.2	167.4



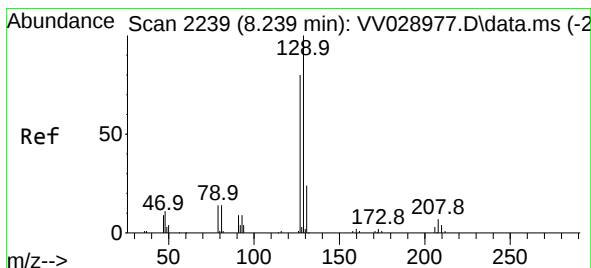
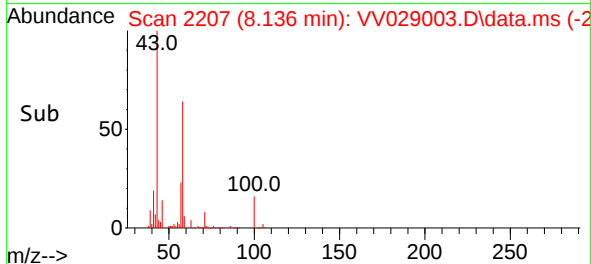
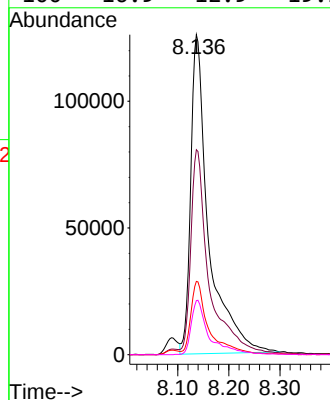
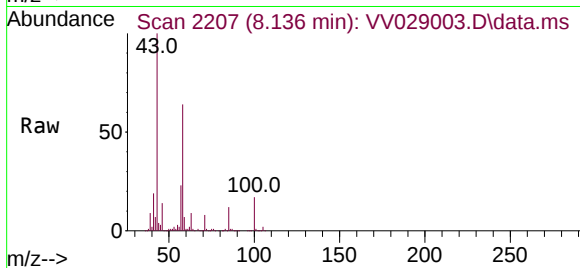


#48
2-Hexanone
Concen: 52.239 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029003.D
Acq: 15 Nov 2022 20:59

Instrument :
MSVOA_V
ClientSampleId :
VSTD005348

Tgt Ion: 43 Resp: 307023

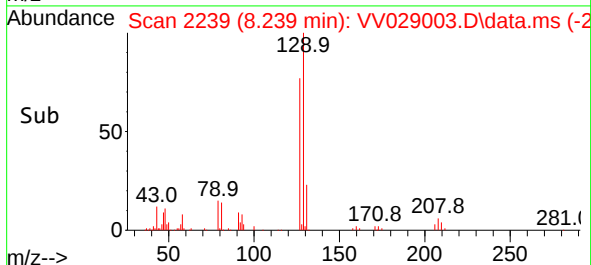
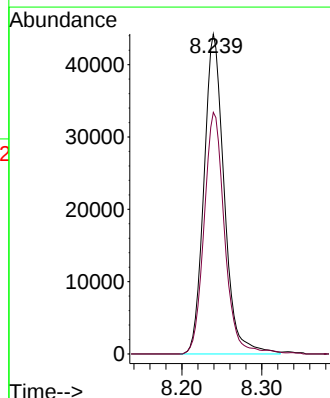
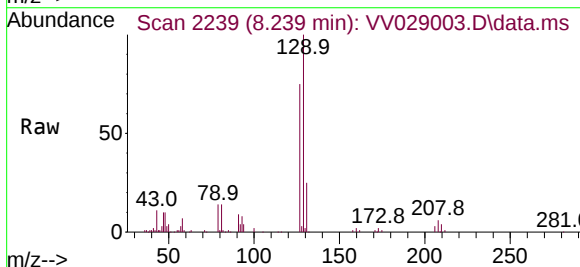
Ion	Ratio	Lower	Upper
43	100		
58	65.2	50.2	75.4
57	22.1	17.8	26.8
100	16.9	12.9	19.3

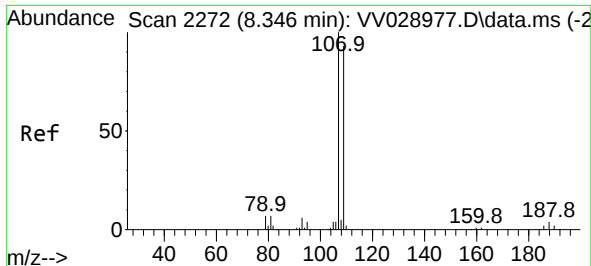


#49
Dibromochloromethane
Concen: 5.048 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VV029003.D
Acq: 15 Nov 2022 20:59

Tgt Ion: 129 Resp: 77914

Ion	Ratio	Lower	Upper
129	100		
127	75.5	54.5	101.1





#50

1,2-Dibromoethane

Concen: 5.375 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV029003.D

Acq: 15 Nov 2022 20:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005348

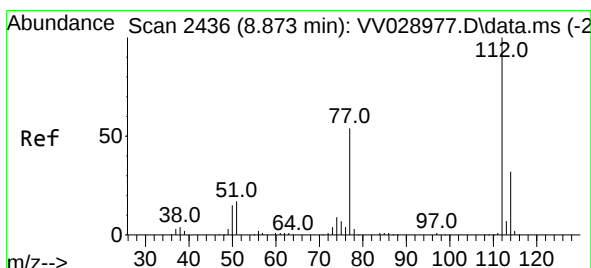
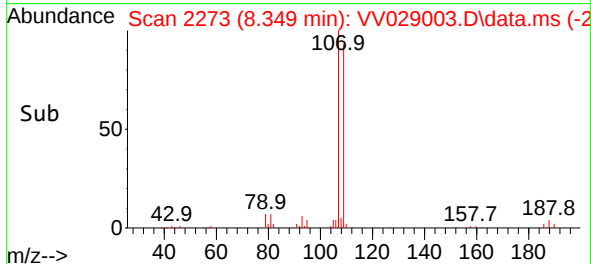
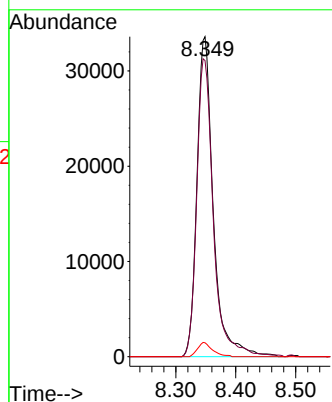
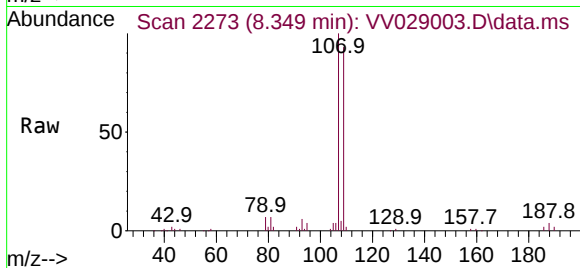
Tgt Ion:107 Resp: 63741

Ion Ratio Lower Upper

107 100

109 92.5 64.4 119.6

188 4.4 2.9 4.3#



#51

Chlorobenzene

Concen: 5.291 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. 0.003 min

Lab File: VV029003.D

Acq: 15 Nov 2022 20:59

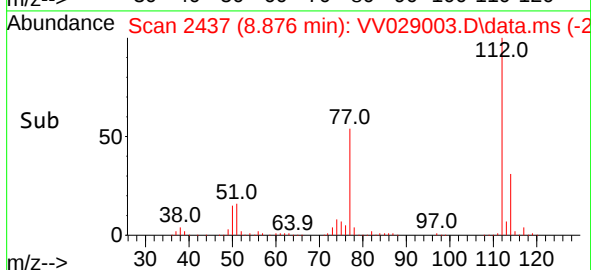
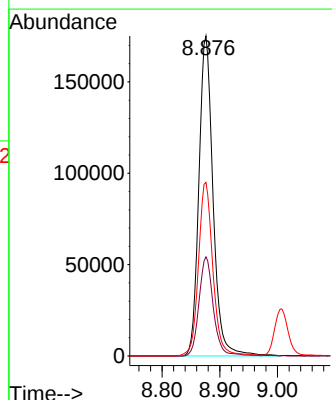
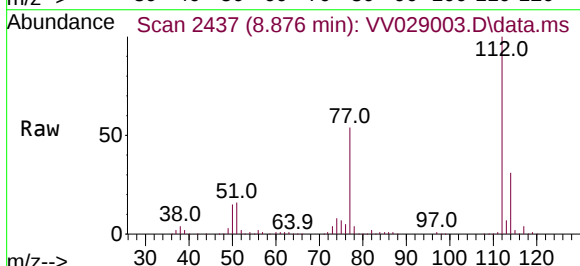
Tgt Ion:112 Resp: 298858

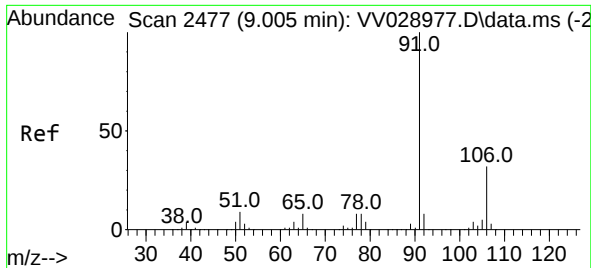
Ion Ratio Lower Upper

112 100

114 31.0 22.4 41.6

77 54.2 44.4 66.6

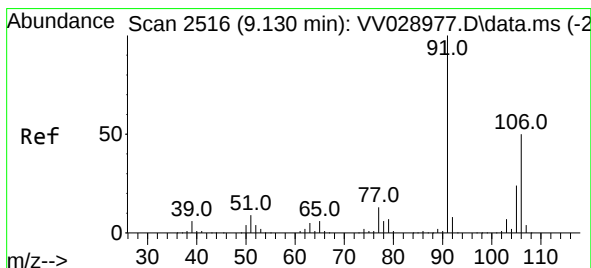
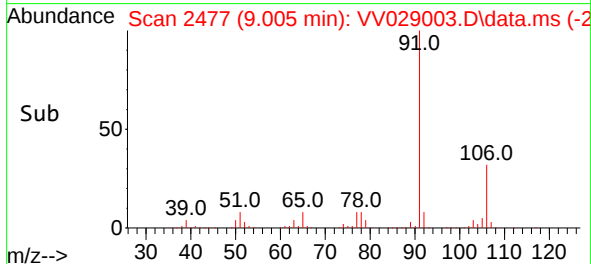
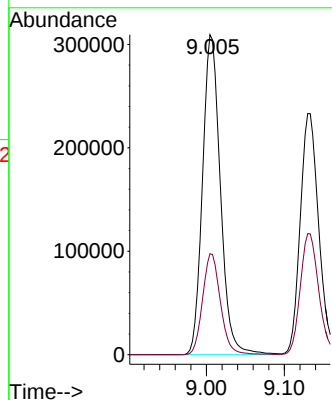
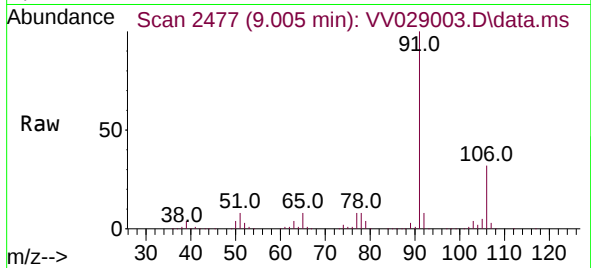




#52
Ethylbenzene
Concen: 5.184 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. -0.000 min
Lab File: VV029003.D
Acq: 15 Nov 2022 20:59

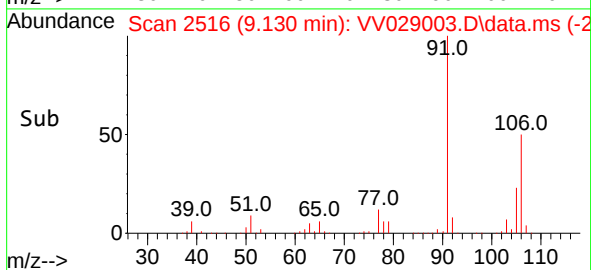
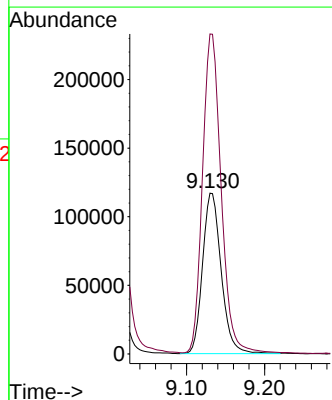
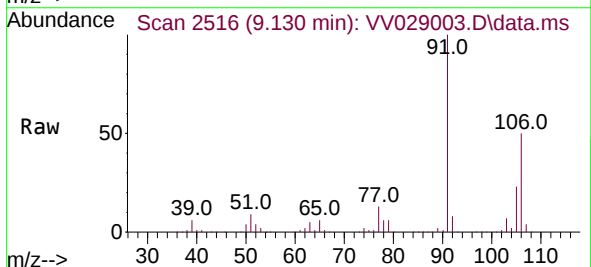
Instrument :
MSVOA_V
ClientSampleId :
VSTD005348

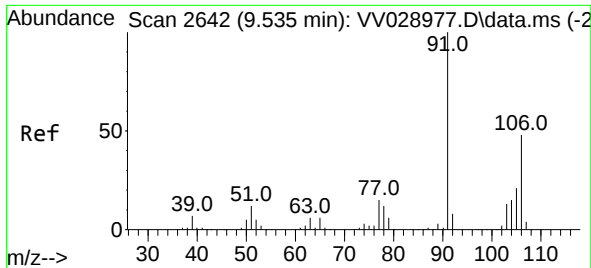
Tgt Ion: 91 Resp: 493034
Ion Ratio Lower Upper
91 100
106 31.5 21.6 40.2



#53
m,p-Xylene
Concen: 5.143 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VV029003.D
Acq: 15 Nov 2022 20:59

Tgt Ion: 106 Resp: 194533
Ion Ratio Lower Upper
106 100
91 199.1 139.1 258.3

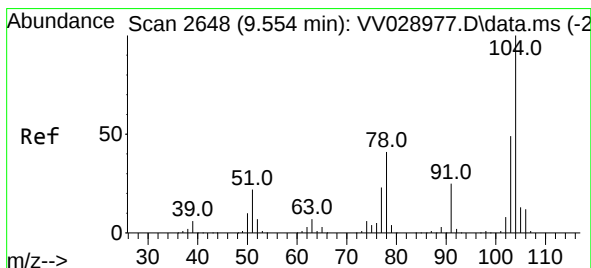
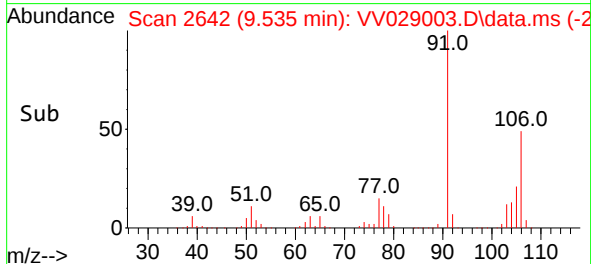
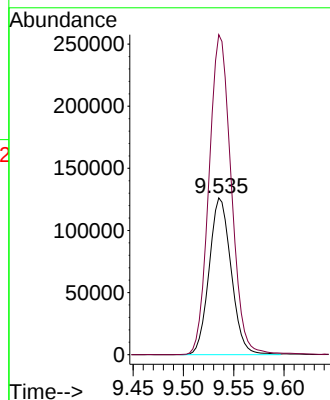
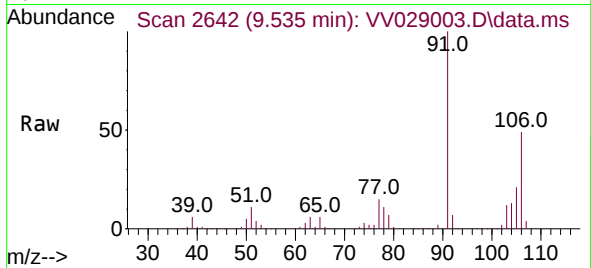




#54
o-Xylene
Concen: 5.345 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.000 min
Lab File: VV029003.D
Acq: 15 Nov 2022 20:59

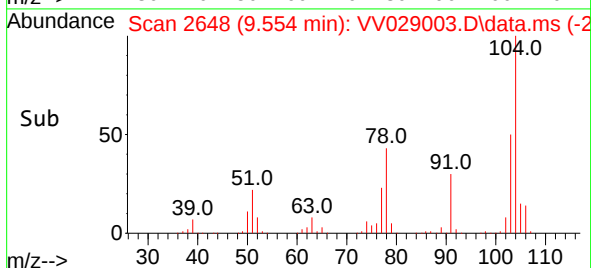
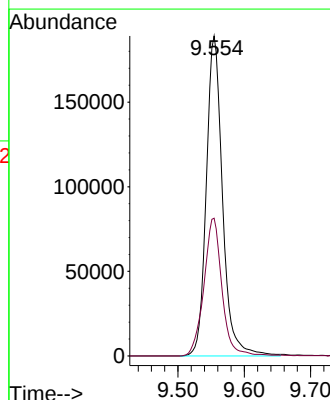
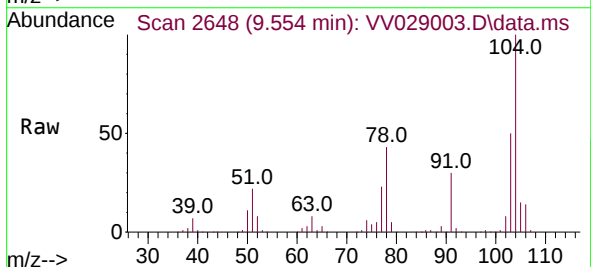
Instrument :
MSVOA_V
ClientSampleId :
VSTD005348

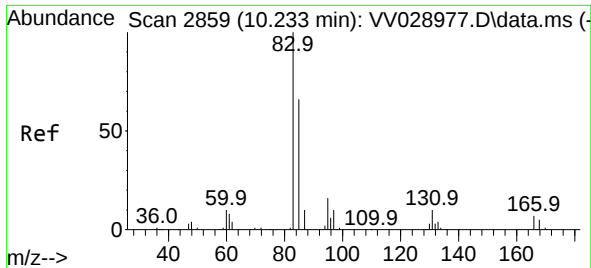
Tgt Ion:106 Resp: 192210
Ion Ratio Lower Upper
106 100
91 204.1 145.7 270.7



#55
Styrene
Concen: 5.342 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. -0.000 min
Lab File: VV029003.D
Acq: 15 Nov 2022 20:59

Tgt Ion:104 Resp: 322192
Ion Ratio Lower Upper
104 100
78 43.0 30.1 55.9

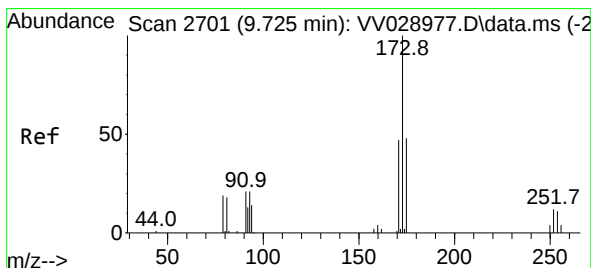
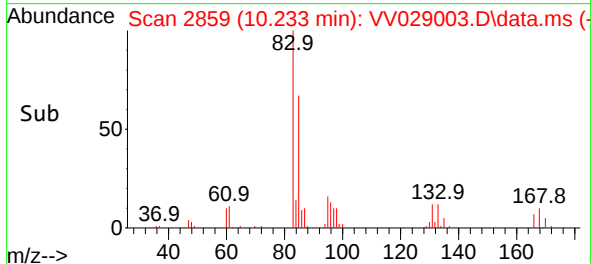
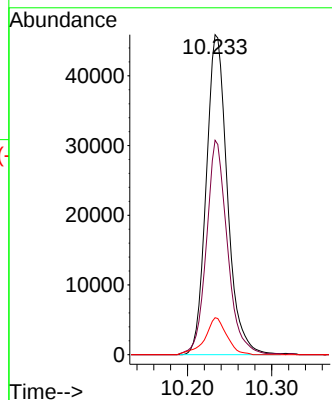
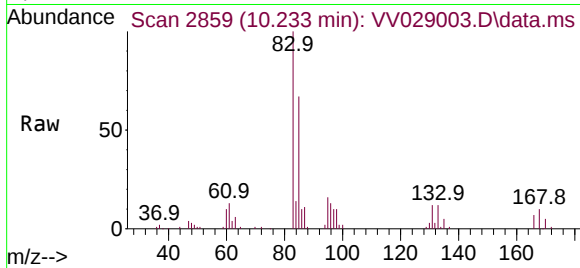




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.381 ug/L
 RT: 10.233 min Scan# 2859
 Delta R.T. -0.000 min
 Lab File: VV029003.D
 Acq: 15 Nov 2022 20:59

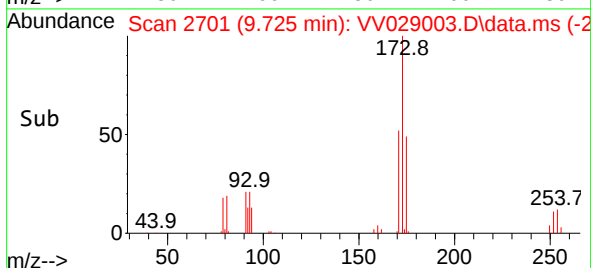
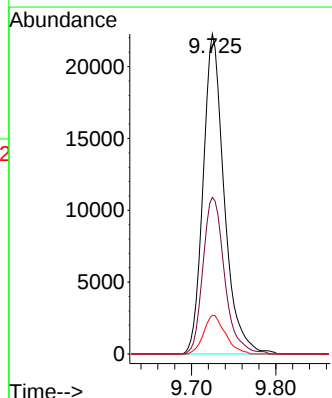
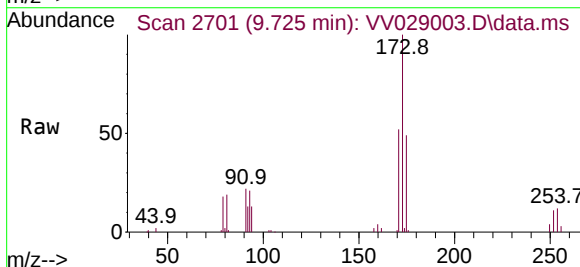
Instrument : MSVOA_V
 ClientSampleId : VSTD005348

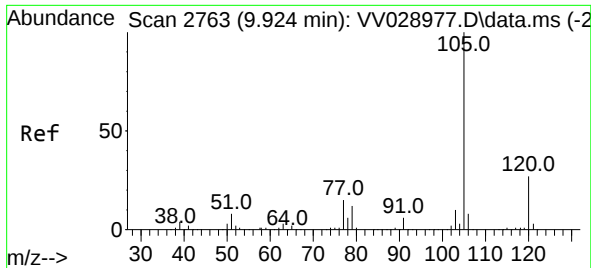
Tgt Ion: 83 Resp: 80072
 Ion Ratio Lower Upper
 83 100
 85 67.0 45.2 84.0
 131 11.6 7.5 11.3#



#59
 Bromoform
 Concen: 4.923 ug/L
 RT: 9.725 min Scan# 2701
 Delta R.T. -0.000 min
 Lab File: VV029003.D
 Acq: 15 Nov 2022 20:59

Tgt Ion: 173 Resp: 38774
 Ion Ratio Lower Upper
 173 100
 175 50.3 38.2 57.4
 254 12.4 8.5 12.7

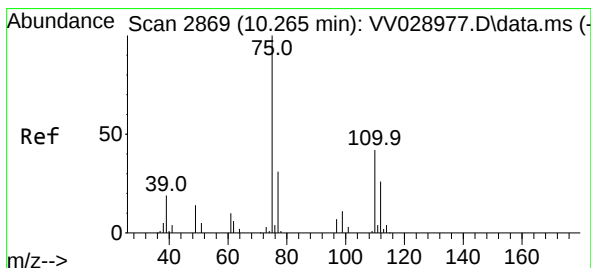
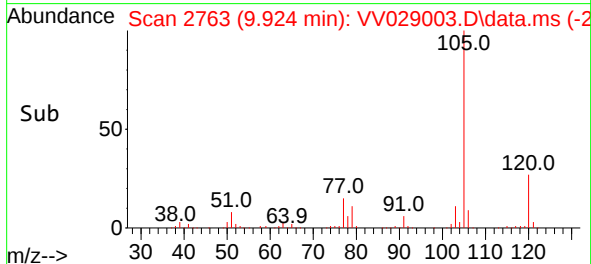
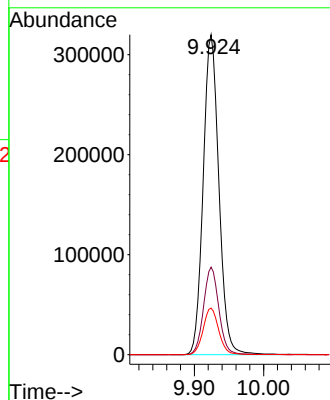
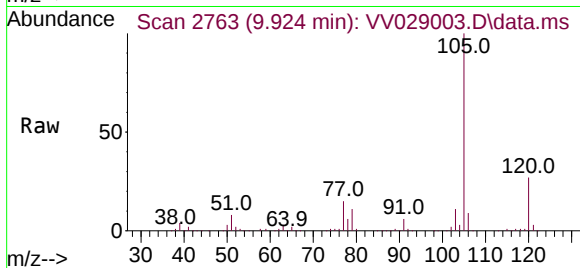




#60
Isopropylbenzene
Concen: 5.369 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029003.D
Acq: 15 Nov 2022 20:59

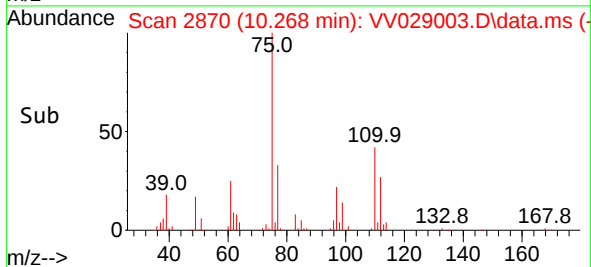
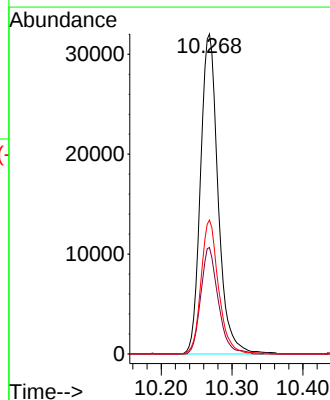
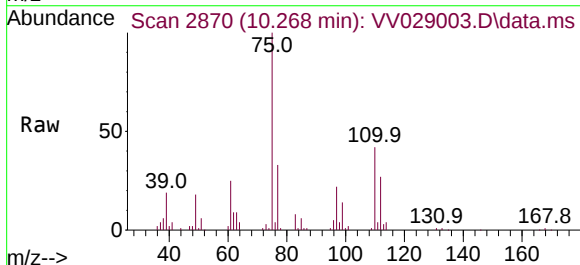
Instrument :
MSVOA_V
ClientSampleId :
VSTD005348

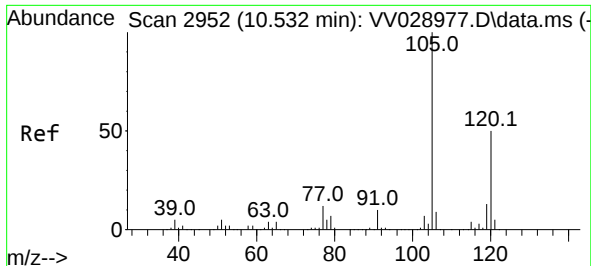
Tgt Ion:105 Resp: 503495
Ion Ratio Lower Upper
105 100
120 26.7 21.3 31.9
77 14.5 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.599 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.003 min
Lab File: VV029003.D
Acq: 15 Nov 2022 20:59

Tgt Ion: 75 Resp: 55281
Ion Ratio Lower Upper
75 100
77 32.9 26.2 39.2
110 41.4 32.6 48.8





#62

1,3,5-Trimethylbenzene

Concen: 5.408 ug/L

RT: 10.532 min Scan# 2952

Delta R.T. -0.000 min

Lab File: VV029003.D

Acq: 15 Nov 2022 20:59

Instrument :

MSVOA_V

ClientSampleId :

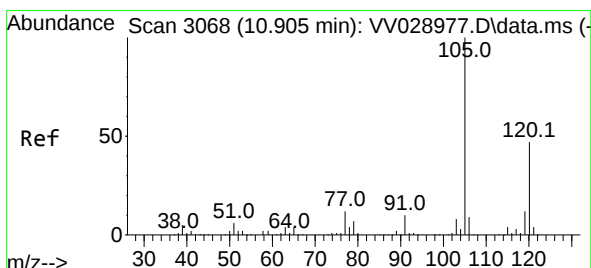
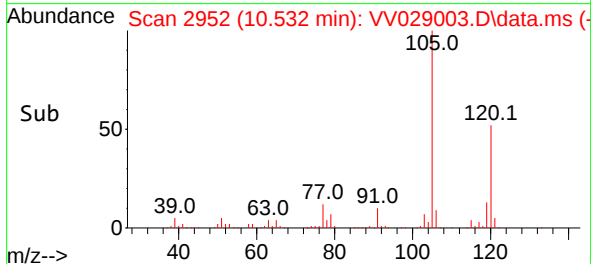
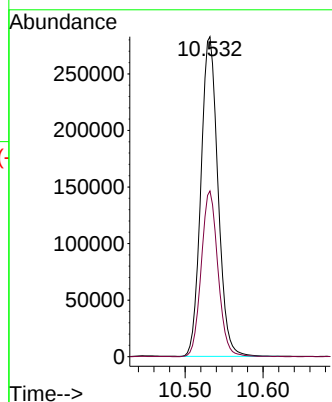
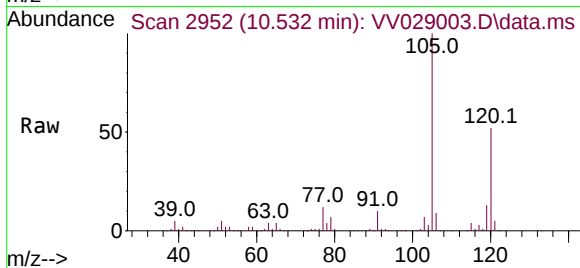
VSTD005348

Tgt Ion:105 Resp: 429636

Ion Ratio Lower Upper

105 100

120 50.8 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 5.384 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. -0.000 min

Lab File: VV029003.D

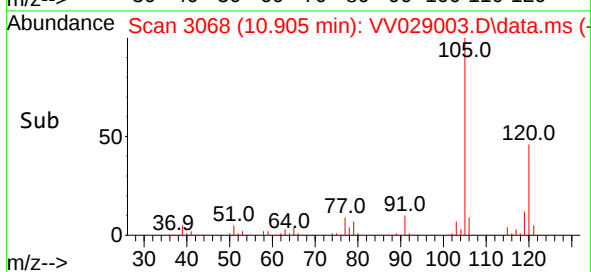
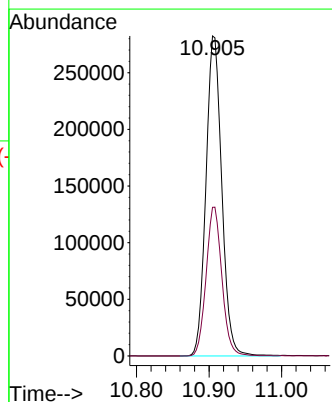
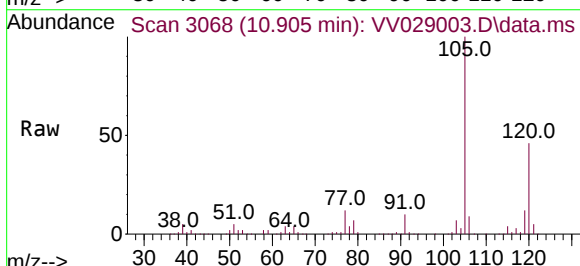
Acq: 15 Nov 2022 20:59

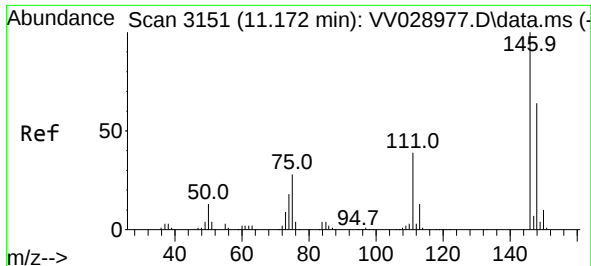
Tgt Ion:105 Resp: 428470

Ion Ratio Lower Upper

105 100

120 46.4 37.8 56.8

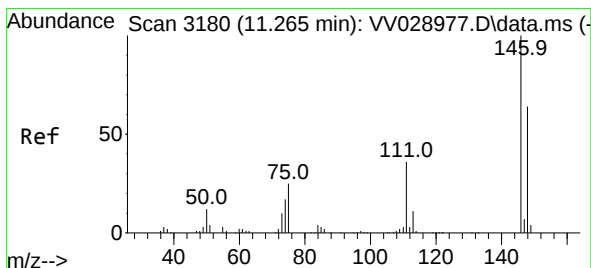
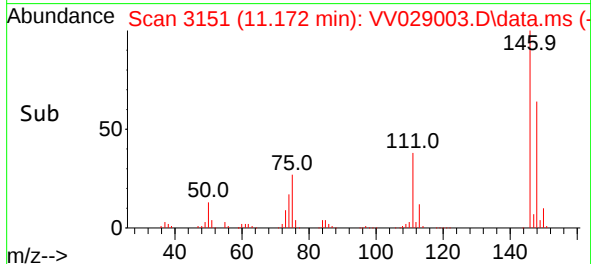
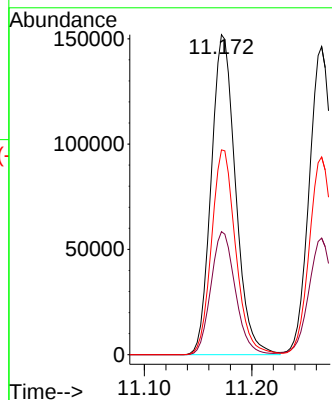
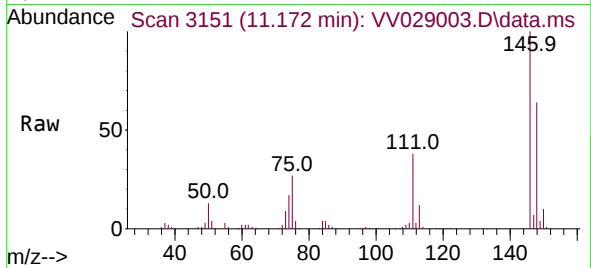




#64
 1,3-Dichlorobenzene
 Concen: 5.417 ug/L
 RT: 11.172 min Scan# 3151
 Delta R.T. -0.000 min
 Lab File: VV029003.D
 Acq: 15 Nov 2022 20:59

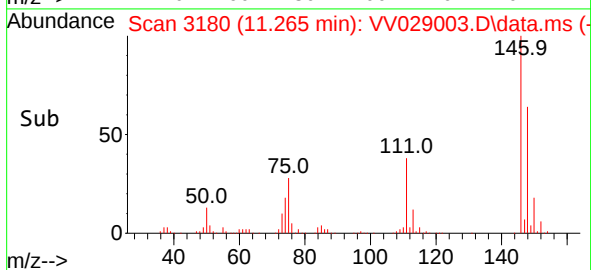
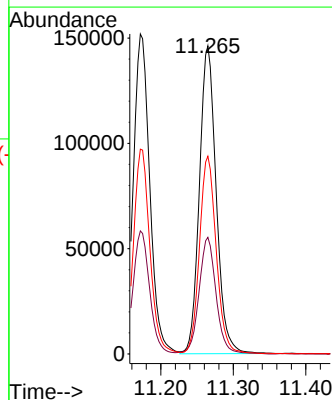
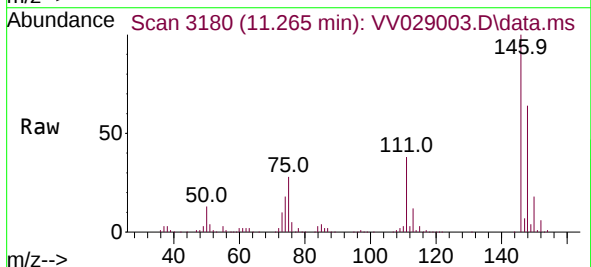
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005348

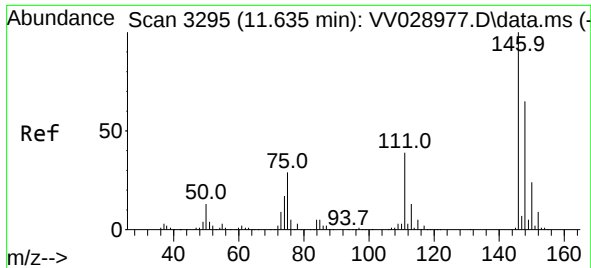
Tgt Ion:146 Resp: 238668
 Ion Ratio Lower Upper
 146 100
 111 38.5 26.9 50.1
 148 64.0 44.1 81.9



#65
 1,4-Dichlorobenzene
 Concen: 5.319 ug/L
 RT: 11.265 min Scan# 3180
 Delta R.T. -0.000 min
 Lab File: VV029003.D
 Acq: 15 Nov 2022 20:59

Tgt Ion:146 Resp: 235591
 Ion Ratio Lower Upper
 146 100
 111 37.9 26.5 49.3
 148 64.2 44.5 82.7

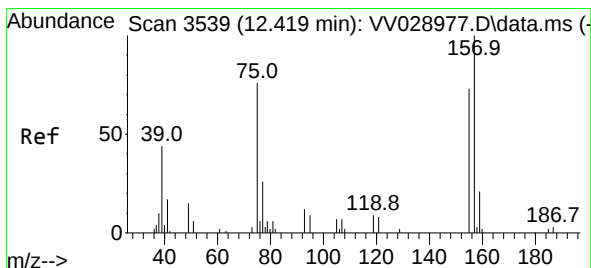
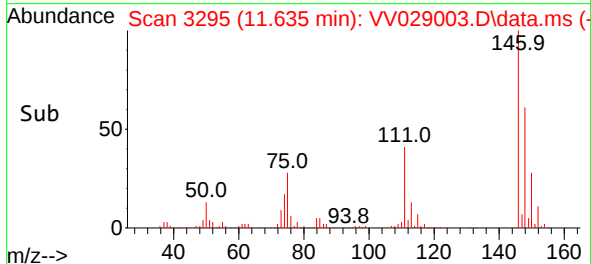
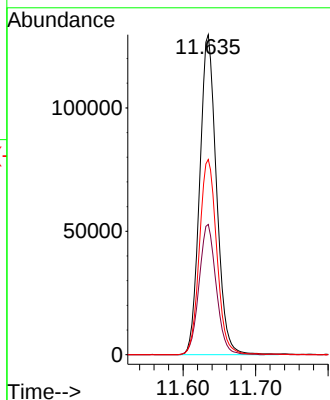
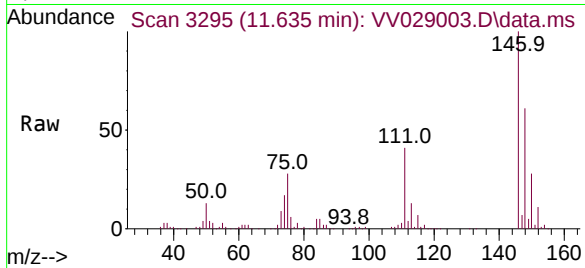




#67
1,2-Dichlorobenzene
Concen: 5.278 ug/L
RT: 11.635 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV029003.D
Acq: 15 Nov 2022 20:59

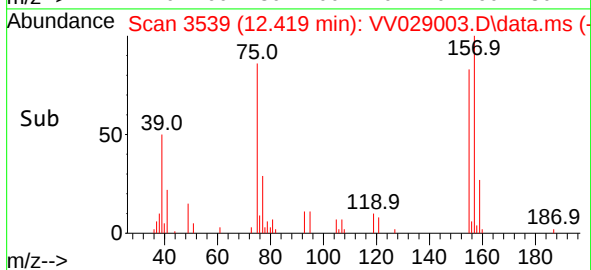
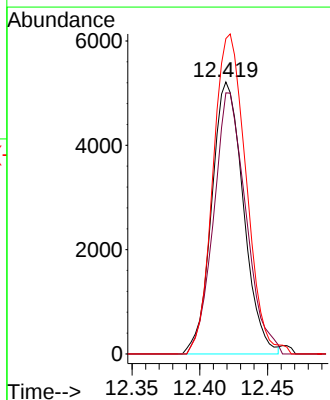
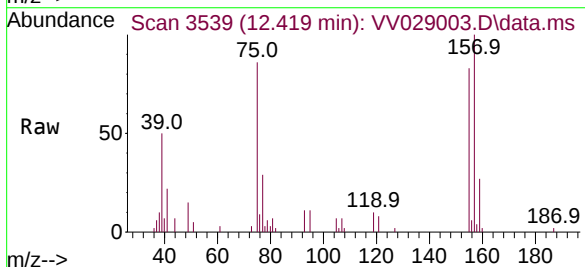
Instrument :
MSVOA_V
ClientSampleId :
VSTD005348

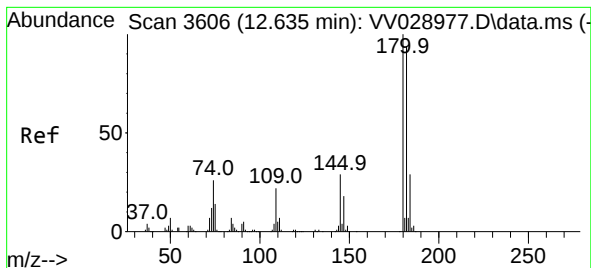
Tgt Ion:146 Resp: 208954
Ion Ratio Lower Upper
146 100
111 40.7 32.4 48.6
148 61.0 49.4 74.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.367 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. -0.000 min
Lab File: VV029003.D
Acq: 15 Nov 2022 20:59

Tgt Ion: 75 Resp: 8483
Ion Ratio Lower Upper
75 100
155 96.0 64.8 97.2
157 115.9 86.3 129.5





#69

1,3,5-Trichlorobenzene

Concen: 5.136 ug/L

RT: 12.635 min Scan# 3606

Delta R.T. -0.000 min

Lab File: VV029003.D

Acq: 15 Nov 2022 20:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005348

Tgt Ion:180 Resp: 174584

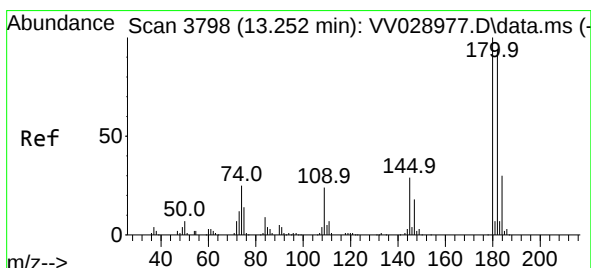
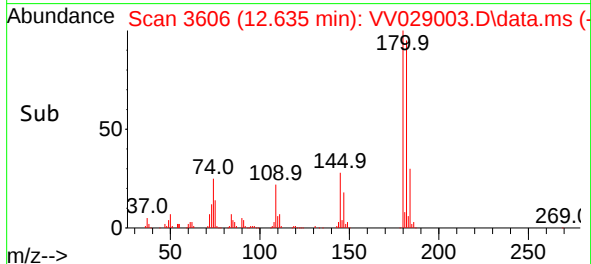
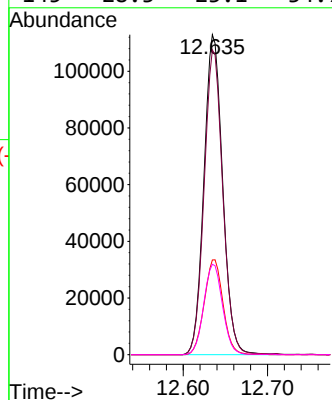
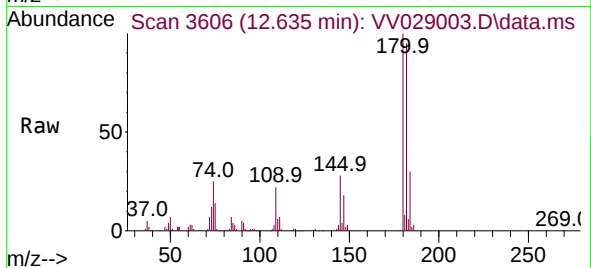
Ion Ratio Lower Upper

180 100

182 95.0 76.7 115.1

184 29.8 24.0 36.0

145 28.3 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 5.164 ug/L

RT: 13.252 min Scan# 3798

Delta R.T. -0.000 min

Lab File: VV029003.D

Acq: 15 Nov 2022 20:59

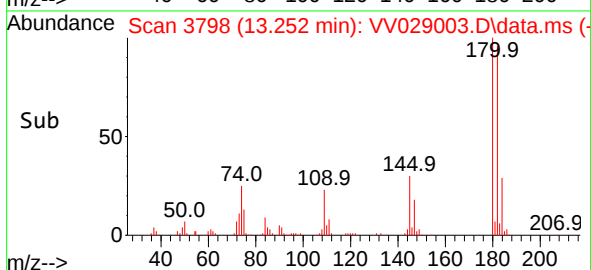
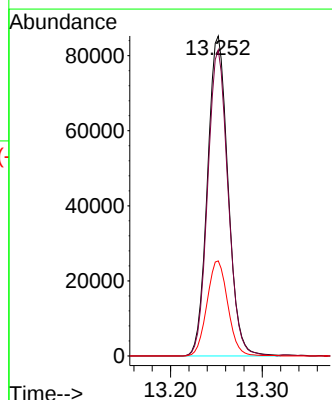
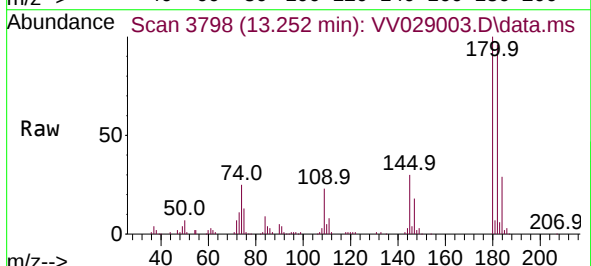
Tgt Ion:180 Resp: 132785

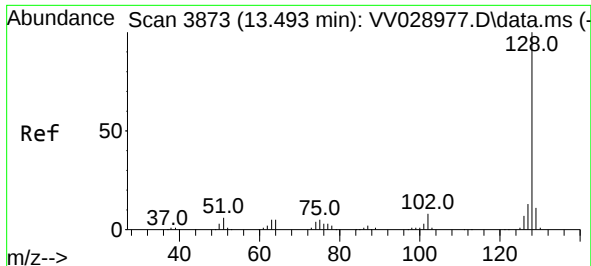
Ion Ratio Lower Upper

180 100

182 94.6 74.3 111.5

145 30.1 23.7 35.5

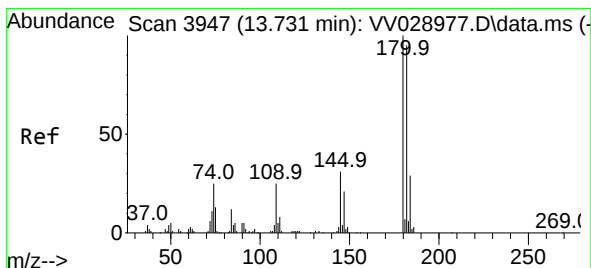
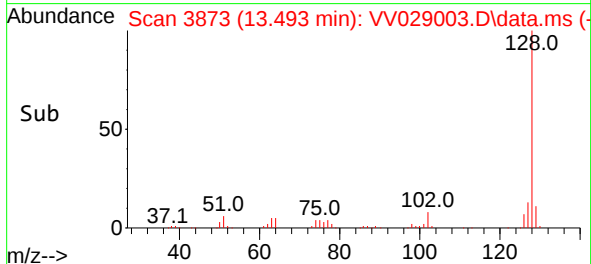
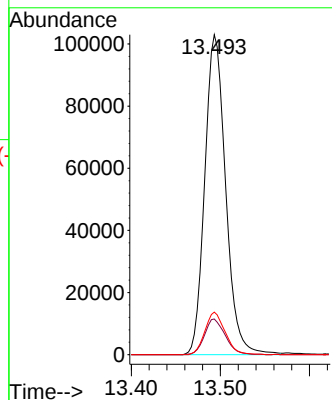
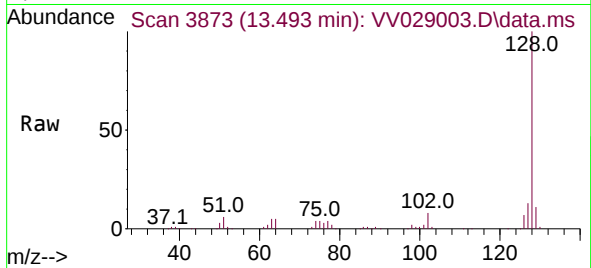




#71
Naphthalene
Concen: 5.055 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. -0.000 min
Lab File: VV029003.D
Acq: 15 Nov 2022 20:59

Instrument :
MSVOA_V
ClientSampleId :
VSTD005348

Tgt Ion:128 Resp: 167701
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.9 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 5.284 ug/L
RT: 13.734 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VV029003.D
Acq: 15 Nov 2022 20:59

Tgt Ion:180 Resp: 115079
Ion Ratio Lower Upper
180 100
182 94.9 75.4 113.2
145 30.4 24.9 37.3

