

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041522\
 Data File : VW025581.D
 Acq On : 15 Apr 2022 21:10
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005380

Quant Time: Apr 16 02:46:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 16 02:38:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	131578	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	128871	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71529	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	43679	3.571	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	1.574	69	44002	3.381	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.600%
11) 1,1-Dichloroethene-d2	2.117	63	100021	4.082	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	3.899	46	83012	55.787	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.580%
24) Chloroform-d	4.355	84	86552	4.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.037	65	38986	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.053	84	158094	4.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.072	67	47461	4.564	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.317	98	145580	4.207	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	7.625	79	15345	4.390	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.088	63	57958	47.246	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.500%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30515	4.645	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	50918	4.246	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	58801	4.947	ug/L	100
3) Chloromethane	1.246	50	70980	5.496	ug/L	100
5) Vinyl chloride	1.317	62	76578	5.247	ug/L	98
6) Bromomethane	1.529	94	46362	4.405	ug/L	100
8) Chloroethane	1.590	64	53133	4.716	ug/L	100
9) Trichlorofluoromethane	1.761	101	112387	5.482	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	59624	5.177	ug/L	98
12) 1,1-Dichloroethene	2.124	96	57780	5.063	ug/L	85
13) Acetone	2.191	43	54094	53.560	ug/L	98
14) Carbon disulfide	2.301	76	129886	4.755	ug/L	99
15) Methyl Acetate	2.449	43	12819	5.711	ug/L	91
16) Methylene chloride	2.513	84	52391	4.735	ug/L	95
17) Methyl tert-butyl Ether	2.777	73	89804	5.085	ug/L	98
18) trans-1,2-Dichloroethene	2.767	96	48959	5.120	ug/L	95
19) 1,1-Dichloroethane	3.198	63	89513	5.526	ug/L	95
21) 2-Butanone	3.982	43	76139	54.557	ug/L	95
22) cis-1,2-Dichloroethene	3.918	96	50736	5.039	ug/L	92
23) Bromochloromethane	4.256	128	20982	5.020	ug/L #	84
25) Chloroform	4.381	83	95160	5.566	ug/L	99

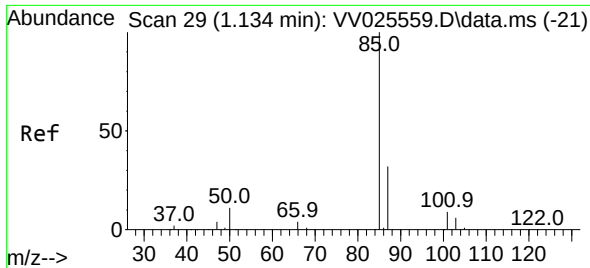
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041522\
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Quant Time: Apr 16 02:46:27 2022
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	50674	5.617	ug/L	96
29) 1,1,1-Trichloroethane	4.613	97	84024	5.528	ug/L	98
30) Cyclohexane	4.683	56	69696	5.043	ug/L	95
31) Carbon tetrachloride	4.831	117	70576	5.490	ug/L	100
33) Benzene	5.104	78	205853	5.408	ug/L	100
34) Trichloroethene	5.918	95	53645	5.307	ug/L	98
35) Methylcyclohexane	6.133	83	75506	4.682	ug/L	97
37) 1,2-Dichloropropane	6.175	63	47118	5.350	ug/L	100
38) Bromodichloromethane	6.513	83	60931	5.573	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	60384	5.232	ug/L	96
40) 4-Methyl-2-pentanone	7.227	43	207112	58.734	ug/L	96
42) Toluene	7.387	91	219154	5.292	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	48207	5.376	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	31914	5.411	ug/L	98
47) Tetrachloroethene	7.976	164	40249	5.086	ug/L	98
48) 2-Hexanone	8.140	43	149532	60.848	ug/L	95
49) Dibromochloromethane	8.246	129	34952	5.399	ug/L	96
50) 1,2-Dibromoethane	8.355	107	28929	5.222	ug/L	98
51) Chlorobenzene	8.882	112	137108	5.185	ug/L	99
52) Ethylbenzene	9.011	91	226200	5.122	ug/L	98
53) m,p-Xylene	9.140	106	89980	5.358	ug/L	98
54) o-Xylene	9.545	106	85249	5.227	ug/L	95
55) Styrene	9.561	104	145110	5.472	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	29341	4.979	ug/L	99
59) Bromoform	9.731	173	14828	5.022	ug/L	99
60) Isopropylbenzene	9.931	105	228338	5.157	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	24384	5.176	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	95195	4.822	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	174780	4.913	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	102991	4.983	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	104217	4.968	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	91909	5.022	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	4209	5.168	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	72417	4.605	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	55873	4.609	ug/L	98
71) Naphthalene	13.503	128	80387	4.521	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	48215	4.804	ug/L	96

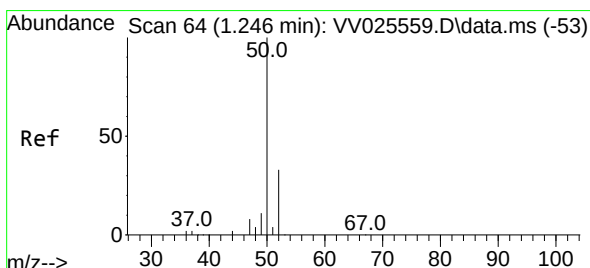
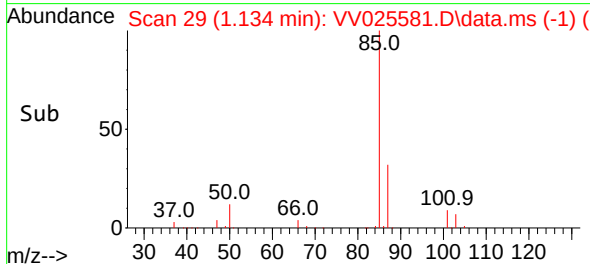
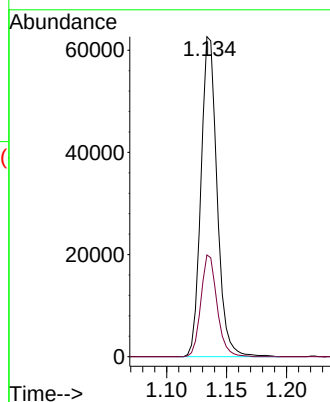
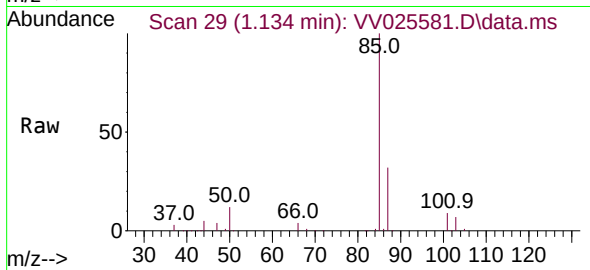
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.947 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VV025581.D
 Acq: 15 Apr 2022 21:10

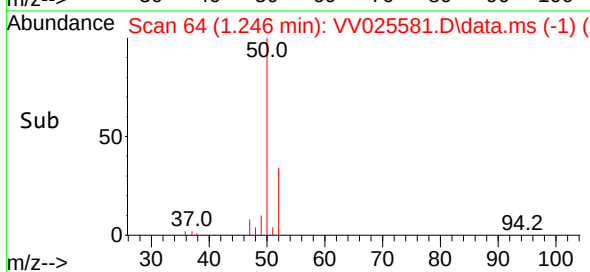
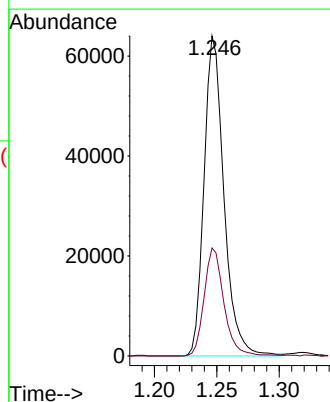
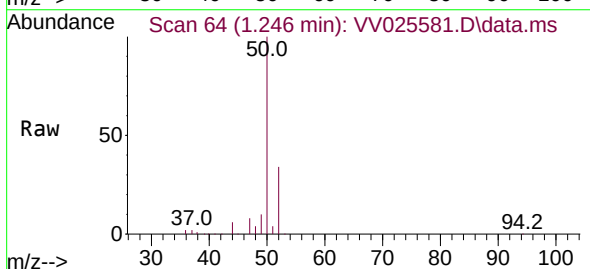
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005380

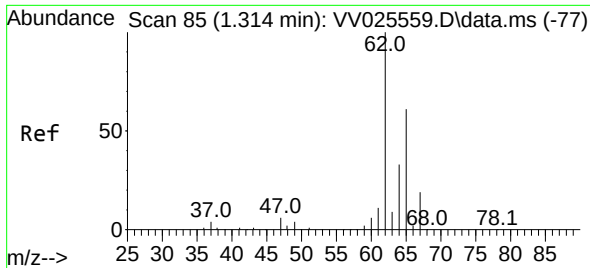
Tgt Ion: 85 Resp: 58801
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.6 38.4



#3
 Chloromethane
 Concen: 5.496 ug/L
 RT: 1.246 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: VV025581.D
 Acq: 15 Apr 2022 21:10

Tgt Ion: 50 Resp: 70980
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.7 43.9

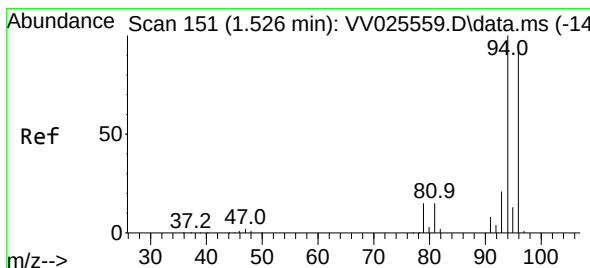
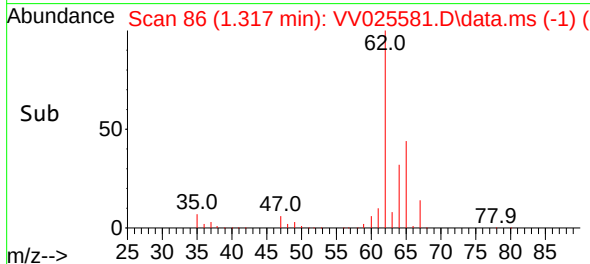
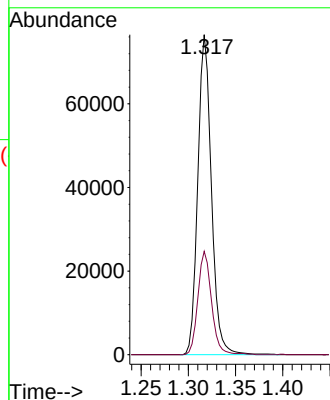
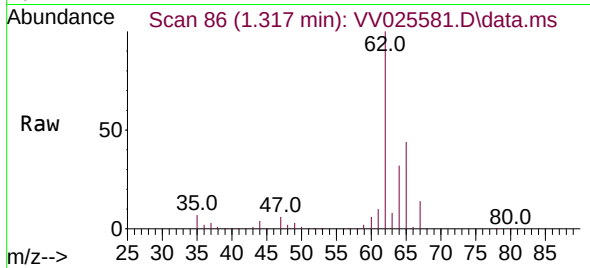




#5
 Vinyl chloride
 Concen: 5.247 ug/L
 RT: 1.317 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VV025581.D
 Acq: 15 Apr 2022 21:10

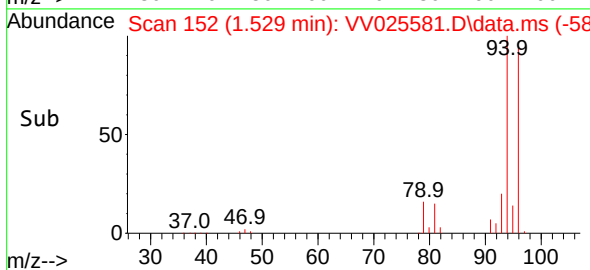
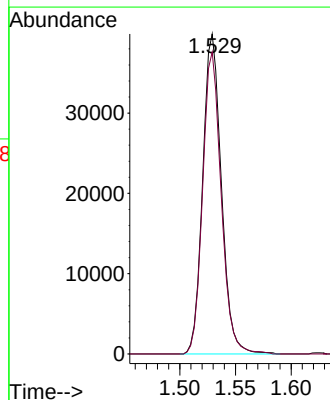
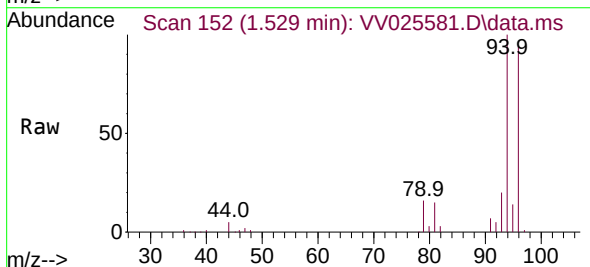
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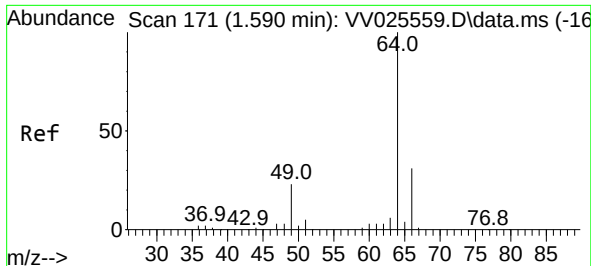
Tgt Ion: 62 Resp: 76578
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.2 43.2



#6
 Bromomethane
 Concen: 4.405 ug/L
 RT: 1.529 min Scan# 152
 Delta R.T. 0.003 min
 Lab File: VV025581.D
 Acq: 15 Apr 2022 21:10

Tgt Ion: 94 Resp: 46362
 Ion Ratio Lower Upper
 94 100
 96 94.3 66.1 122.7

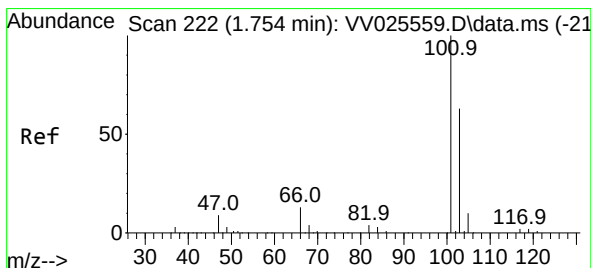
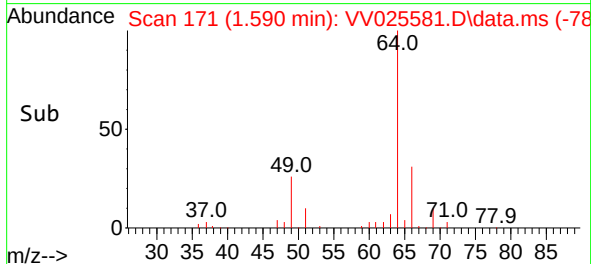
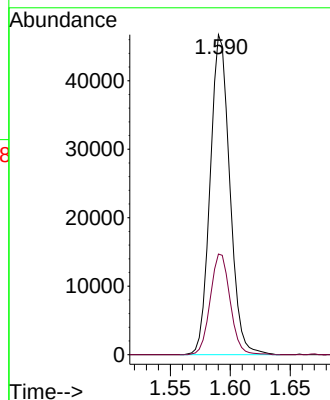
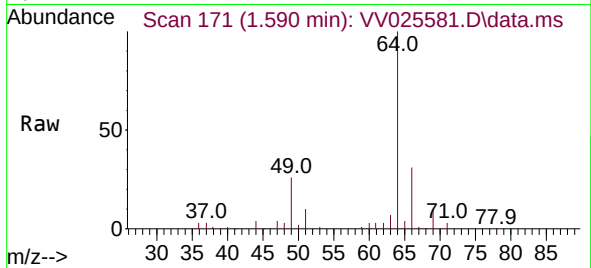




#8
Chloroethane
Concen: 4.716 ug/L
RT: 1.590 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025581.D
Acq: 15 Apr 2022 21:10

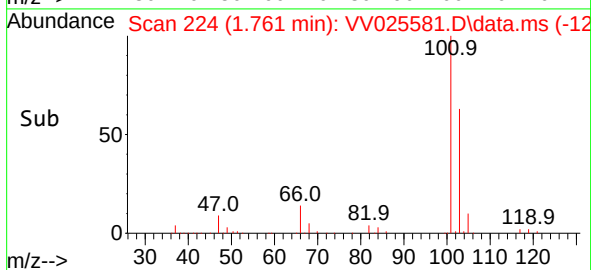
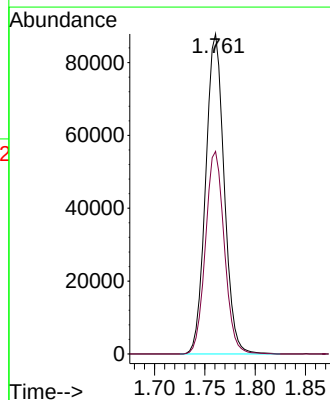
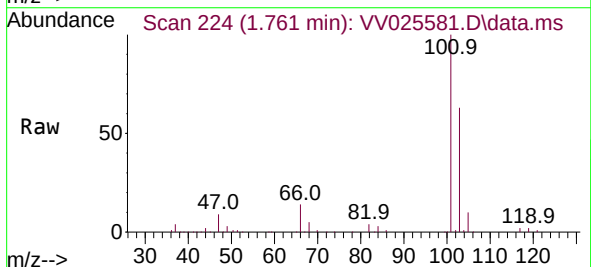
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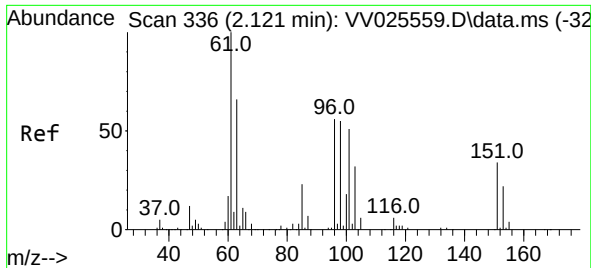
Tgt Ion: 64 Resp: 53133
Ion Ratio Lower Upper
64 100
66 31.5 21.8 40.6



#9
Trichlorofluoromethane
Concen: 5.482 ug/L
RT: 1.761 min Scan# 224
Delta R.T. 0.006 min
Lab File: VV025581.D
Acq: 15 Apr 2022 21:10

Tgt Ion:101 Resp: 112387
Ion Ratio Lower Upper
101 100
103 64.4 51.9 77.9

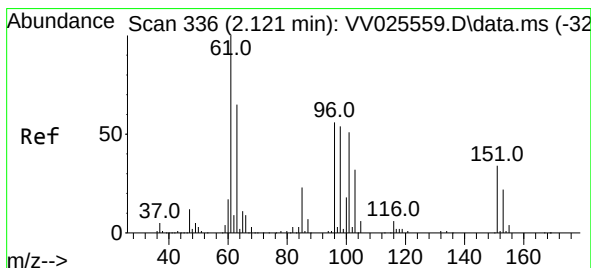
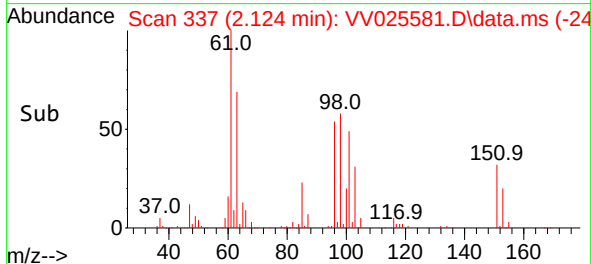
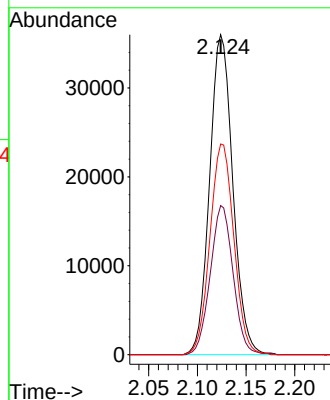
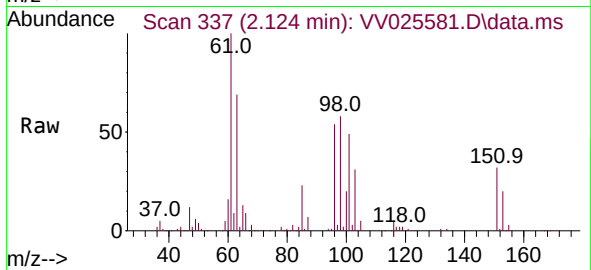




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.177 ug/L
 RT: 2.124 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV025581.D
 Acq: 15 Apr 2022 21:10

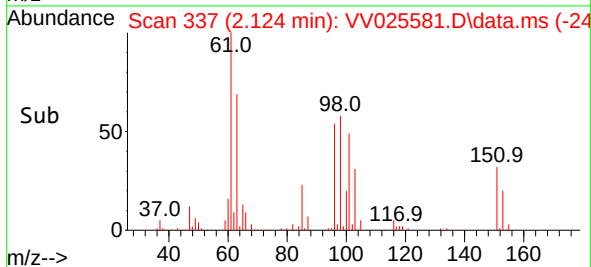
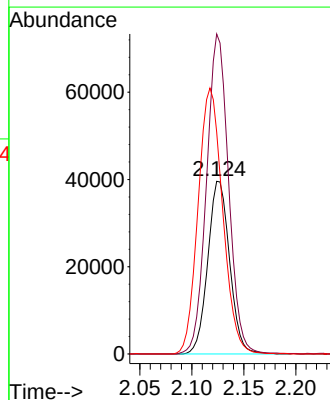
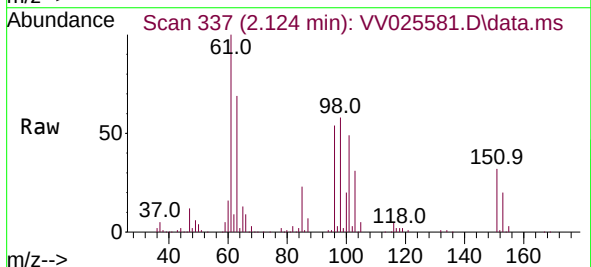
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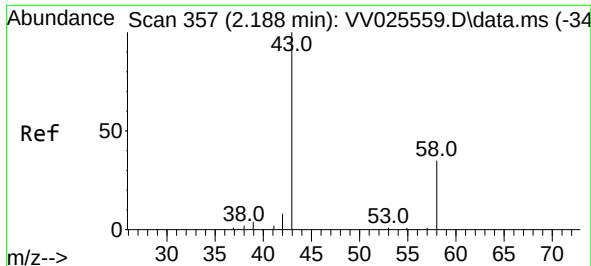
Tgt Ion:101 Resp: 59624
 Ion Ratio Lower Upper
 101 100
 85 45.9 35.9 53.9
 151 68.0 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 5.063 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. 0.003 min
 Lab File: VV025581.D
 Acq: 15 Apr 2022 21:10

Tgt Ion: 96 Resp: 57780
 Ion Ratio Lower Upper
 96 100
 61 185.3 125.2 232.4
 63 128.5 114.4 212.4





#13

Acetone

Concen: 53.560 ug/L

RT: 2.191 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV025581.D

Acq: 15 Apr 2022 21:10

Instrument :

MSVOA_V

ClientSampleId :

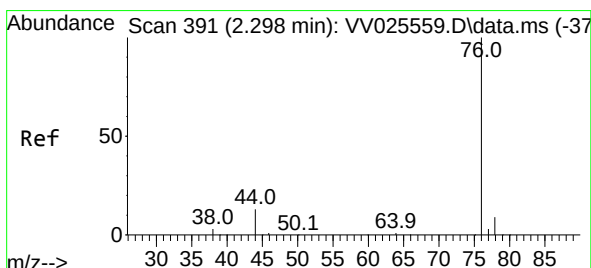
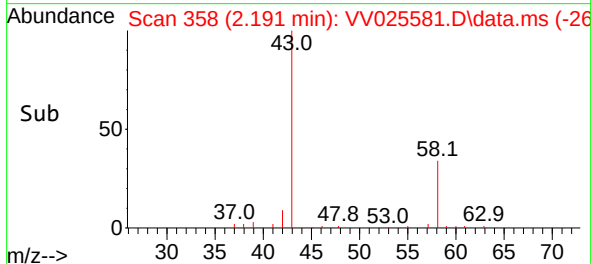
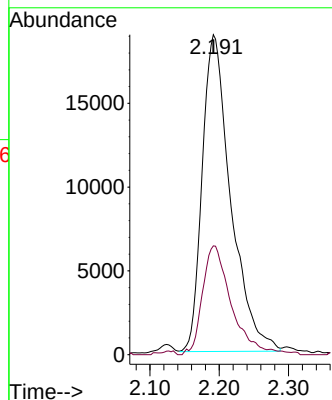
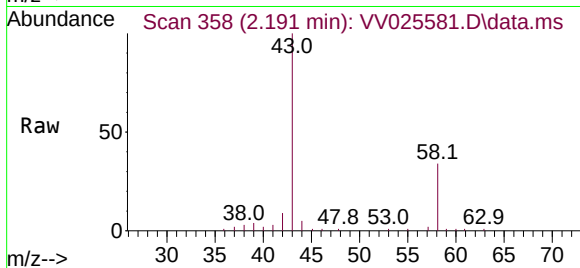
VSTD005380

Tgt Ion: 43 Resp: 54094

Ion Ratio Lower Upper

43 100

58 34.9 0.0 72.2



#14

Carbon disulfide

Concen: 4.755 ug/L

RT: 2.301 min Scan# 392

Delta R.T. 0.003 min

Lab File: VV025581.D

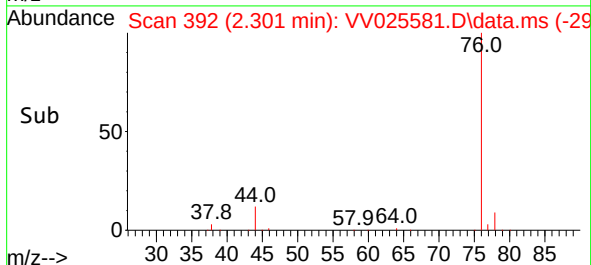
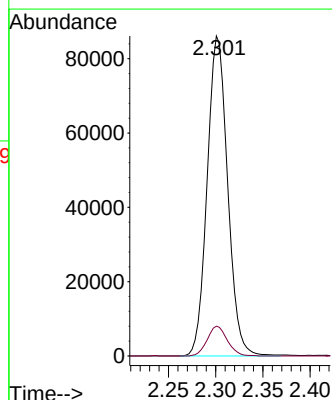
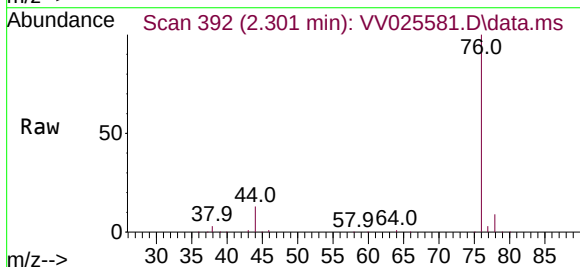
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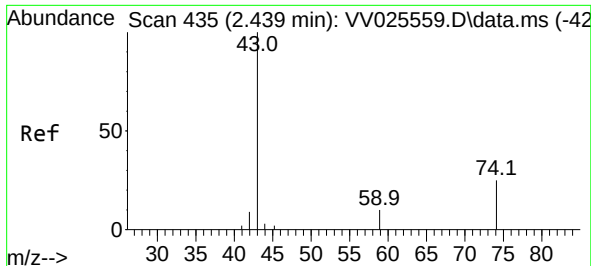
Tgt Ion: 76 Resp: 129886

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9





#15

Methyl Acetate

Concen: 5.711 ug/L

RT: 2.449 min Scan# 41

Delta R.T. 0.009 min

Lab File: VV025581.D

Acq: 15 Apr 2022 21:10

Instrument :

MSVOA_V

ClientSampleId :

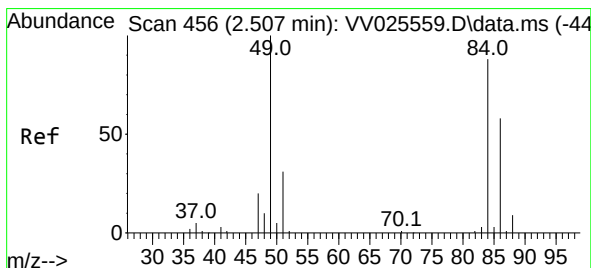
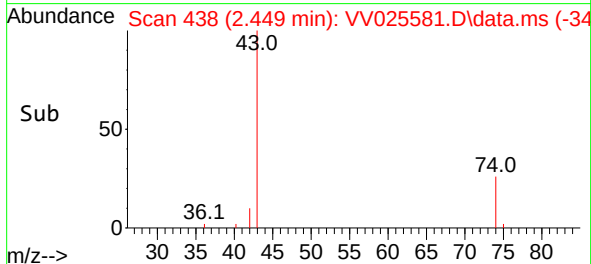
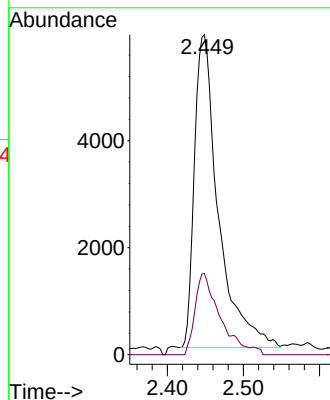
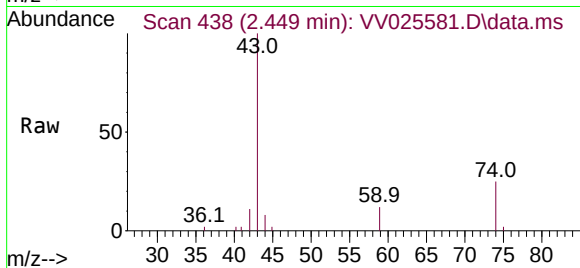
VSTD005380

Tgt Ion: 43 Resp: 12819

Ion Ratio Lower Upper

43 100

74 26.5 25.2 37.8



#16

Methylene chloride

Concen: 4.735 ug/L

RT: 2.513 min Scan# 458

Delta R.T. 0.006 min

Lab File: VV025581.D

Acq: 15 Apr 2022 21:10

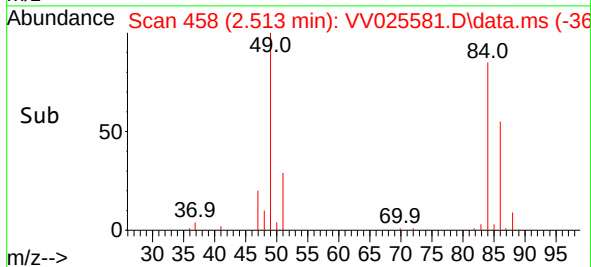
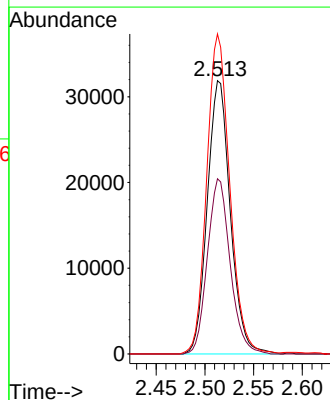
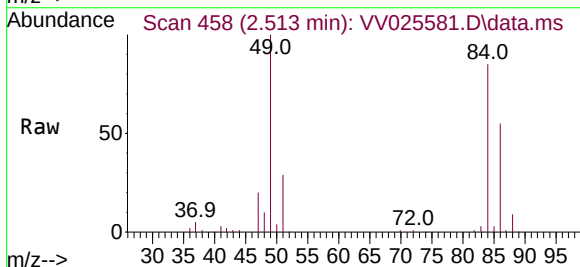
Tgt Ion: 84 Resp: 52391

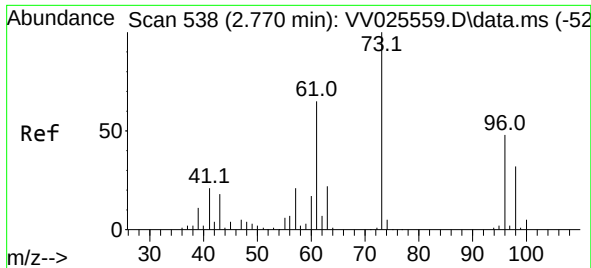
Ion Ratio Lower Upper

84 100

86 64.1 45.9 85.3

49 117.1 76.6 142.3

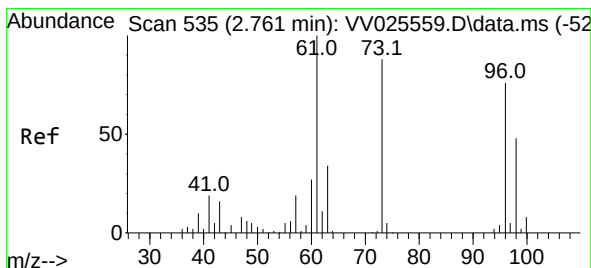
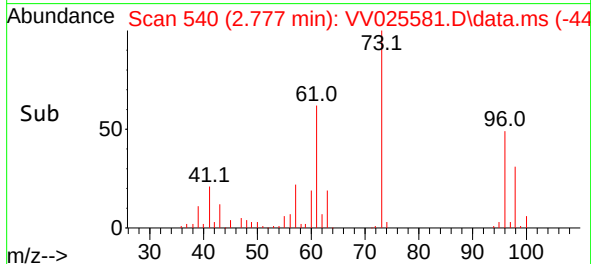
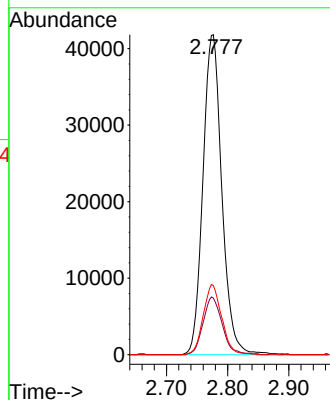
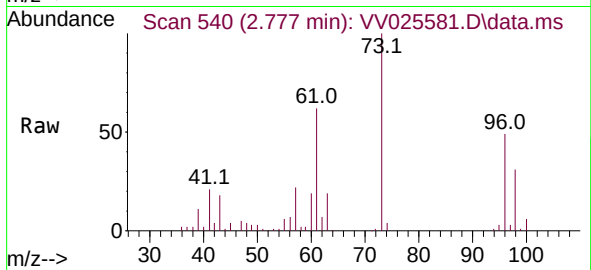




#17
Methyl tert-butyl Ether
Concen: 5.085 ug/L
RT: 2.777 min Scan# 54
Delta R.T. 0.006 min
Lab File: VV025581.D
Acq: 15 Apr 2022 21:10

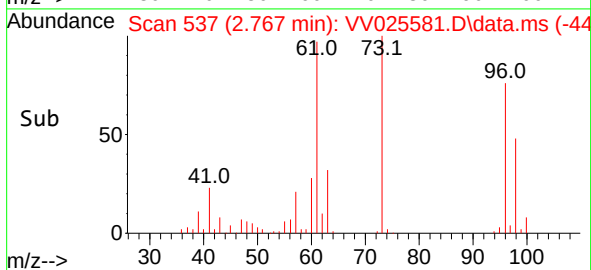
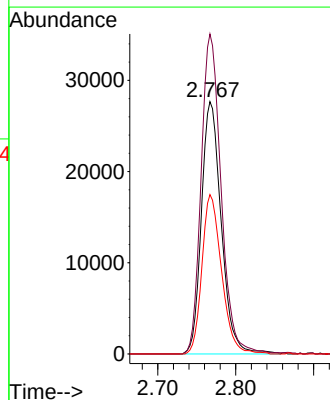
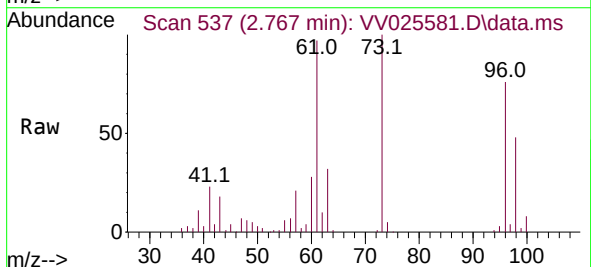
Instrument :
MSVOA_V
ClientSampleId :
VSTD005380

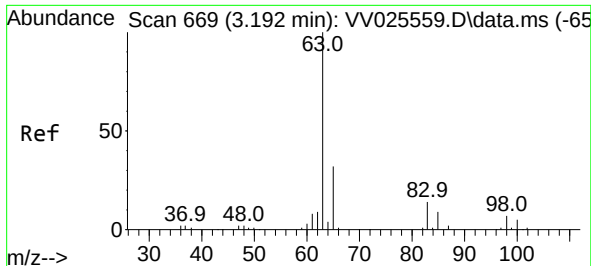
Tgt Ion: 73 Resp: 89804
Ion Ratio Lower Upper
73 100
43 18.2 14.2 21.4
57 21.4 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 5.120 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV025581.D
Acq: 15 Apr 2022 21:10

Tgt Ion: 96 Resp: 48959
Ion Ratio Lower Upper
96 100
61 126.8 92.1 171.1
98 63.1 47.5 88.1





#19

1,1-Dichloroethane

Concen: 5.526 ug/L

RT: 3.198 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV025581.D

Acq: 15 Apr 2022 21:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD005380

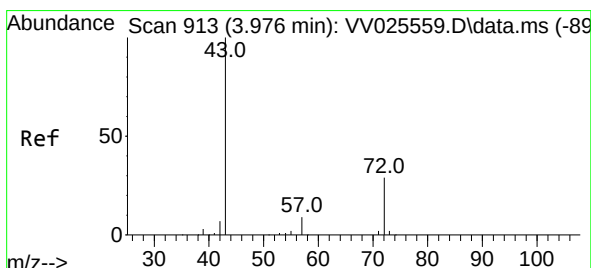
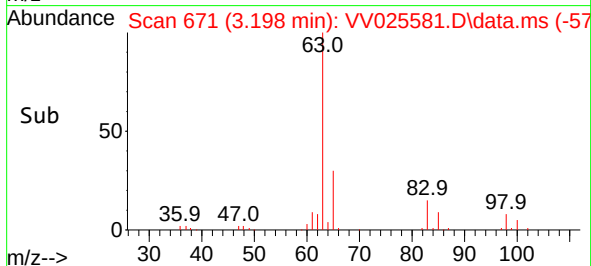
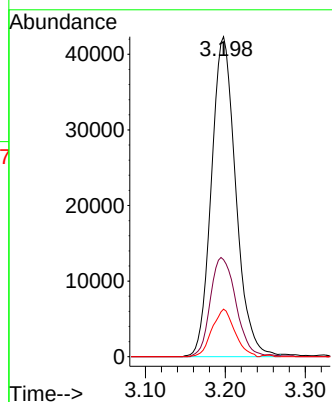
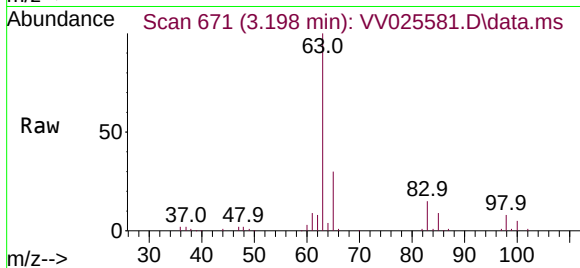
Tgt Ion: 63 Resp: 89513

Ion Ratio Lower Upper

63 100

65 30.3 23.2 43.0

83 14.8 9.0 16.8



#21

2-Butanone

Concen: 54.557 ug/L

RT: 3.982 min Scan# 915

Delta R.T. 0.006 min

Lab File: VV025581.D

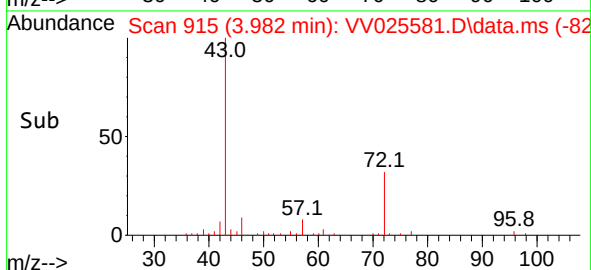
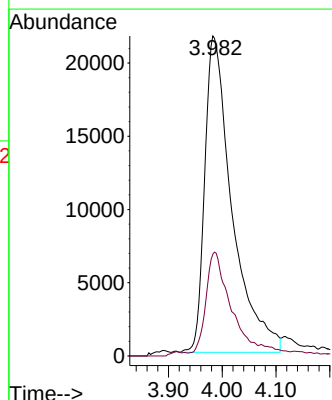
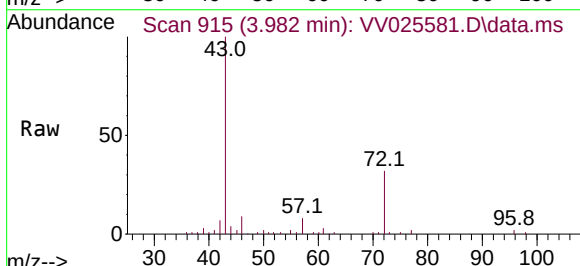
Acq: 15 Apr 2022 21:10

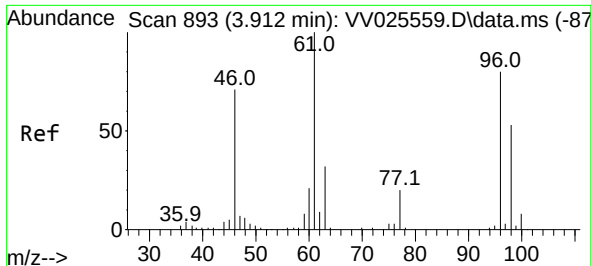
Tgt Ion: 43 Resp: 76139

Ion Ratio Lower Upper

43 100

72 27.8 15.2 45.6





#22

cis-1,2-Dichloroethene

Concen: 5.039 ug/L

RT: 3.918 min Scan# 89

Delta R.T. 0.006 min

Lab File: VV025581.D

Acq: 15 Apr 2022 21:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD005380

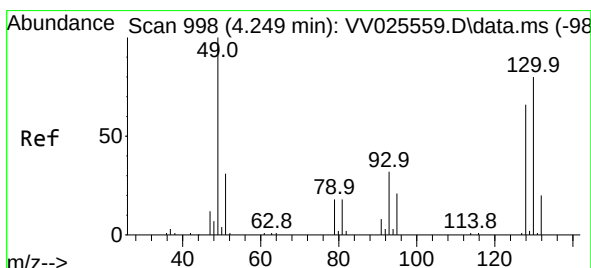
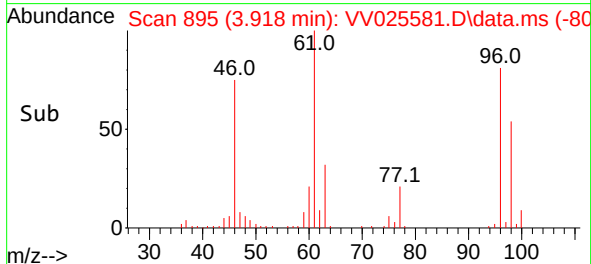
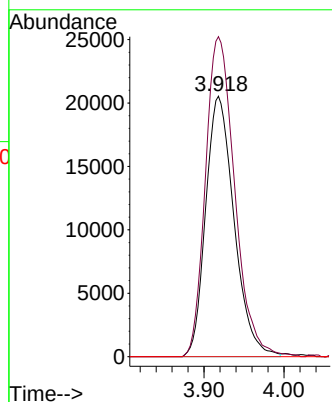
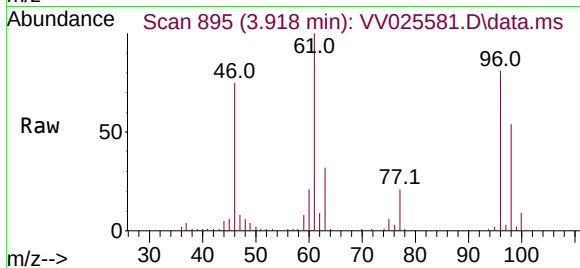
Tgt Ion: 96 Resp: 50736

Ion Ratio Lower Upper

96 100

61 122.8 80.0 148.6

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.020 ug/L

RT: 4.256 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VV025581.D

Acq: 15 Apr 2022 21:10

Tgt Ion: 128 Resp: 20982

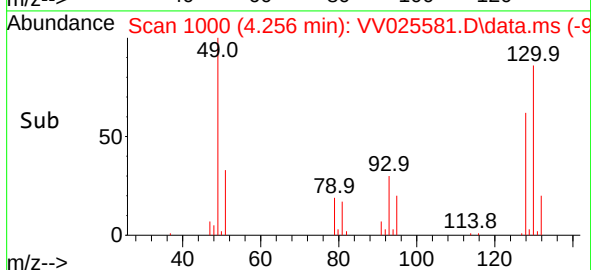
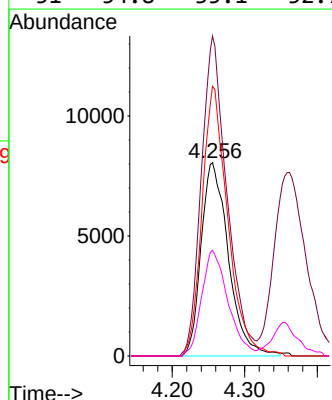
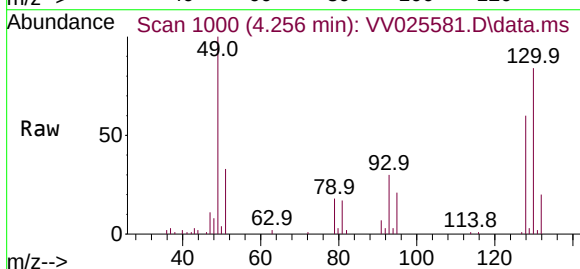
Ion Ratio Lower Upper

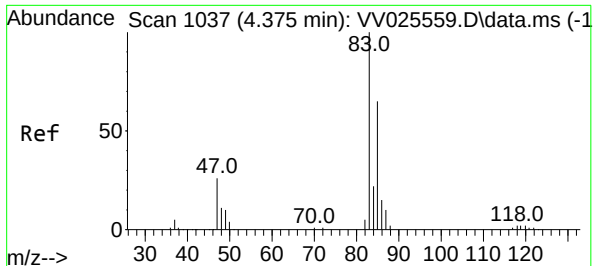
128 100

49 165.6 100.5 186.7

130 139.6 87.8 163.0

51 54.8 35.1 52.7





#25

Chloroform

Concen: 5.566 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VV025581.D

Acq: 15 Apr 2022 21:10

Instrument :

MSVOA_V

ClientSampleId :

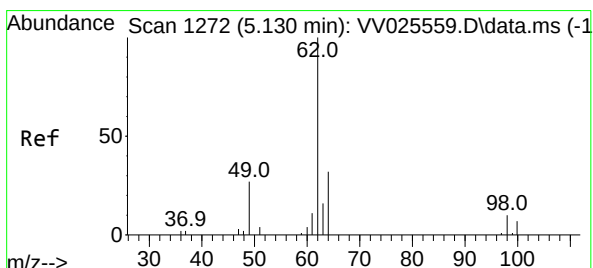
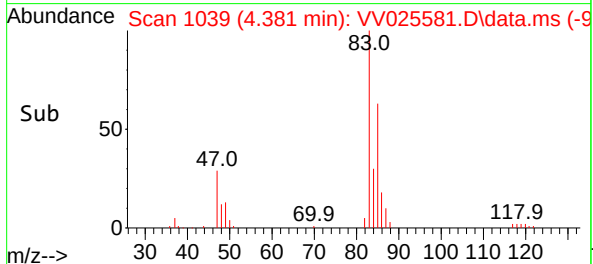
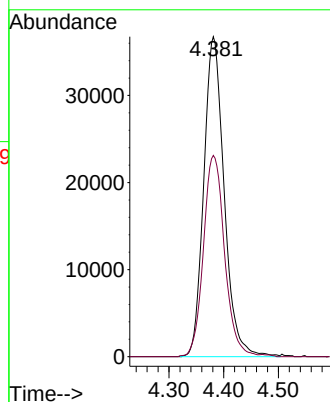
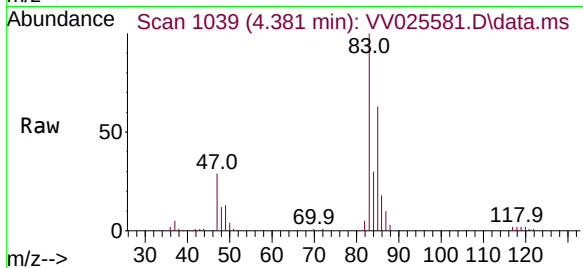
VSTD005380

Tgt Ion: 83 Resp: 95160

Ion Ratio Lower Upper

83 100

85 62.9 43.5 80.7



#27

1,2-Dichloroethane

Concen: 5.617 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VV025581.D

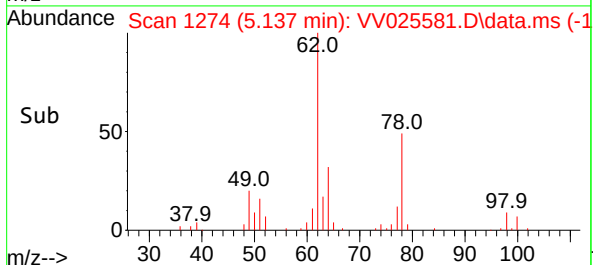
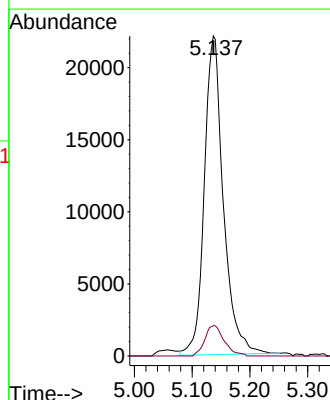
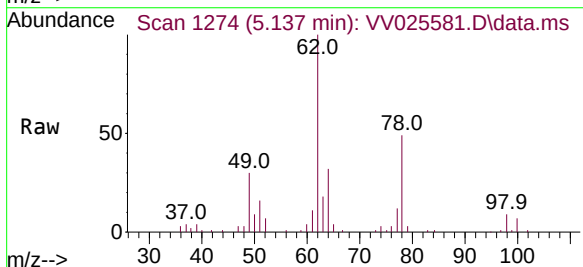
Acq: 15 Apr 2022 21:10

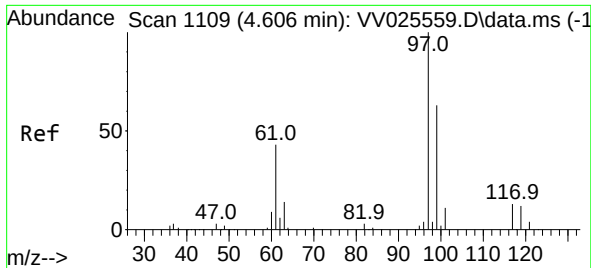
Tgt Ion: 62 Resp: 50674

Ion Ratio Lower Upper

62 100

98 9.4 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 5.528 ug/L

RT: 4.613 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VV025581.D

Acq: 15 Apr 2022 21:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD005380

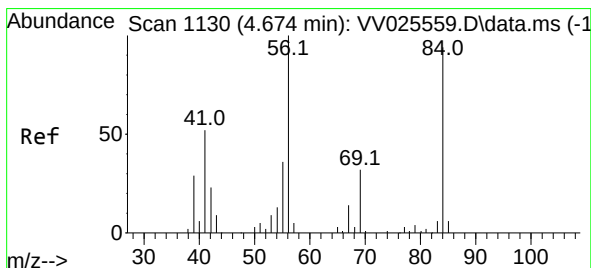
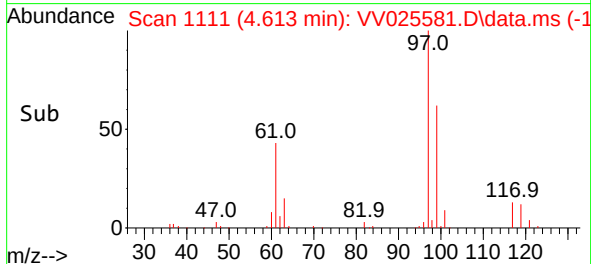
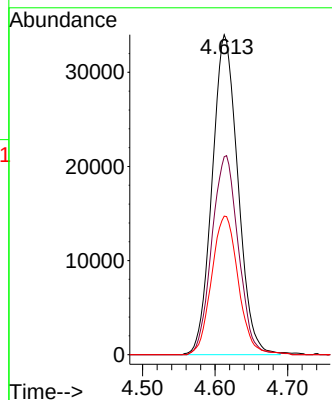
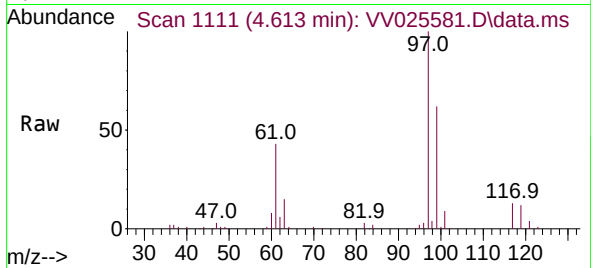
Tgt Ion: 97 Resp: 84024

Ion Ratio Lower Upper

97 100

99 64.1 51.5 77.3

61 45.1 34.3 51.5



#30

Cyclohexane

Concen: 5.043 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. 0.010 min

Lab File: VV025581.D

Acq: 15 Apr 2022 21:10

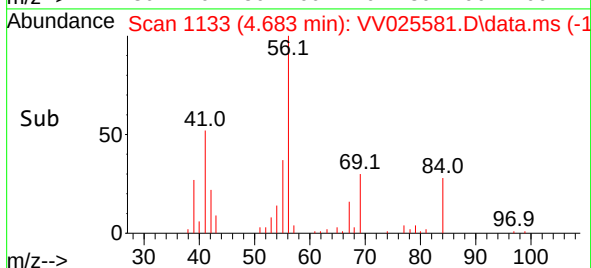
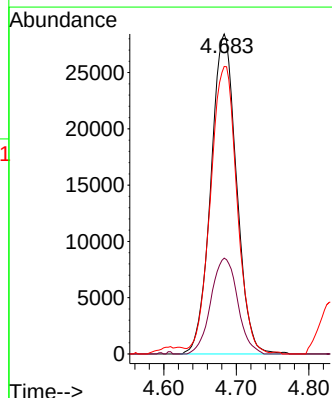
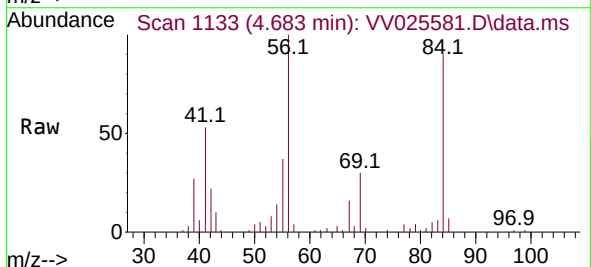
Tgt Ion: 56 Resp: 69696

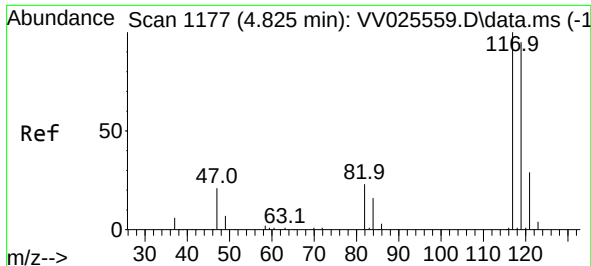
Ion Ratio Lower Upper

56 100

69 31.2 26.1 39.1

84 92.0 78.6 118.0

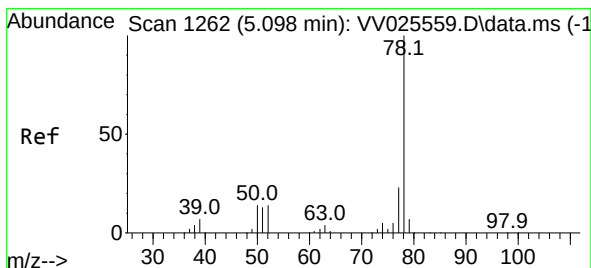
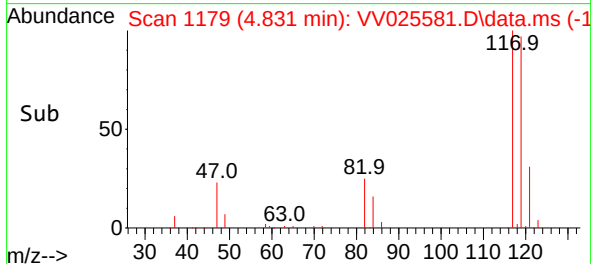
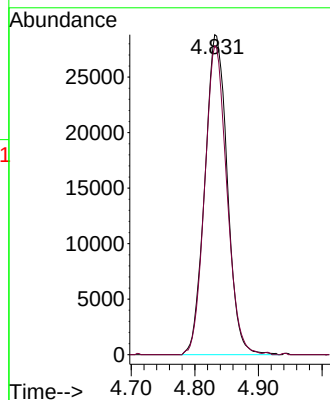
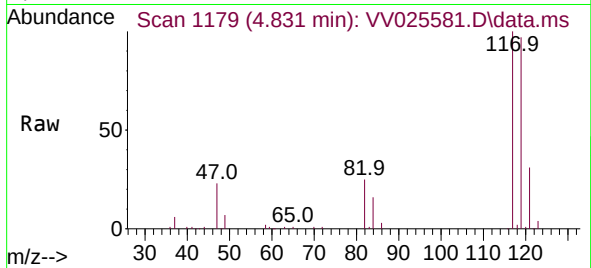




#31
Carbon tetrachloride
Concen: 5.490 ug/L
RT: 4.831 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VV025581.D
Acq: 15 Apr 2022 21:10

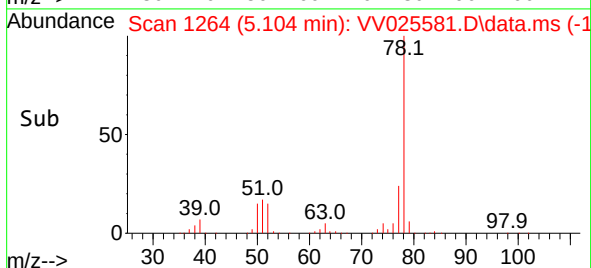
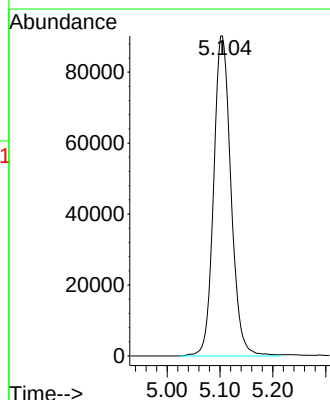
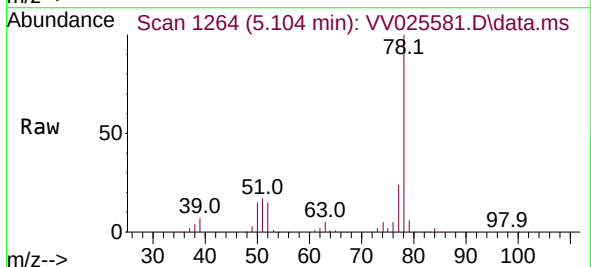
Instrument :
MSVOA_V
ClientSampleId :
VSTD005380

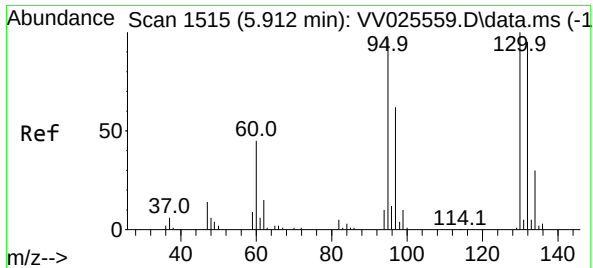
Tgt Ion:117 Resp: 70576
Ion Ratio Lower Upper
117 100
119 95.4 76.6 114.8



#33
Benzene
Concen: 5.408 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV025581.D
Acq: 15 Apr 2022 21:10

Tgt Ion: 78 Resp: 205853

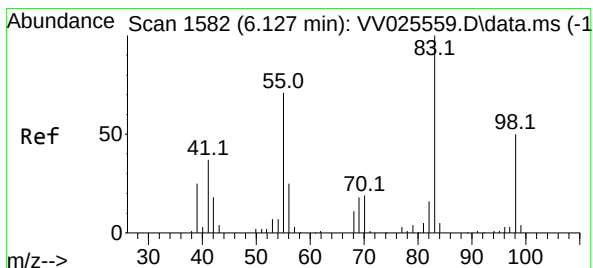
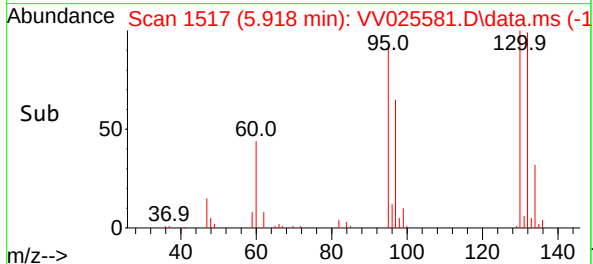
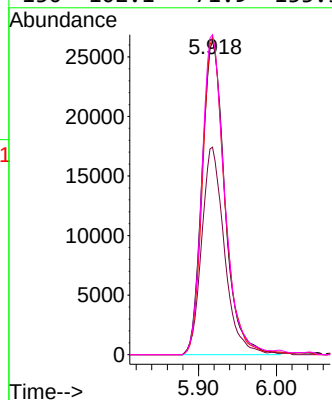
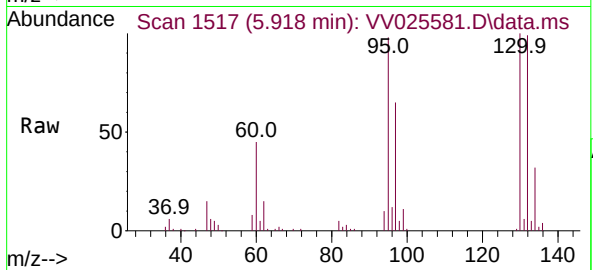




#34
Trichloroethene
Concen: 5.307 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV025581.D
Acq: 15 Apr 2022 21:10

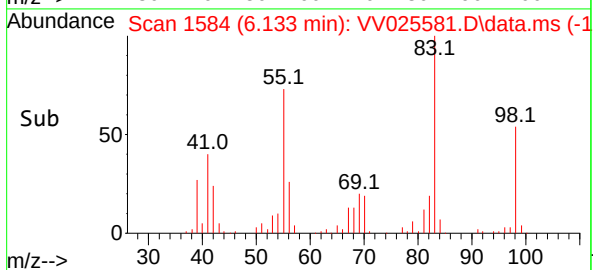
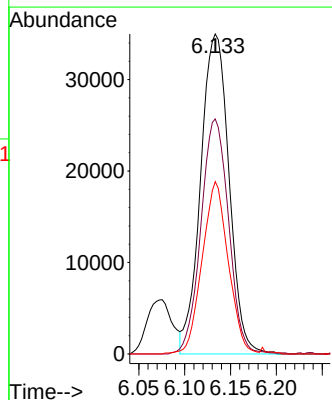
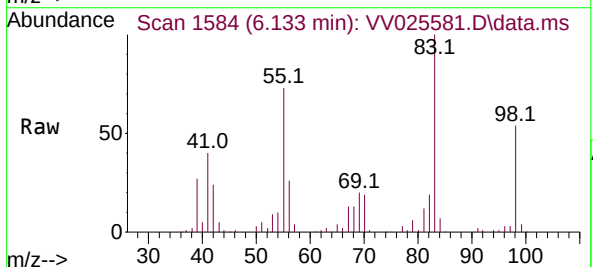
Instrument :
MSVOA_V
ClientSampleId :
VSTD005380

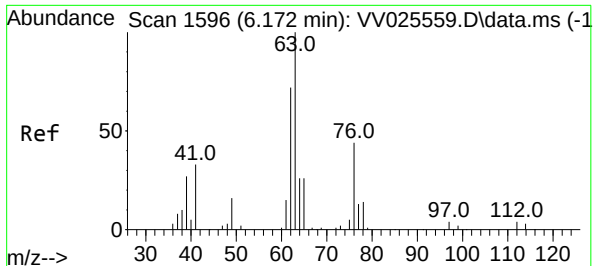
Tgt Ion: 95 Resp: 53645
Ion Ratio Lower Upper
95 100
97 66.2 45.8 85.2
132 101.5 68.0 126.4
130 102.1 71.9 133.5



#35
Methylcyclohexane
Concen: 4.682 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.006 min
Lab File: VV025581.D
Acq: 15 Apr 2022 21:10

Tgt Ion: 83 Resp: 75506
Ion Ratio Lower Upper
83 100
55 71.5 53.7 80.5
98 49.5 39.6 59.4





#37

1,2-Dichloropropane

Concen: 5.350 ug/L

RT: 6.175 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV025581.D

Acq: 15 Apr 2022 21:10

Instrument :

MSVOA_V

ClientSampleId :

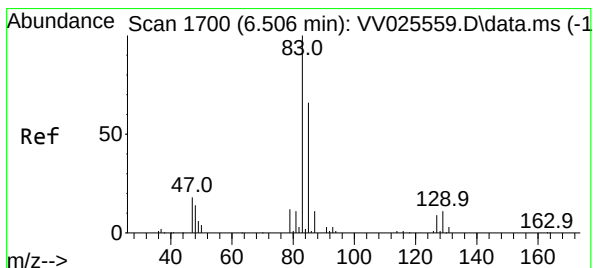
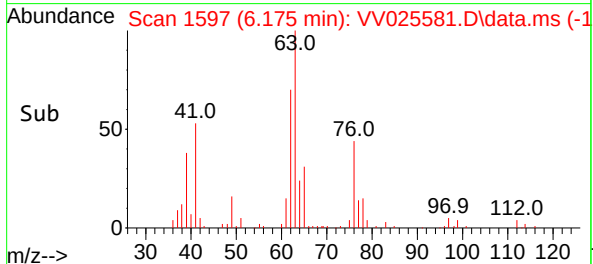
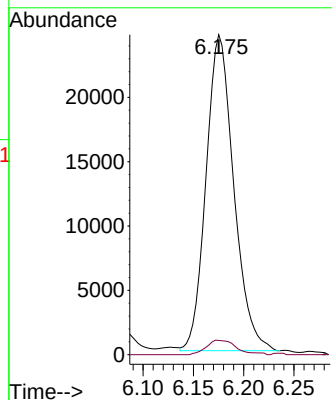
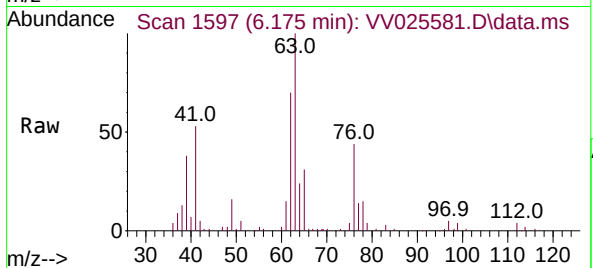
VSTD005380

Tgt Ion: 63 Resp: 47118

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 5.573 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VV025581.D

Acq: 15 Apr 2022 21:10

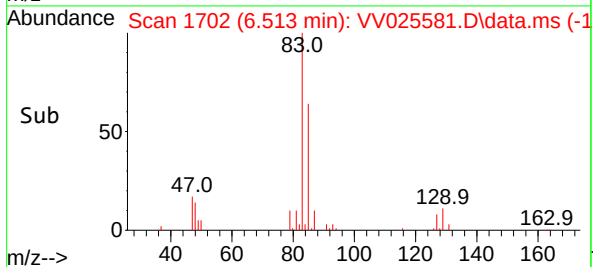
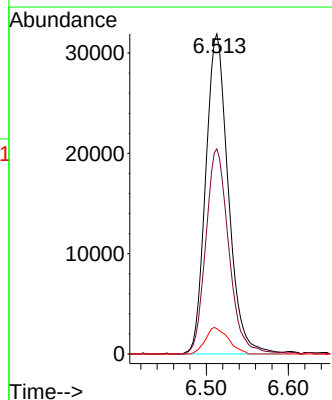
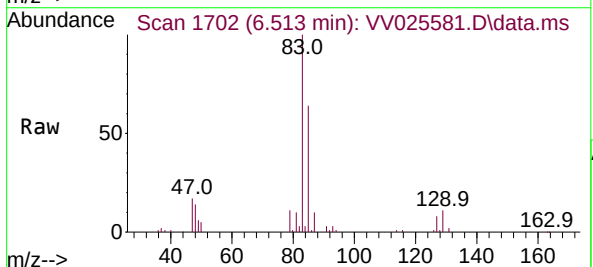
Tgt Ion: 83 Resp: 60931

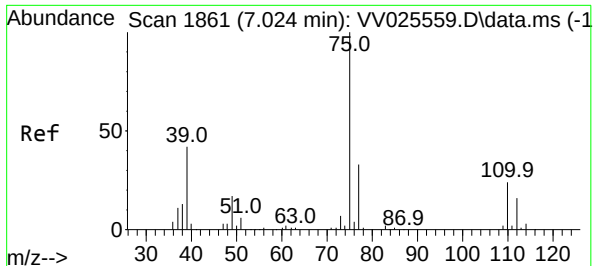
Ion Ratio Lower Upper

83 100

85 64.1 44.4 82.4

127 7.9 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.232 ug/L

RT: 7.030 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV025581.D

Acq: 15 Apr 2022 21:10

Instrument :

MSVOA_V

ClientSampleId :

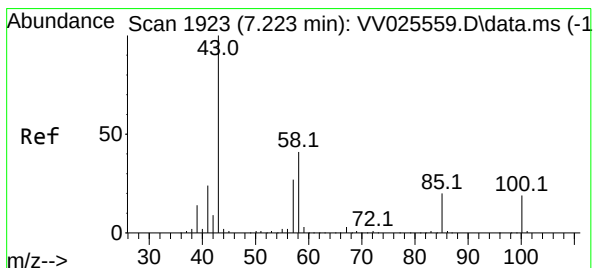
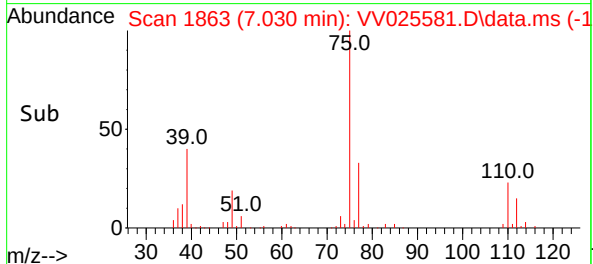
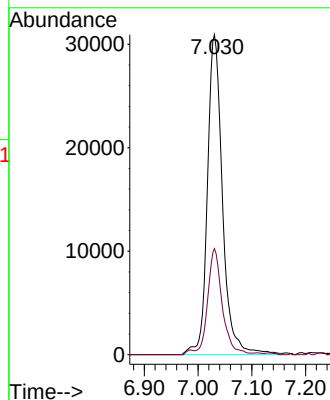
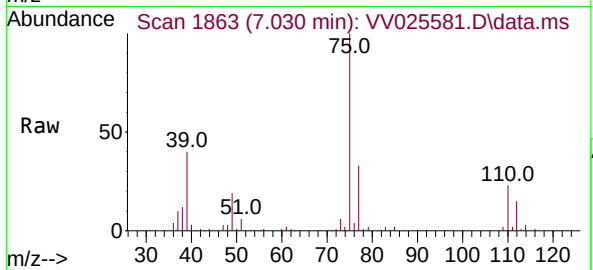
VSTD005380

Tgt Ion: 75 Resp: 60384

Ion Ratio Lower Upper

75 100

77 33.1 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 58.734 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV025581.D

Acq: 15 Apr 2022 21:10

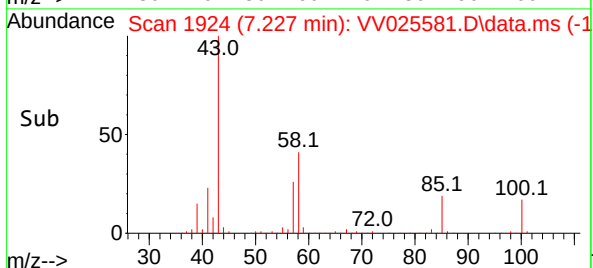
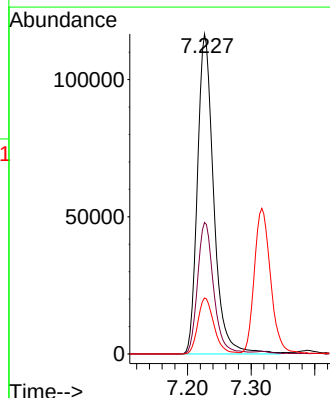
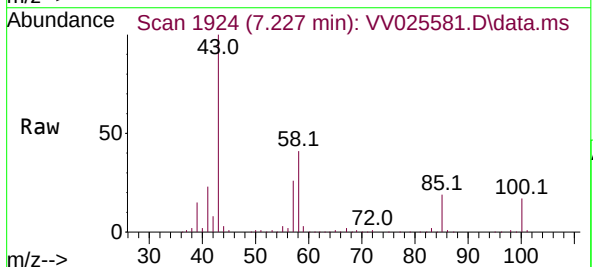
Tgt Ion: 43 Resp: 207112

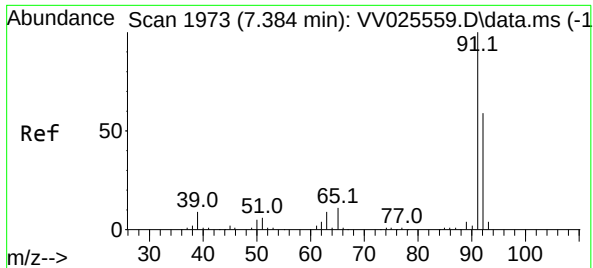
Ion Ratio Lower Upper

43 100

58 40.8 35.1 52.7

100 17.4 15.3 22.9





#42

Toluene

Concen: 5.292 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025581.D

Acq: 15 Apr 2022 21:10

Instrument :

MSVOA_V

ClientSampleId :

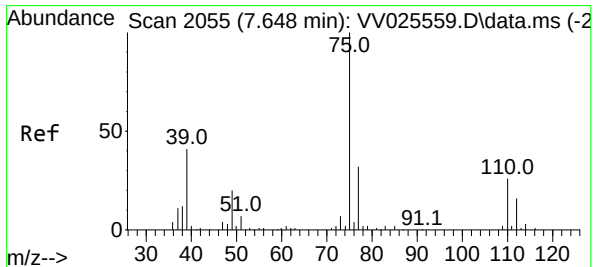
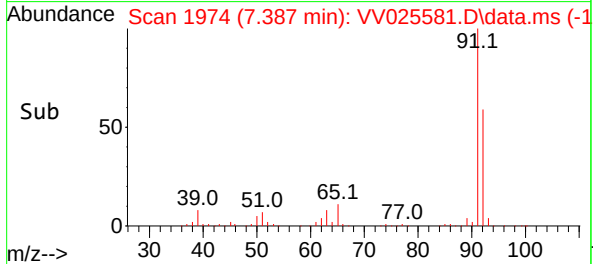
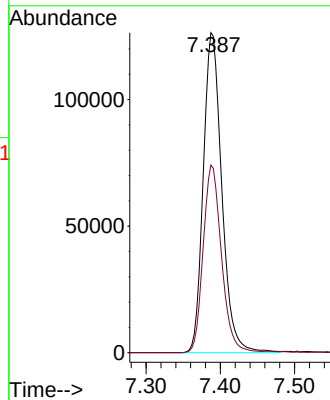
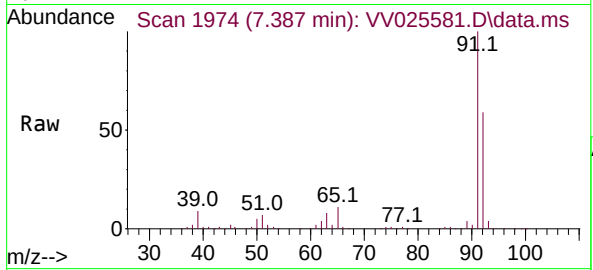
VSTD005380

Tgt Ion: 91 Resp: 219154

Ion Ratio Lower Upper

91 100

92 58.6 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.376 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VV025581.D

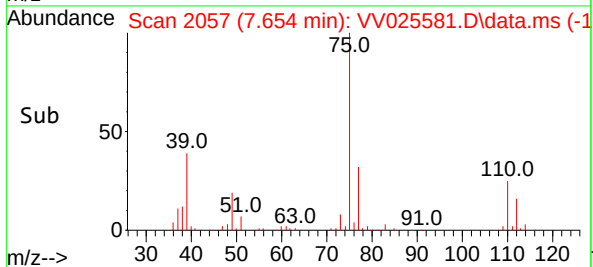
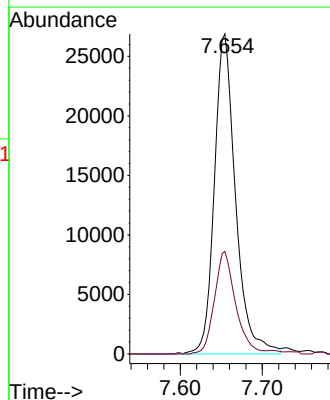
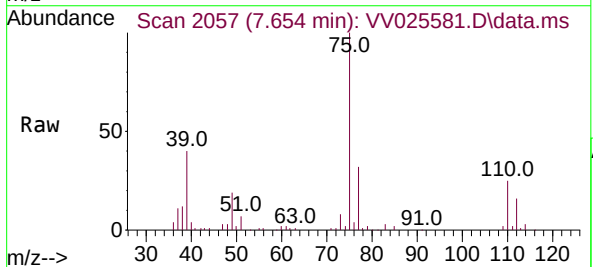
Acq: 15 Apr 2022 21:10

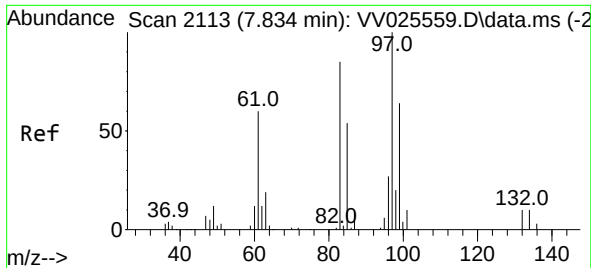
Tgt Ion: 75 Resp: 48207

Ion Ratio Lower Upper

75 100

77 32.1 21.7 40.3

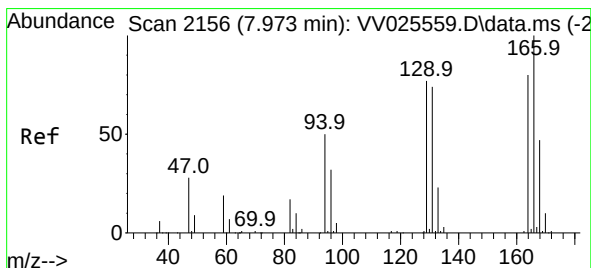
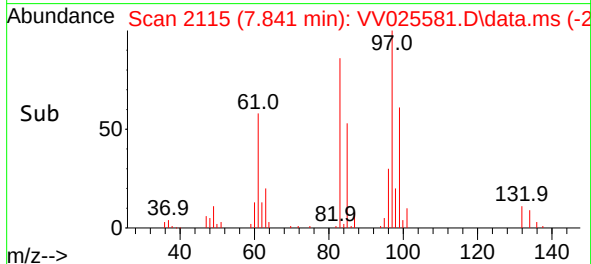
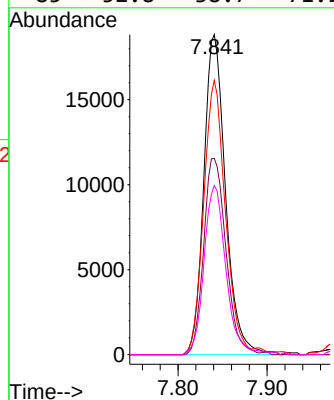
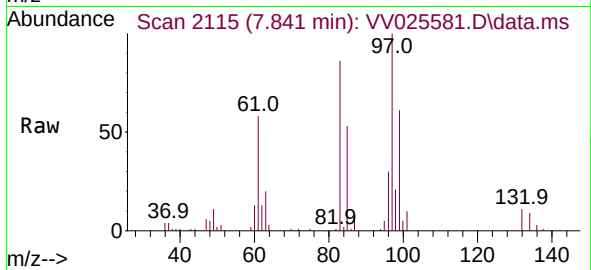




#45
1,1,2-Trichloroethane
Concen: 5.411 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.006 min
Lab File: VV025581.D
Acq: 15 Apr 2022 21:10

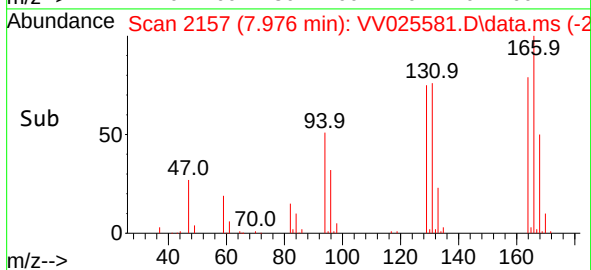
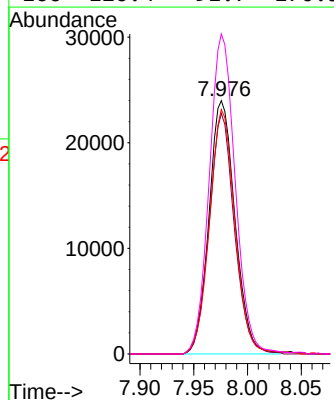
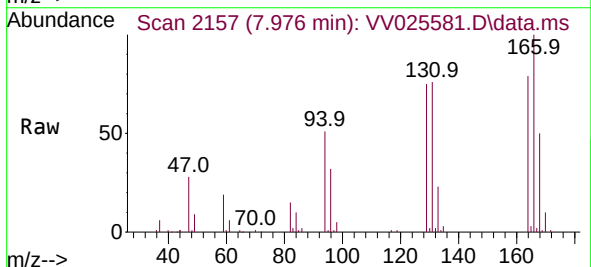
Instrument :
MSVOA_V
ClientSampleId :
VSTD005380

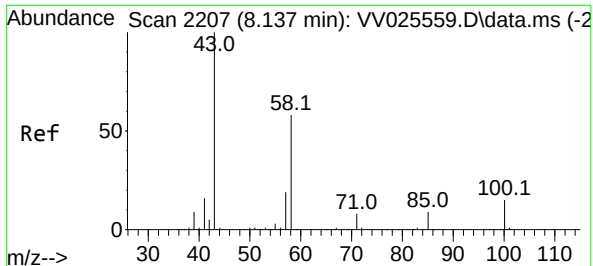
Tgt Ion: 97	Resp: 31914
Ion Ratio	Lower Upper
97 100	
99 61.4	43.8 81.4
83 85.7	60.3 112.1
85 52.8	38.7 71.9



#47
Tetrachloroethene
Concen: 5.086 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025581.D
Acq: 15 Apr 2022 21:10

Tgt	Ion:164	Resp:	40249
Ion	Ratio	Lower	Upper
164	100		
129	94.9	66.8	124.2
131	96.6	66.4	123.4
166	126.4	91.7	170.3

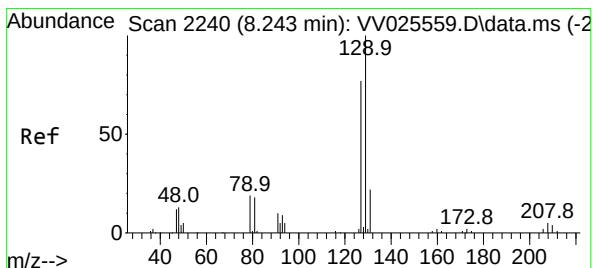
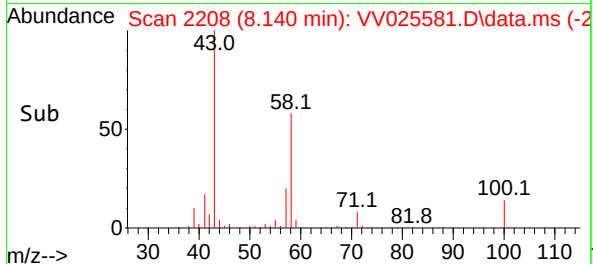
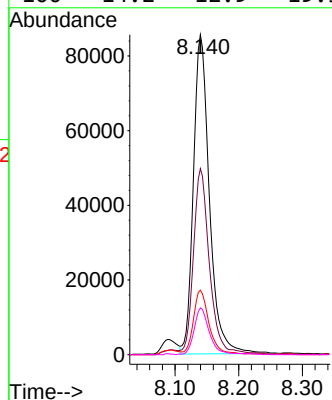
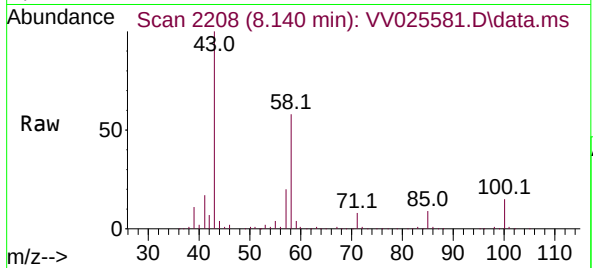




#48
2-Hexanone
Concen: 60.848 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV025581.D
Acq: 15 Apr 2022 21:10

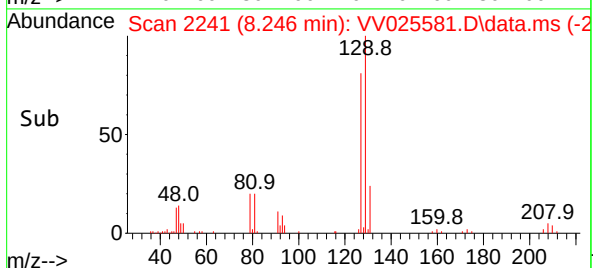
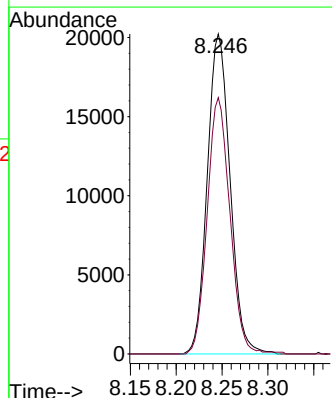
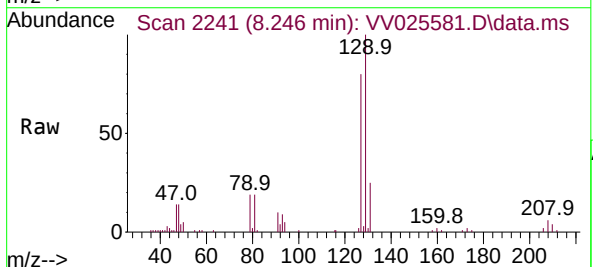
Instrument :
MSVOA_V
ClientSampleId :
VSTD005380

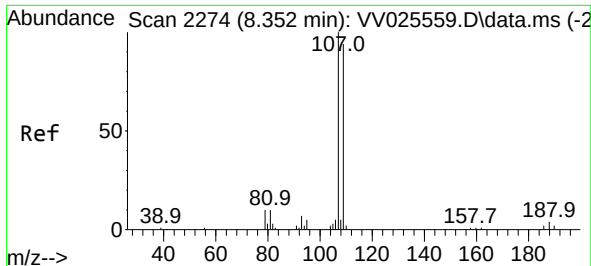
Tgt Ion: 43 Resp: 149532
Ion Ratio Lower Upper
43 100
58 57.9 49.7 74.5
57 19.2 16.4 24.6
100 14.2 12.9 19.3



#49
Dibromochloromethane
Concen: 5.399 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025581.D
Acq: 15 Apr 2022 21:10

Tgt Ion: 129 Resp: 34952
Ion Ratio Lower Upper
129 100
127 80.1 53.8 100.0





#50

1,2-Dibromoethane

Concen: 5.222 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025581.D

Acq: 15 Apr 2022 21:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD005380

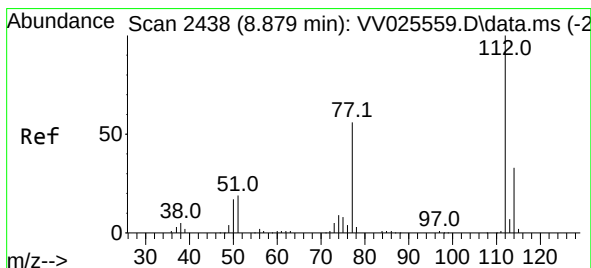
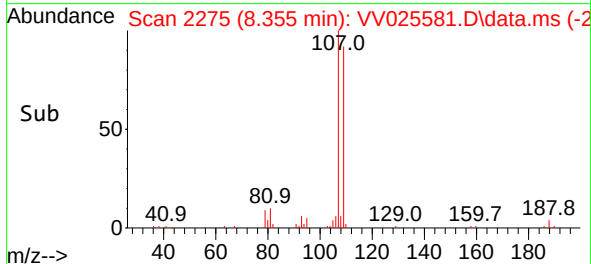
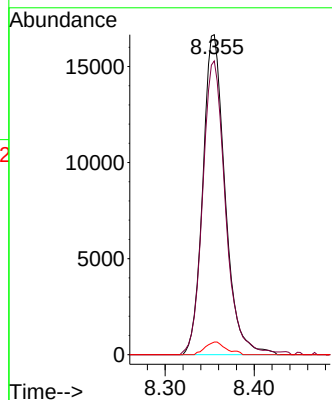
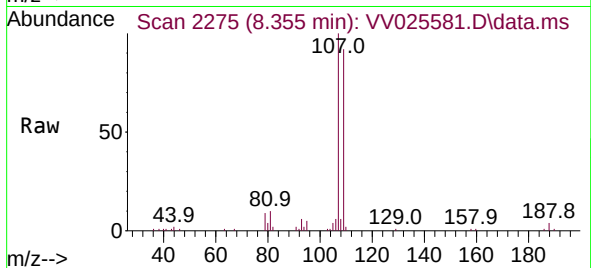
Tgt Ion:107 Resp: 28929

Ion Ratio Lower Upper

107 100

109 91.8 65.9 122.3

188 4.0 2.7 4.1



#51

Chlorobenzene

Concen: 5.185 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV025581.D

Acq: 15 Apr 2022 21:10

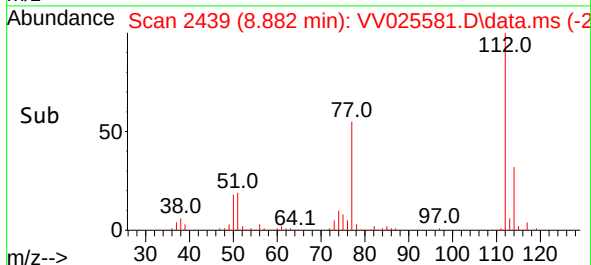
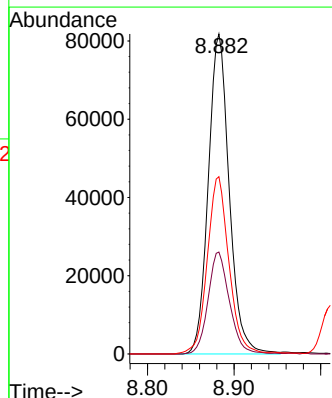
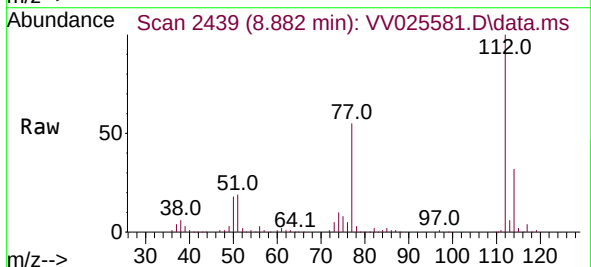
Tgt Ion:112 Resp: 137108

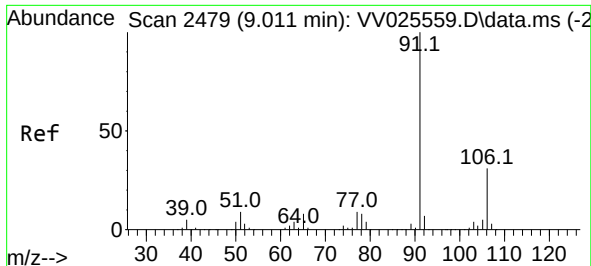
Ion Ratio Lower Upper

112 100

114 31.8 22.4 41.6

77 55.4 43.7 65.5





#52

Ethylbenzene

Concen: 5.122 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.000 min

Lab File: VV025581.D

Acq: 15 Apr 2022 21:10

Instrument :

MSVOA_V

ClientSampleId :

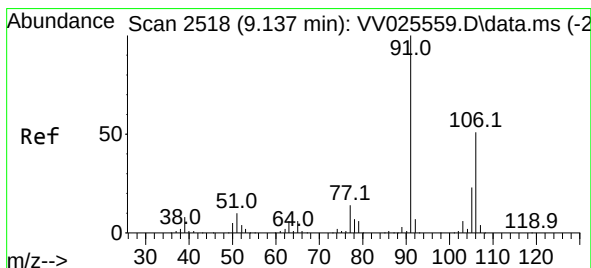
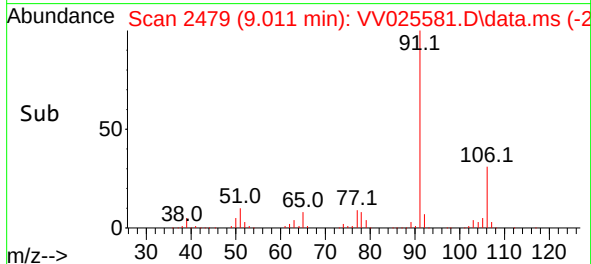
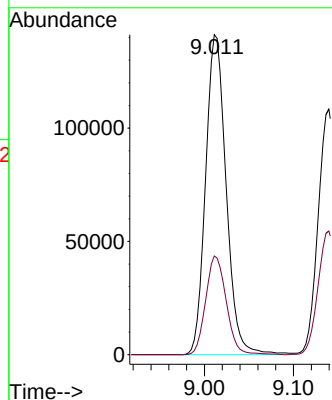
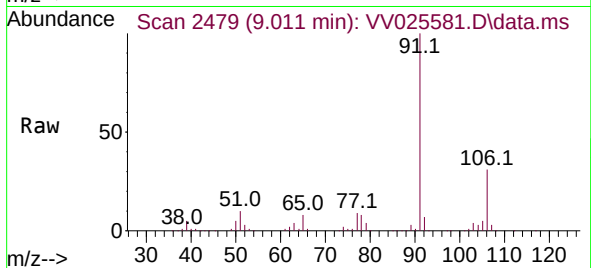
VSTD005380

Tgt Ion: 91 Resp: 226200

Ion Ratio Lower Upper

91 100

106 30.8 22.3 41.3



#53

m,p-Xylene

Concen: 5.358 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV025581.D

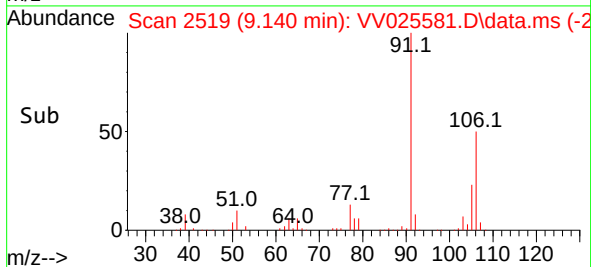
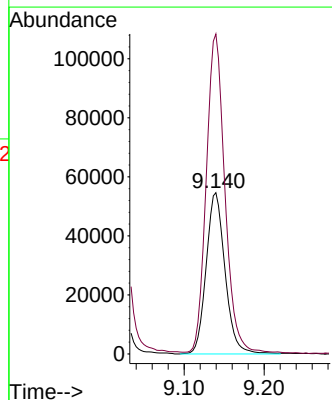
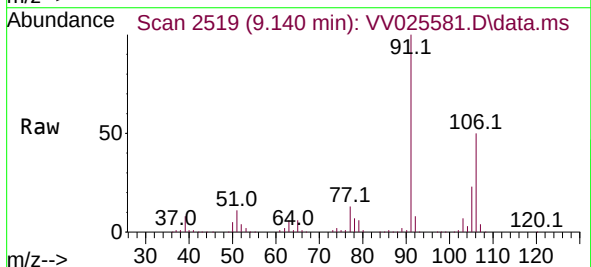
Acq: 15 Apr 2022 21:10

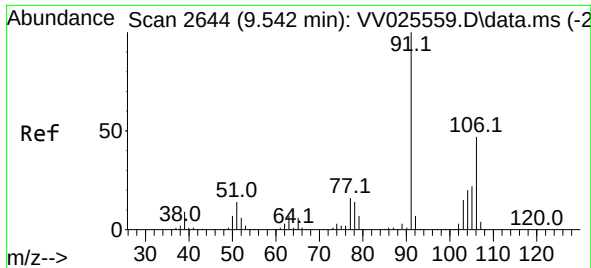
Tgt Ion: 106 Resp: 89980

Ion Ratio Lower Upper

106 100

91 198.4 136.4 253.4

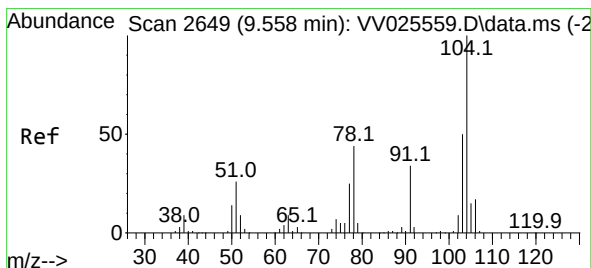
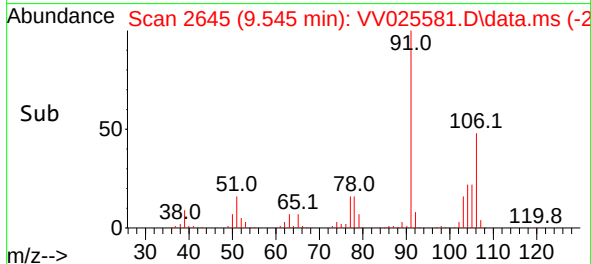
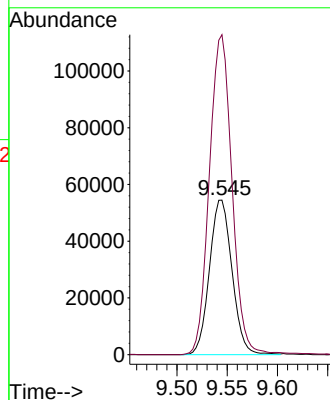
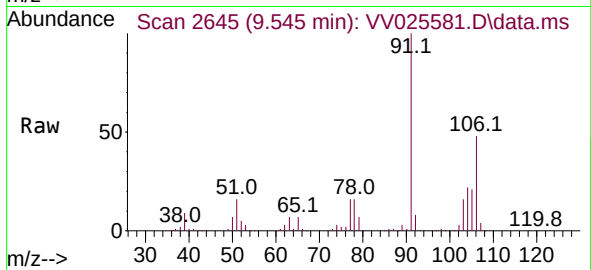




#54
o-Xylene
Concen: 5.227 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV025581.D
Acq: 15 Apr 2022 21:10

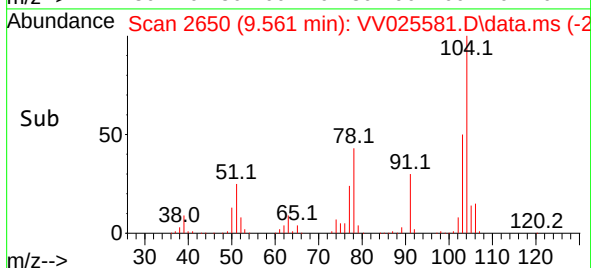
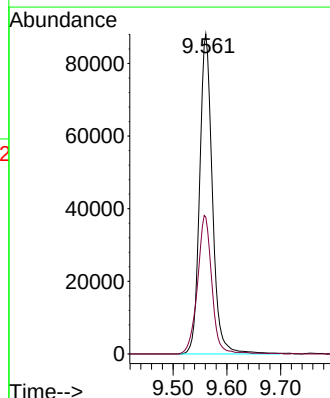
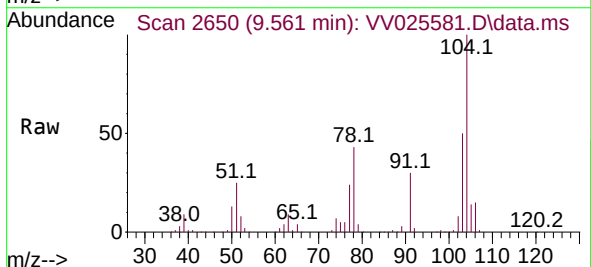
Instrument :
MSVOA_V
ClientSampleId :
VSTD005380

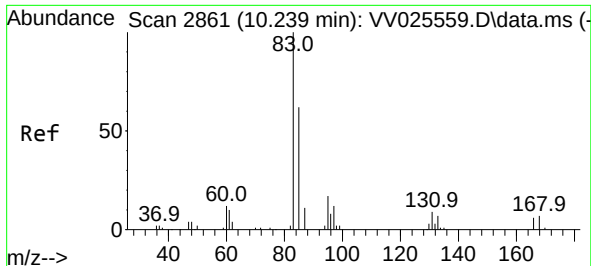
Tgt Ion:106 Resp: 85249
Ion Ratio Lower Upper
106 100
91 207.0 150.4 279.2



#55
Styrene
Concen: 5.472 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025581.D
Acq: 15 Apr 2022 21:10

Tgt Ion:104 Resp: 145110
Ion Ratio Lower Upper
104 100
78 42.8 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.979 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV025581.D

Acq: 15 Apr 2022 21:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD005380

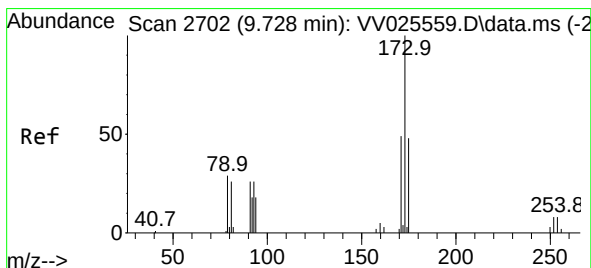
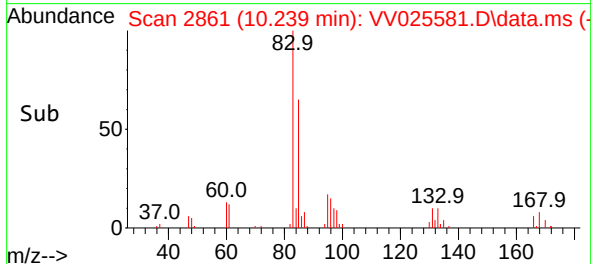
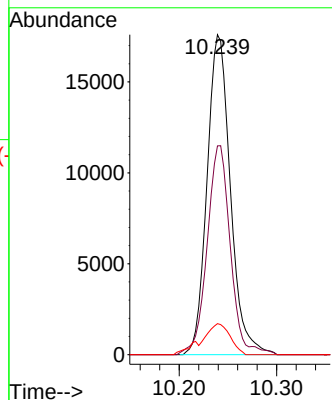
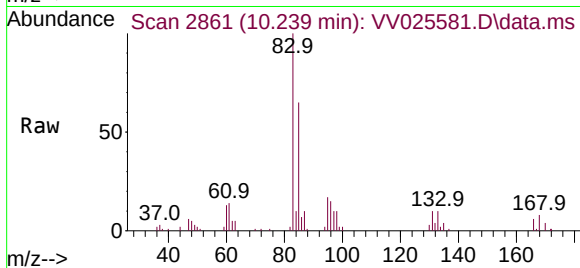
Tgt Ion: 83 Resp: 29341

Ion Ratio Lower Upper

83 100

85 65.3 45.1 83.9

131 9.7 7.9 11.9



#59

Bromoform

Concen: 5.022 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV025581.D

Acq: 15 Apr 2022 21:10

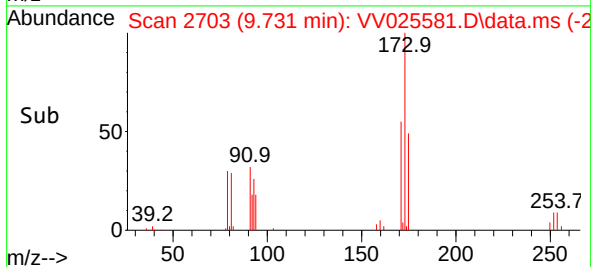
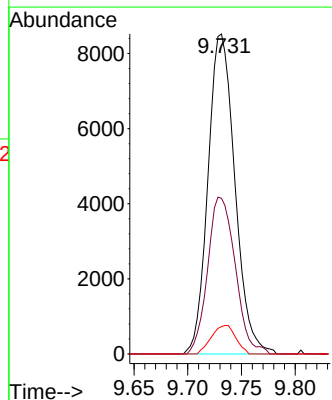
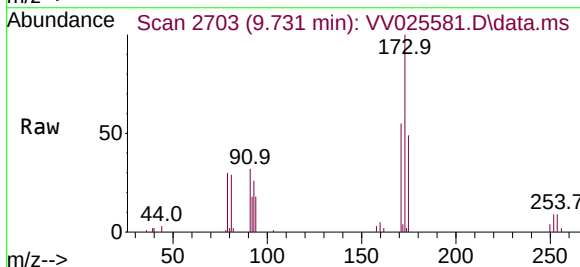
Tgt Ion: 173 Resp: 14828

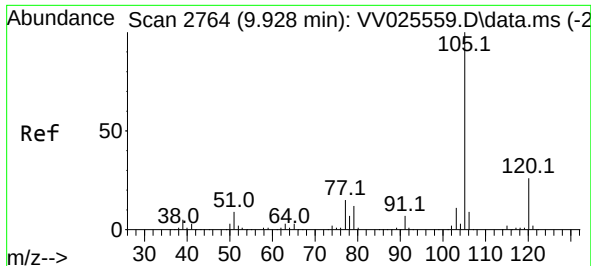
Ion Ratio Lower Upper

173 100

175 50.3 40.8 61.2

254 8.0 7.0 10.6

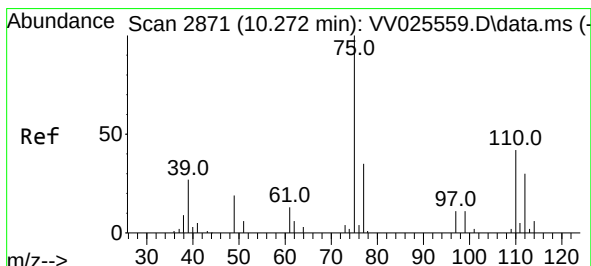
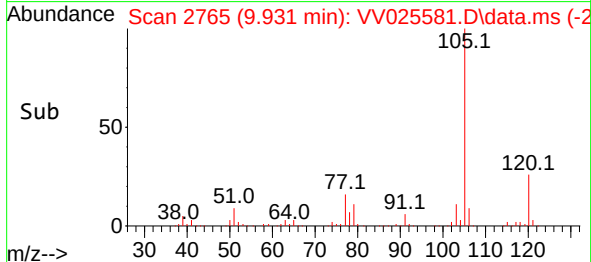
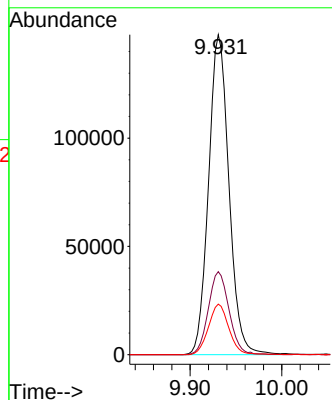
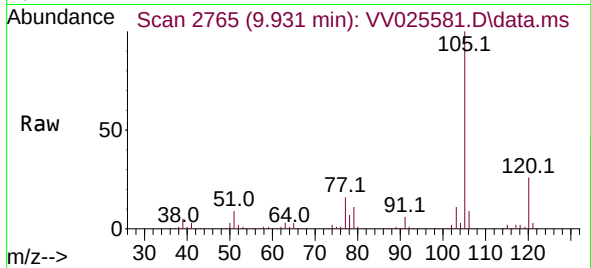




#60
Isopropylbenzene
Concen: 5.157 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025581.D
Acq: 15 Apr 2022 21:10

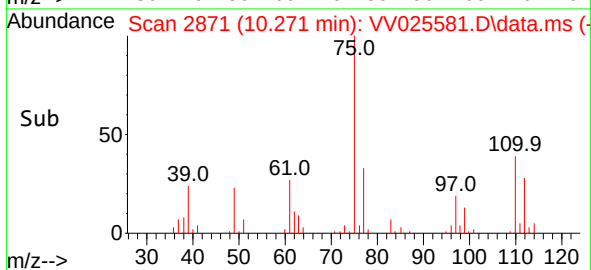
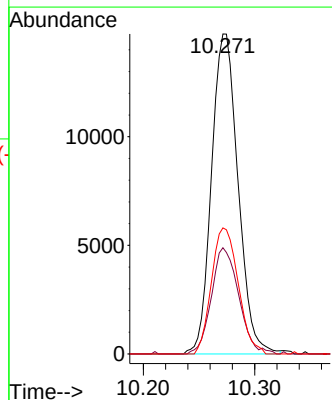
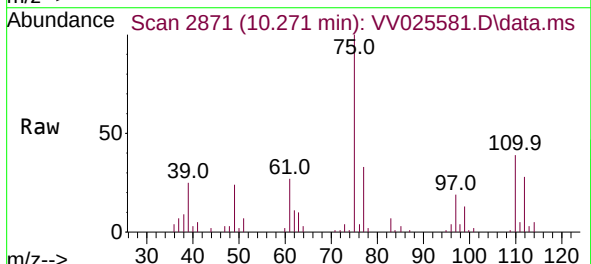
Instrument :
MSVOA_V
ClientSampleId :
VSTD005380

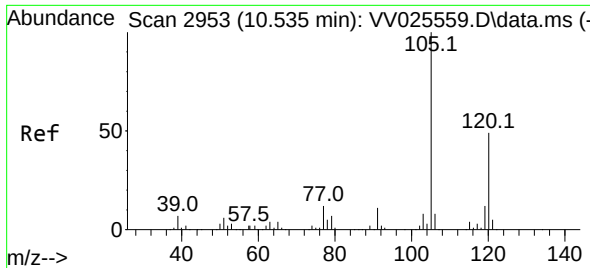
Tgt Ion:105 Resp: 228338
Ion Ratio Lower Upper
105 100
120 26.4 21.2 31.8
77 15.9 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.176 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025581.D
Acq: 15 Apr 2022 21:10

Tgt Ion: 75 Resp: 24384
Ion Ratio Lower Upper
75 100
77 34.2 25.6 38.4
110 39.7 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 4.822 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV025581.D

Acq: 15 Apr 2022 21:10

Instrument :

MSVOA_V

ClientSampleId :

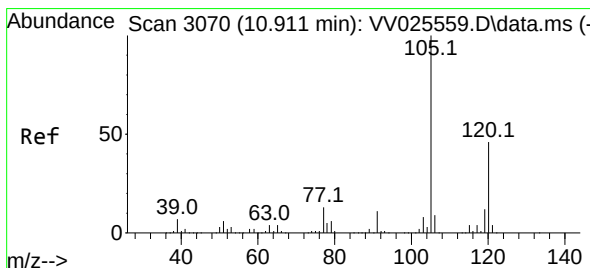
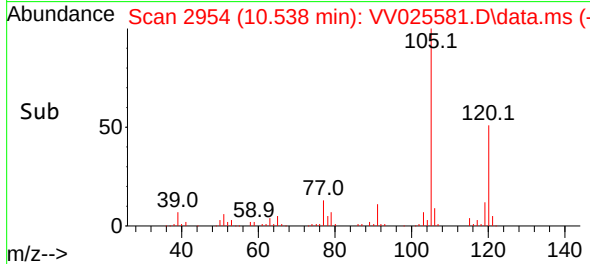
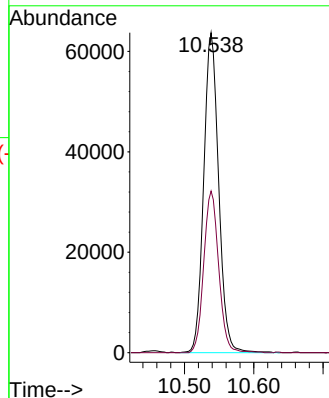
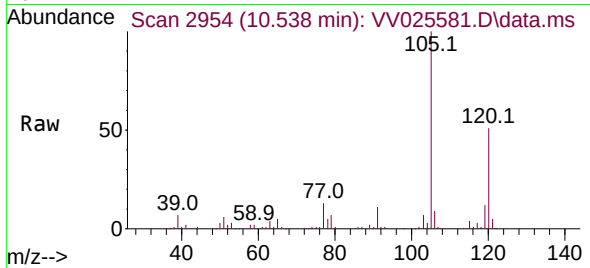
VSTD005380

Tgt Ion:105 Resp: 95195

Ion Ratio Lower Upper

105 100

120 50.6 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.913 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV025581.D

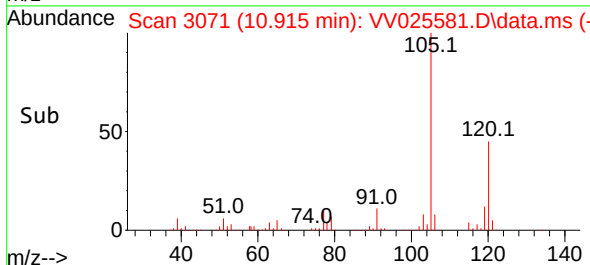
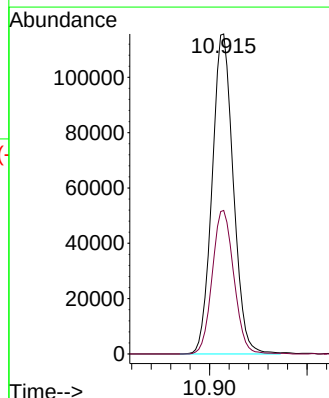
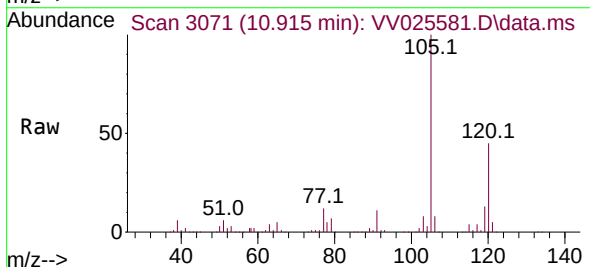
Acq: 15 Apr 2022 21:10

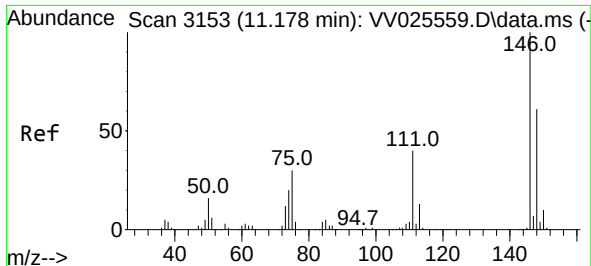
Tgt Ion:105 Resp: 174780

Ion Ratio Lower Upper

105 100

120 45.7 36.6 55.0

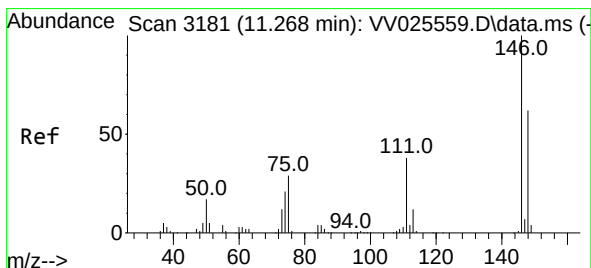
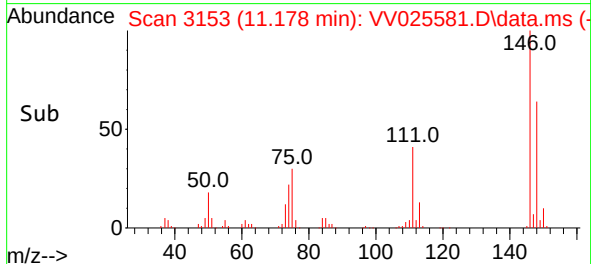
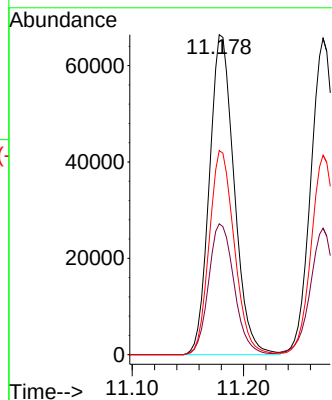
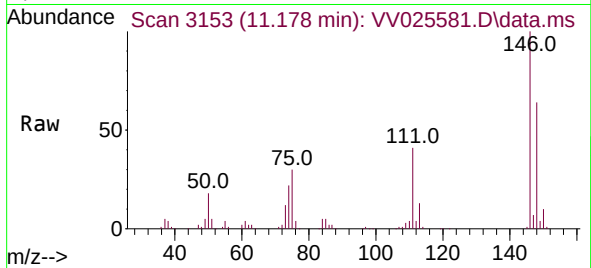




#64
1,3-Dichlorobenzene
Concen: 4.983 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025581.D
Acq: 15 Apr 2022 21:10

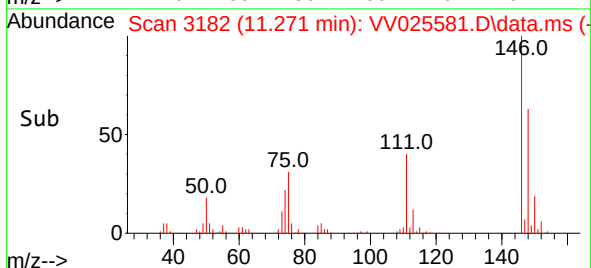
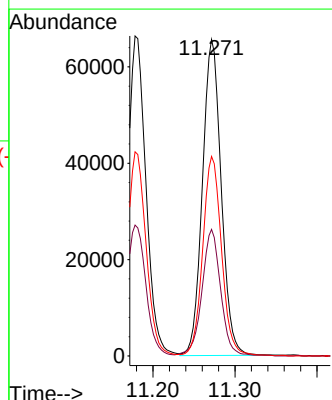
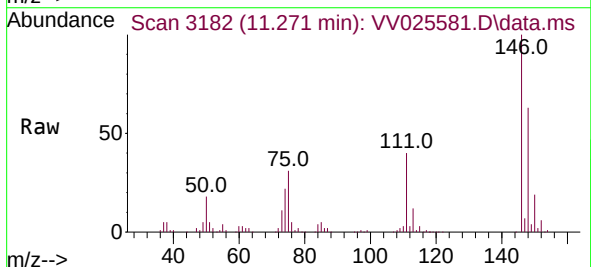
Instrument :
MSVOA_V
ClientSampleId :
VSTD005380

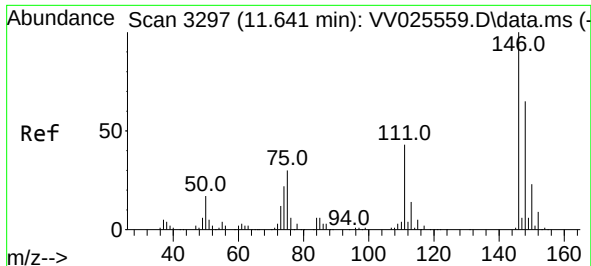
Tgt Ion:146 Resp: 102991
Ion Ratio Lower Upper
146 100
111 40.9 27.4 50.8
148 63.8 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 4.968 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025581.D
Acq: 15 Apr 2022 21:10

Tgt Ion:146 Resp: 104217
Ion Ratio Lower Upper
146 100
111 40.0 26.7 49.7
148 63.0 42.8 79.6

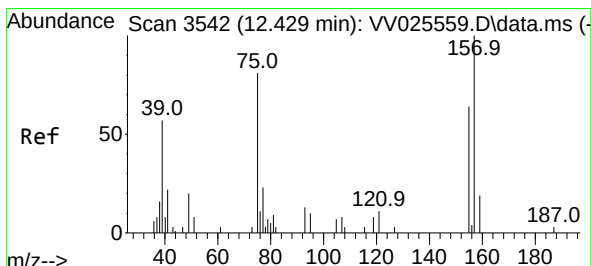
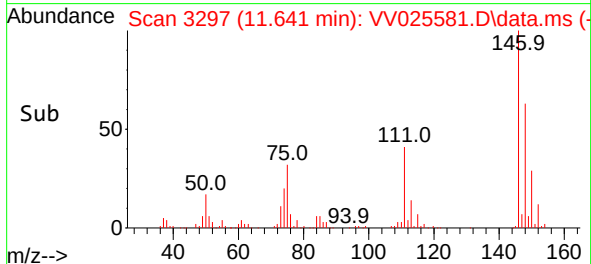
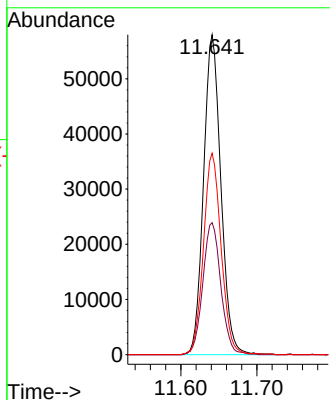
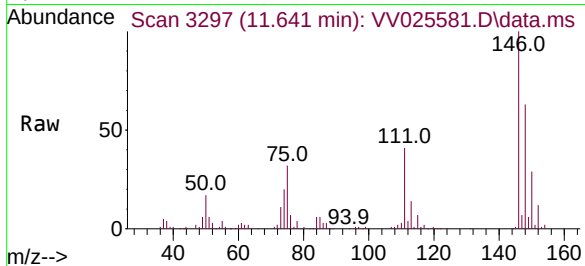




#67
1,2-Dichlorobenzene
Concen: 5.022 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV025581.D
Acq: 15 Apr 2022 21:10

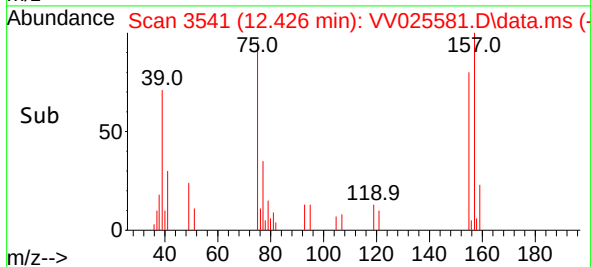
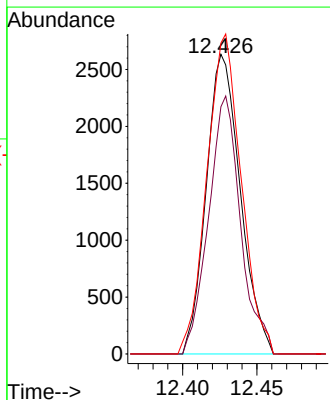
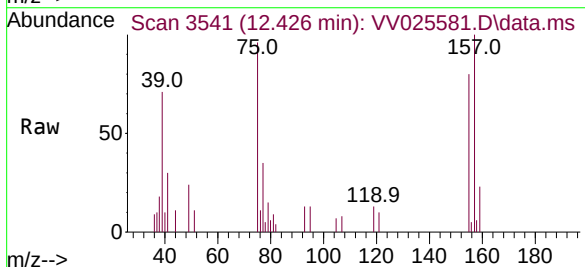
Instrument :
MSVOA_V
ClientSampleId :
VSTD005380

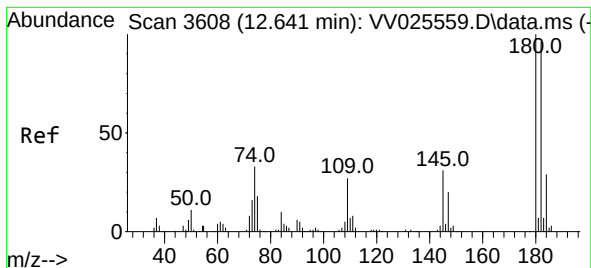
Tgt Ion:146 Resp: 91909
Ion Ratio Lower Upper
146 100
111 41.2 33.6 50.4
148 63.0 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 5.168 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV025581.D
Acq: 15 Apr 2022 21:10

Tgt Ion: 75 Resp: 4209
Ion Ratio Lower Upper
75 100
155 82.5 65.8 98.8
157 103.7 86.6 130.0





#69

1,3,5-Trichlorobenzene

Concen: 4.605 ug/L

RT: 12.644 min Scan# 3608

Delta R.T. 0.003 min

Lab File: VV025581.D

Acq: 15 Apr 2022 21:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD005380

Tgt Ion:180 Resp: 72417

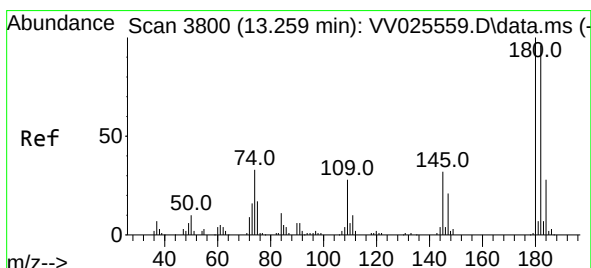
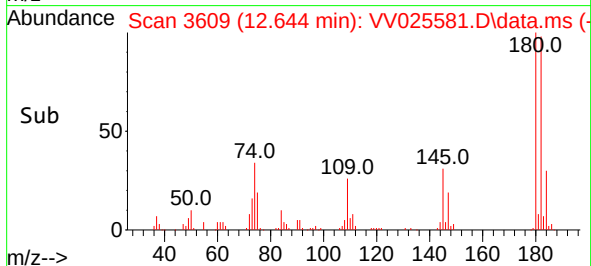
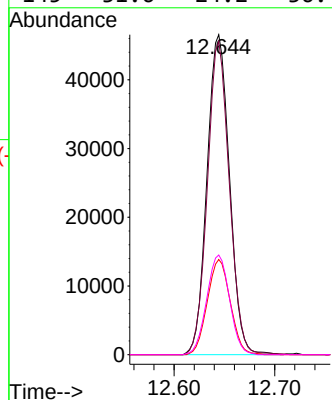
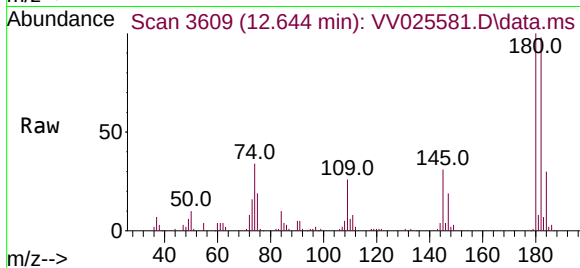
Ion Ratio Lower Upper

180 100

182 95.5 75.3 112.9

184 30.3 23.4 35.2

145 31.6 24.2 36.4



#70

1,2,4-trichlorobenzene

Concen: 4.609 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV025581.D

Acq: 15 Apr 2022 21:10

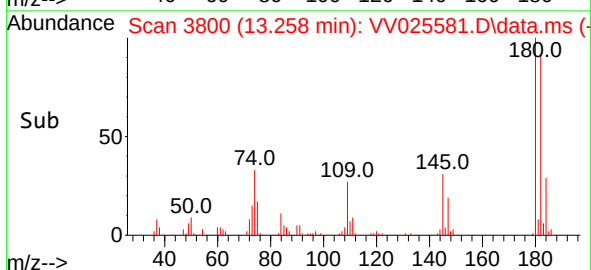
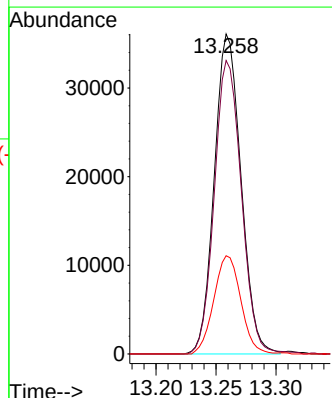
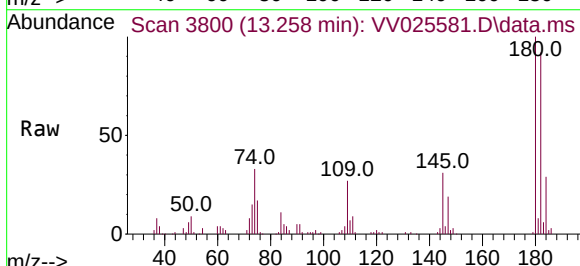
Tgt Ion:180 Resp: 55873

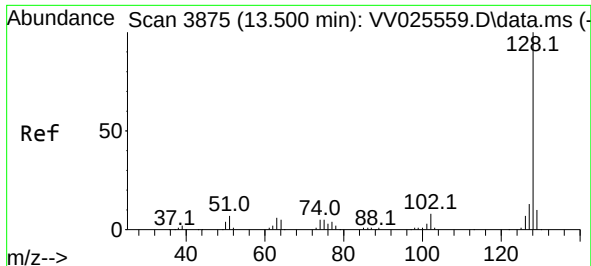
Ion Ratio Lower Upper

180 100

182 92.9 76.6 114.8

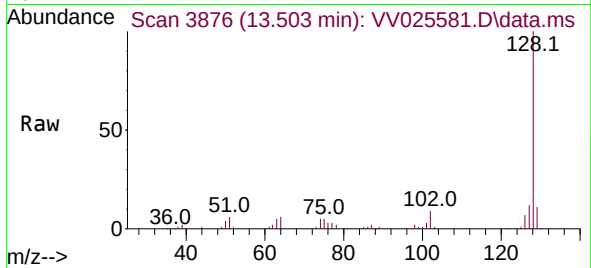
145 31.0 24.6 36.8



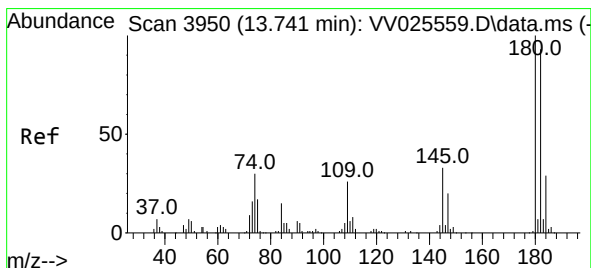
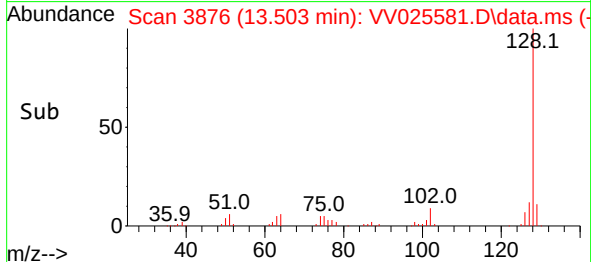
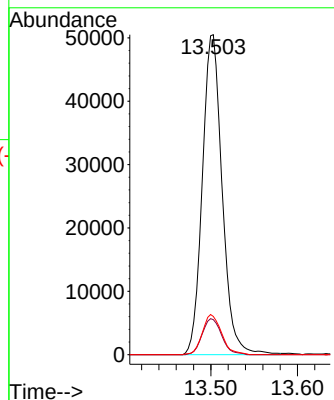


#71
Naphthalene
Concen: 4.521 ug/L
RT: 13.503 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV025581.D
Acq: 15 Apr 2022 21:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD005380



Tgt Ion:128 Resp: 80387
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.2 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.804 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025581.D
Acq: 15 Apr 2022 21:10

Tgt Ion:180 Resp: 48215
Ion Ratio Lower Upper
180 100
182 92.9 77.7 116.5
145 33.0 27.4 41.2

