

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012022\
 Data File : VW024418.D
 Acq On : 20 Jan 2022 17:23
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050397

Quant Time: Jan 21 00:07:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 21 00:04:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	207936	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	200156	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	111486	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	76561	51.160	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 102.320%	
7) Chloroethane-d5	1.568	69	58551	51.504	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 103.000%	
11) 1,1-Dichloroethene-d2	2.111	63	141196	50.483	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 100.960%	
21) 2-Butanone-d5	3.886	46	90192	108.175	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 108.180%	
24) Chloroform-d	4.349	84	148968	54.466	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 108.940%	
26) 1,2-Dichloroethane-d4	5.031	65	99142	54.141	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 108.280%	
32) Benzene-d6	5.050	84	281493	53.893	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.780%	
36) 1,2-Dichloropropane-d6	6.069	67	80889	55.259	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 110.520%	
41) Toluene-d8	7.313	98	273660	54.113	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 108.220%	
43) trans-1,3-Dichloroprop...	7.619	79	47032	55.797	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 111.600%	
47) 2-Hexanone-d5	8.085	63	68394	107.542	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 107.540%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	113661	54.333	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 108.660%	
66) 1,2-Dichlorobenzene-d4	11.622	152	119181	53.632	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.260%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	84749	50.520	ug/L	99
3) Chloromethane	1.243	50	69071	49.008	ug/L	97
5) Vinyl chloride	1.314	62	71870	48.194	ug/L	94
6) Bromomethane	1.523	94	47279	55.637	ug/L	97
8) Chloroethane	1.587	64	41733	45.339	ug/L	99
9) Trichlorofluoromethane	1.754	101	120644	45.007	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	61136	46.667	ug/L	99
12) 1,1-Dichloroethene	2.121	96	57348	45.278	ug/L	83
13) Acetone	2.179	43	77905	94.637	ug/L	99
14) Carbon disulfide	2.298	76	158044	42.975	ug/L	99
15) Methyl Acetate	2.433	43	57460	47.992	ug/L	98
16) Methylene chloride	2.510	84	63839	46.284	ug/L	100
17) trans-1,2-Dichloroethene	2.761	96	60218	46.139	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	198745	49.409	ug/L	99
19) 1,1-Dichloroethane	3.191	63	101225	46.760	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	65336	46.873	ug/L	97
22) 2-Butanone	3.970	43	82491	94.336	ug/L	94
23) Bromochloromethane	4.249	128	37596	46.810	ug/L	96
25) Chloroform	4.375	83	118644	46.876	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012022\
 Data File : VW024418.D
 Acq On : 20 Jan 2022 17:23
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050397

Quant Time: Jan 21 00:07:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 21 00:04:44 2022
 Response via : Initial Calibration

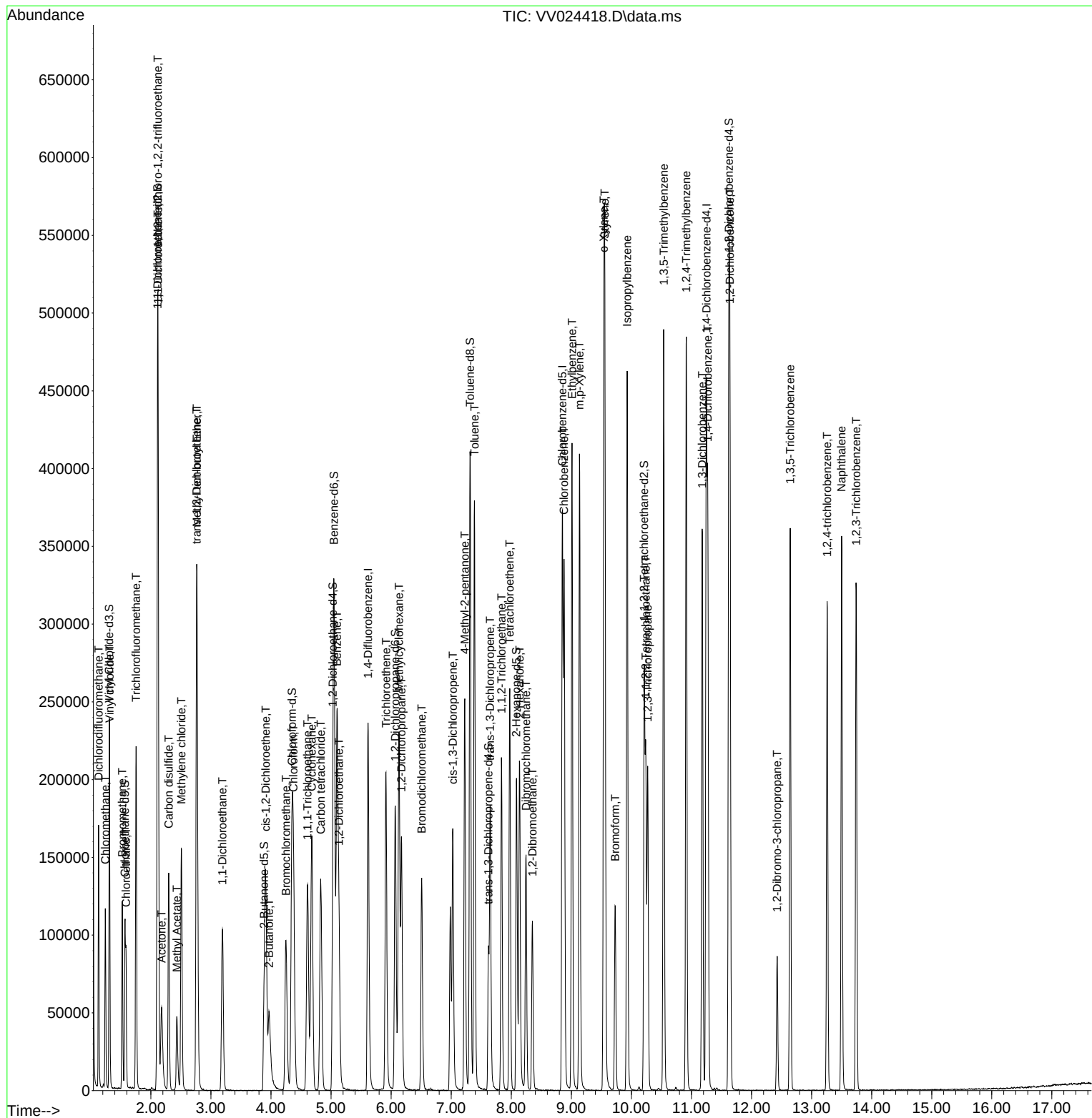
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	93838	45.582	ug/L	97
29) Cyclohexane	4.680	56	86156	48.153	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	110488	44.864	ug/L	99
31) Carbon tetrachloride	4.828	117	101446	44.401	ug/L	100
33) Benzene	5.098	78	238720	46.905	ug/L	100
34) Trichloroethene	5.915	95	66817	47.608	ug/L	98
35) Methylcyclohexane	6.133	83	99244	47.680	ug/L	100
37) 1,2-Dichloropropane	6.172	63	55864	46.667	ug/L	99
38) Bromodichloromethane	6.510	83	87688	46.680	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	96242	47.827	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	152581	97.747	ug/L	100
42) Toluene	7.387	91	270730	47.388	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	100061	49.019	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	62844	46.829	ug/L	98
46) Tetrachloroethene	7.976	164	57667	45.143	ug/L	98
48) 2-Hexanone	8.140	43	124557	99.346	ug/L	98
49) Dibromochloromethane	8.246	129	76085	45.230	ug/L	95
50) 1,2-Dibromoethane	8.352	107	68875	47.783	ug/L	99
51) Chlorobenzene	8.879	112	177384	46.098	ug/L	100
52) Ethylbenzene	9.011	91	284351	46.589	ug/L	99
53) m,p-Xylene	9.137	106	114286	46.715	ug/L	97
54) o-Xylene	9.542	106	112266	48.073	ug/L	100
55) Styrene	9.558	104	192402	47.442	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	90968	46.422	ug/L	100
59) Bromoform	9.731	173	55329	43.523	ug/L	97
60) Isopropylbenzene	9.931	105	296253	48.022	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	76500	46.730	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	255684	48.182	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	260966	49.259	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	150802	47.409	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	152333	46.438	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	151339	46.165	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	20034	42.491	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	112753	46.084	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	95723	45.747	ug/L	99
71) Naphthalene	13.500	128	273953	45.252	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	99288	45.911	ug/L	100

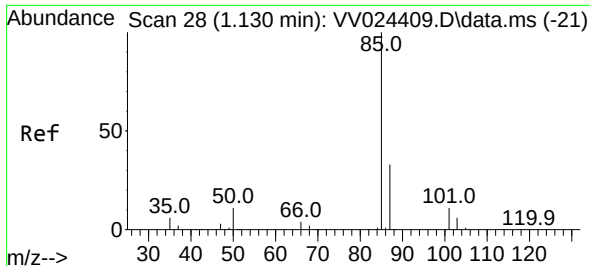
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012022\
 Data File : VV024418.D
 Acq On : 20 Jan 2022 17:23
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050397

Quant Time: Jan 21 00:07:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 21 00:04:44 2022
 Response via : Initial Calibration

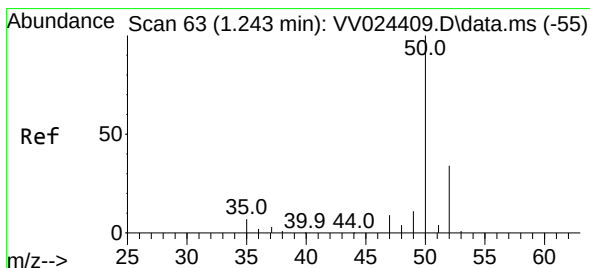
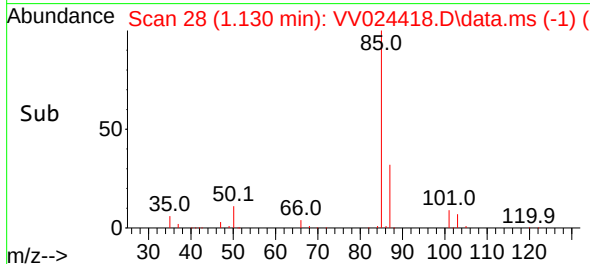
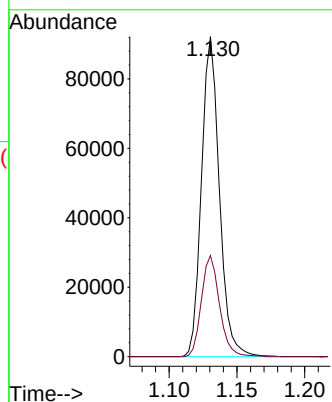
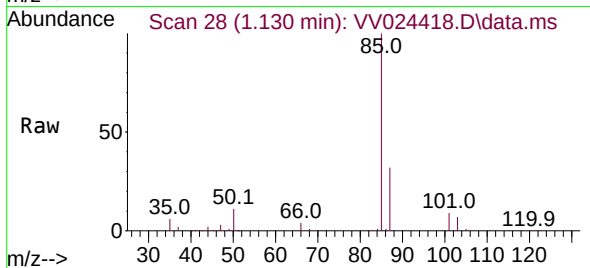




#2
 Dichlorodifluoromethane
 Concen: 50.520 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024418.D
 Acq: 20 Jan 2022 17:23

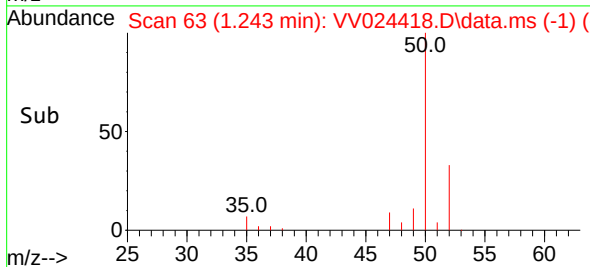
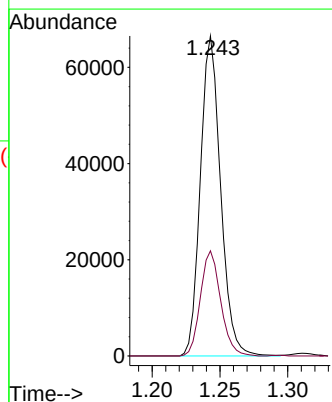
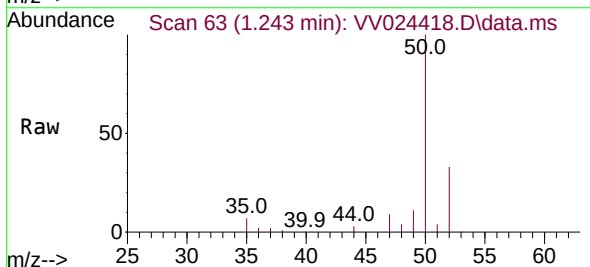
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050397

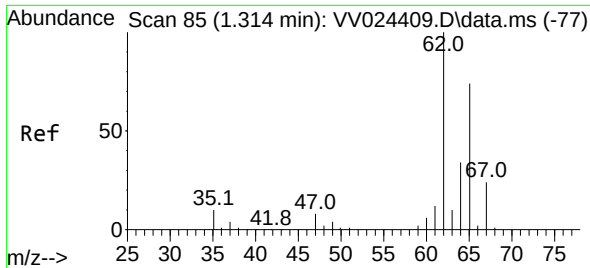
Tgt Ion: 85 Resp: 84749
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.8 38.8



#3
 Chloromethane
 Concen: 49.008 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024418.D
 Acq: 20 Jan 2022 17:23

Tgt Ion: 50 Resp: 69071
 Ion Ratio Lower Upper
 50 100
 52 32.9 24.1 44.7

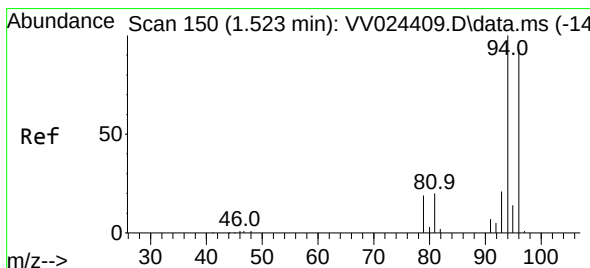
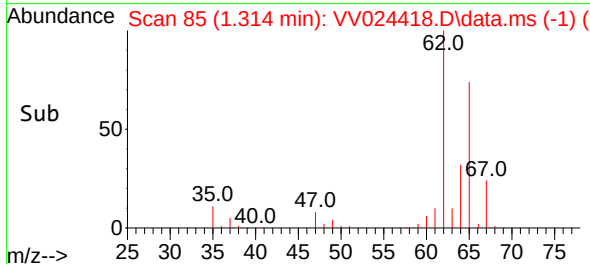
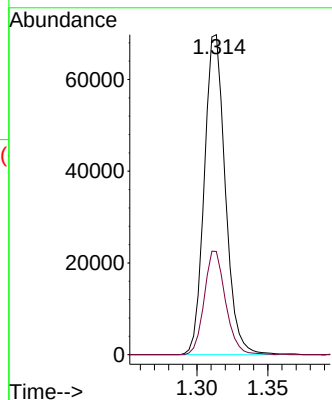
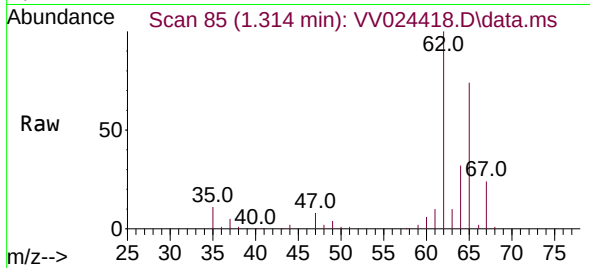




#5
 Vinyl chloride
 Concen: 48.194 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV024418.D
 Acq: 20 Jan 2022 17:23

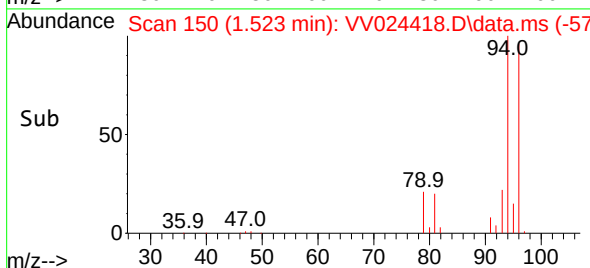
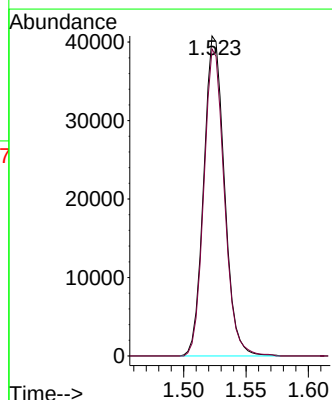
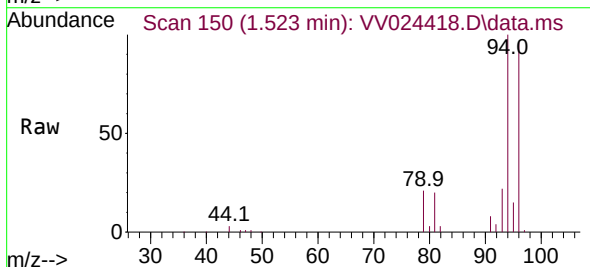
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050397

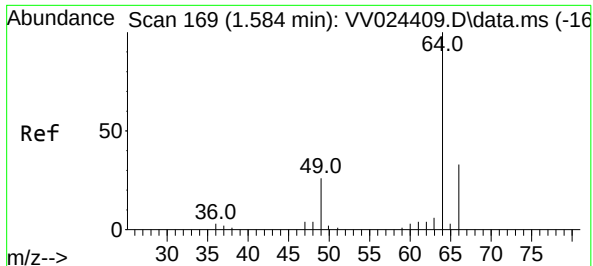
Tgt Ion: 62 Resp: 71870
 Ion Ratio Lower Upper
 62 100
 64 32.3 25.0 46.4



#6
 Bromomethane
 Concen: 55.637 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024418.D
 Acq: 20 Jan 2022 17:23

Tgt Ion: 94 Resp: 47279
 Ion Ratio Lower Upper
 94 100
 96 95.9 65.0 120.6

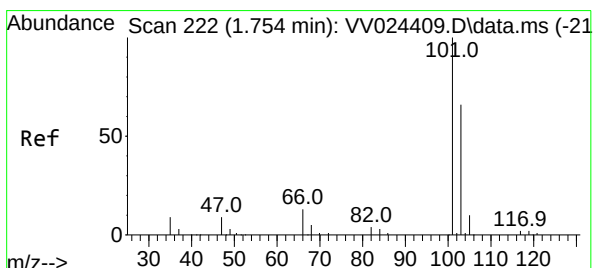
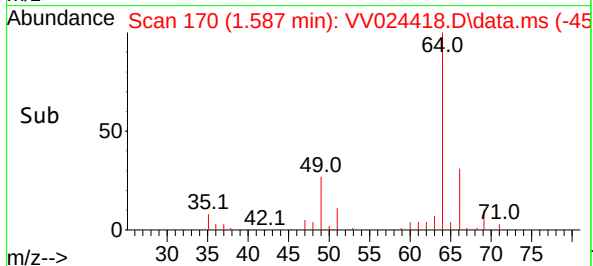
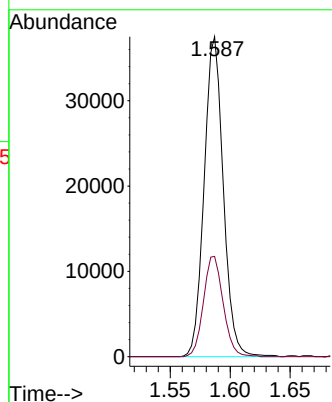
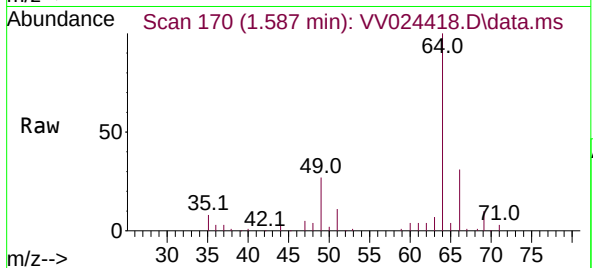




#8
Chloroethane
Concen: 45.339 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024418.D
Acq: 20 Jan 2022 17:23

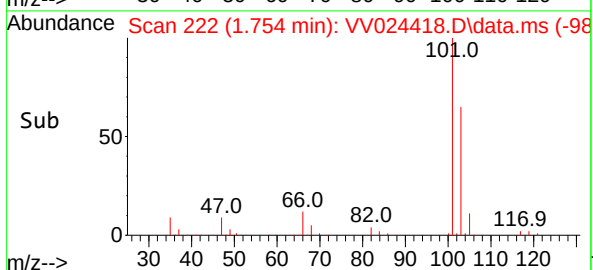
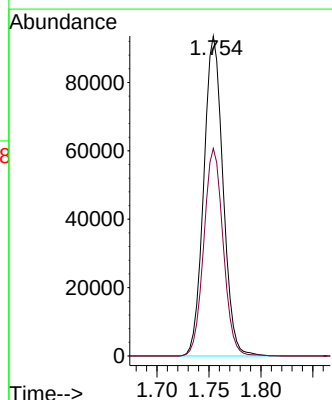
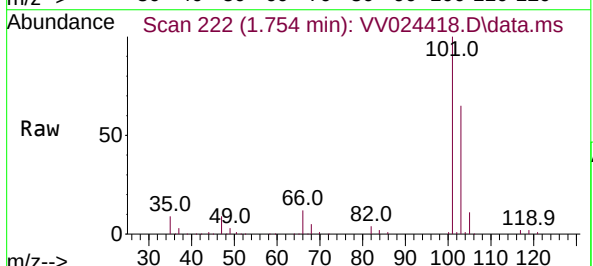
Instrument :
MSVOA_V
ClientSampleId :
VSTD050397

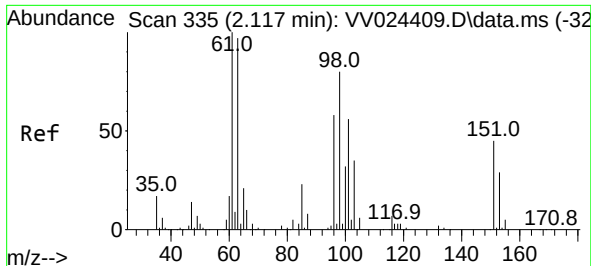
Tgt Ion: 64 Resp: 41733
Ion Ratio Lower Upper
64 100
66 31.3 21.4 39.8



#9
Trichlorofluoromethane
Concen: 45.007 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024418.D
Acq: 20 Jan 2022 17:23

Tgt Ion:101 Resp: 120644
Ion Ratio Lower Upper
101 100
103 65.2 52.0 78.0

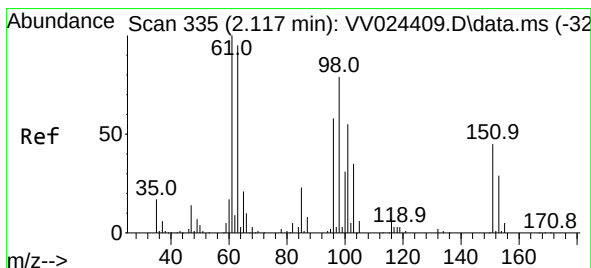
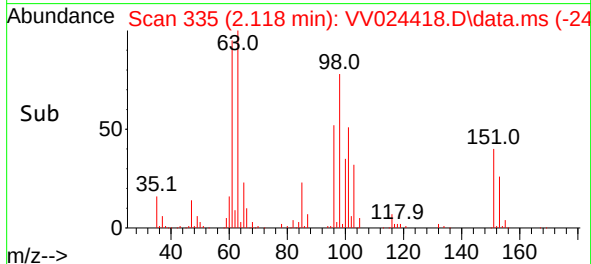
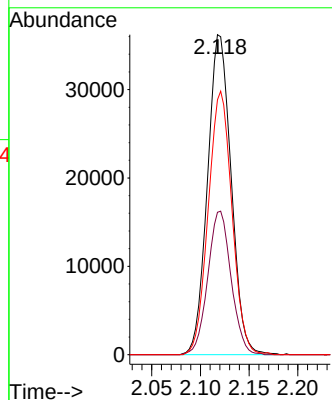
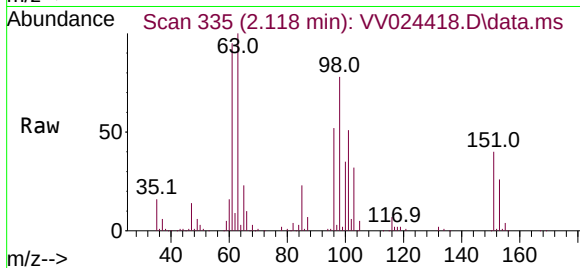




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.667 ug/L
 RT: 2.118 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV024418.D
 Acq: 20 Jan 2022 17:23

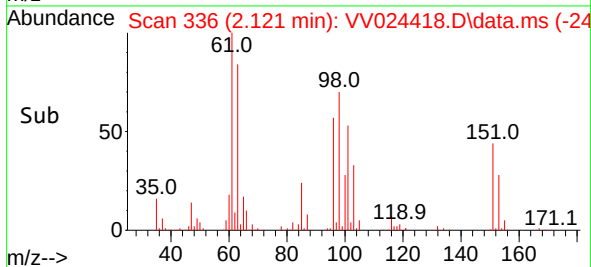
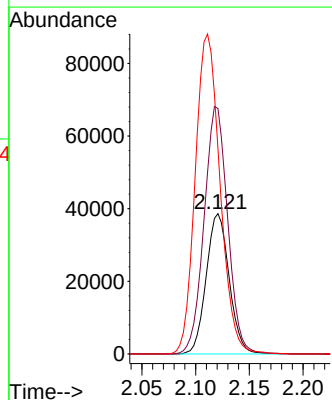
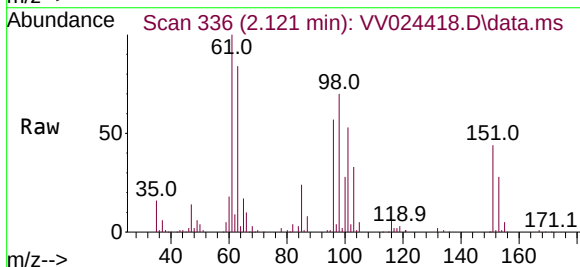
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050397

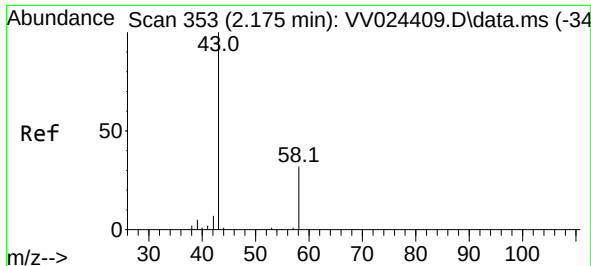
Tgt Ion:101 Resp: 61136
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.3 52.9
 151 82.5 67.1 100.7



#12
 1,1-Dichloroethene
 Concen: 45.278 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV024418.D
 Acq: 20 Jan 2022 17:23

Tgt Ion: 96 Resp: 57348
 Ion Ratio Lower Upper
 96 100
 61 174.9 111.9 207.9
 63 146.2 82.7 153.5





#13

Acetone

Concen: 94.637 ug/L

RT: 2.179 min Scan# 353

Delta R.T. 0.003 min

Lab File: VV024418.D

Acq: 20 Jan 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :

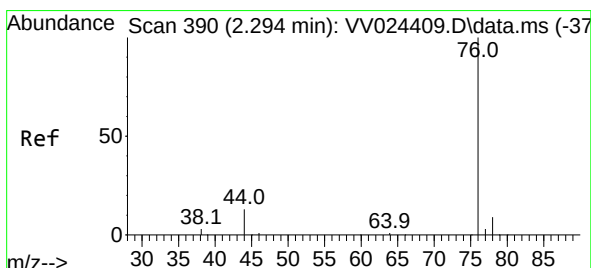
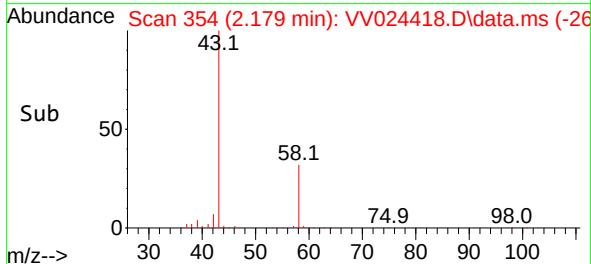
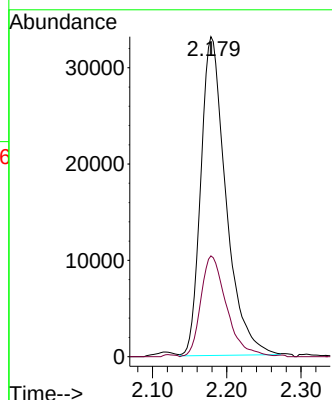
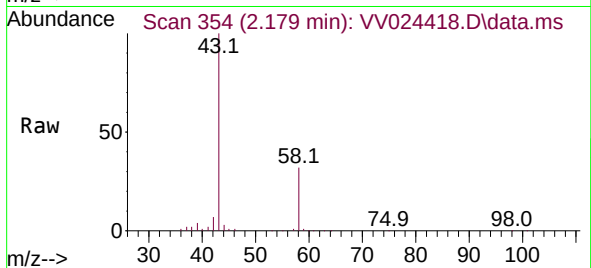
VSTD050397

Tgt Ion: 43 Resp: 77905

Ion Ratio Lower Upper

43 100

58 32.3 0.0 63.0



#14

Carbon disulfide

Concen: 42.975 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV024418.D

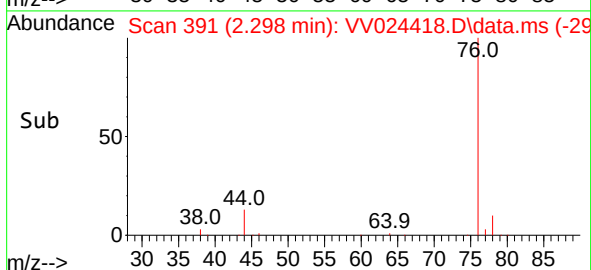
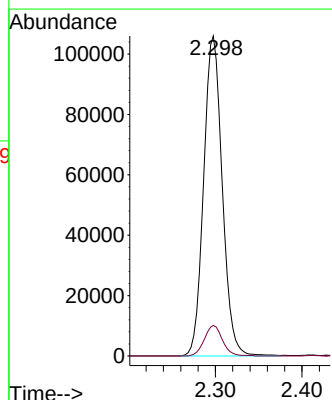
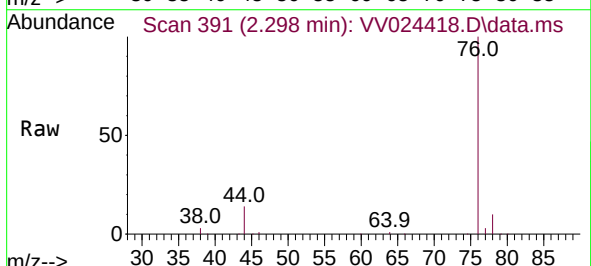
Acq: 20 Jan 2022 17:23

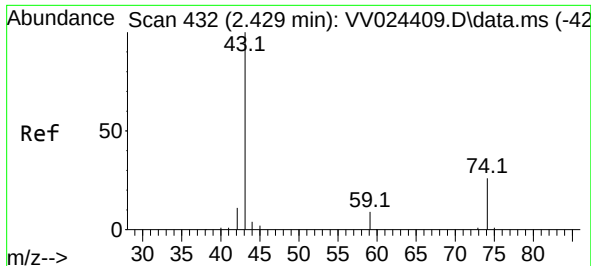
Tgt Ion: 76 Resp: 158044

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8

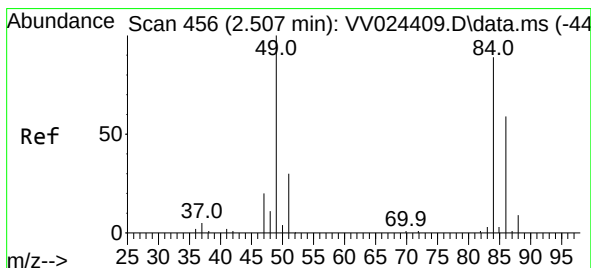
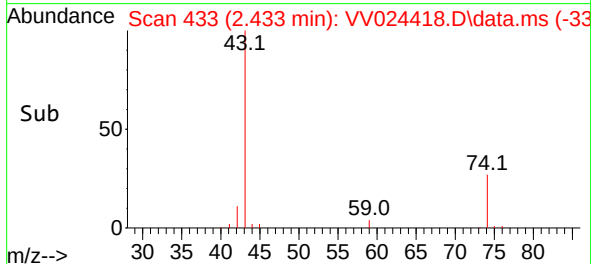
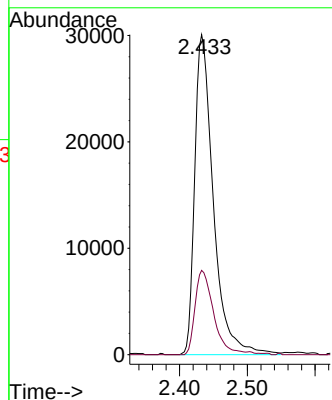
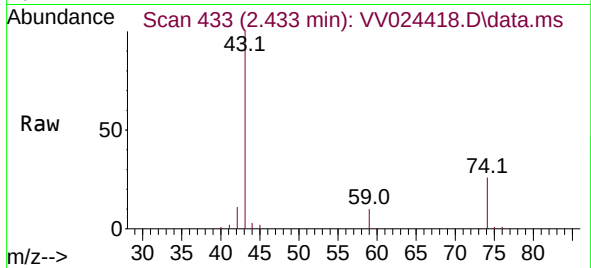




#15
Methyl Acetate
Concen: 47.992 ug/L
RT: 2.433 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV024418.D
Acq: 20 Jan 2022 17:23

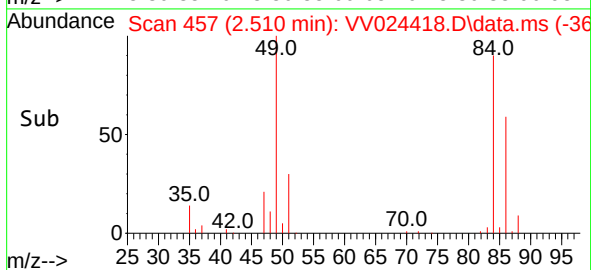
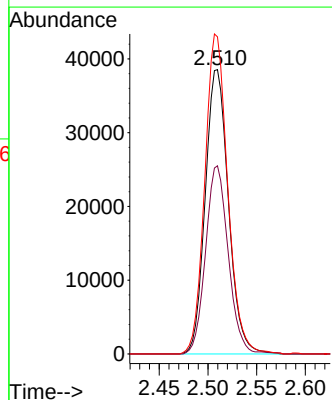
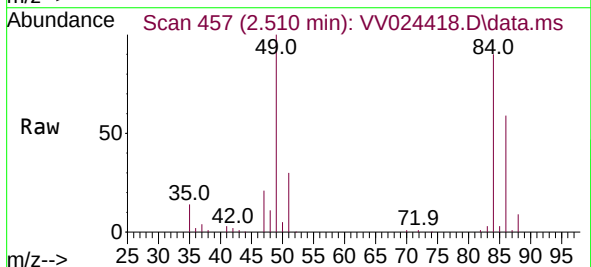
Instrument :
MSVOA_V
ClientSampleId :
VSTD050397

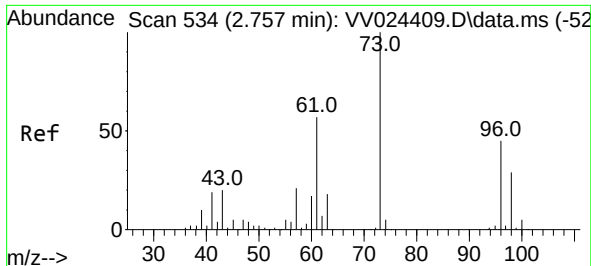
Tgt Ion: 43 Resp: 57460
Ion Ratio Lower Upper
43 100
74 26.0 21.8 32.8



#16
Methylene chloride
Concen: 46.284 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV024418.D
Acq: 20 Jan 2022 17:23

Tgt Ion: 84 Resp: 63839
Ion Ratio Lower Upper
84 100
86 66.2 46.8 86.8
49 111.5 78.3 145.3

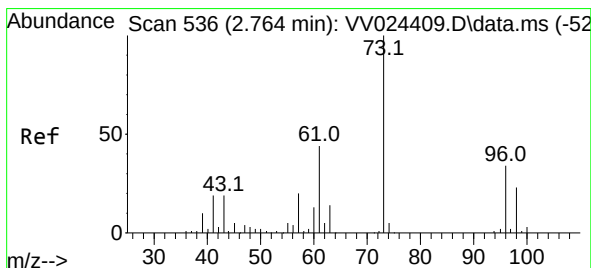
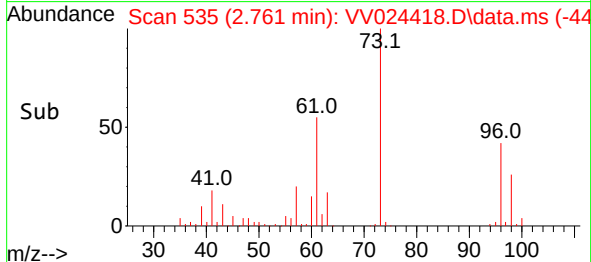
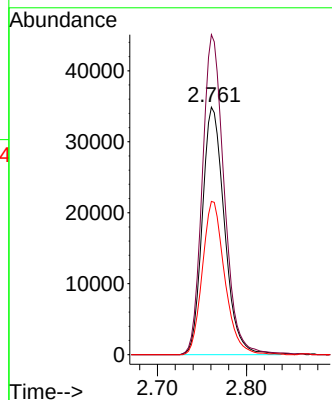
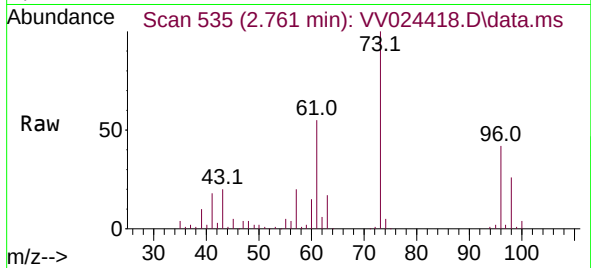




#17
trans-1,2-Dichloroethene
Concen: 46.139 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024418.D
Acq: 20 Jan 2022 17:23

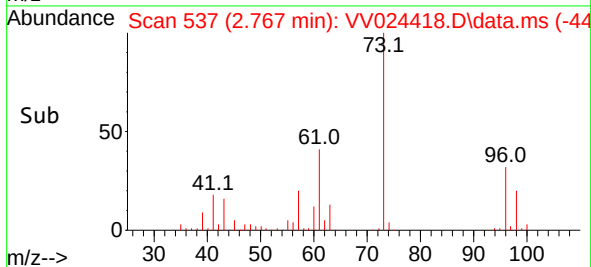
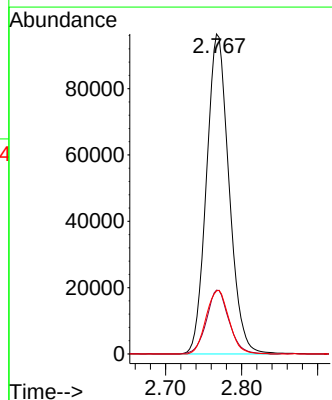
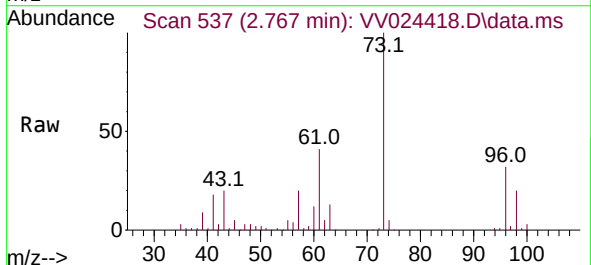
Instrument :
MSVOA_V
ClientSampleId :
VSTD050397

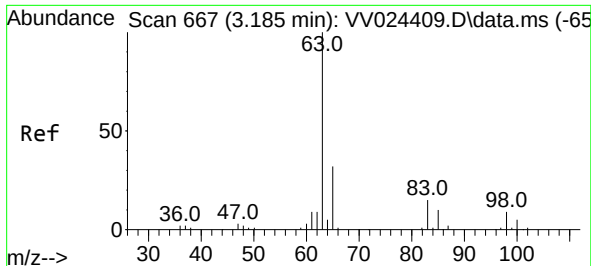
Tgt Ion: 96 Resp: 60218
Ion Ratio Lower Upper
96 100
61 129.3 88.1 163.7
98 61.9 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 49.409 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV024418.D
Acq: 20 Jan 2022 17:23

Tgt Ion: 73 Resp: 198745
Ion Ratio Lower Upper
73 100
43 20.0 16.2 24.2
57 20.2 15.9 23.9





#19

1,1-Dichloroethane

Concen: 46.760 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV024418.D

Acq: 20 Jan 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :

VSTD050397

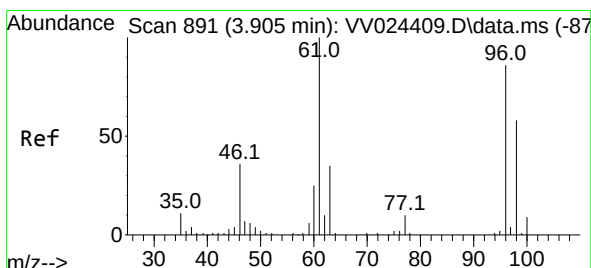
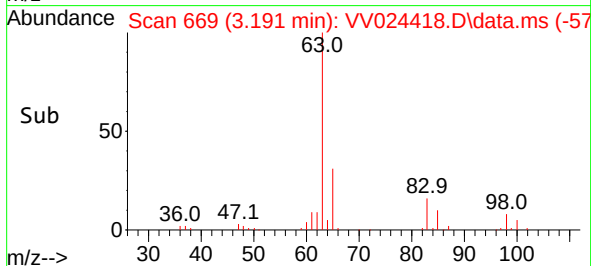
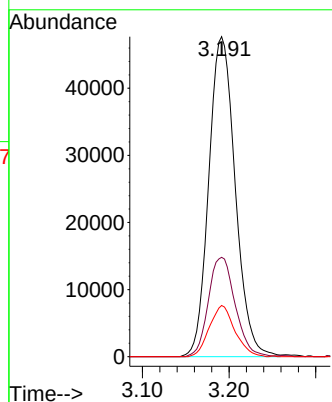
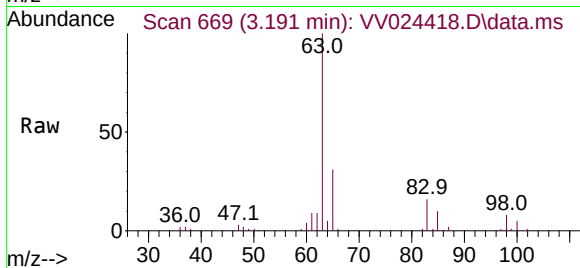
Tgt Ion: 63 Resp: 101225

Ion Ratio Lower Upper

63 100

65 31.0 22.4 41.6

83 16.0 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 46.873 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.006 min

Lab File: VV024418.D

Acq: 20 Jan 2022 17:23

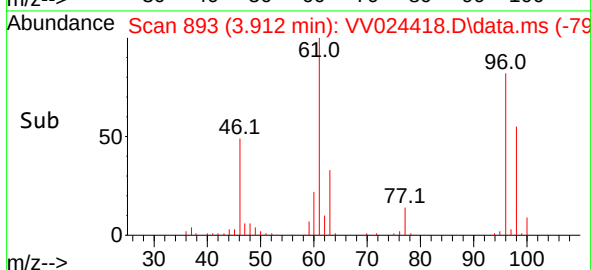
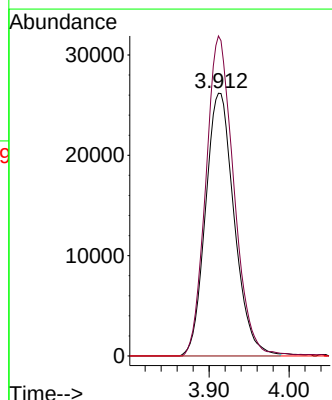
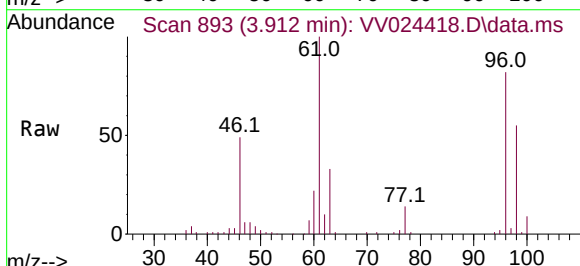
Tgt Ion: 96 Resp: 65336

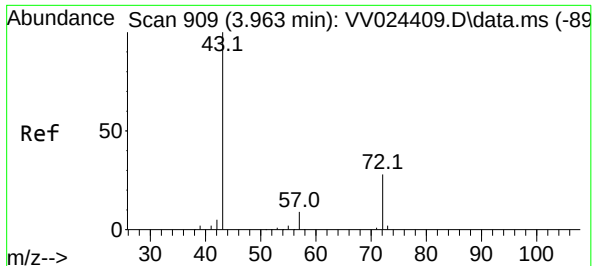
Ion Ratio Lower Upper

96 100

61 121.8 82.9 153.9

68 0.0 0.0 0.0

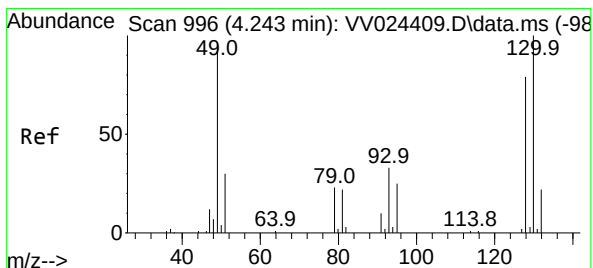
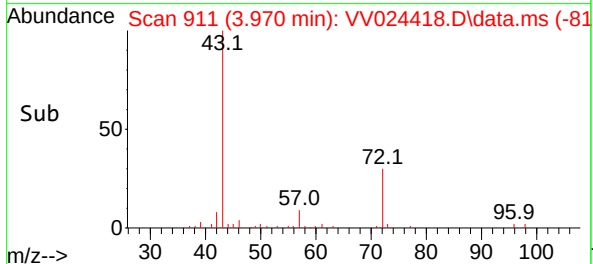
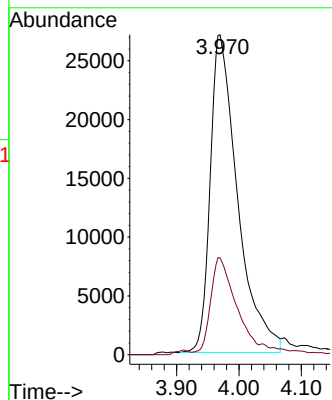
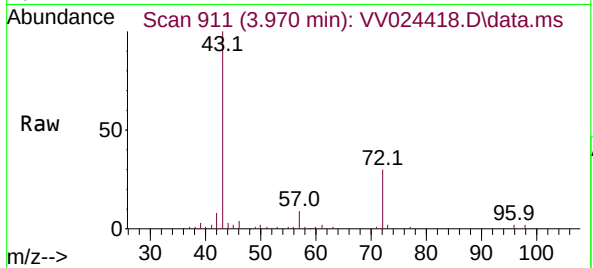




#22
2-Butanone
Concen: 94.336 ug/L
RT: 3.970 min Scan# 911
Delta R.T. 0.006 min
Lab File: VV024418.D
Acq: 20 Jan 2022 17:23

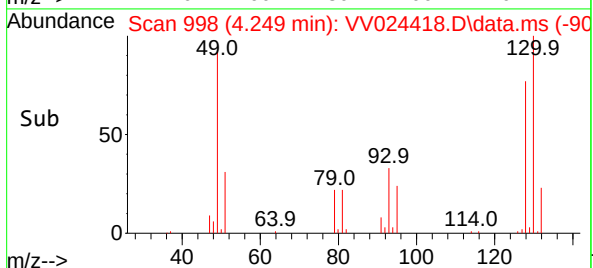
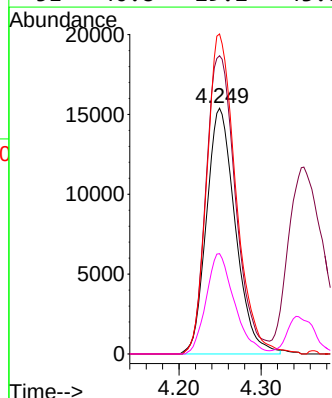
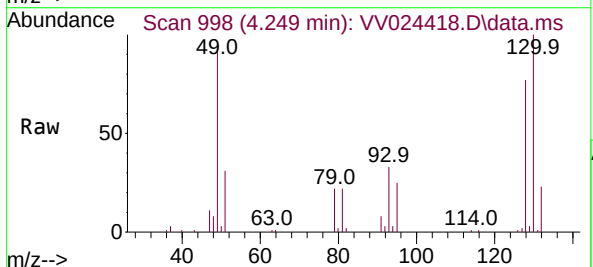
Instrument :
MSVOA_V
ClientSampleId :
VSTD050397

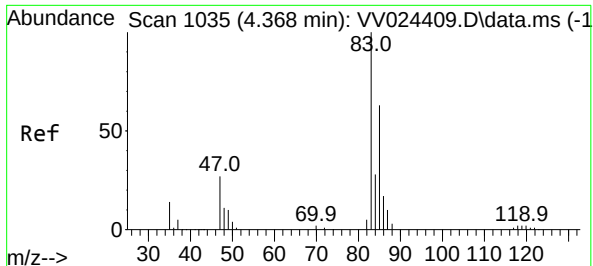
Tgt Ion: 43 Resp: 82491
Ion Ratio Lower Upper
43 100
72 26.6 14.9 44.9



#23
Bromochloromethane
Concen: 46.810 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.006 min
Lab File: VV024418.D
Acq: 20 Jan 2022 17:23

Tgt Ion: 128 Resp: 37596
Ion Ratio Lower Upper
128 100
49 121.3 83.1 154.3
130 130.2 87.0 161.6
51 40.8 29.2 43.8





#25

Chloroform

Concen: 46.876 ug/L

RT: 4.375 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV024418.D

Acq: 20 Jan 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :

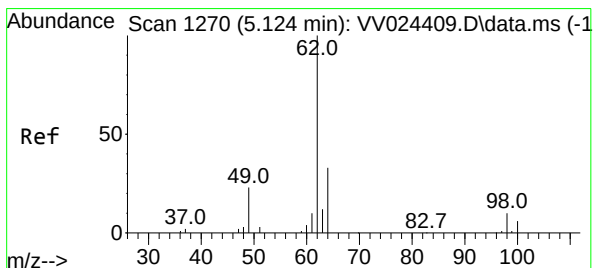
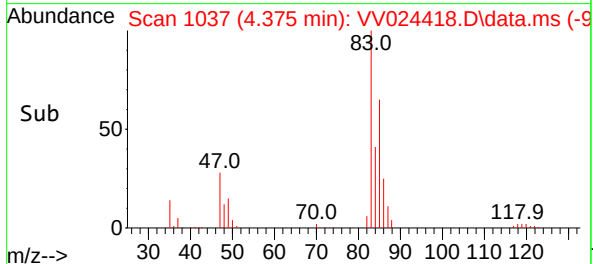
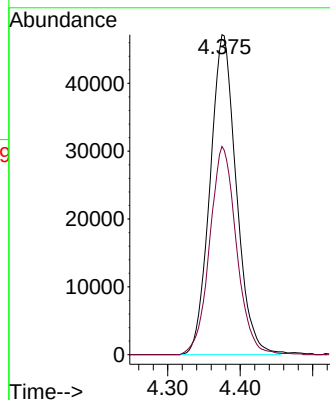
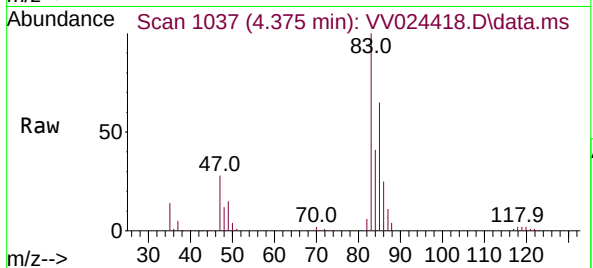
VSTD050397

Tgt Ion: 83 Resp: 118644

Ion Ratio Lower Upper

83 100

85 65.1 46.3 85.9



#27

1,2-Dichloroethane

Concen: 45.582 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.006 min

Lab File: VV024418.D

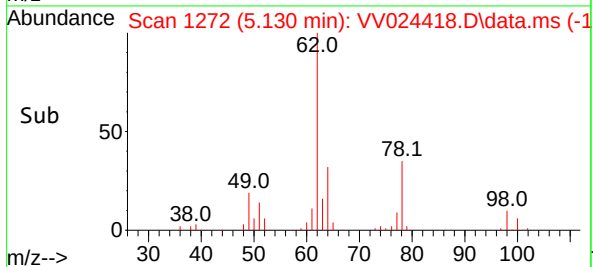
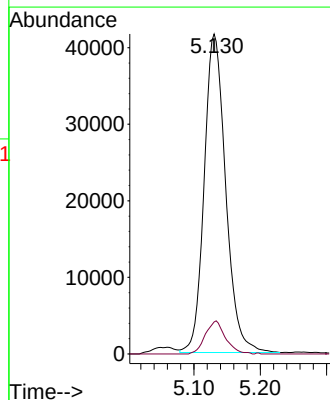
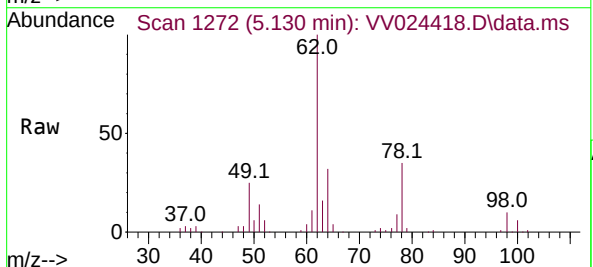
Acq: 20 Jan 2022 17:23

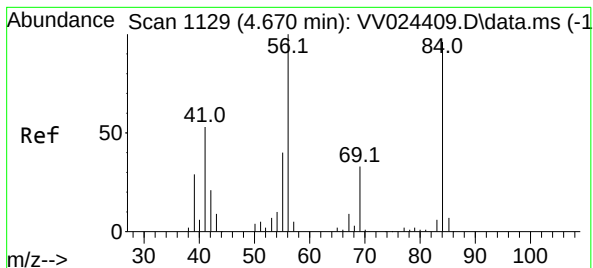
Tgt Ion: 62 Resp: 93838

Ion Ratio Lower Upper

62 100

98 10.0 7.1 10.7





#29

Cyclohexane

Concen: 48.153 ug/L

RT: 4.680 min Scan# 1112

Delta R.T. 0.010 min

Lab File: VV024418.D

Acq: 20 Jan 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :

VSTD050397

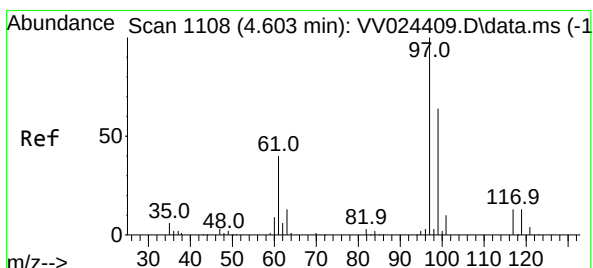
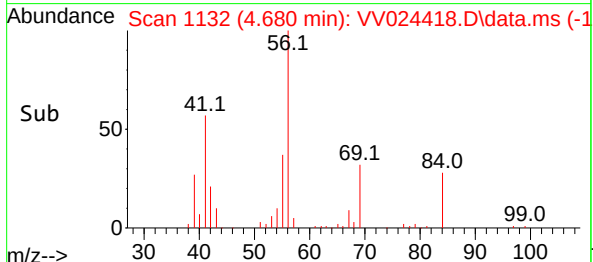
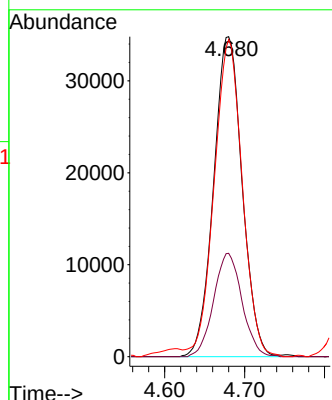
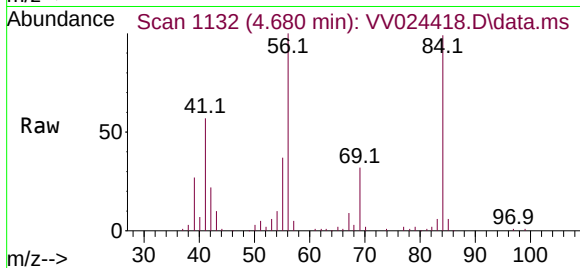
Tgt Ion: 56 Resp: 86156

Ion Ratio Lower Upper

56 100

69 32.1 25.8 38.6

84 97.7 79.1 118.7



#30

1,1,1-Trichloroethane

Concen: 44.864 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VV024418.D

Acq: 20 Jan 2022 17:23

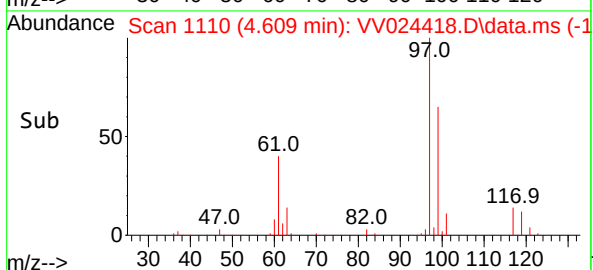
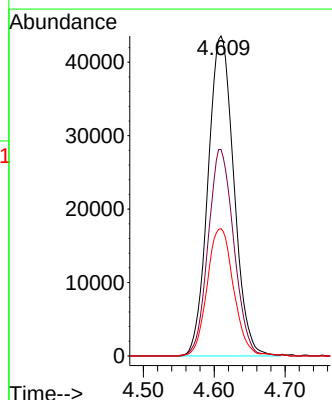
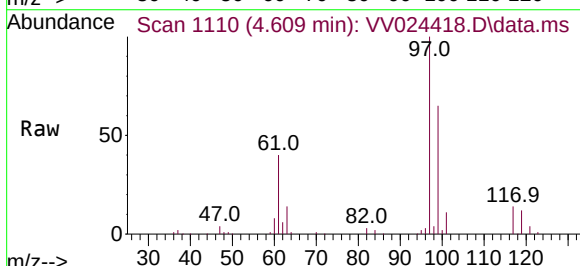
Tgt Ion: 97 Resp: 110488

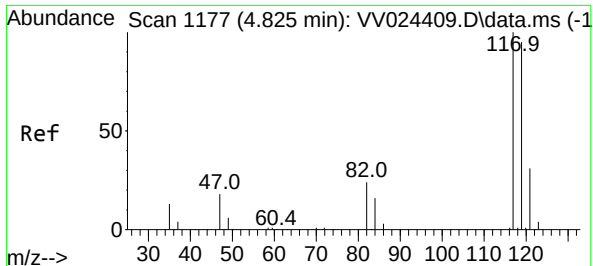
Ion Ratio Lower Upper

97 100

99 64.1 51.2 76.8

61 39.8 33.2 49.8

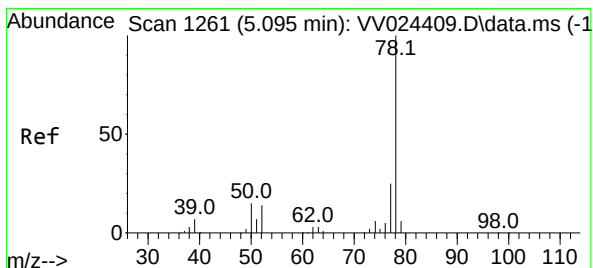
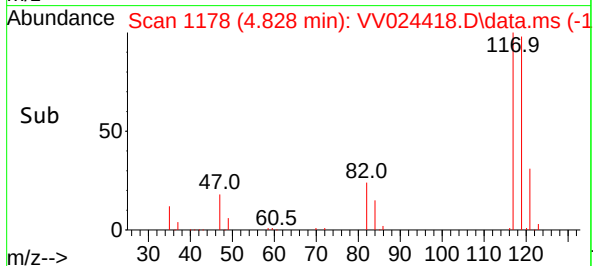
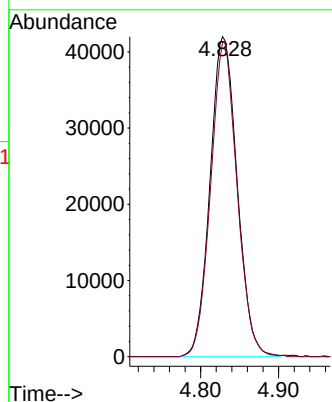
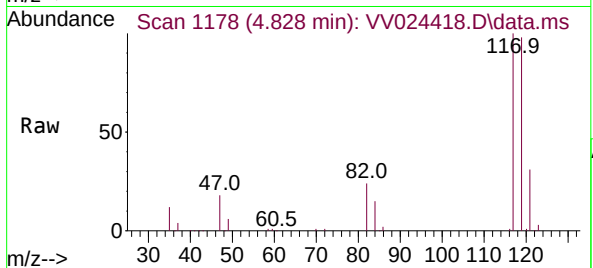




#31
Carbon tetrachloride
Concen: 44.401 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV024418.D
Acq: 20 Jan 2022 17:23

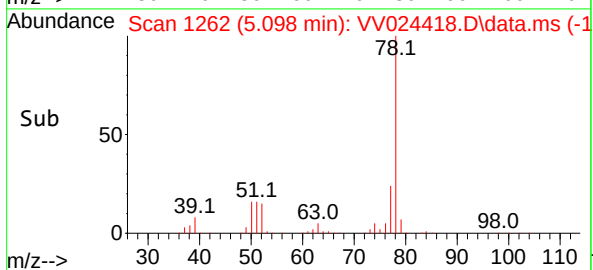
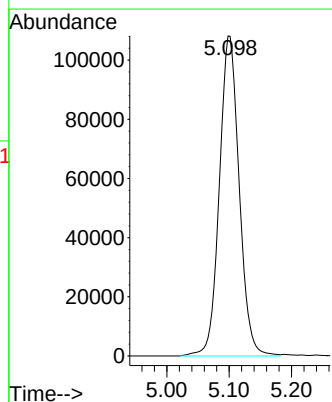
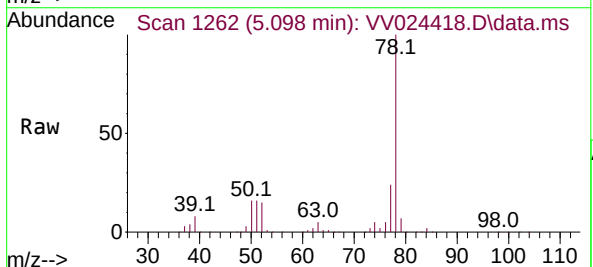
Instrument :
MSVOA_V
ClientSampleId :
VSTD050397

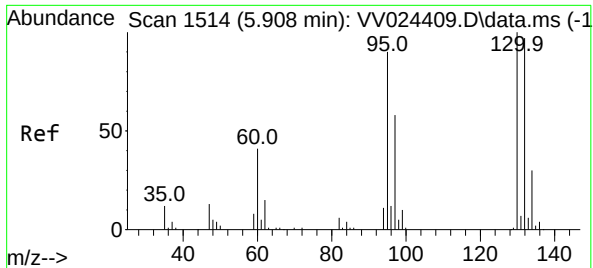
Tgt Ion:117 Resp: 101446
Ion Ratio Lower Upper
117 100
119 95.8 76.9 115.3



#33
Benzene
Concen: 46.905 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV024418.D
Acq: 20 Jan 2022 17:23

Tgt Ion: 78 Resp: 238720



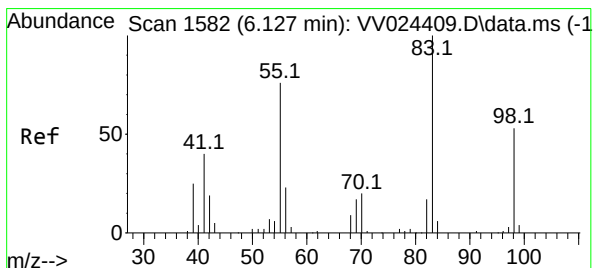
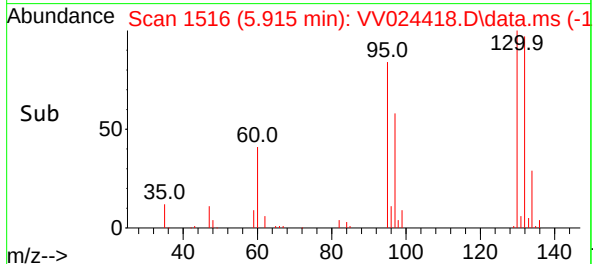
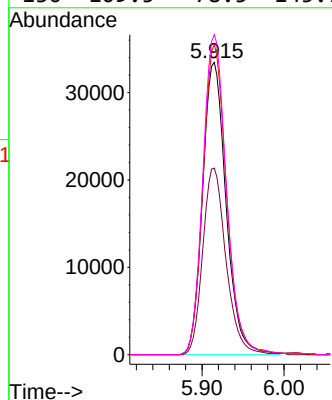
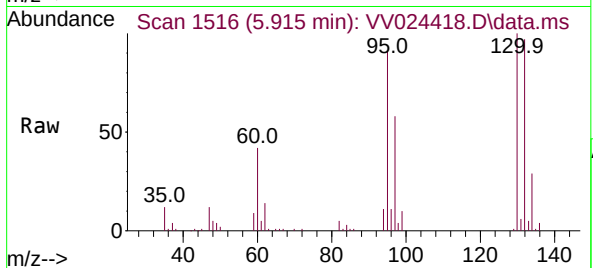


#34
Trichloroethene
Concen: 47.608 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV024418.D
Acq: 20 Jan 2022 17:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD050397

Tgt Ion: 95 Resp: 66817

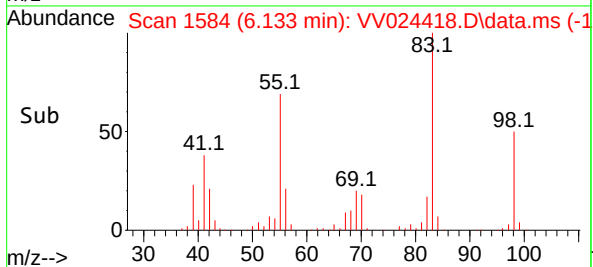
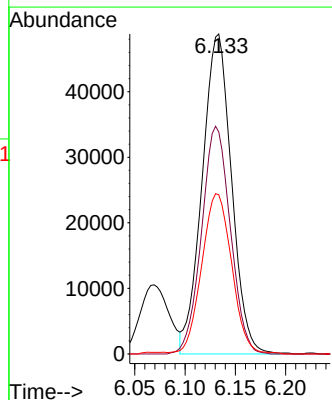
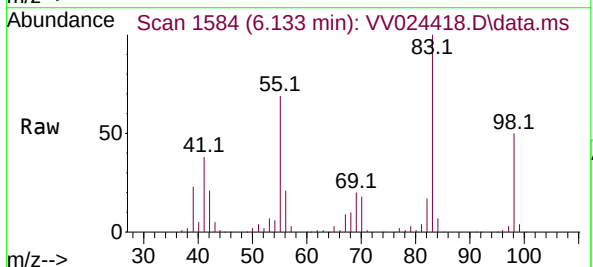
Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.1	81.9
132	106.2	75.1	139.5
130	109.5	78.5	145.7

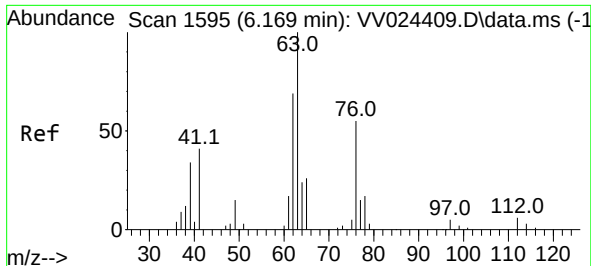


#35
Methylcyclohexane
Concen: 47.680 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.006 min
Lab File: VV024418.D
Acq: 20 Jan 2022 17:23

Tgt Ion: 83 Resp: 99244

Ion	Ratio	Lower	Upper
83	100		
55	69.7	55.6	83.4
98	51.2	41.3	61.9





#37

1,2-Dichloropropane

Concen: 46.667 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024418.D

Acq: 20 Jan 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :

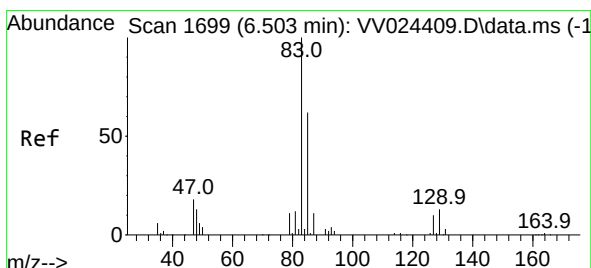
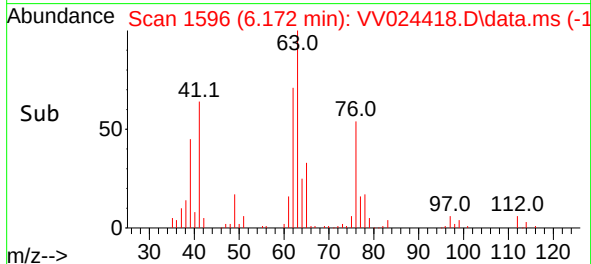
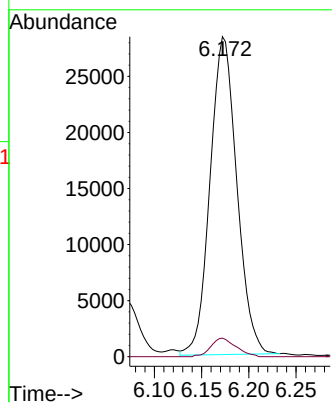
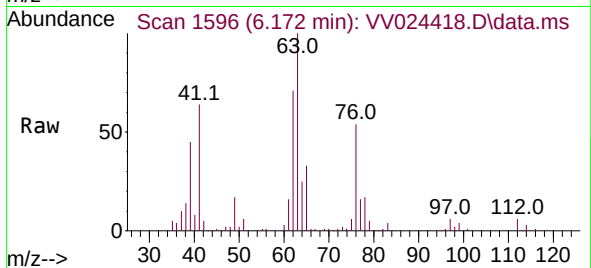
VSTD050397

Tgt Ion: 63 Resp: 55864

Ion Ratio Lower Upper

63 100

112 5.5 4.7 7.1



#38

Bromodichloromethane

Concen: 46.680 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VV024418.D

Acq: 20 Jan 2022 17:23

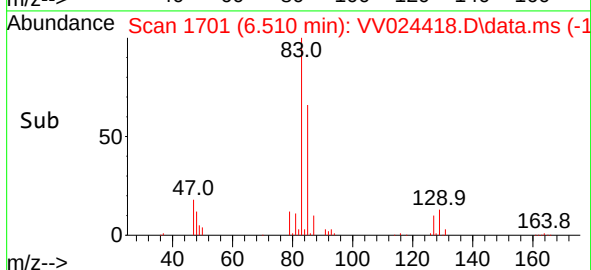
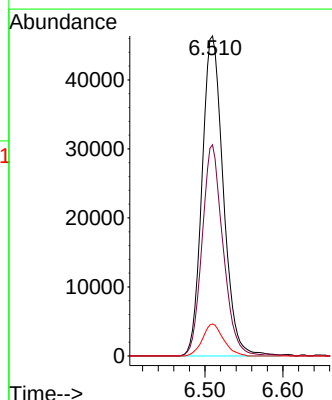
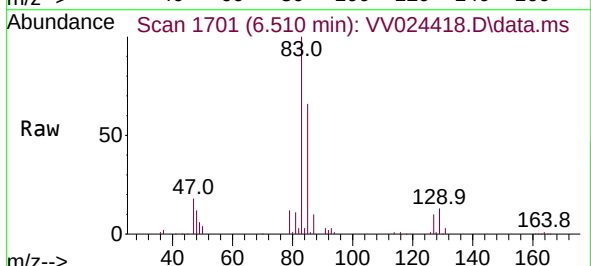
Tgt Ion: 83 Resp: 87688

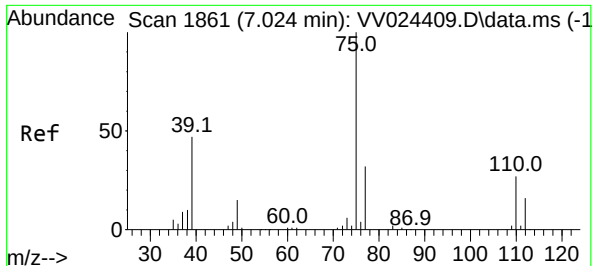
Ion Ratio Lower Upper

83 100

85 66.0 45.2 84.0

127 10.0 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 47.827 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV024418.D

Acq: 20 Jan 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :

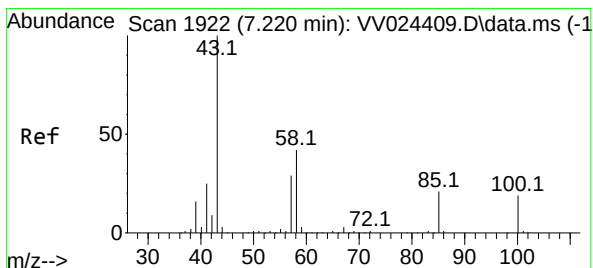
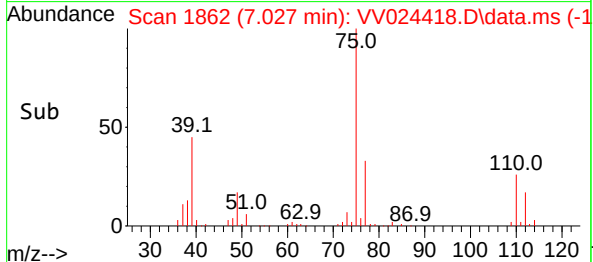
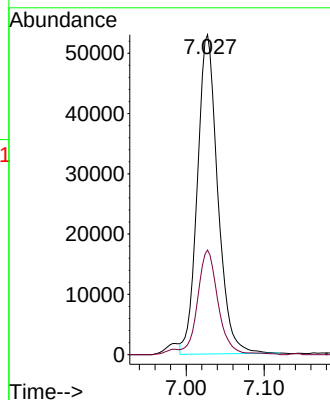
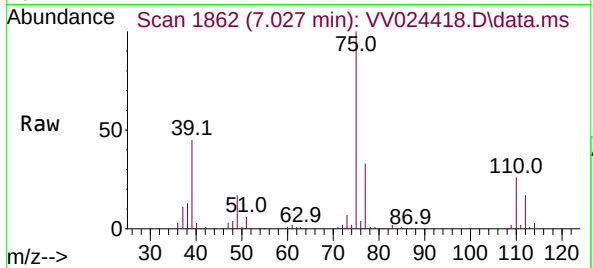
VSTD050397

Tgt Ion: 75 Resp: 96242

Ion Ratio Lower Upper

75 100

77 32.7 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 97.747 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.006 min

Lab File: VV024418.D

Acq: 20 Jan 2022 17:23

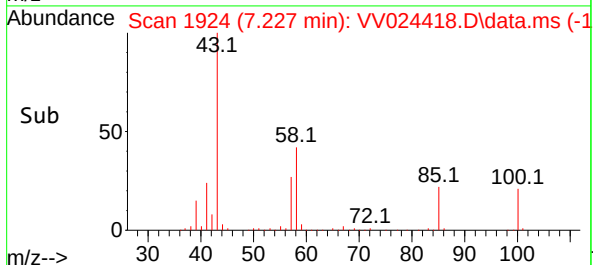
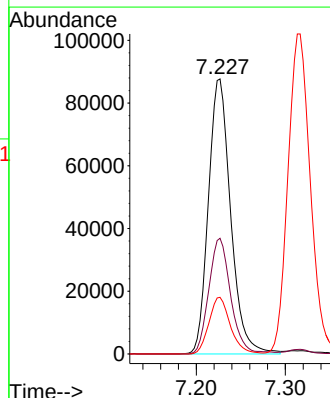
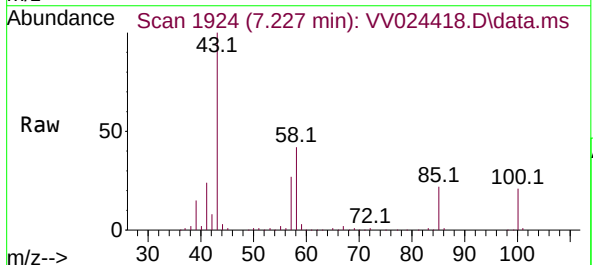
Tgt Ion: 43 Resp: 152581

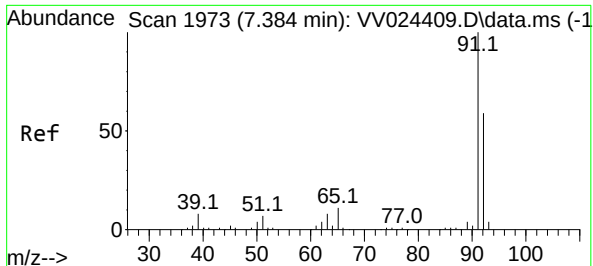
Ion Ratio Lower Upper

43 100

58 41.4 33.0 49.4

100 19.8 16.0 24.0





#42

Toluene

Concen: 47.388 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV024418.D

Acq: 20 Jan 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :

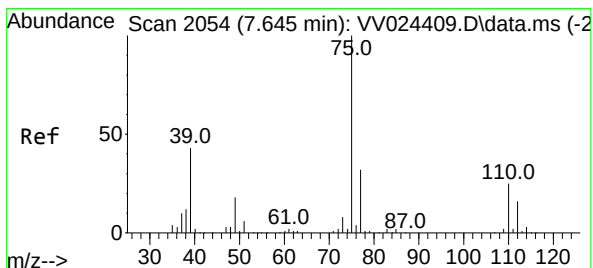
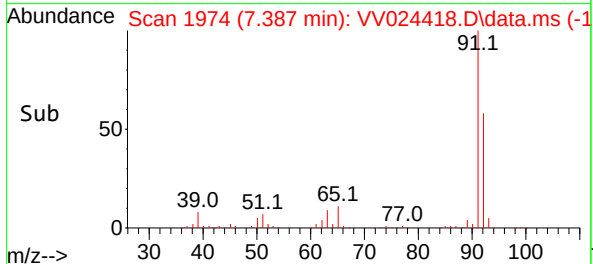
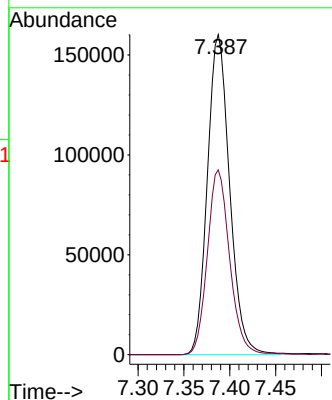
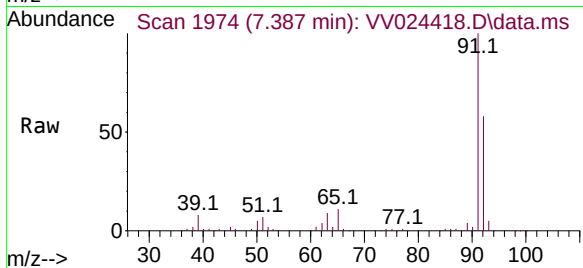
VSTD050397

Tgt Ion: 91 Resp: 270730

Ion Ratio Lower Upper

91 100

92 57.8 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 49.019 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.003 min

Lab File: VV024418.D

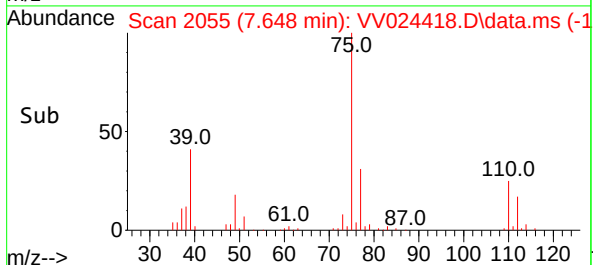
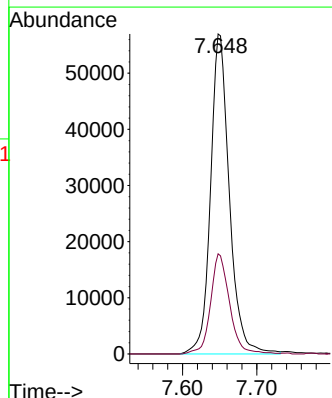
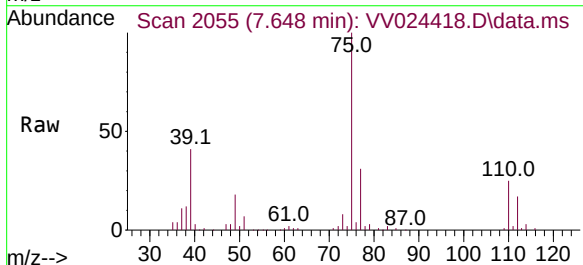
Acq: 20 Jan 2022 17:23

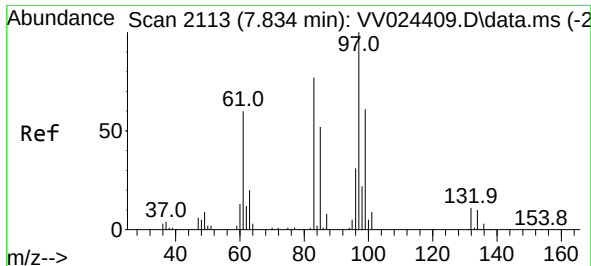
Tgt Ion: 75 Resp: 100061

Ion Ratio Lower Upper

75 100

77 31.3 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 46.829 ug/L

RT: 7.838 min Scan# 2113

Delta R.T. 0.003 min

Lab File: VV024418.D

Acq: 20 Jan 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :

VSTD050397

Tgt Ion: 97 Resp: 62844

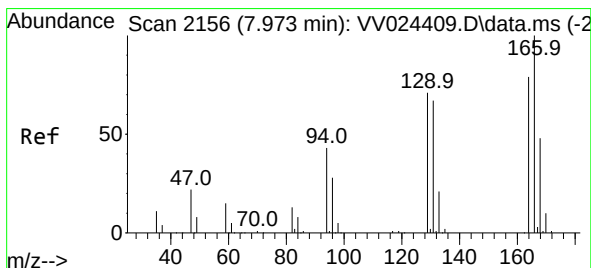
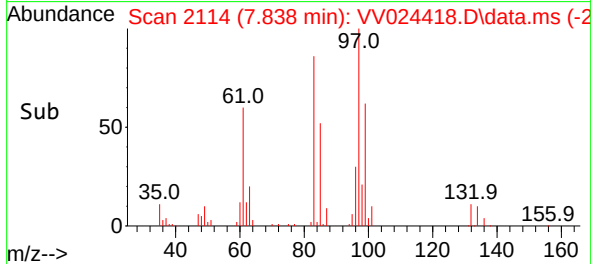
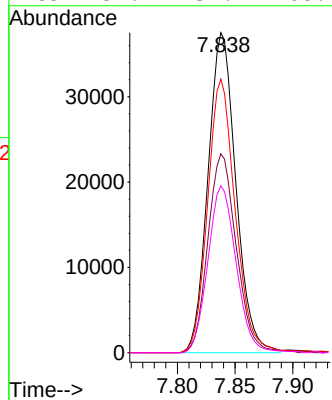
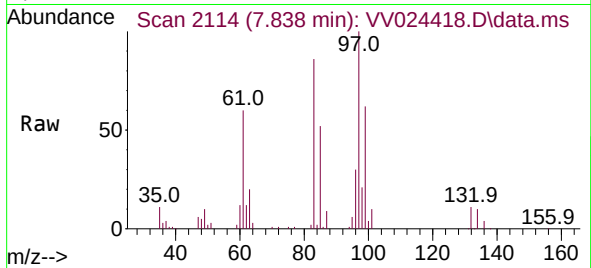
Ion Ratio Lower Upper

97 100

99 62.1 42.4 78.8

83 85.5 57.9 107.5

85 52.2 37.1 68.9



#46

Tetrachloroethene

Concen: 45.143 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV024418.D

Acq: 20 Jan 2022 17:23

Tgt Ion:164 Resp: 57667

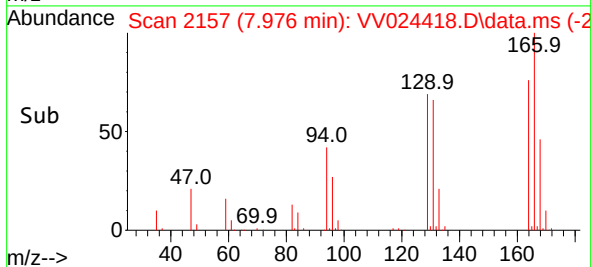
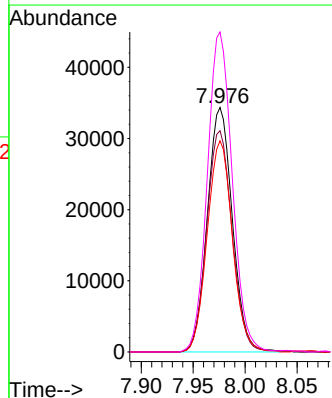
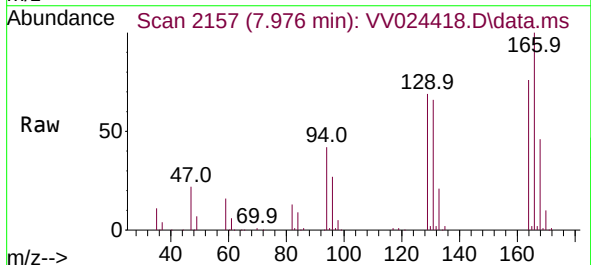
Ion Ratio Lower Upper

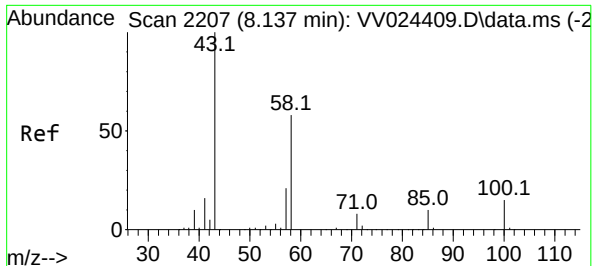
164 100

129 90.5 61.5 114.1

131 86.4 62.2 115.4

166 130.9 89.9 166.9

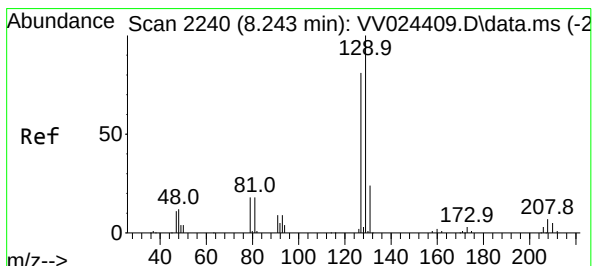
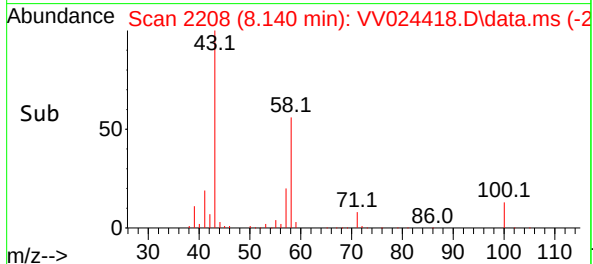
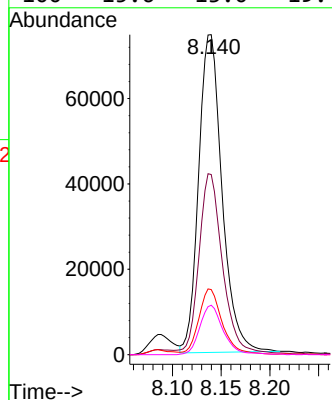
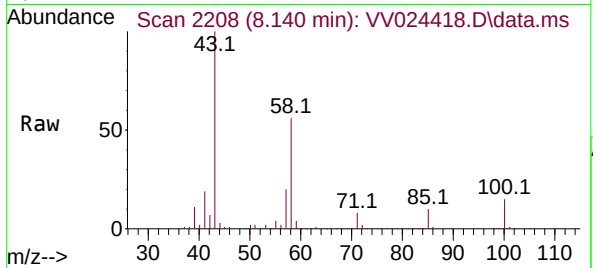




#48
2-Hexanone
Concen: 99.346 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024418.D
Acq: 20 Jan 2022 17:23

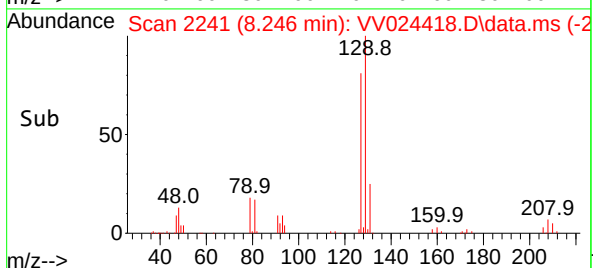
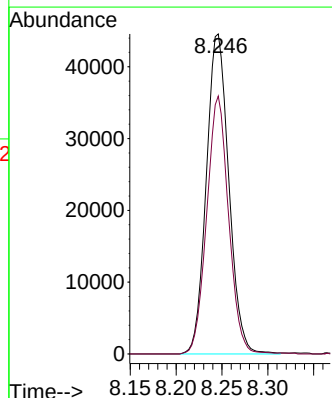
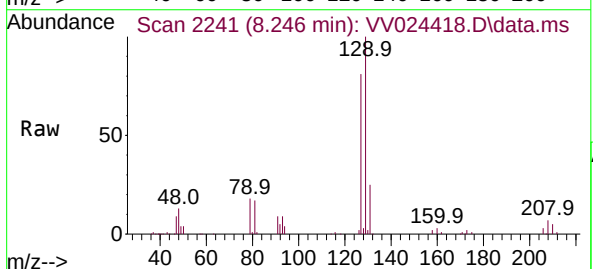
Instrument :
MSVOA_V
ClientSampleId :
VSTD050397

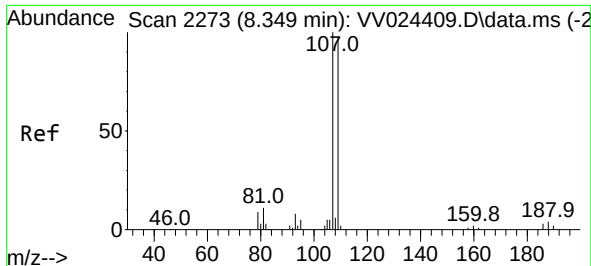
Tgt Ion: 43	Resp: 124557
Ion Ratio	Lower Upper
43 100	
58 57.6	45.0 67.4
57 20.5	16.9 25.3
100 15.6	13.0 19.4



#49
Dibromochloromethane
Concen: 45.230 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024418.D
Acq: 20 Jan 2022 17:23

Tgt Ion:129	Resp:	76085	
Ion	Ratio	Lower	Upper
129	100		
127	80.6	53.7	99.7





#50

1,2-Dibromoethane

Concen: 47.783 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024418.D

Acq: 20 Jan 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :

VSTD050397

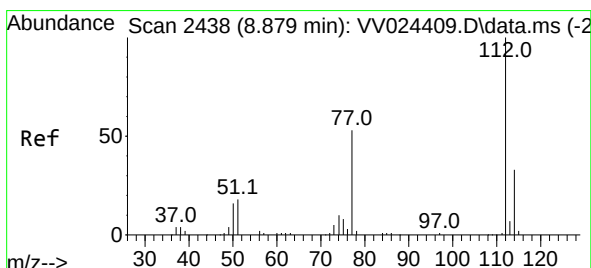
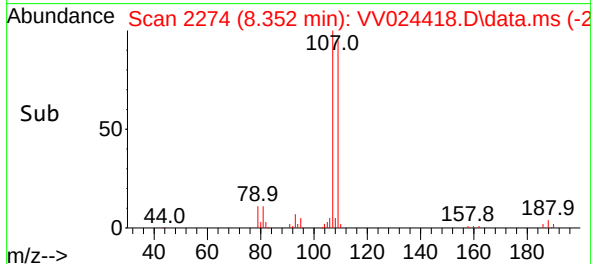
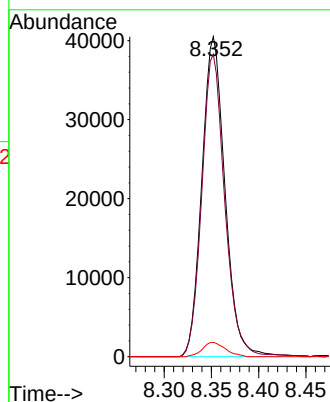
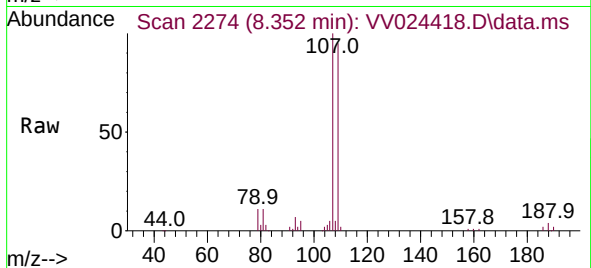
Tgt Ion:107 Resp: 68875

Ion Ratio Lower Upper

107 100

109 94.6 65.8 122.2

188 4.5 3.8 5.6



#51

Chlorobenzene

Concen: 46.098 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV024418.D

Acq: 20 Jan 2022 17:23

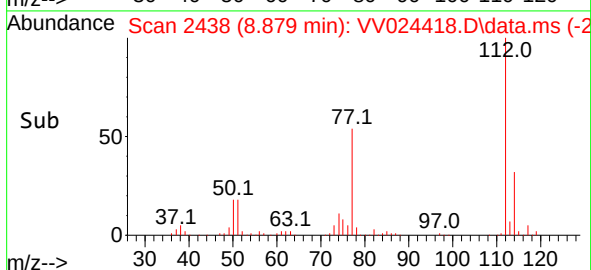
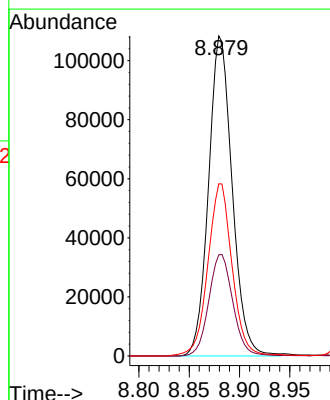
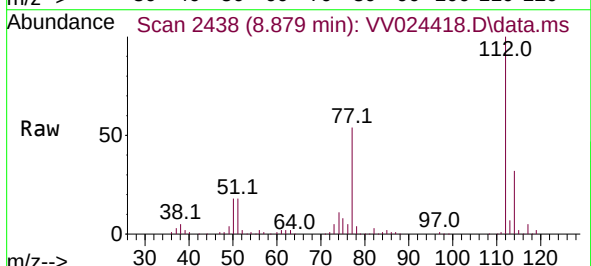
Tgt Ion:112 Resp: 177384

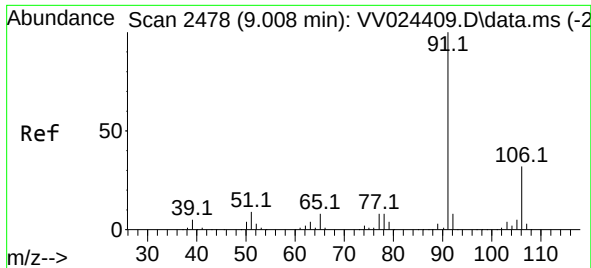
Ion Ratio Lower Upper

112 100

114 31.6 22.3 41.5

77 53.8 42.8 64.2

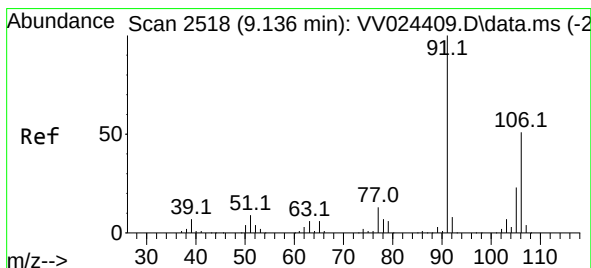
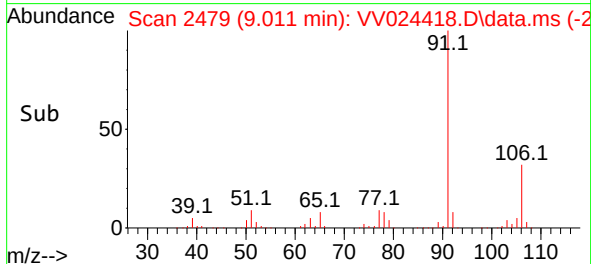
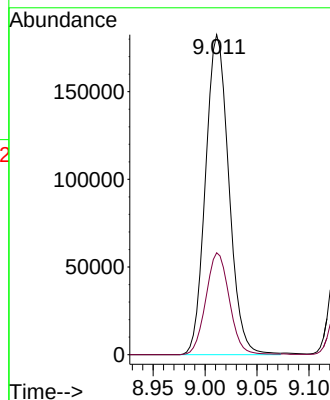
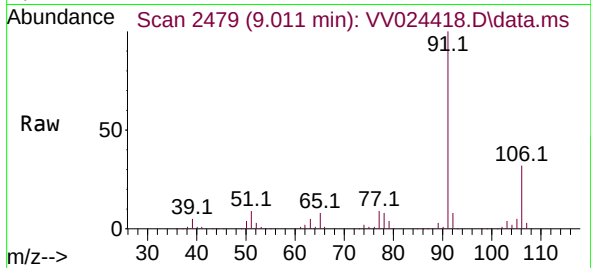




#52
Ethylbenzene
Concen: 46.589 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV024418.D
Acq: 20 Jan 2022 17:23

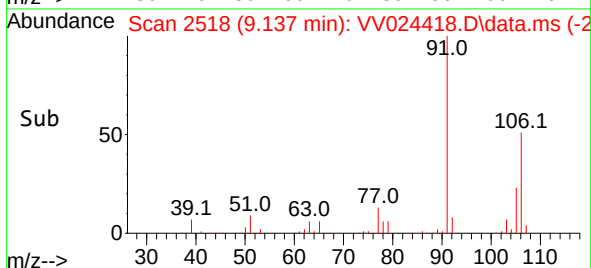
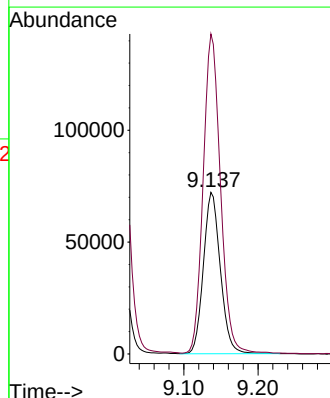
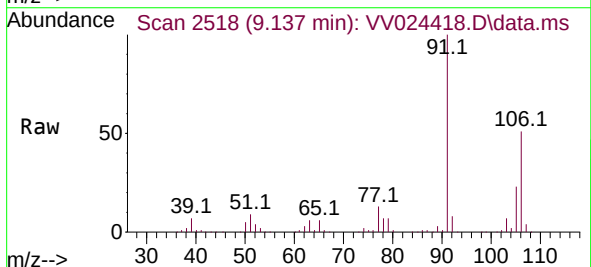
Instrument :
MSVOA_V
ClientSampleId :
VSTD050397

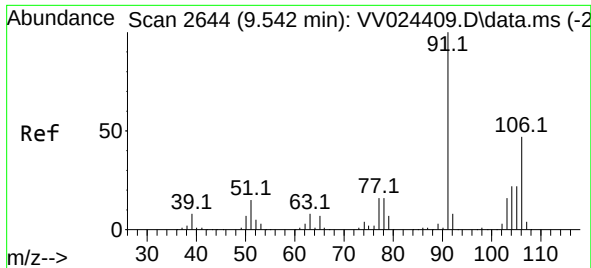
Tgt Ion: 91 Resp: 284351
Ion Ratio Lower Upper
91 100
106 31.8 22.0 41.0



#53
m,p-Xylene
Concen: 46.715 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV024418.D
Acq: 20 Jan 2022 17:23

Tgt Ion:106 Resp: 114286
Ion Ratio Lower Upper
106 100
91 198.0 141.8 263.4

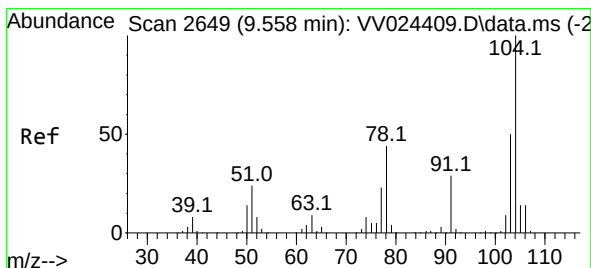
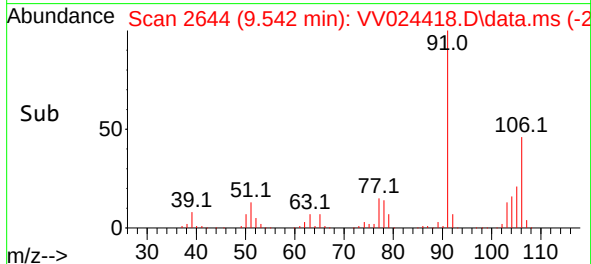
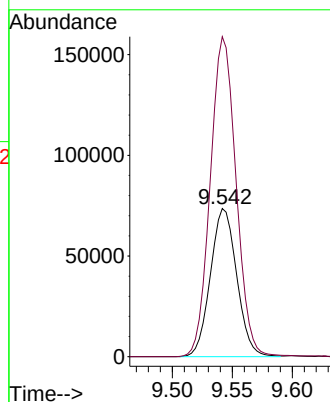
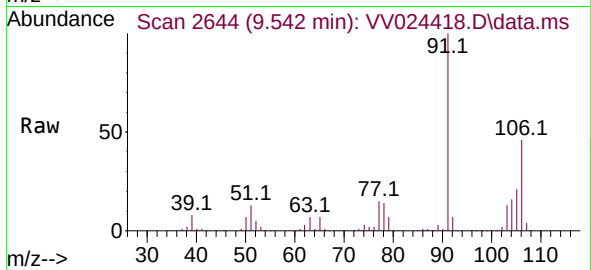




#54
o-Xylene
Concen: 48.073 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024418.D
Acq: 20 Jan 2022 17:23

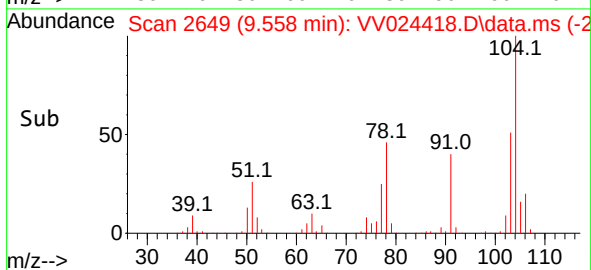
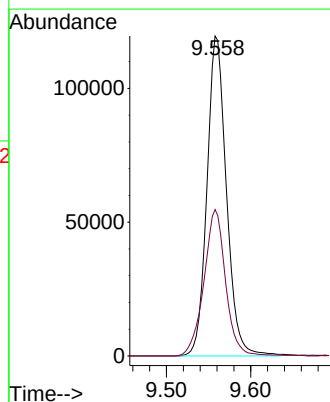
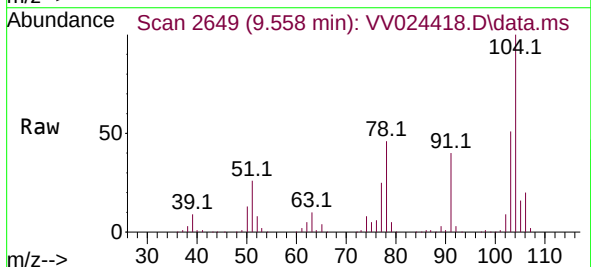
Instrument :
MSVOA_V
ClientSampleId :
VSTD050397

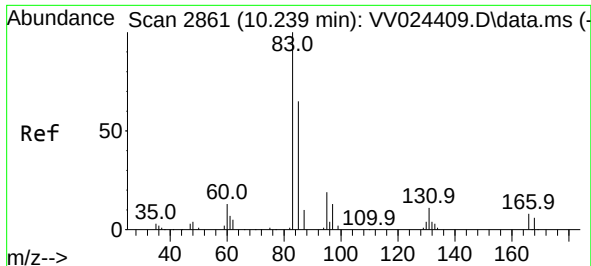
Tgt Ion:106 Resp: 112266
Ion Ratio Lower Upper
106 100
91 216.1 150.9 280.3



#55
Styrene
Concen: 47.442 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV024418.D
Acq: 20 Jan 2022 17:23

Tgt Ion:104 Resp: 192402
Ion Ratio Lower Upper
104 100
78 45.7 31.5 58.5

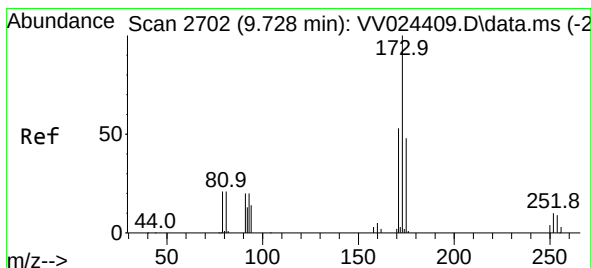
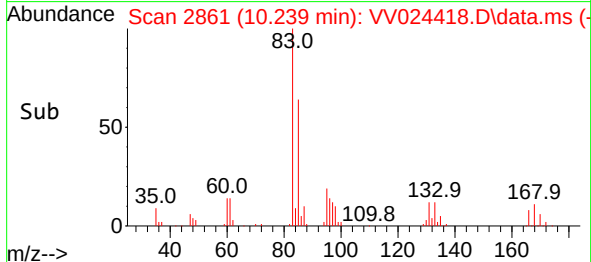
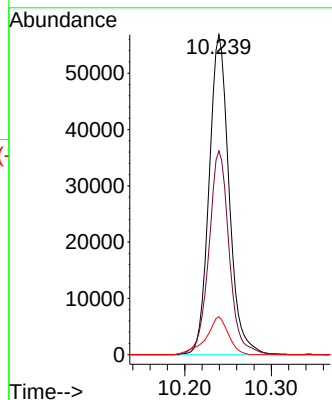
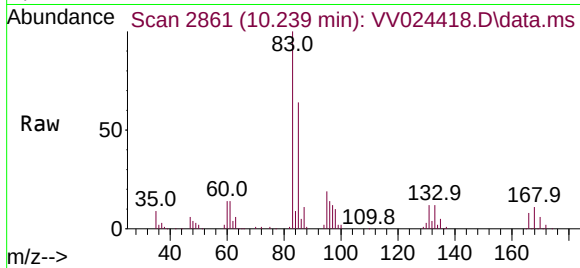




#57
1,1,2,2-Tetrachloroethane
Concen: 46.422 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV024418.D
Acq: 20 Jan 2022 17:23

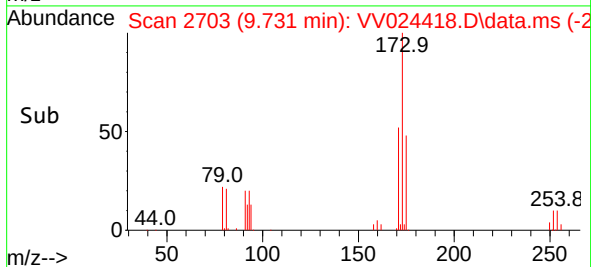
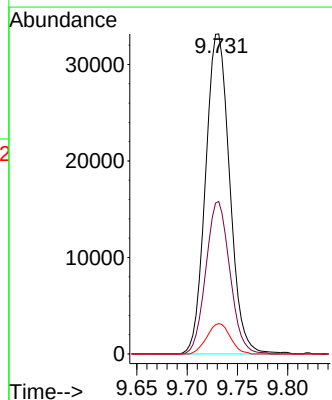
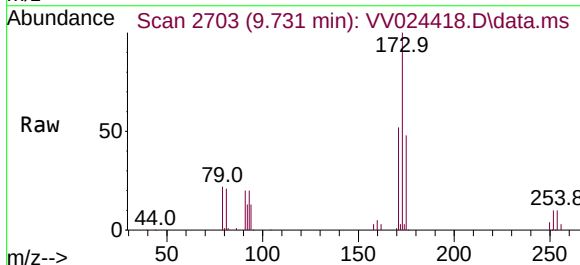
Instrument :
MSVOA_V
ClientSampleId :
VSTD050397

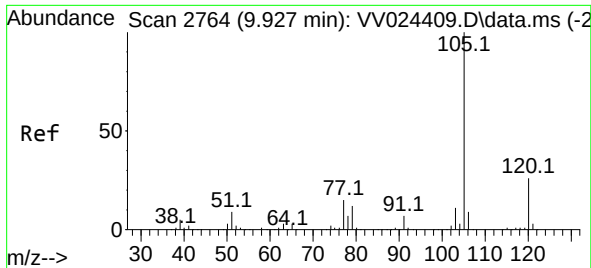
Tgt Ion:	83	Resp:	90968
Ion	Ratio	Lower	Upper
83	100		
85	63.7	44.5	82.7
131	11.8	9.2	13.8



#59
Bromoform
Concen: 43.523 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV024418.D
Acq: 20 Jan 2022 17:23

Tgt Ion:	173	Resp:	55329
Ion	Ratio	Lower	Upper
173	100		
175	47.3	39.4	59.2
254	9.2	7.8	11.6

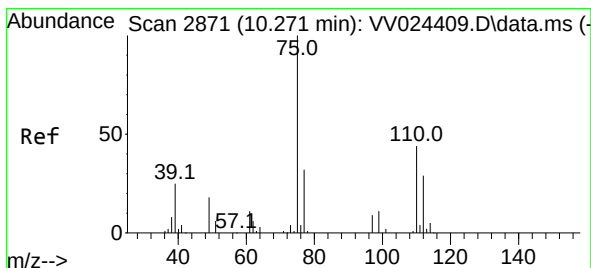
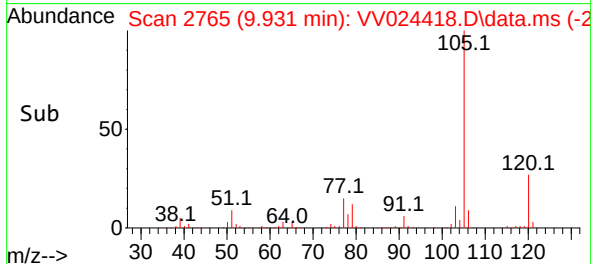
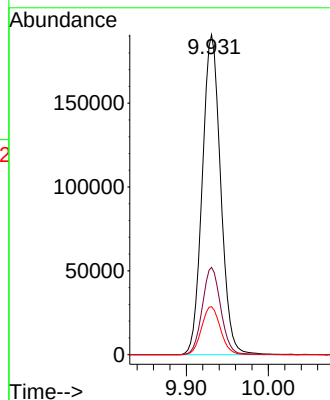
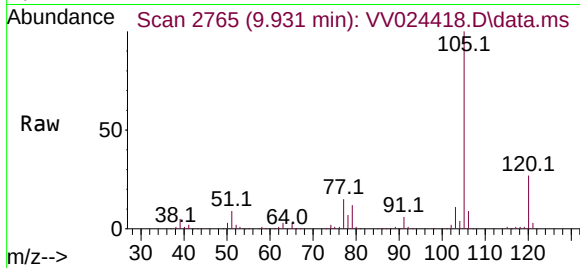




#60
Isopropylbenzene
Concen: 48.022 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024418.D
Acq: 20 Jan 2022 17:23

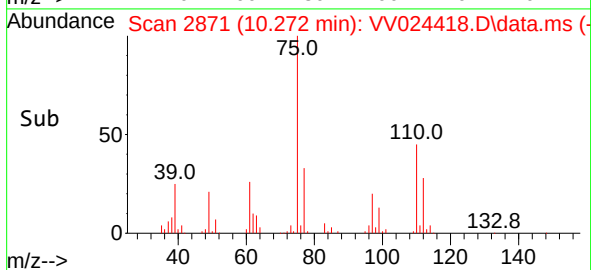
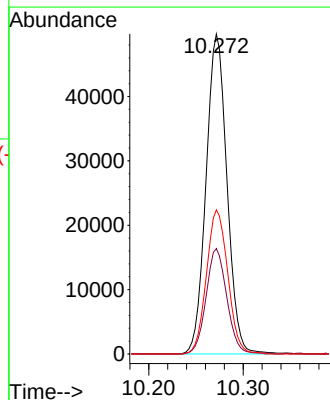
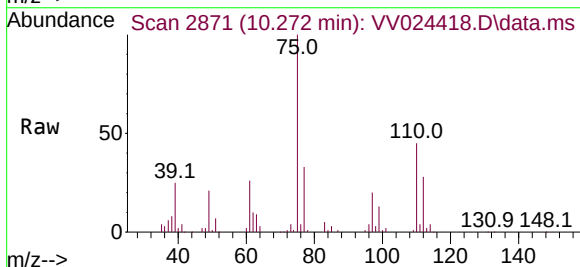
Instrument :
MSVOA_V
ClientSampleId :
VSTD050397

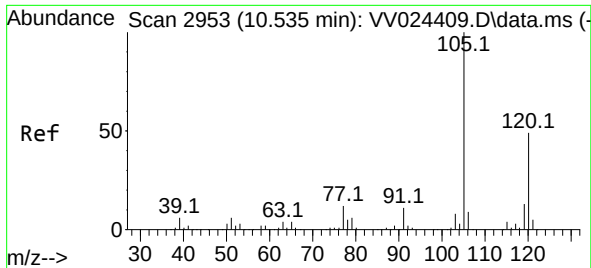
Tgt Ion:105 Resp: 296253
Ion Ratio Lower Upper
105 100
120 27.5 21.9 32.9
77 15.4 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 46.730 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024418.D
Acq: 20 Jan 2022 17:23

Tgt Ion: 75 Resp: 76500
Ion Ratio Lower Upper
75 100
77 32.7 26.9 40.3
110 46.0 37.1 55.7

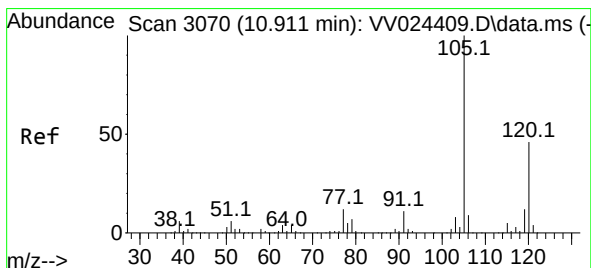
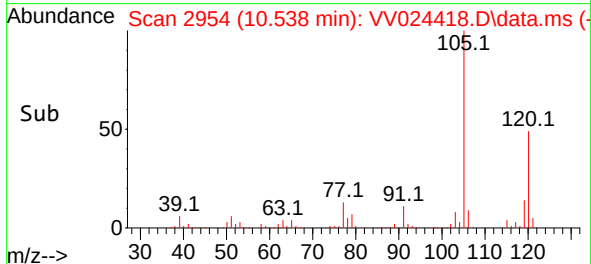
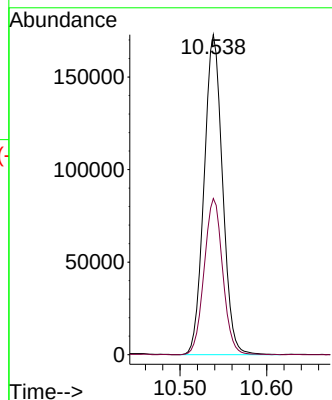
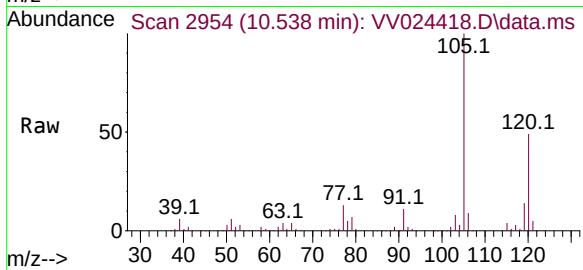




#62
 1,3,5-Trimethylbenzene
 Concen: 48.182 ug/L
 RT: 10.538 min Scan# 2953
 Delta R.T. 0.003 min
 Lab File: VV024418.D
 Acq: 20 Jan 2022 17:23

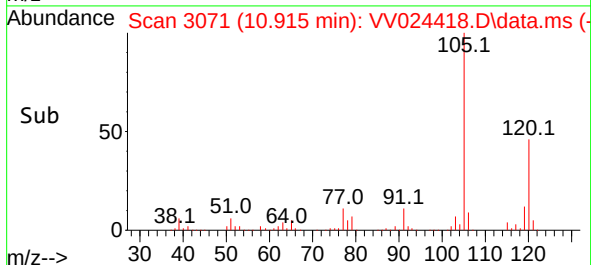
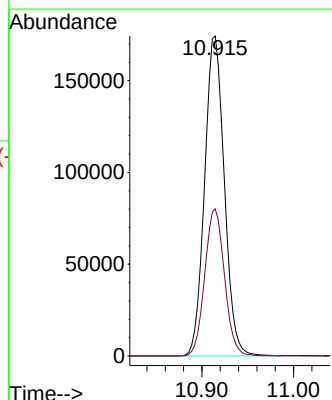
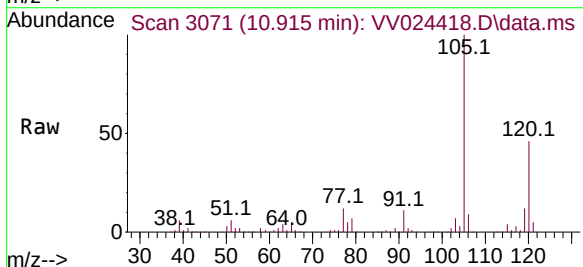
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050397

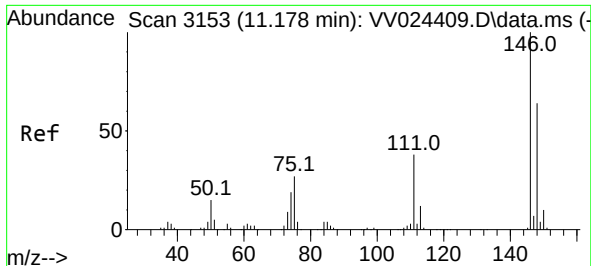
Tgt Ion:105 Resp: 255684
 Ion Ratio Lower Upper
 105 100
 120 49.0 39.4 59.2



#63
 1,2,4-Trimethylbenzene
 Concen: 49.259 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV024418.D
 Acq: 20 Jan 2022 17:23

Tgt Ion:105 Resp: 260966
 Ion Ratio Lower Upper
 105 100
 120 45.9 36.6 55.0

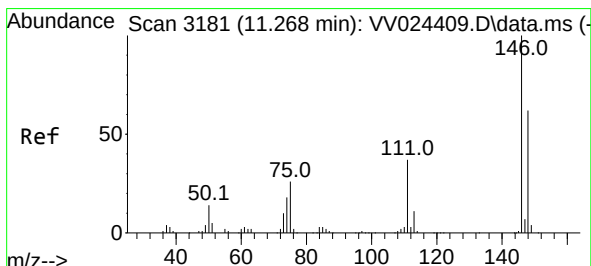
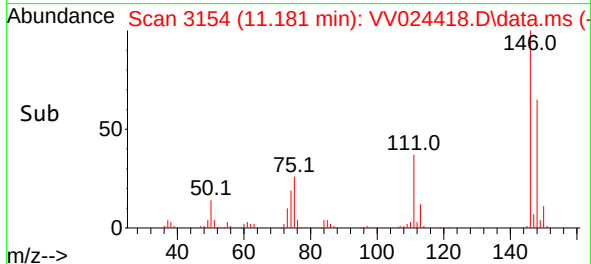
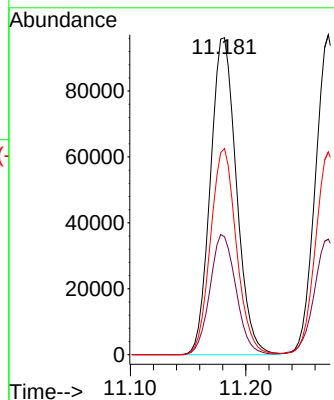
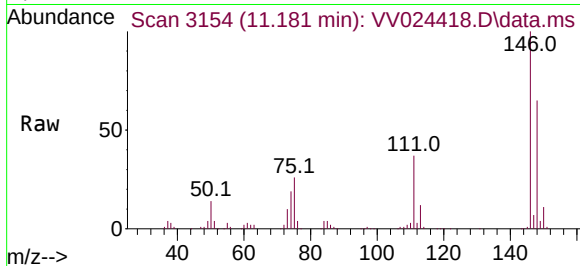




#64
1,3-Dichlorobenzene
Concen: 47.409 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV024418.D
Acq: 20 Jan 2022 17:23

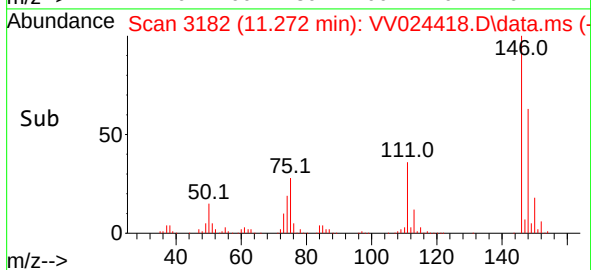
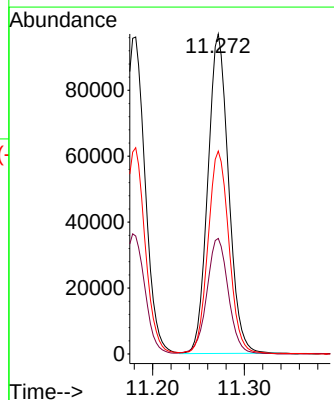
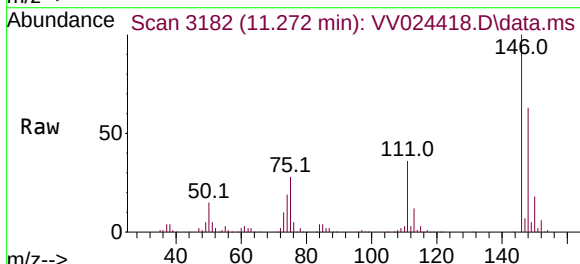
Instrument :
MSVOA_V
ClientSampleId :
VSTD050397

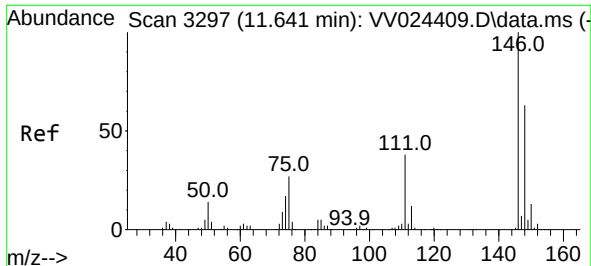
Tgt Ion:146 Resp: 150802
Ion Ratio Lower Upper
146 100
111 37.2 26.5 49.3
148 65.1 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 46.438 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV024418.D
Acq: 20 Jan 2022 17:23

Tgt Ion:146 Resp: 152333
Ion Ratio Lower Upper
146 100
111 36.1 26.5 49.3
148 63.4 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 46.165 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV024418.D

Acq: 20 Jan 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :

VSTD050397

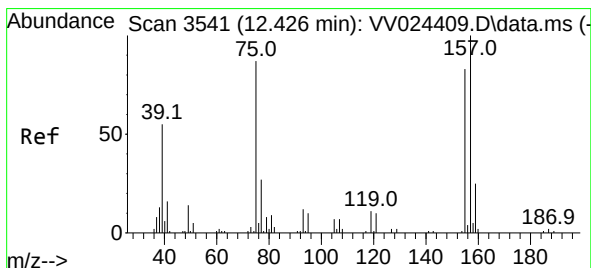
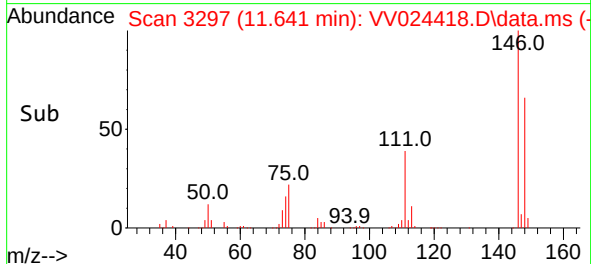
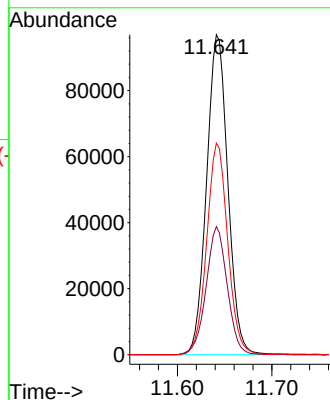
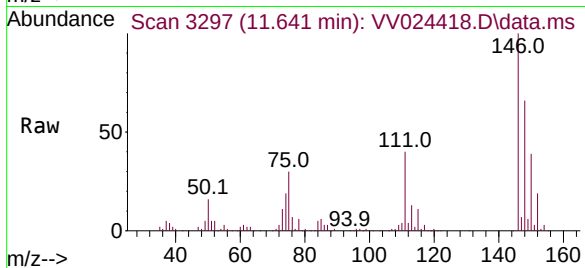
Tgt Ion:146 Resp: 151339

Ion Ratio Lower Upper

146 100

111 40.0 32.0 48.0

148 66.1 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 42.491 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV024418.D

Acq: 20 Jan 2022 17:23

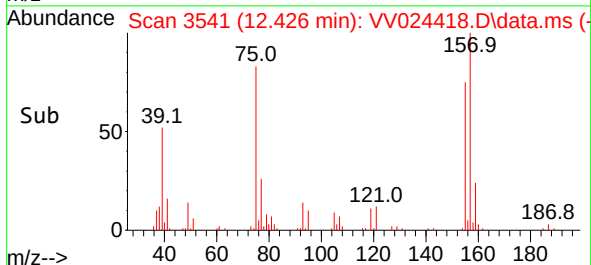
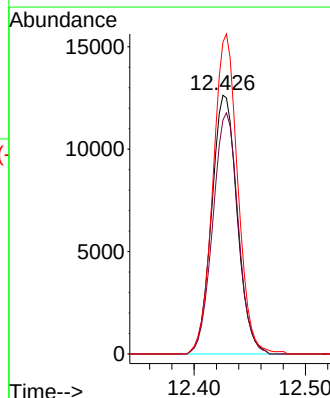
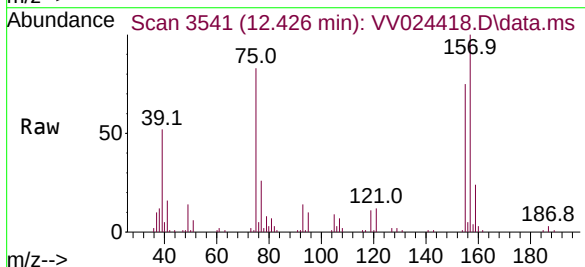
Tgt Ion: 75 Resp: 20034

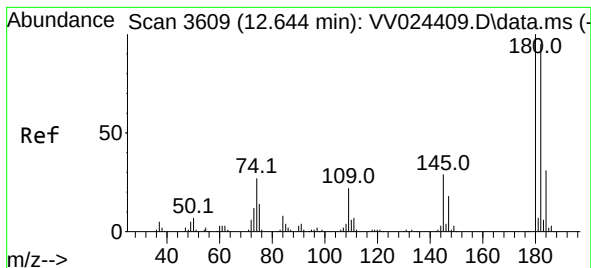
Ion Ratio Lower Upper

75 100

155 90.4 73.2 109.8

157 120.5 98.5 147.7





#69

1,3,5-Trichlorobenzene

Concen: 46.084 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV024418.D

Acq: 20 Jan 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :

VSTD050397

Tgt Ion:180 Resp: 112753

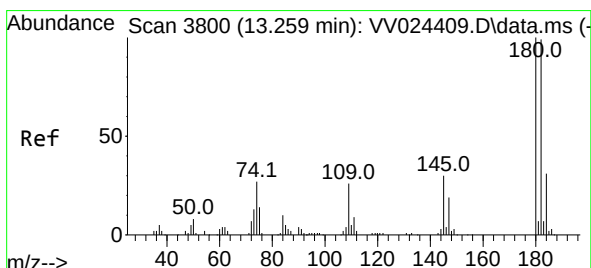
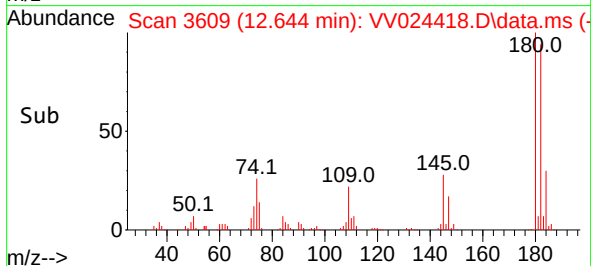
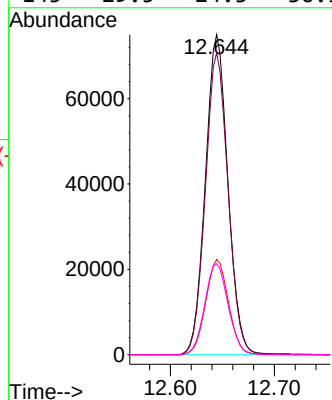
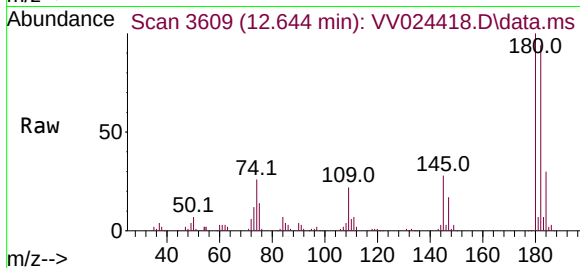
Ion Ratio Lower Upper

180 100

182 94.7 75.4 113.2

184 30.1 24.7 37.1

145 29.5 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 45.747 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV024418.D

Acq: 20 Jan 2022 17:23

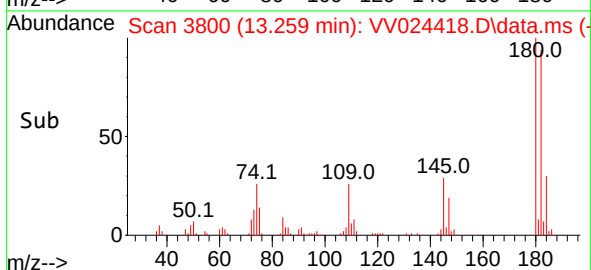
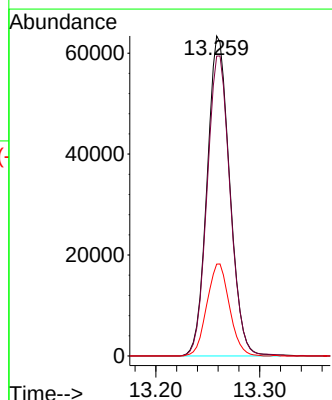
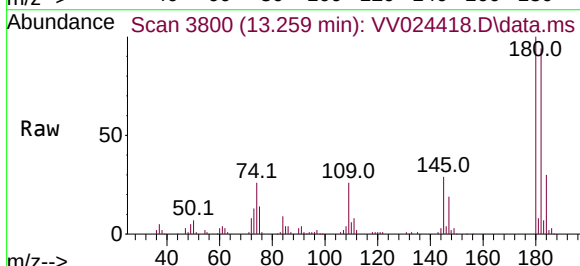
Tgt Ion:180 Resp: 95723

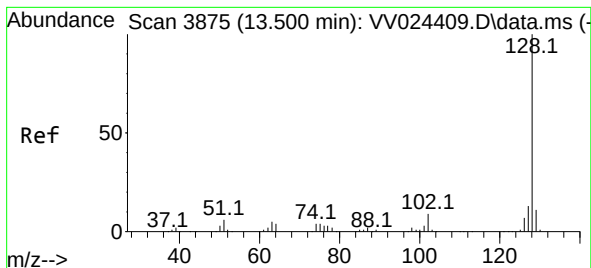
Ion Ratio Lower Upper

180 100

182 95.7 75.6 113.4

145 28.7 23.9 35.9





#71

Naphthalene

Concen: 45.252 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV024418.D

Acq: 20 Jan 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :

VSTD050397

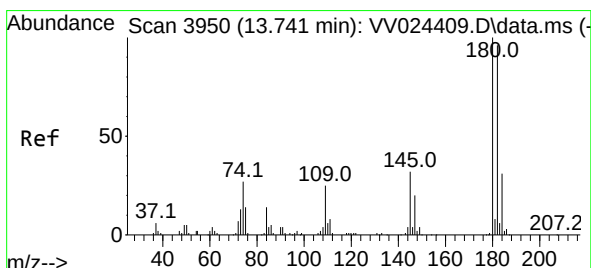
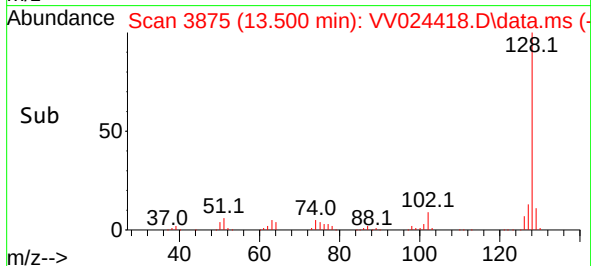
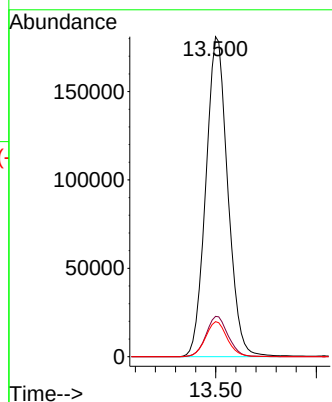
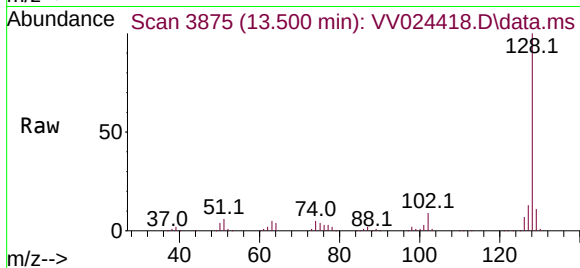
Tgt Ion:128 Resp: 273953

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 45.911 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV024418.D

Acq: 20 Jan 2022 17:23

Tgt Ion:180 Resp: 99288

Ion Ratio Lower Upper

180 100

182 95.1 76.1 114.1

145 31.9 25.0 37.4

