

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040622\
 Data File : VW025376.D
 Acq On : 06 Apr 2022 20:06
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005369

Quant Time: Apr 07 01:30:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 07 01:24:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	169263	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	159053	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	80912	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	45978	2.908	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.200%
7) Chloroethane-d5	1.568	69	46460	3.501	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.000%
11) 1,1-Dichloroethene-d2	2.111	63	110272	3.220	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.400%
20) 2-Butanone-d5	3.883	46	77589	49.265	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.540%
24) Chloroform-d	4.352	84	88525	4.290	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.034	65	37623	4.125	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
32) Benzene-d6	5.053	84	163332	4.059	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	6.072	67	47601	4.221	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.317	98	149049	4.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	7.625	79	15832	4.303	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.088	63	63114	47.501	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.000%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33290	4.427	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	54407	4.187	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	65097	3.850	ug/L	99
3) Chloromethane	1.243	50	75987	3.811	ug/L	99
5) Vinyl chloride	1.314	62	82636	3.710	ug/L	97
6) Bromomethane	1.523	94	64511	4.879	ug/L	99
8) Chloroethane	1.587	64	55429	3.966	ug/L	98
9) Trichlorofluoromethane	1.754	101	121440	4.033	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	64147	3.587	ug/L	97
12) 1,1-Dichloroethene	2.121	96	68817	4.038	ug/L	95
13) Acetone	2.166	43	66587	55.407	ug/L	83
14) Carbon disulfide	2.298	76	146863	4.160	ug/L	99
15) Methyl Acetate	2.436	43	14458	5.285	ug/L	97
16) Methylene chloride	2.510	84	62001	4.634	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	110718	5.135	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	58342	4.770	ug/L	97
19) 1,1-Dichloroethane	3.191	63	98542	4.826	ug/L	98
21) 2-Butanone	3.963	43	87344	52.819	ug/L	82
22) cis-1,2-Dichloroethene	3.915	96	62074	4.995	ug/L	95
23) Bromochloromethane	4.253	128	26044	5.025	ug/L	97
25) Chloroform	4.378	83	110308	4.869	ug/L	99

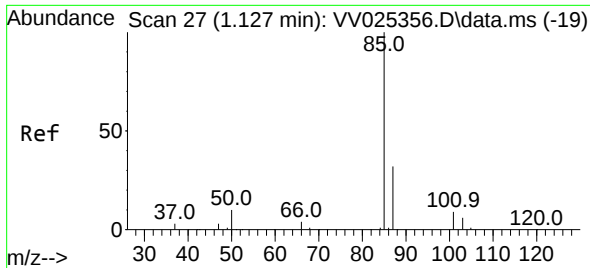
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
 Data File : VV025376.D
 Acq On : 06 Apr 2022 20:06
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005369

Quant Time: Apr 07 01:30:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 07 01:24:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	57576	4.921	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	93436	4.858	ug/L	99
30) Cyclohexane	4.677	56	75195	4.372	ug/L	99
31) Carbon tetrachloride	4.828	117	76502	4.596	ug/L	100
33) Benzene	5.101	78	233214	4.999	ug/L	100
34) Trichloroethene	5.915	95	62116	4.849	ug/L	95
35) Methylcyclohexane	6.130	83	84274	4.198	ug/L	100
37) 1,2-Dichloropropane	6.175	63	54272	5.015	ug/L	99
38) Bromodichloromethane	6.510	83	69279	5.053	ug/L	95
39) cis-1,3-Dichloropropene	7.027	75	70282	5.008	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	226550	52.430	ug/L	98
42) Toluene	7.387	91	254389	5.108	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	53657	4.864	ug/L	96
45) 1,1,2-Trichloroethane	7.838	97	38576	5.206	ug/L	98
47) Tetrachloroethene	7.976	164	46027	4.872	ug/L	96
48) 2-Hexanone	8.137	43	163518	52.911	ug/L	100
49) Dibromochloromethane	8.246	129	40805	5.117	ug/L	94
50) 1,2-Dibromoethane	8.352	107	34599	5.012	ug/L #	98
51) Chlorobenzene	8.879	112	163064	5.070	ug/L	99
52) Ethylbenzene	9.011	91	267508	5.064	ug/L	98
53) m,p-Xylene	9.140	106	106756	5.196	ug/L	100
54) o-Xylene	9.542	106	101923	5.190	ug/L	96
55) Styrene	9.561	104	170258	5.272	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	38807	5.024	ug/L	97
59) Bromoform	9.728	173	17463	5.280	ug/L #	98
60) Isopropylbenzene	9.931	105	272652	5.081	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	29737	4.857	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	116745	4.852	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	215452	5.019	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	124922	4.971	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	124787	4.958	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	111604	5.046	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.429	75	4954	4.519	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	91308	5.036	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	74020	5.411	ug/L	97
71) Naphthalene	13.500	128	116219	5.452	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	65548	5.562	ug/L	98

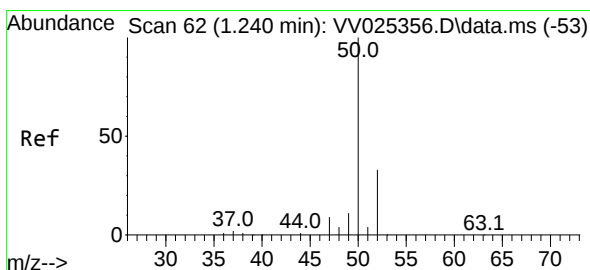
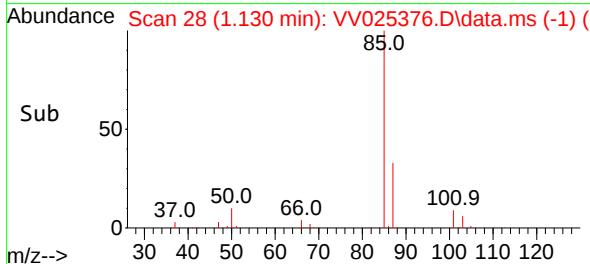
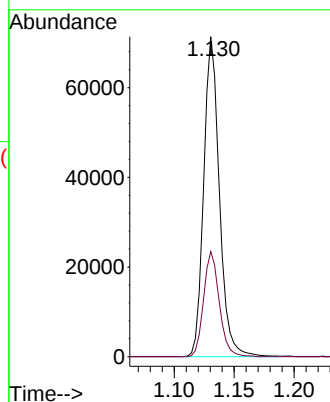
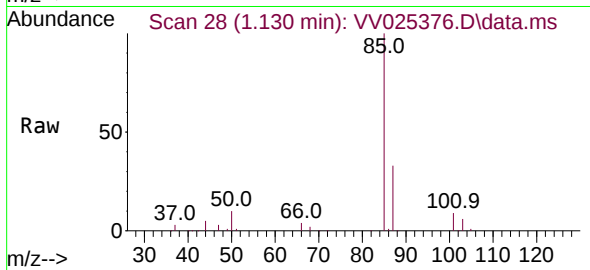
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 3.850 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV025376.D
 Acq: 06 Apr 2022 20:06

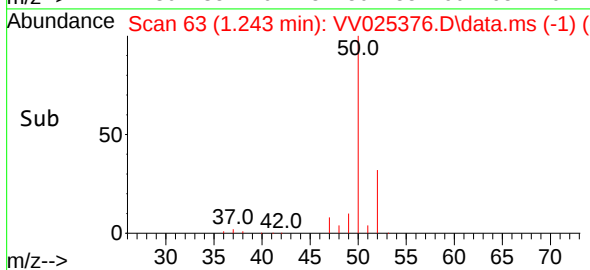
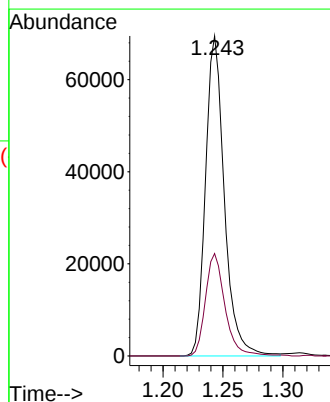
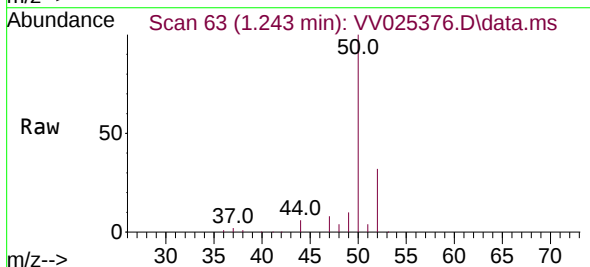
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005369

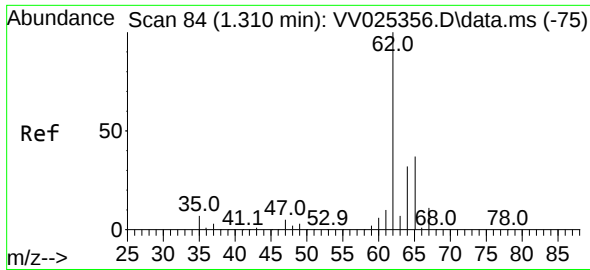
Tgt Ion: 85 Resp: 65097
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.8 38.6



#3
 Chloromethane
 Concen: 3.811 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV025376.D
 Acq: 06 Apr 2022 20:06

Tgt Ion: 50 Resp: 75987
 Ion Ratio Lower Upper
 50 100
 52 32.0 22.9 42.5

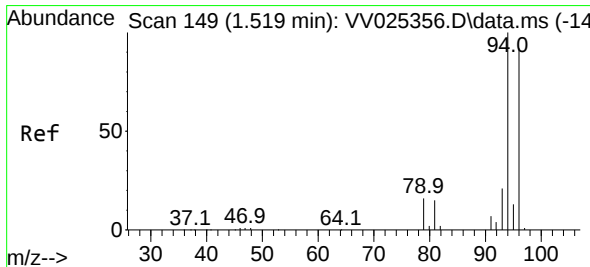
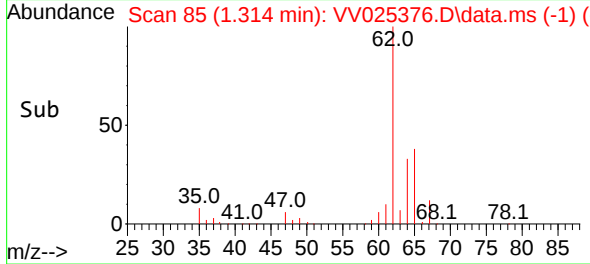
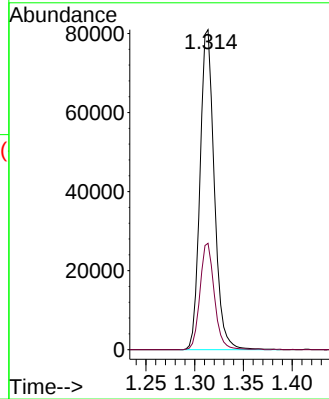
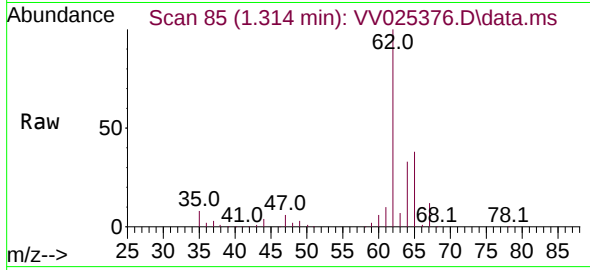




#5
 Vinyl chloride
 Concen: 3.710 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV025376.D
 Acq: 06 Apr 2022 20:06

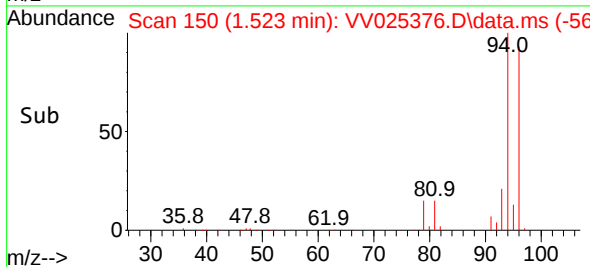
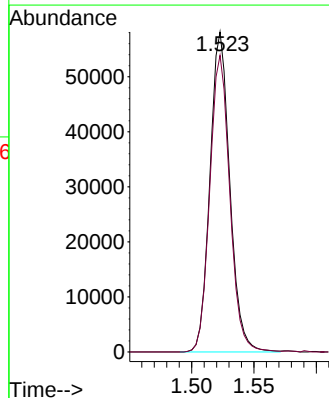
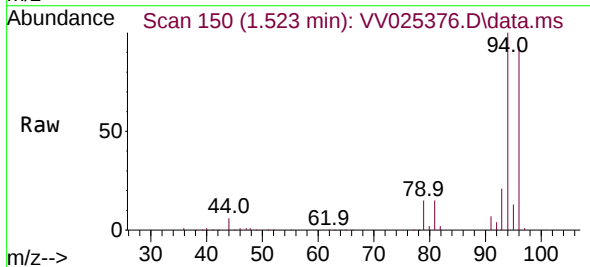
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005369

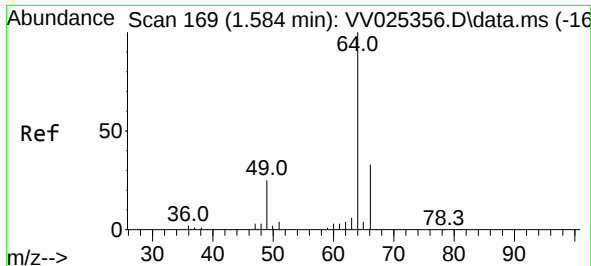
Tgt Ion: 62 Resp: 82636
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.0 40.8



#6
 Bromomethane
 Concen: 4.879 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV025376.D
 Acq: 06 Apr 2022 20:06

Tgt Ion: 94 Resp: 64511
 Ion Ratio Lower Upper
 94 100
 96 92.7 65.5 121.7

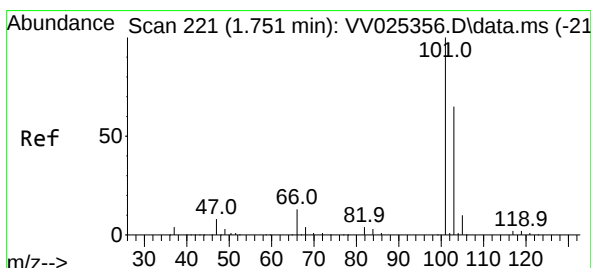
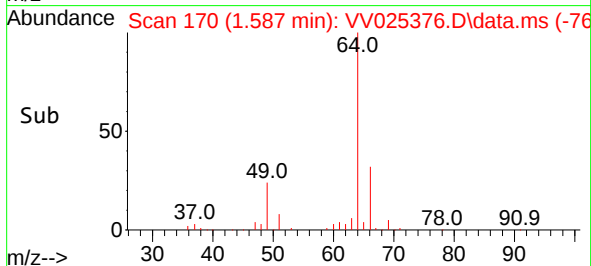
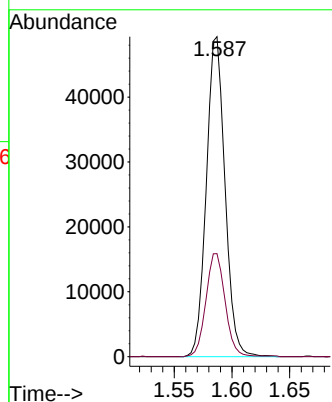
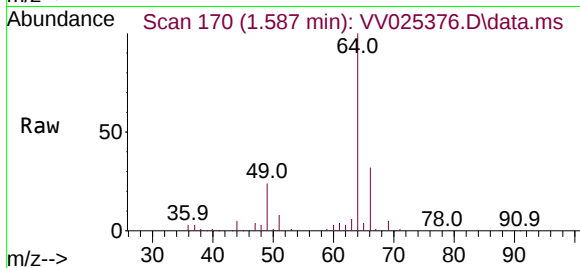




#8
Chloroethane
Concen: 3.966 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025376.D
Acq: 06 Apr 2022 20:06

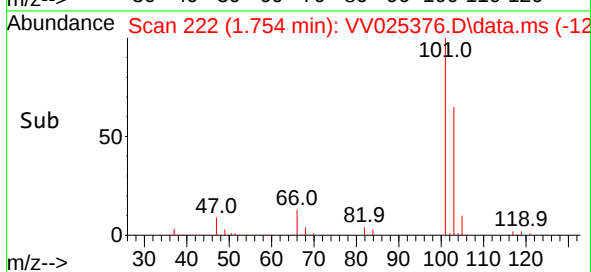
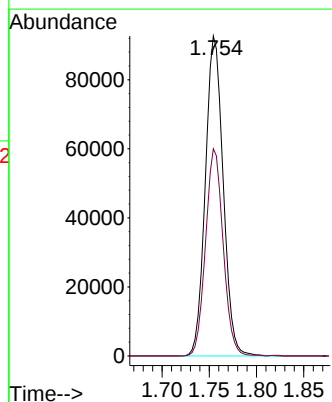
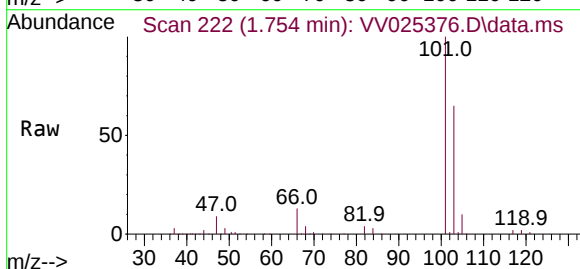
Instrument :
MSVOA_V
ClientSampleId :
VSTD005369

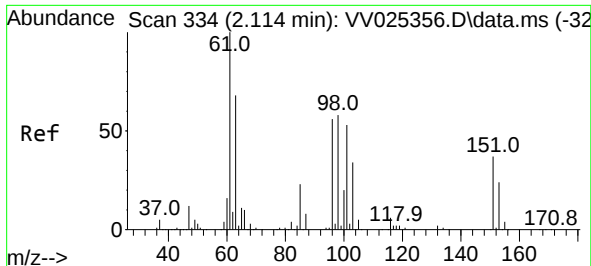
Tgt Ion: 64 Resp: 55429
Ion Ratio Lower Upper
64 100
66 32.2 23.5 43.7



#9
Trichlorofluoromethane
Concen: 4.033 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV025376.D
Acq: 06 Apr 2022 20:06

Tgt Ion:101 Resp: 121440
Ion Ratio Lower Upper
101 100
103 64.0 52.2 78.2

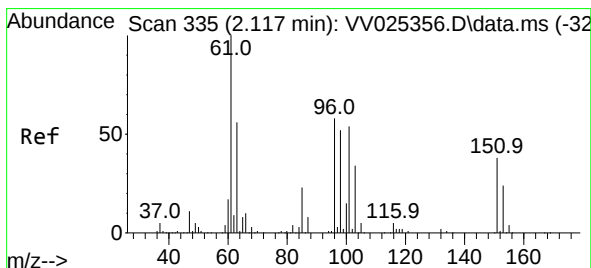
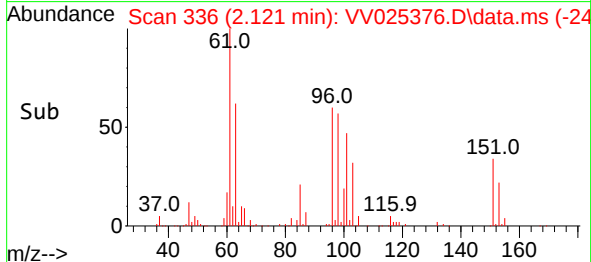
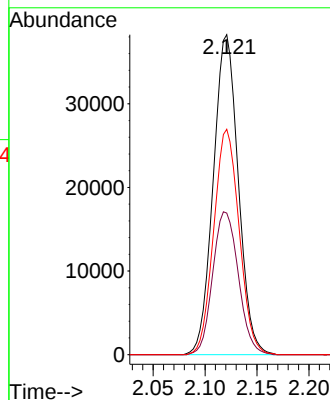
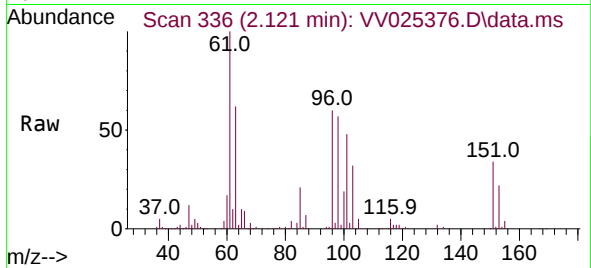




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.587 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.007 min
 Lab File: VV025376.D
 Acq: 06 Apr 2022 20:06

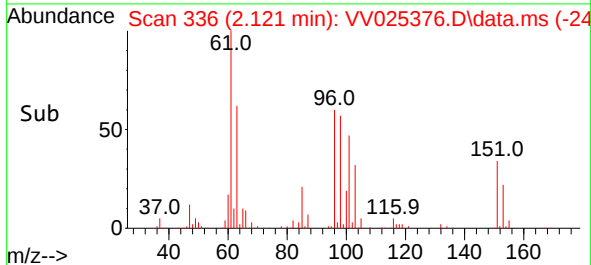
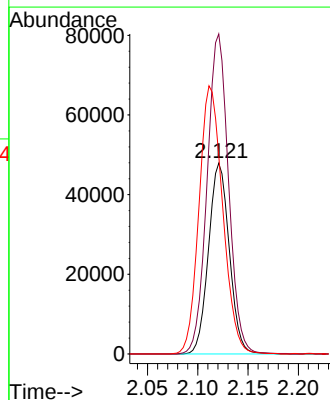
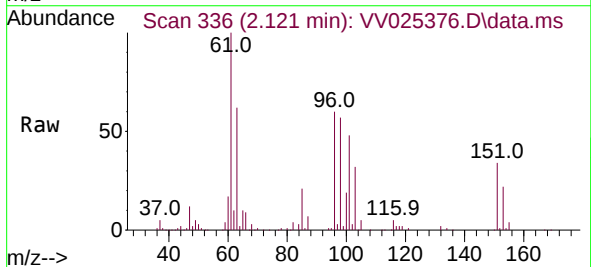
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005369

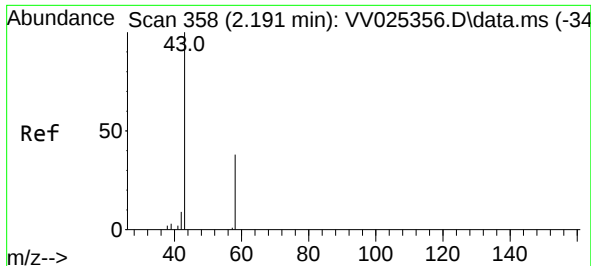
Tgt Ion:101 Resp: 64147
 Ion Ratio Lower Upper
 101 100
 85 45.7 36.0 54.0
 151 71.6 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 4.038 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV025376.D
 Acq: 06 Apr 2022 20:06

Tgt Ion: 96 Resp: 68817
 Ion Ratio Lower Upper
 96 100
 61 167.8 121.5 225.7
 63 104.0 77.9 144.7





#13

Acetone

Concen: 55.407 ug/L

RT: 2.166 min Scan# 31

Delta R.T. -0.026 min

Lab File: VV025376.D

Acq: 06 Apr 2022 20:06

Instrument :

MSVOA_V

ClientSampleId :

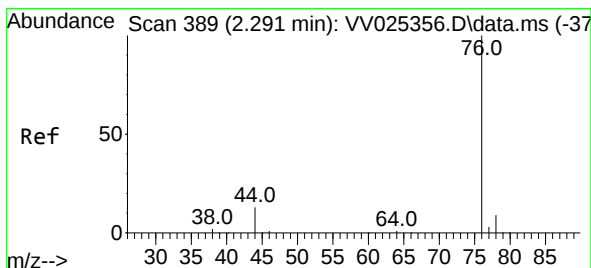
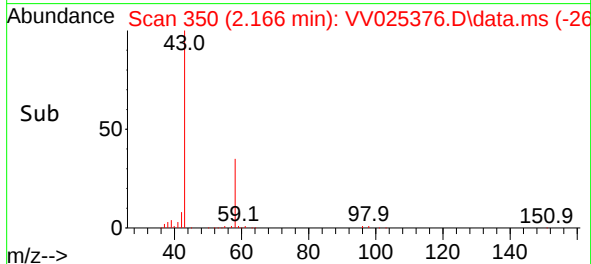
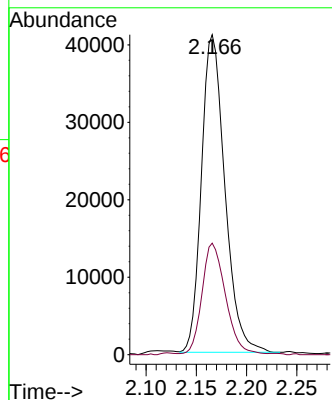
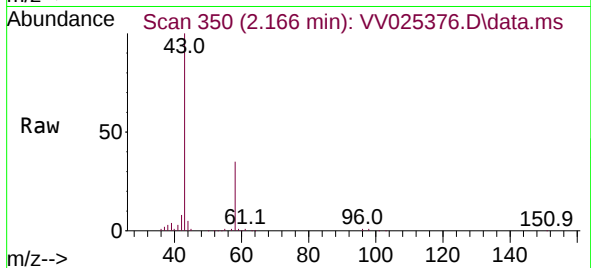
VSTD005369

Tgt Ion: 43 Resp: 66587

Ion Ratio Lower Upper

43 100

58 34.3 0.0 51.2



#14

Carbon disulfide

Concen: 4.160 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.007 min

Lab File: VV025376.D

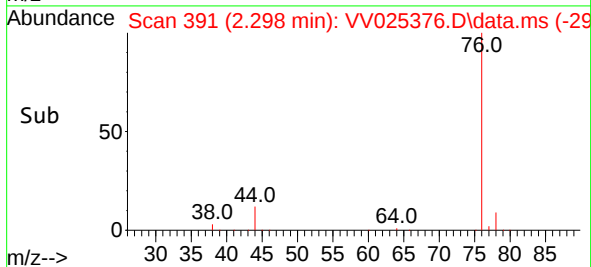
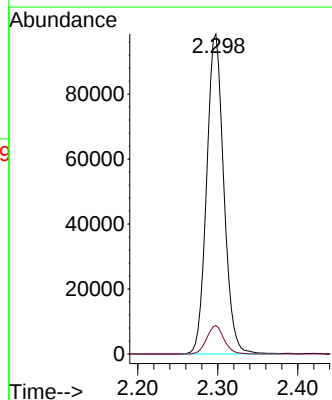
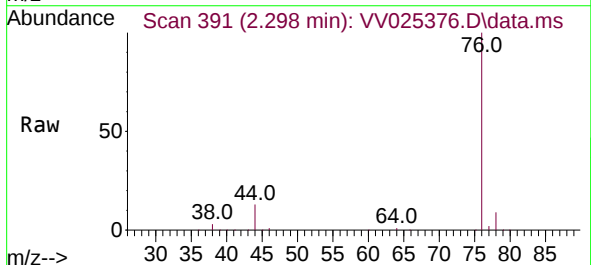
Acq: 06 Apr 2022 20:06

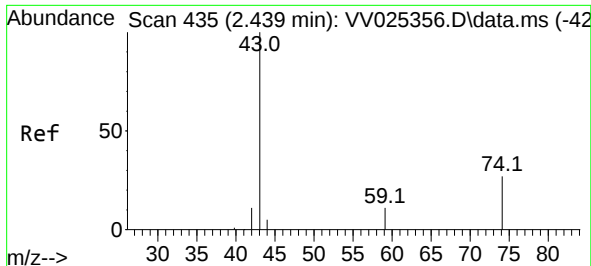
Tgt Ion: 76 Resp: 146863

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.4

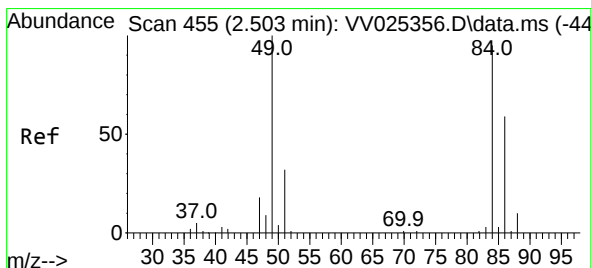
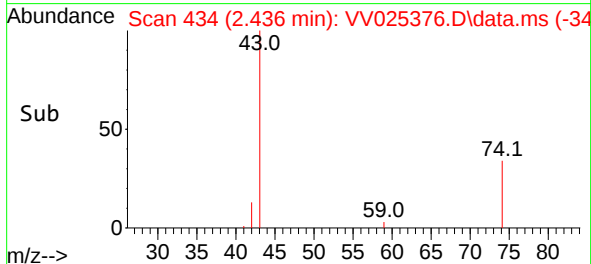
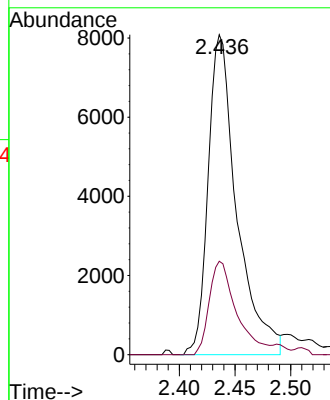
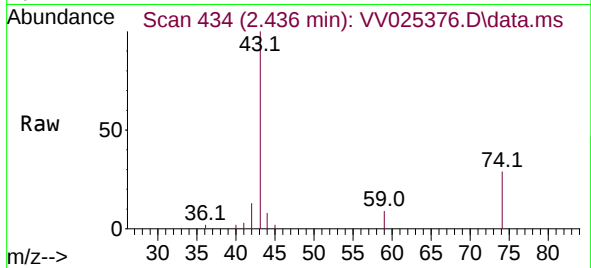




#15
Methyl Acetate
Concen: 5.285 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV025376.D
Acq: 06 Apr 2022 20:06

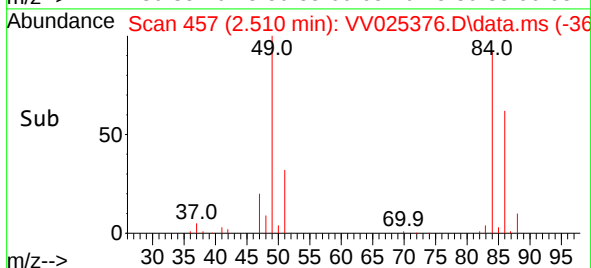
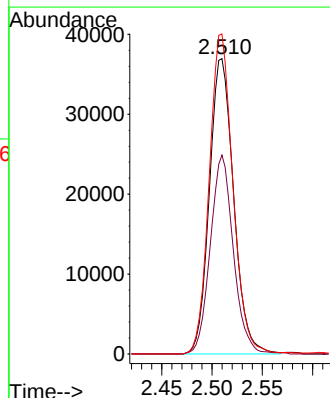
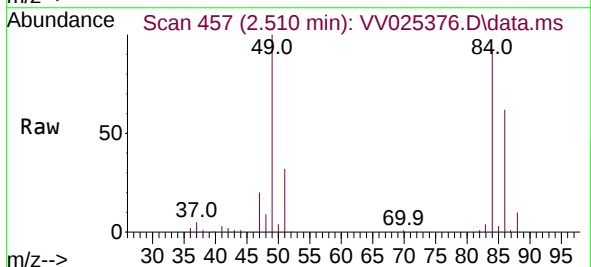
Instrument :
MSVOA_V
ClientSampleId :
VSTD005369

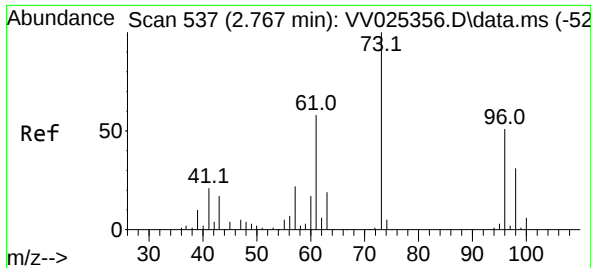
Tgt Ion: 43 Resp: 14458
Ion Ratio Lower Upper
43 100
74 27.8 20.9 31.3



#16
Methylene chloride
Concen: 4.634 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.007 min
Lab File: VV025376.D
Acq: 06 Apr 2022 20:06

Tgt Ion: 84 Resp: 62001
Ion Ratio Lower Upper
84 100
86 67.3 43.5 80.7
49 108.3 74.5 138.3

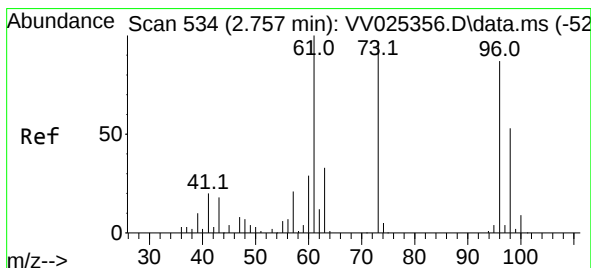
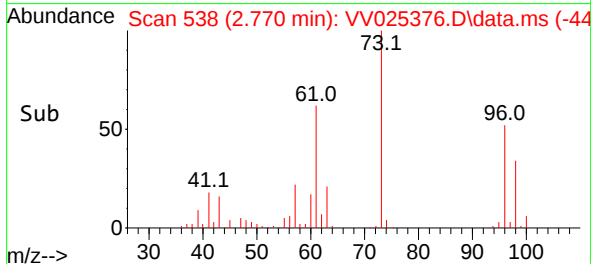
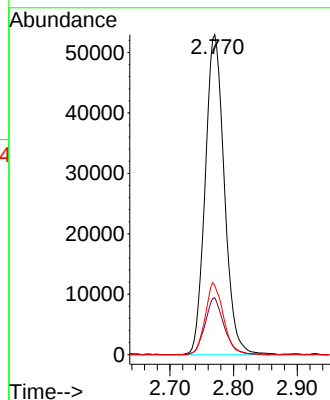
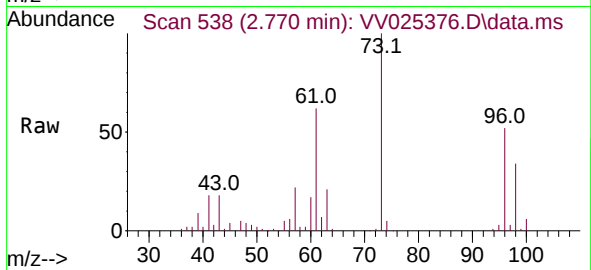




#17
Methyl tert-butyl Ether
Concen: 5.135 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025376.D
Acq: 06 Apr 2022 20:06

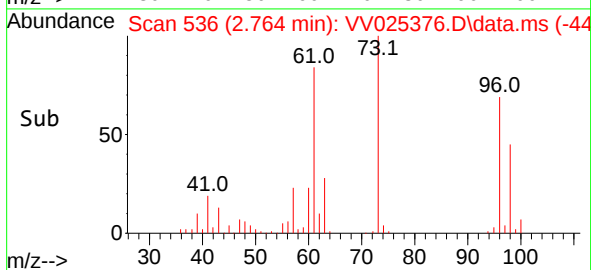
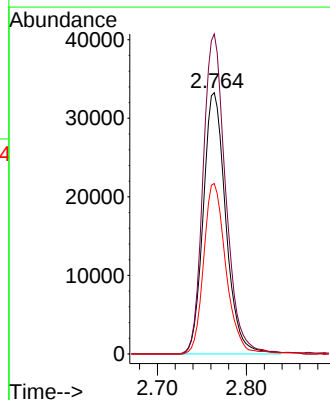
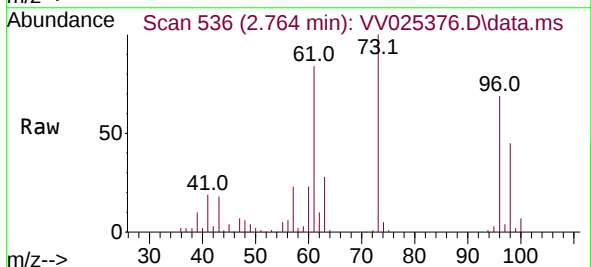
Instrument :
MSVOA_V
ClientSampleId :
VSTD005369

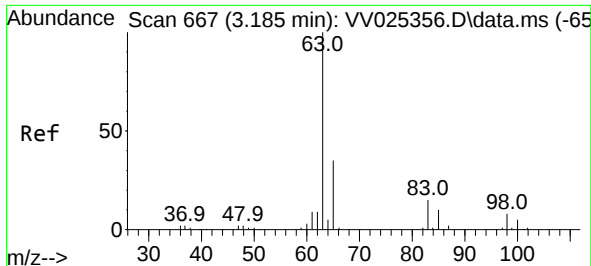
Tgt Ion: 73 Resp: 110718
Ion Ratio Lower Upper
73 100
43 17.6 13.5 20.3
57 21.4 16.4 24.6



#18
trans-1,2-Dichloroethene
Concen: 4.770 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.007 min
Lab File: VV025376.D
Acq: 06 Apr 2022 20:06

Tgt Ion: 96 Resp: 58342
Ion Ratio Lower Upper
96 100
61 122.5 87.6 162.8
98 65.2 44.0 81.8





#19

1,1-Dichloroethane

Concen: 4.826 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.007 min

Lab File: VV025376.D

Acq: 06 Apr 2022 20:06

Instrument :

MSVOA_V

ClientSampleId :

VSTD005369

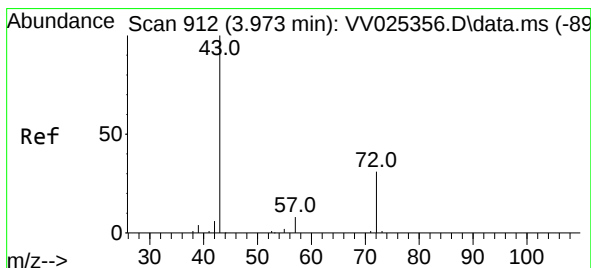
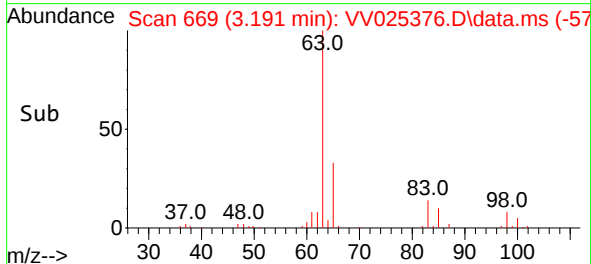
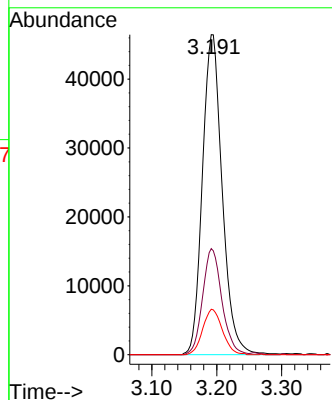
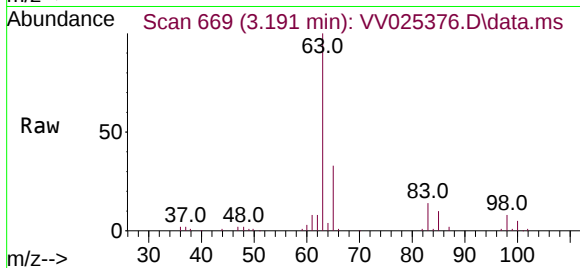
Tgt Ion: 63 Resp: 98542

Ion Ratio Lower Upper

63 100

65 33.2 22.0 40.8

83 14.2 10.2 19.0



#21

2-Butanone

Concen: 52.819 ug/L

RT: 3.963 min Scan# 909

Delta R.T. -0.009 min

Lab File: VV025376.D

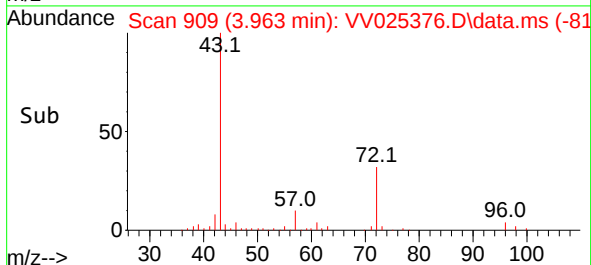
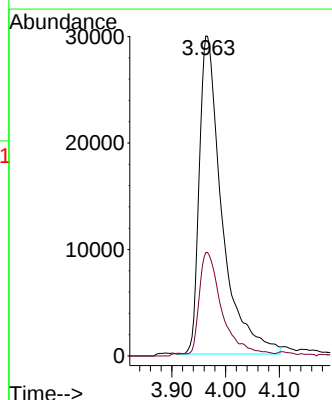
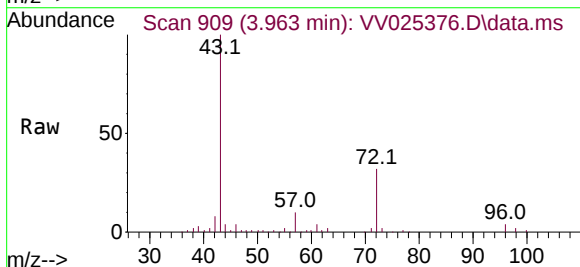
Acq: 06 Apr 2022 20:06

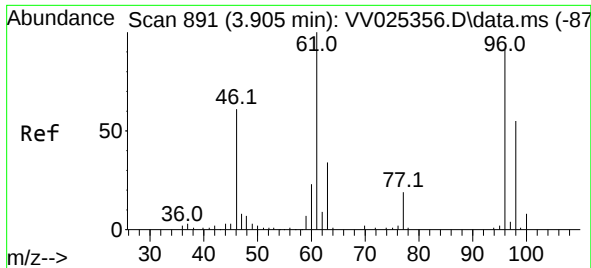
Tgt Ion: 43 Resp: 87344

Ion Ratio Lower Upper

43 100

72 32.2 11.8 35.4

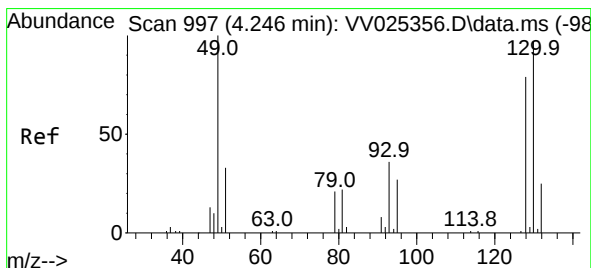
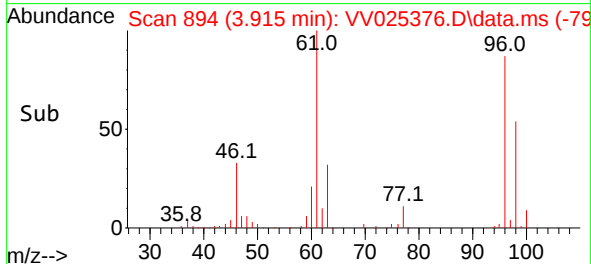
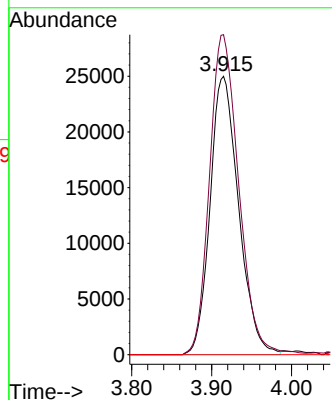
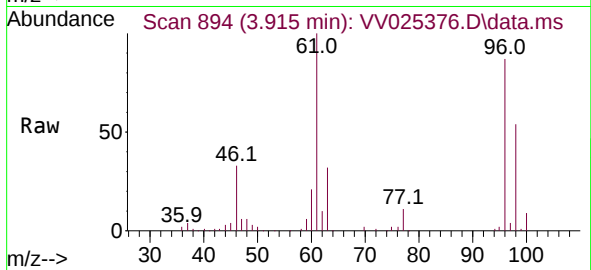




#22
 cis-1,2-Dichloroethene
 Concen: 4.995 ug/L
 RT: 3.915 min Scan# 891
 Delta R.T. 0.010 min
 Lab File: VV025376.D
 Acq: 06 Apr 2022 20:06

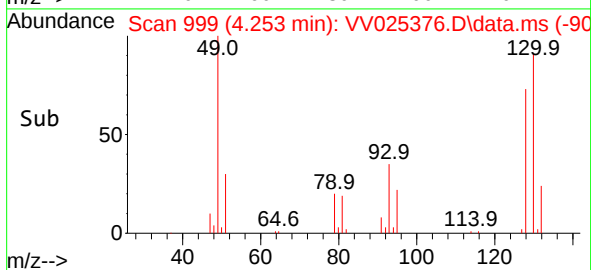
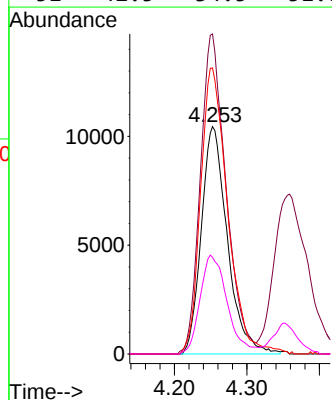
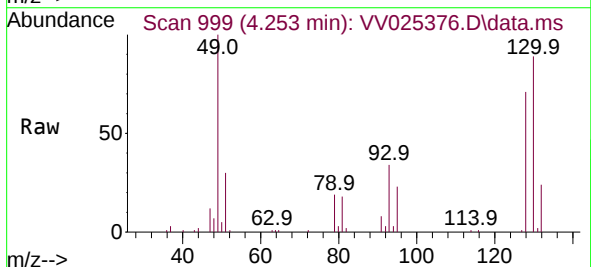
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005369

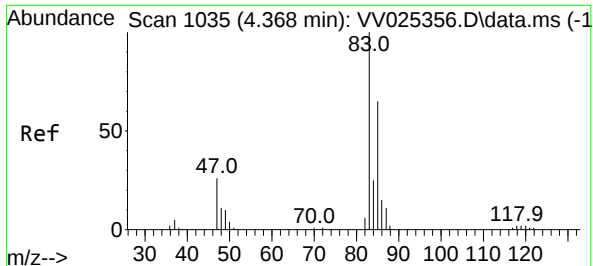
Tgt Ion: 96 Resp: 62074
 Ion Ratio Lower Upper
 96 100
 61 114.9 84.1 156.1
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.025 ug/L
 RT: 4.253 min Scan# 999
 Delta R.T. 0.007 min
 Lab File: VV025376.D
 Acq: 06 Apr 2022 20:06

Tgt Ion: 128 Resp: 26044
 Ion Ratio Lower Upper
 128 100
 49 140.8 101.4 188.4
 130 125.8 85.0 158.0
 51 42.5 34.5 51.7





#25

Chloroform

Concen: 4.869 ug/L

RT: 4.378 min Scan# 110308

Delta R.T. 0.010 min

Lab File: VV025376.D

Acq: 06 Apr 2022 20:06

Instrument :

MSVOA_V

ClientSampleId :

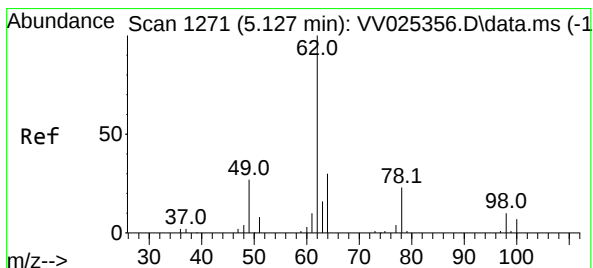
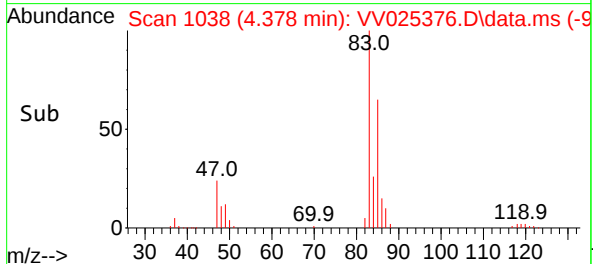
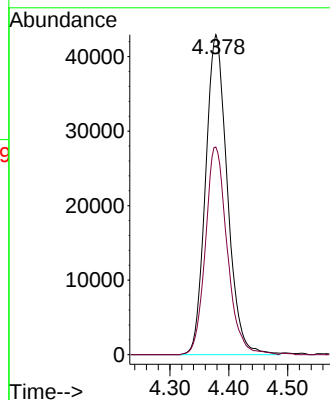
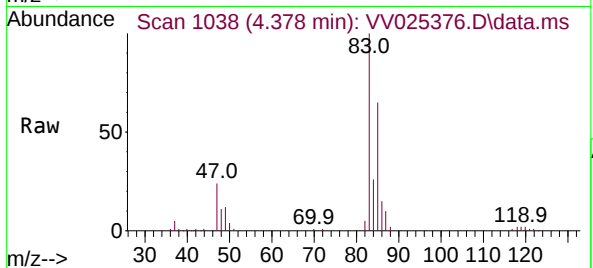
VSTD005369

Tgt Ion: 83 Resp: 110308

Ion Ratio Lower Upper

83 100

85 64.9 44.7 82.9



#27

1,2-Dichloroethane

Concen: 4.921 ug/L

RT: 5.134 min Scan# 1273

Delta R.T. 0.007 min

Lab File: VV025376.D

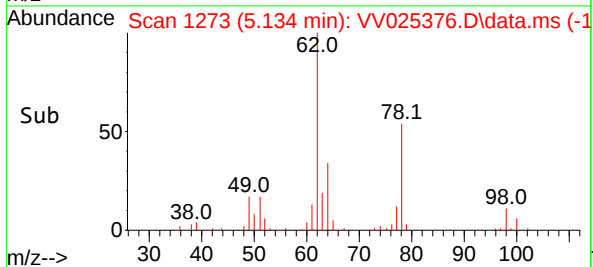
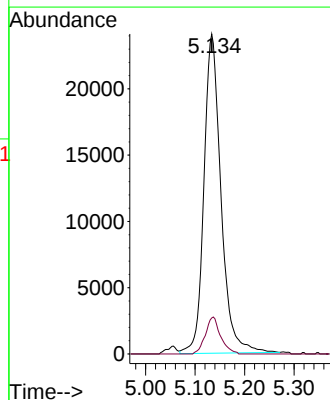
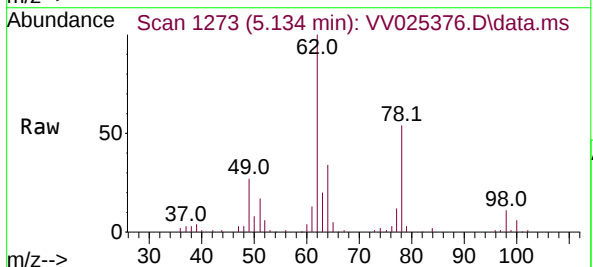
Acq: 06 Apr 2022 20:06

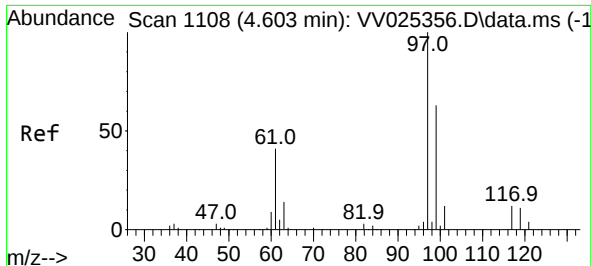
Tgt Ion: 62 Resp: 57576

Ion Ratio Lower Upper

62 100

98 11.3 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 4.858 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.007 min

Lab File: VV025376.D

Acq: 06 Apr 2022 20:06

Instrument :

MSVOA_V

ClientSampleId :

VSTD005369

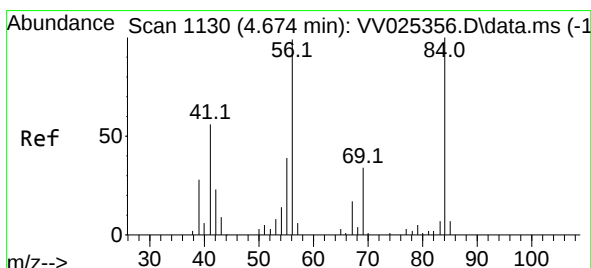
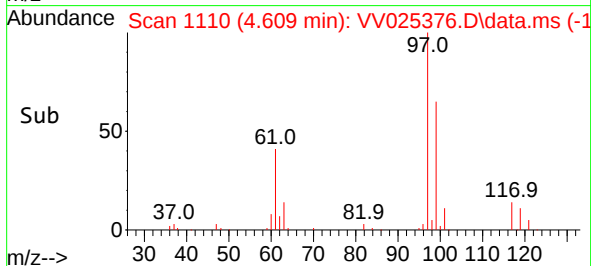
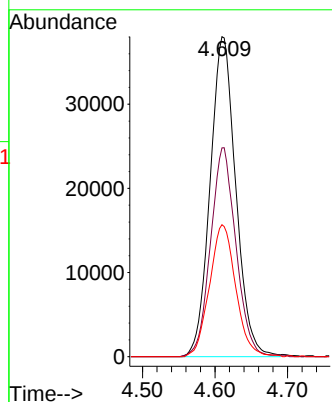
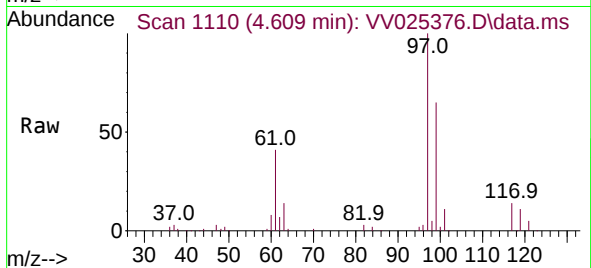
Tgt Ion: 97 Resp: 93436

Ion Ratio Lower Upper

97 100

99 64.5 51.9 77.9

61 42.2 34.2 51.2



#30

Cyclohexane

Concen: 4.372 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV025376.D

Acq: 06 Apr 2022 20:06

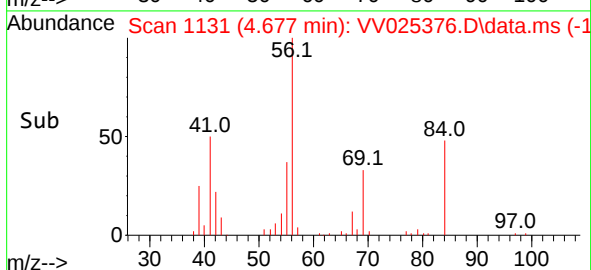
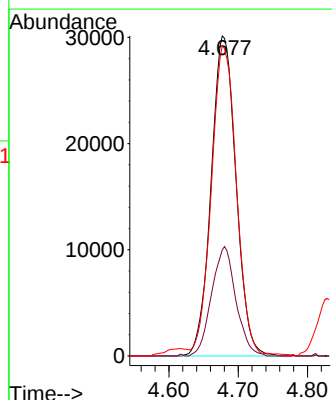
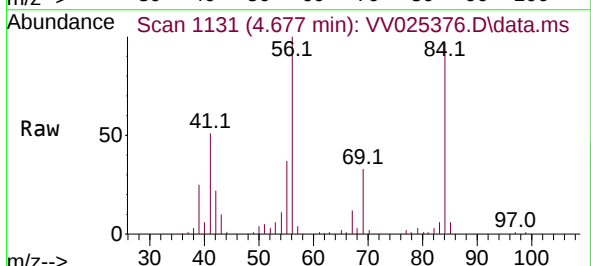
Tgt Ion: 56 Resp: 75195

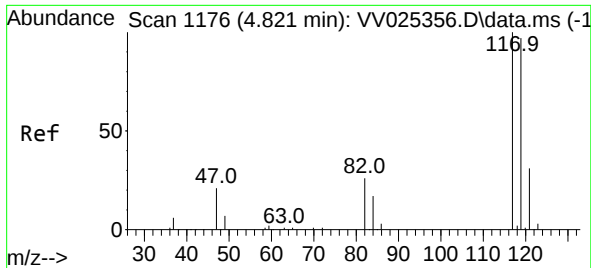
Ion Ratio Lower Upper

56 100

69 33.3 25.3 37.9

84 98.1 78.4 117.6

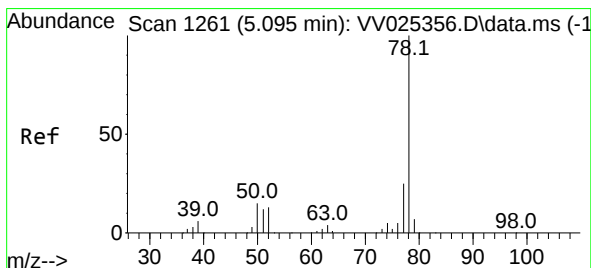
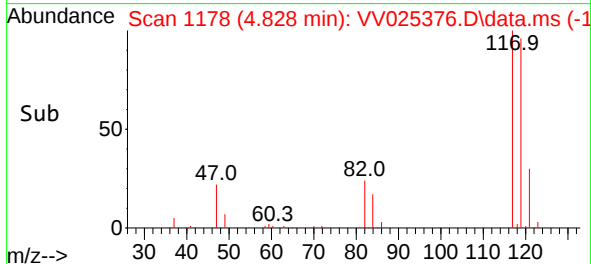
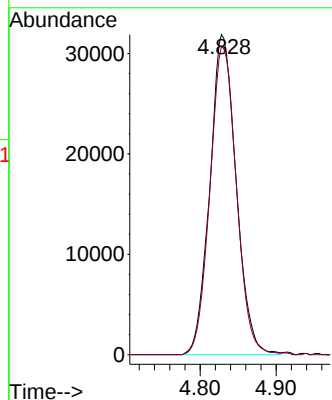
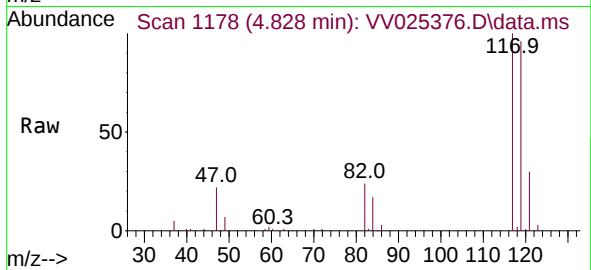




#31
Carbon tetrachloride
Concen: 4.596 ug/L
RT: 4.828 min Scan# 1176
Delta R.T. 0.007 min
Lab File: VV025376.D
Acq: 06 Apr 2022 20:06

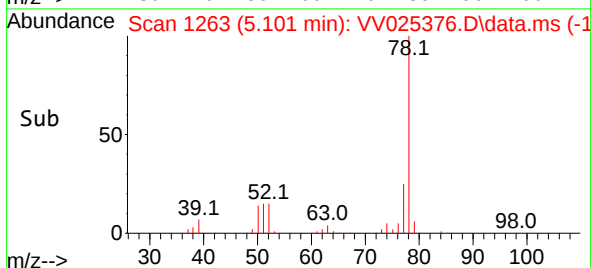
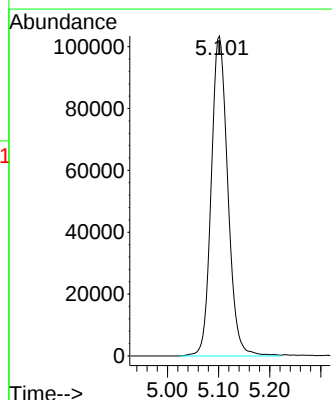
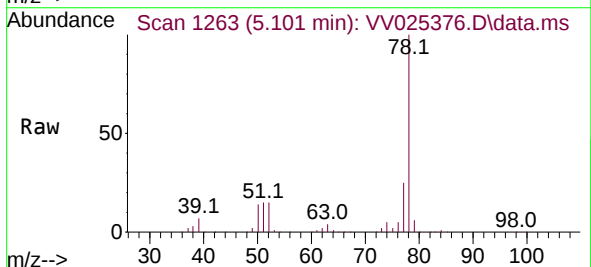
Instrument :
MSVOA_V
ClientSampleId :
VSTD005369

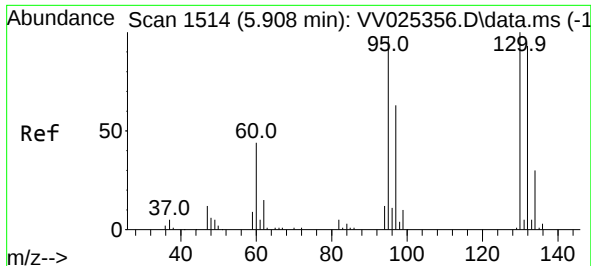
Tgt Ion:117 Resp: 76502
Ion Ratio Lower Upper
117 100
119 96.8 77.8 116.6



#33
Benzene
Concen: 4.999 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.007 min
Lab File: VV025376.D
Acq: 06 Apr 2022 20:06

Tgt Ion: 78 Resp: 233214

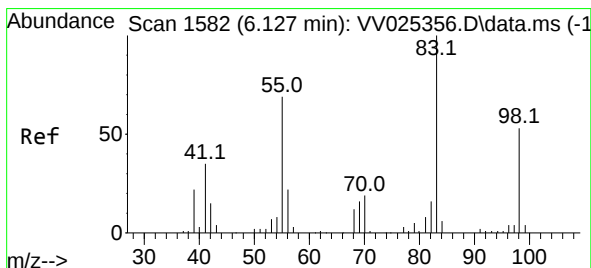
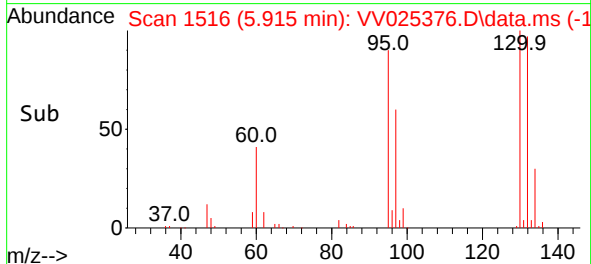
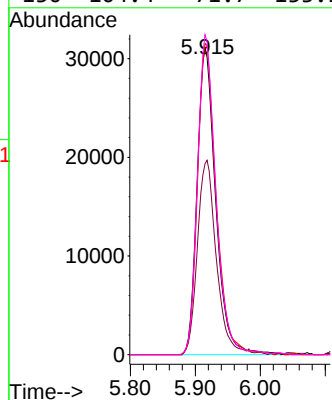
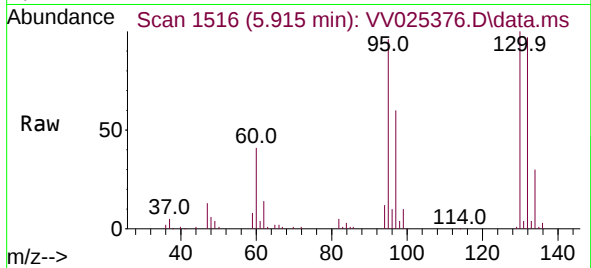




#34
Trichloroethene
Concen: 4.849 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.007 min
Lab File: VV025376.D
Acq: 06 Apr 2022 20:06

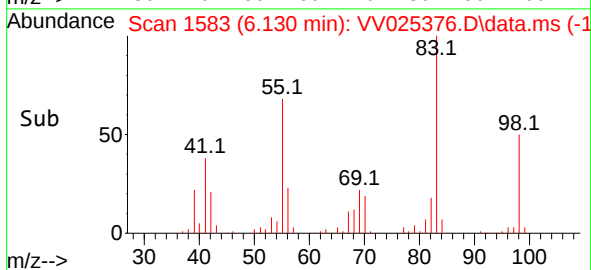
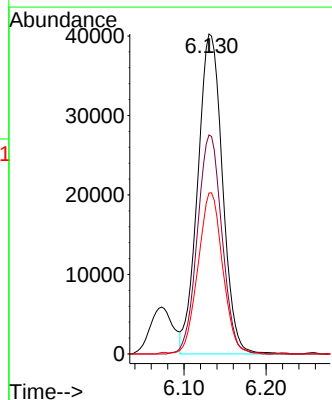
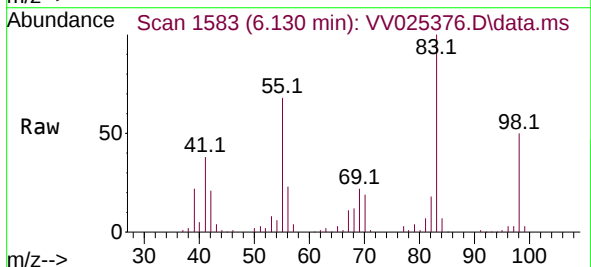
Instrument :
MSVOA_V
ClientSampleId :
VSTD005369

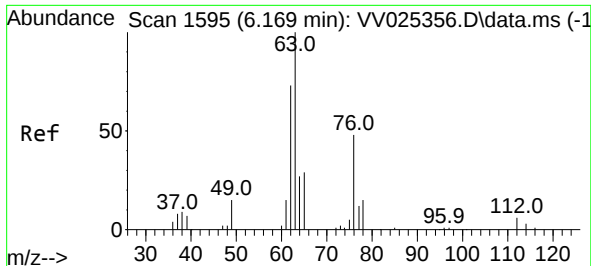
Tgt Ion: 95 Resp: 62116
Ion Ratio Lower Upper
95 100
97 62.3 46.3 85.9
132 101.5 65.2 121.2
130 104.4 71.7 133.1



#35
Methylcyclohexane
Concen: 4.198 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV025376.D
Acq: 06 Apr 2022 20:06

Tgt Ion: 83 Resp: 84274
Ion Ratio Lower Upper
83 100
55 68.0 54.6 81.8
98 50.2 39.8 59.6





#37

1,2-Dichloropropane

Concen: 5.015 ug/L

RT: 6.175 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV025376.D

Acq: 06 Apr 2022 20:06

Instrument :

MSVOA_V

ClientSampleId :

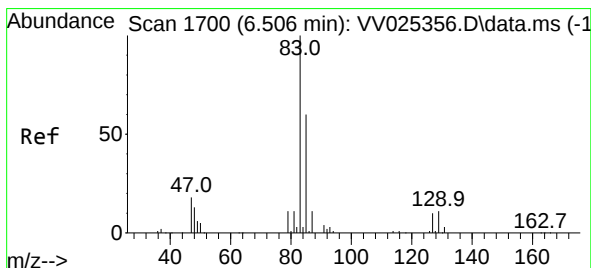
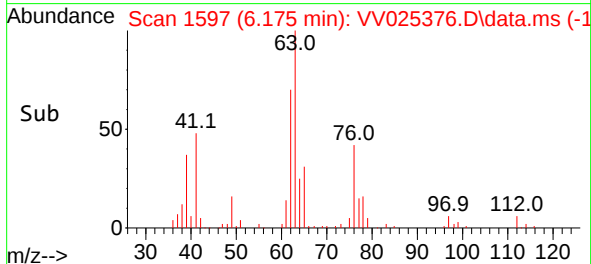
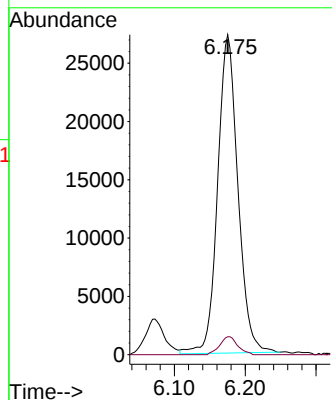
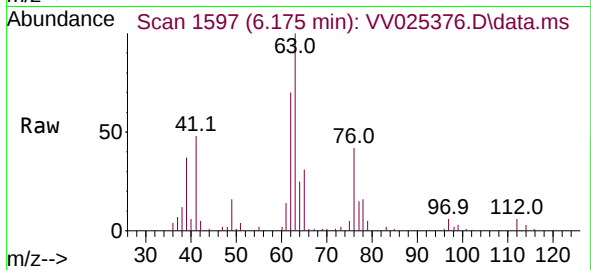
VSTD005369

Tgt Ion: 63 Resp: 54272

Ion Ratio Lower Upper

63 100

112 5.0 4.2 6.2



#38

Bromodichloromethane

Concen: 5.053 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV025376.D

Acq: 06 Apr 2022 20:06

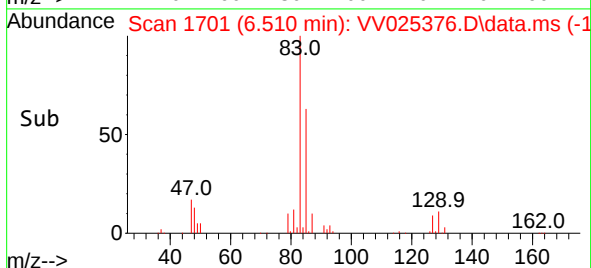
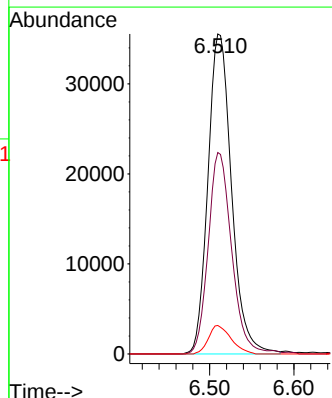
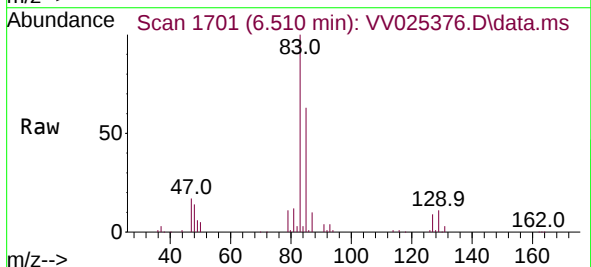
Tgt Ion: 83 Resp: 69279

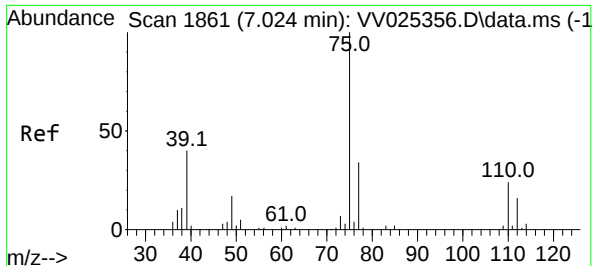
Ion Ratio Lower Upper

83 100

85 63.0 47.2 87.6

127 8.9 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.008 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV025376.D

Acq: 06 Apr 2022 20:06

Instrument :

MSVOA_V

ClientSampleId :

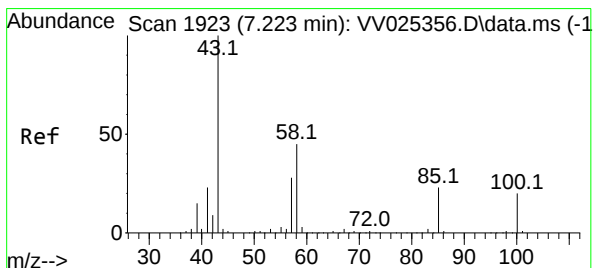
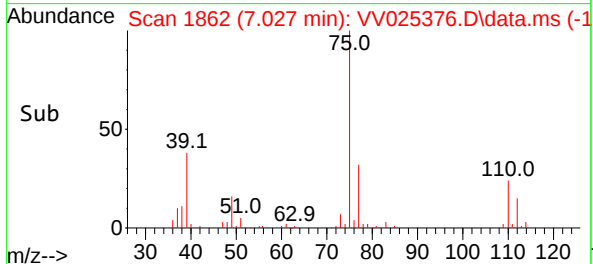
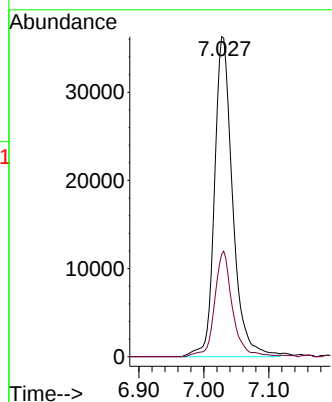
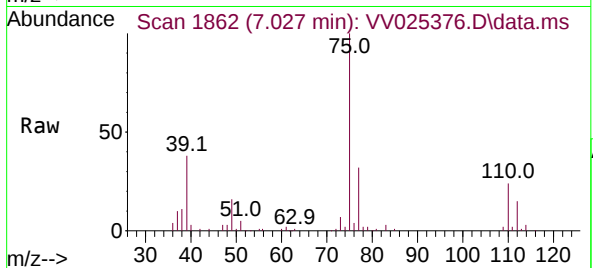
VSTD005369

Tgt Ion: 75 Resp: 70282

Ion Ratio Lower Upper

75 100

77 32.0 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 52.430 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV025376.D

Acq: 06 Apr 2022 20:06

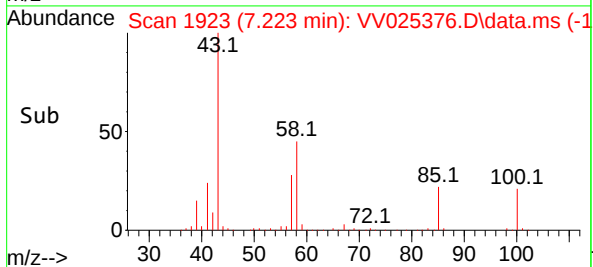
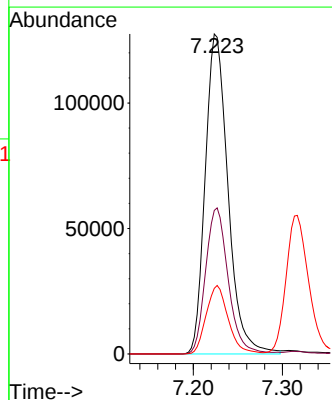
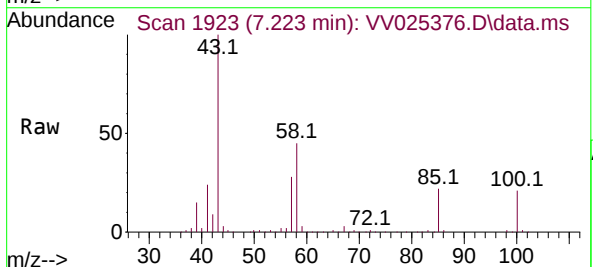
Tgt Ion: 43 Resp: 226550

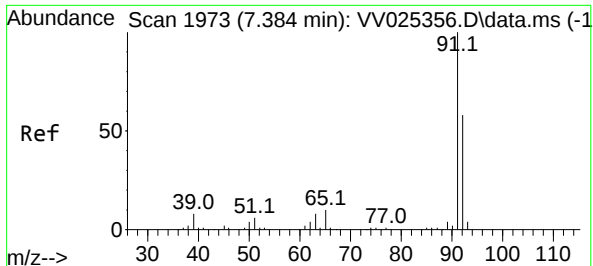
Ion Ratio Lower Upper

43 100

58 45.3 35.1 52.7

100 20.7 15.5 23.3





#42

Toluene

Concen: 5.108 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025376.D

Acq: 06 Apr 2022 20:06

Instrument :

MSVOA_V

ClientSampleId :

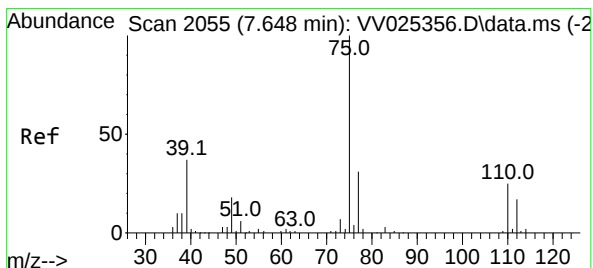
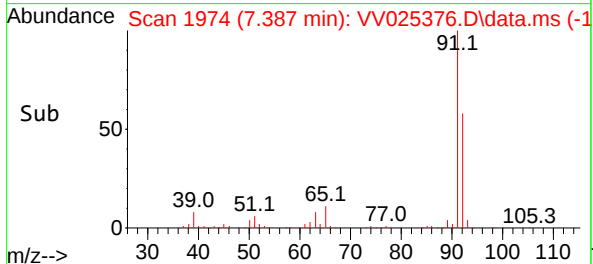
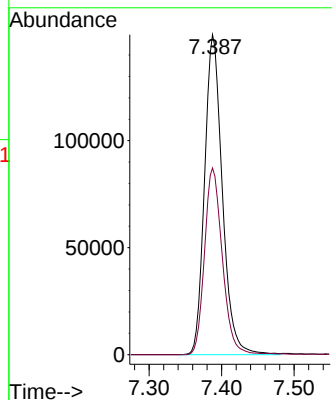
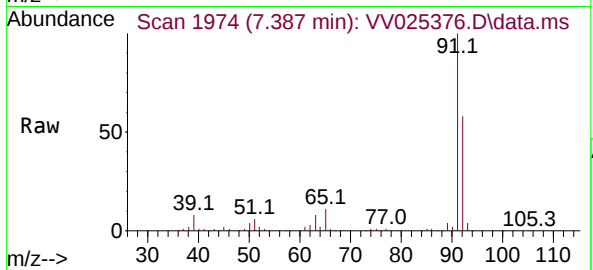
VSTD005369

Tgt Ion: 91 Resp: 254389

Ion Ratio Lower Upper

91 100

92 58.4 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 4.864 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV025376.D

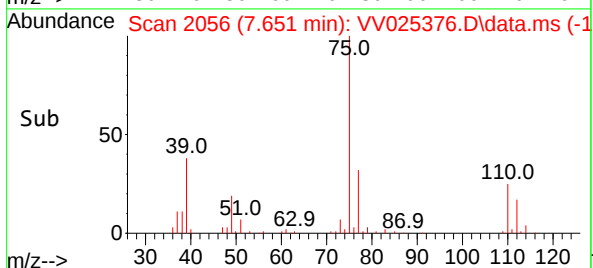
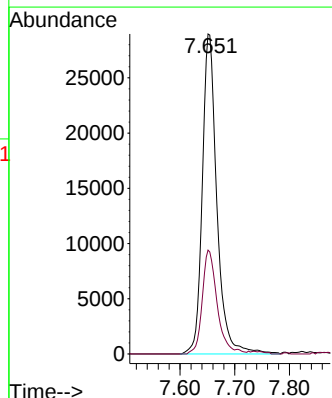
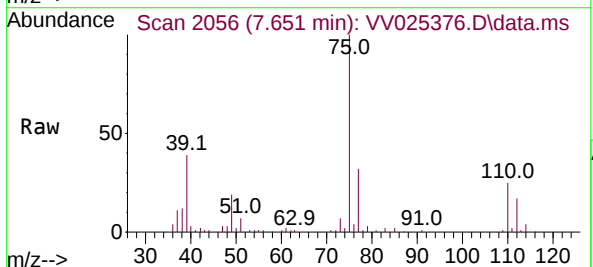
Acq: 06 Apr 2022 20:06

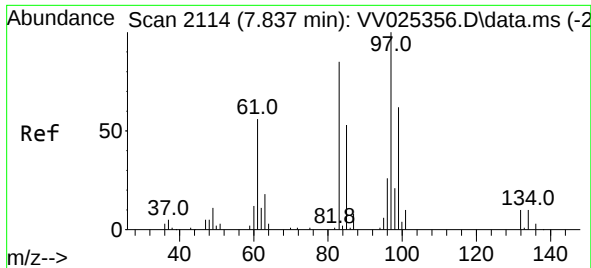
Tgt Ion: 75 Resp: 53657

Ion Ratio Lower Upper

75 100

77 32.5 24.2 45.0



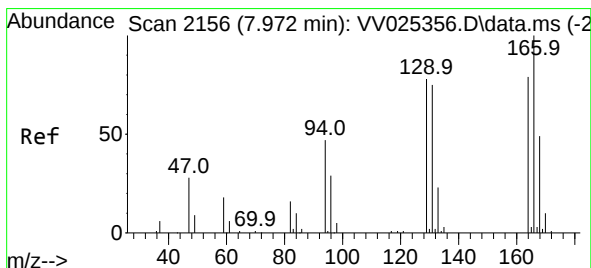
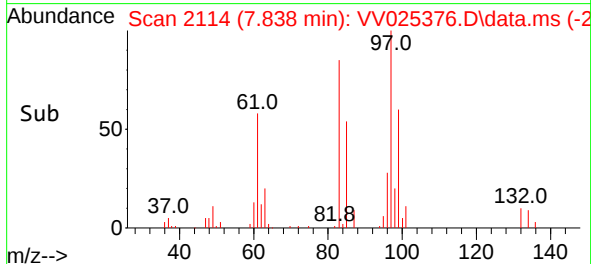
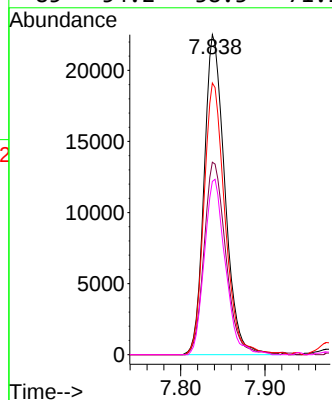
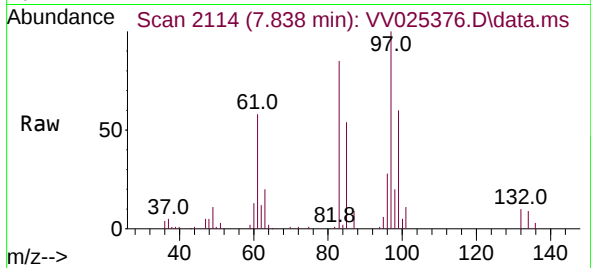


#45
1,1,2-Trichloroethane
Concen: 5.206 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV025376.D
Acq: 06 Apr 2022 20:06

Instrument :
MSVOA_V
ClientSampleId :
VSTD005369

Tgt Ion: 97 Resp: 38576

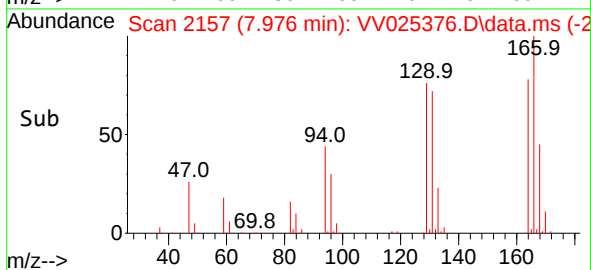
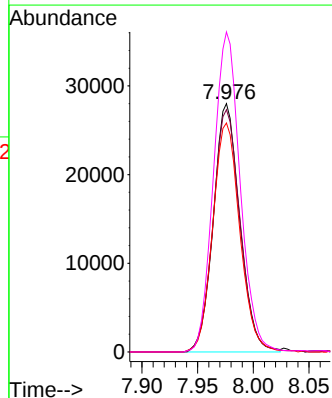
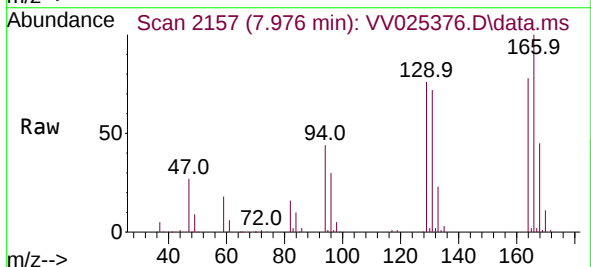
Ion	Ratio	Lower	Upper
97	100		
99	60.2	43.3	80.5
83	84.9	58.0	107.6
85	54.2	38.3	71.1

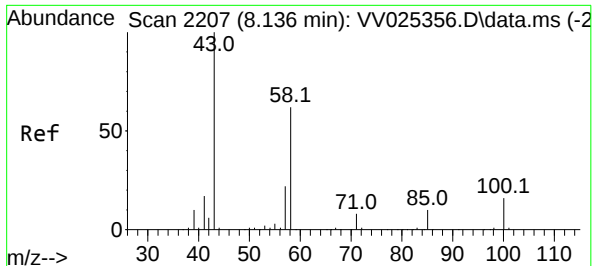


#47
Tetrachloroethene
Concen: 4.872 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025376.D
Acq: 06 Apr 2022 20:06

Tgt Ion: 164 Resp: 46027

Ion	Ratio	Lower	Upper
164	100		
129	97.6	67.5	125.4
131	92.2	68.0	126.4
166	128.9	86.2	160.2



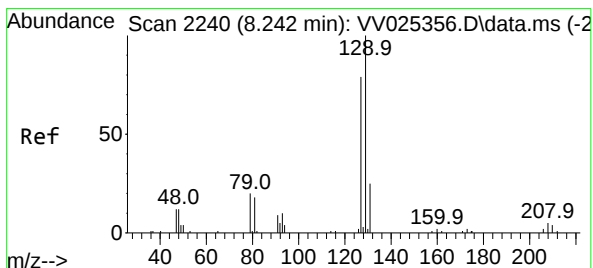
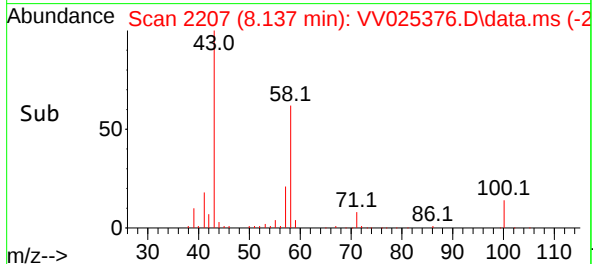
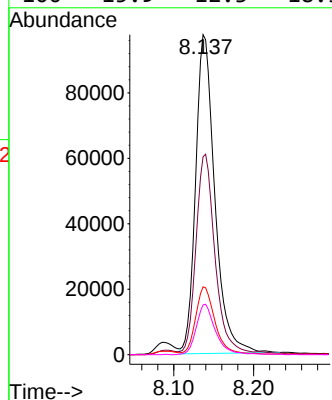
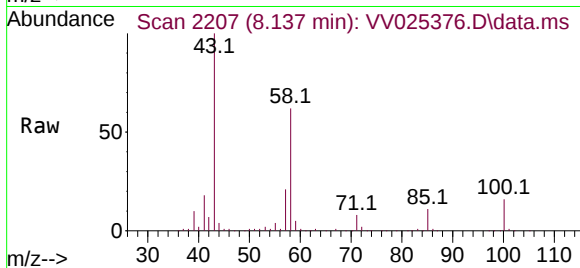


#48
2-Hexanone
Concen: 52.911 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025376.D
Acq: 06 Apr 2022 20:06

Instrument :
MSVOA_V
ClientSampleId :
VSTD005369

Tgt Ion: 43 Resp: 163518

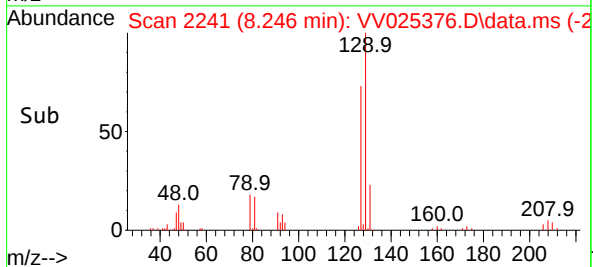
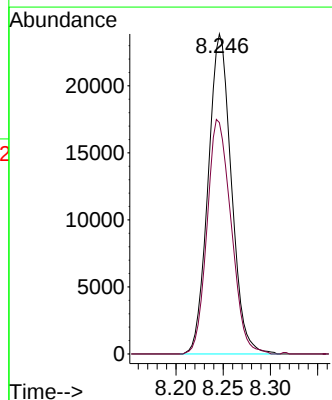
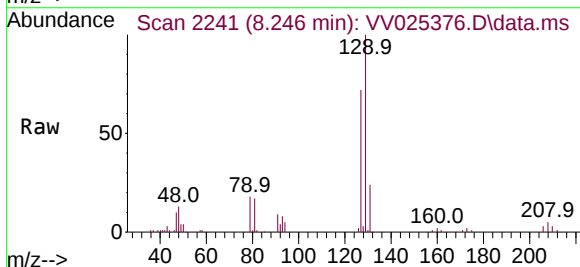
Ion	Ratio	Lower	Upper
43	100		
58	60.7	48.5	72.7
57	21.2	16.9	25.3
100	15.9	12.3	18.5

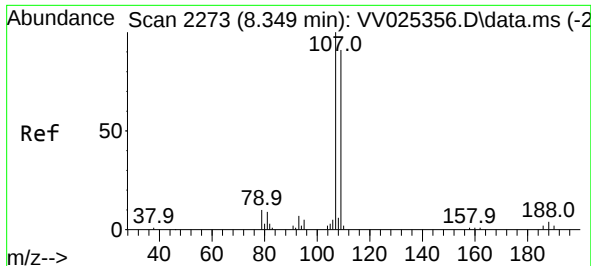


#49
Dibromochloromethane
Concen: 5.117 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025376.D
Acq: 06 Apr 2022 20:06

Tgt Ion: 129 Resp: 40805

Ion	Ratio	Lower	Upper
129	100		
127	72.3	54.1	100.5





#50

1,2-Dibromoethane

Concen: 5.012 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025376.D

Acq: 06 Apr 2022 20:06

Instrument :

MSVOA_V

ClientSampleId :

VSTD005369

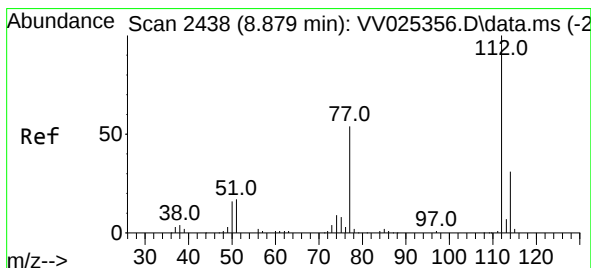
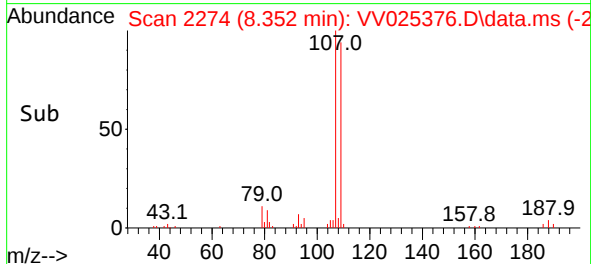
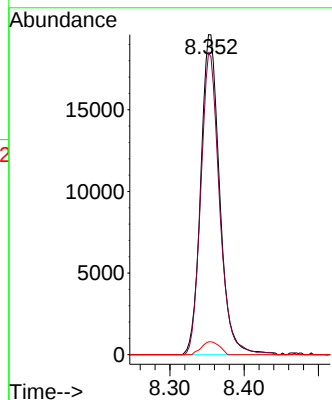
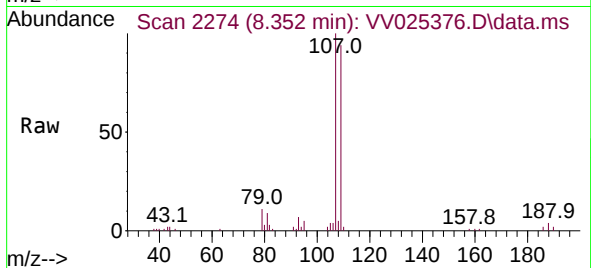
Tgt Ion:107 Resp: 34599

Ion Ratio Lower Upper

107 100

109 94.3 64.7 120.1

188 4.0 2.2 3.4#



#51

Chlorobenzene

Concen: 5.070 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV025376.D

Acq: 06 Apr 2022 20:06

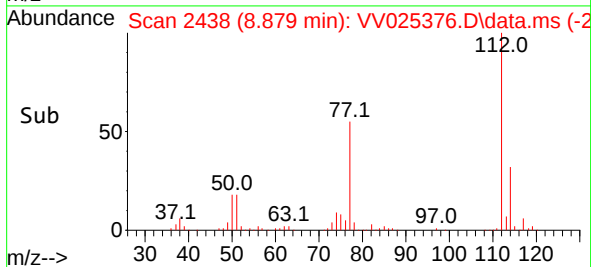
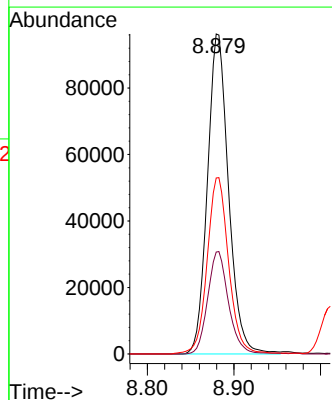
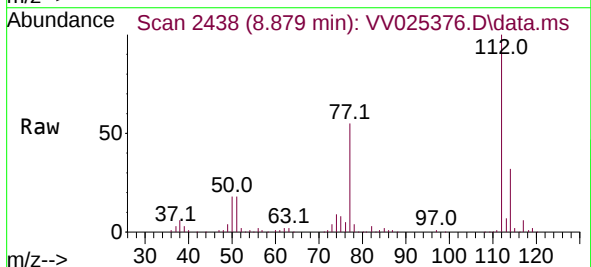
Tgt Ion:112 Resp: 163064

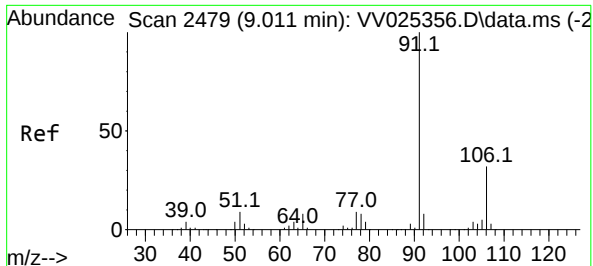
Ion Ratio Lower Upper

112 100

114 31.8 21.9 40.7

77 55.0 44.2 66.4





#52

Ethylbenzene

Concen: 5.064 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV025376.D

Acq: 06 Apr 2022 20:06

Instrument :

MSVOA_V

ClientSampleId :

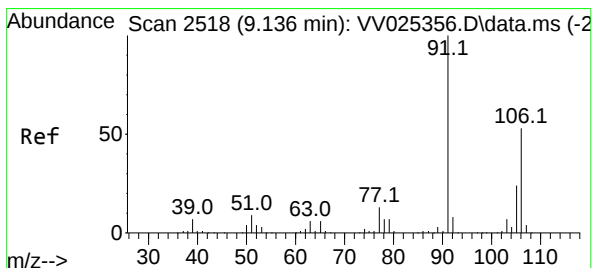
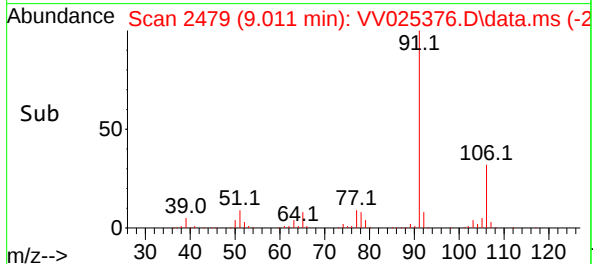
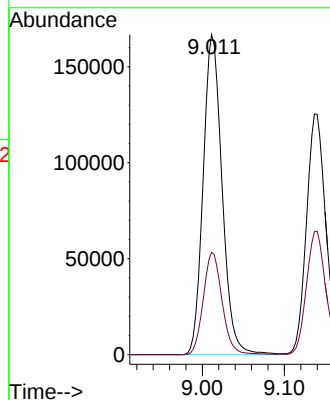
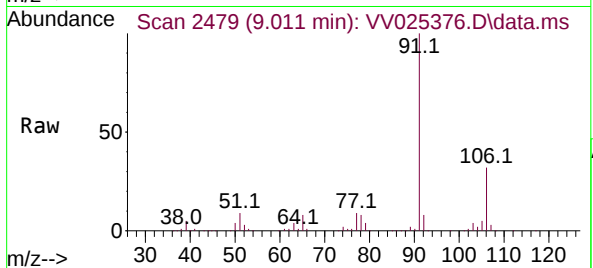
VSTD005369

Tgt Ion: 91 Resp: 267508

Ion Ratio Lower Upper

91 100

106 32.0 21.7 40.3



#53

m,p-Xylene

Concen: 5.196 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV025376.D

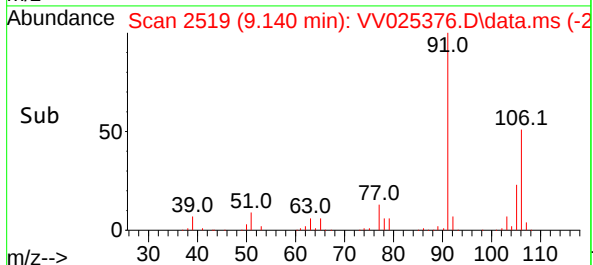
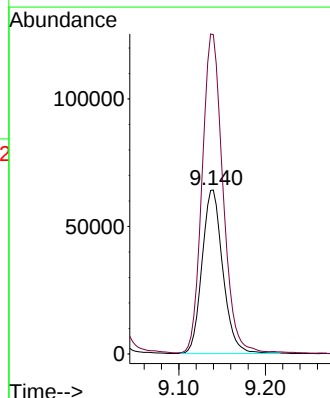
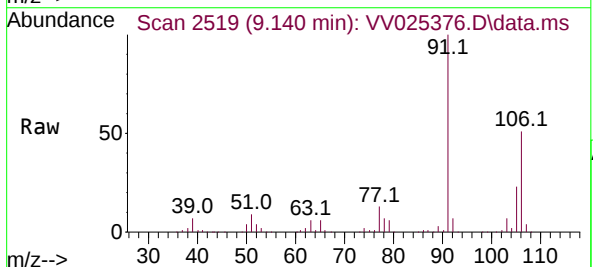
Acq: 06 Apr 2022 20:06

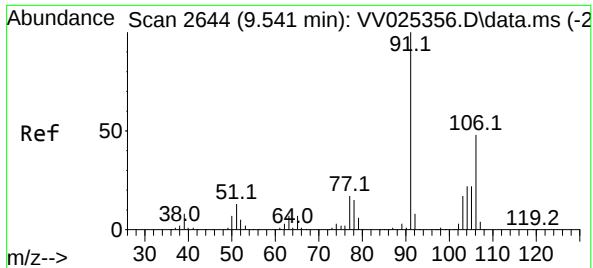
Tgt Ion: 106 Resp: 106756

Ion Ratio Lower Upper

106 100

91 194.7 136.8 254.0

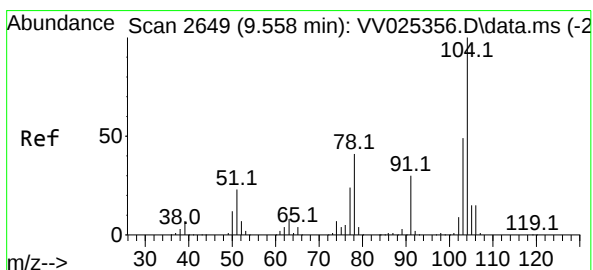
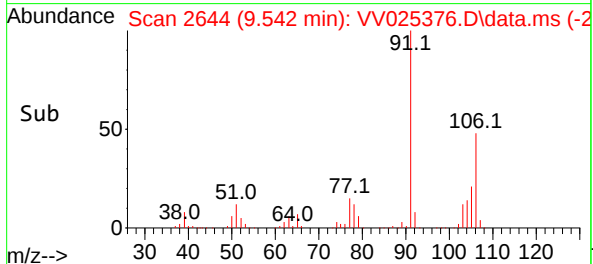
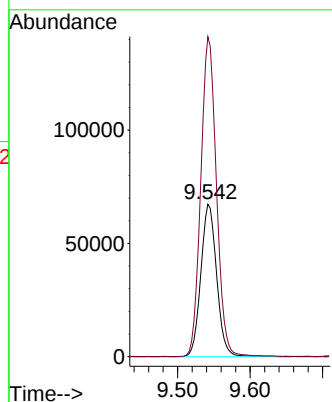
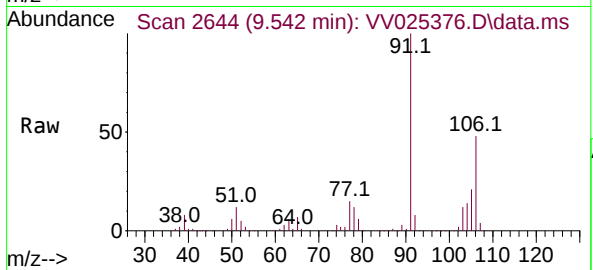




#54
o-Xylene
Concen: 5.190 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025376.D
Acq: 06 Apr 2022 20:06

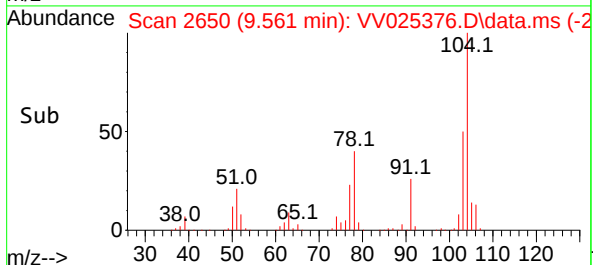
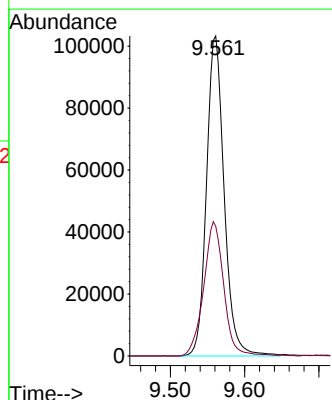
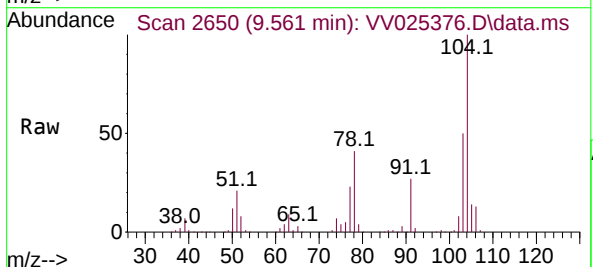
Instrument :
MSVOA_V
ClientSampleId :
VSTD005369

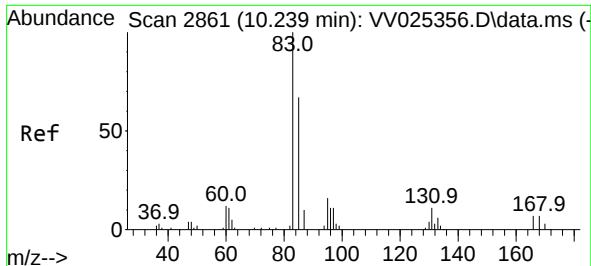
Tgt Ion:106 Resp: 101923
Ion Ratio Lower Upper
106 100
91 209.9 143.0 265.6



#55
Styrene
Concen: 5.272 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025376.D
Acq: 06 Apr 2022 20:06

Tgt Ion:104 Resp: 170258
Ion Ratio Lower Upper
104 100
78 40.6 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.024 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV025376.D

Acq: 06 Apr 2022 20:06

Instrument :

MSVOA_V

ClientSampleId :

VSTD005369

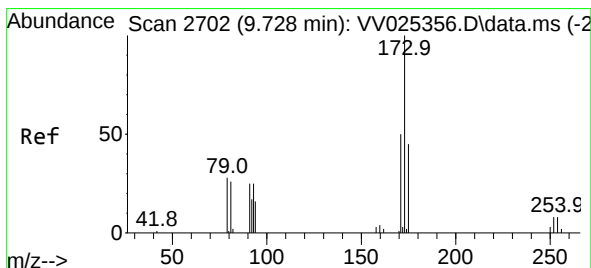
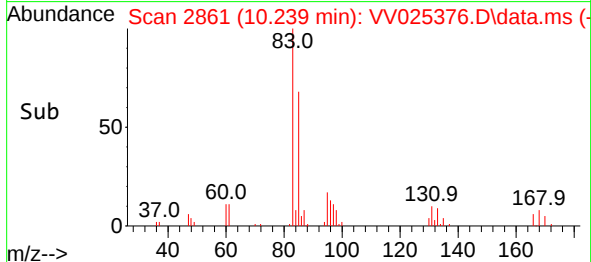
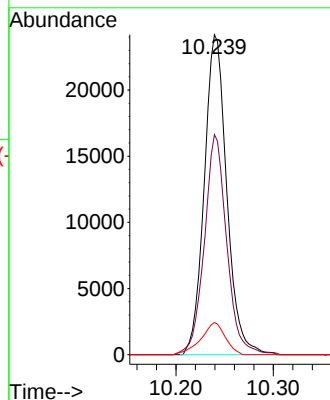
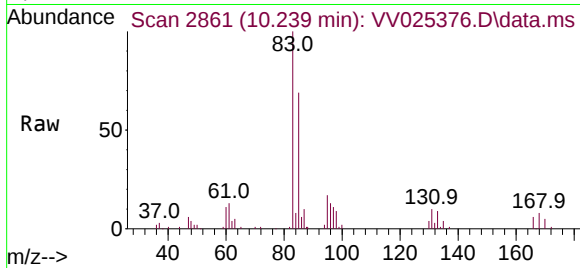
Tgt Ion: 83 Resp: 38807

Ion Ratio Lower Upper

83 100

85 68.7 46.2 85.8

131 10.0 8.1 12.1



#59

Bromoform

Concen: 5.280 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. 0.000 min

Lab File: VV025376.D

Acq: 06 Apr 2022 20:06

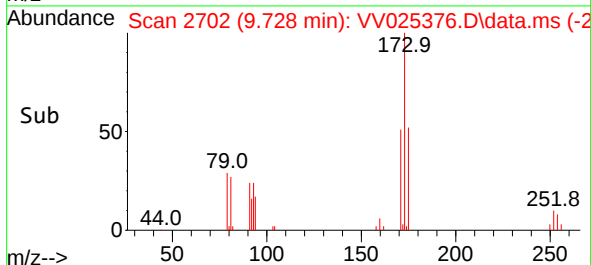
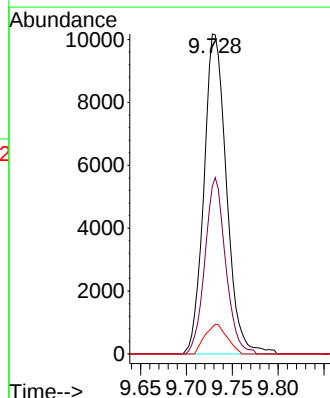
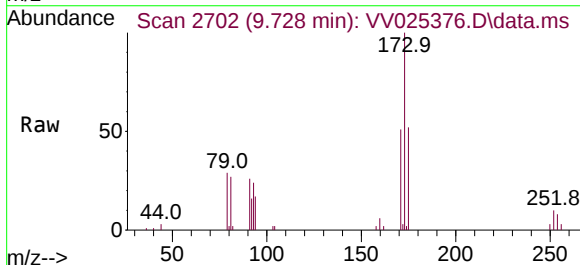
Tgt Ion: 173 Resp: 17463

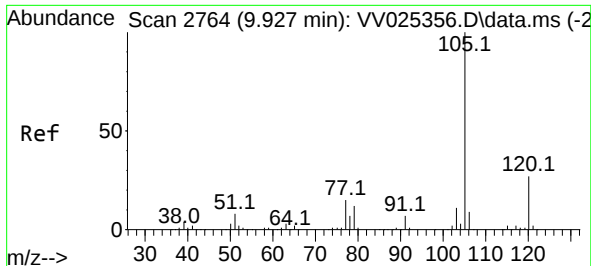
Ion Ratio Lower Upper

173 100

175 50.4 39.4 59.0

254 9.0 5.6 8.4

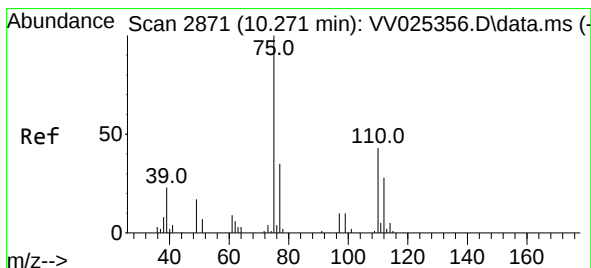
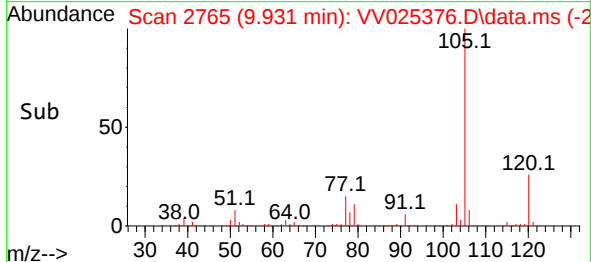
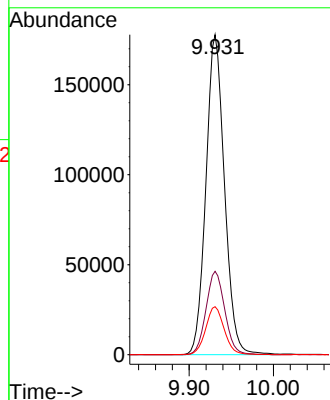
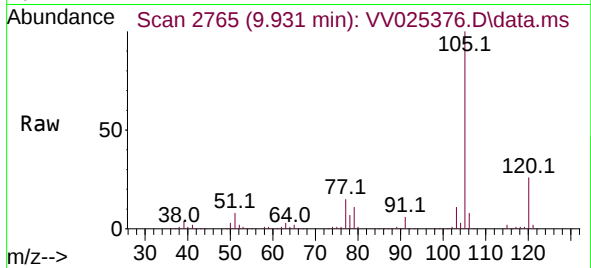




#60
Isopropylbenzene
Concen: 5.081 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025376.D
Acq: 06 Apr 2022 20:06

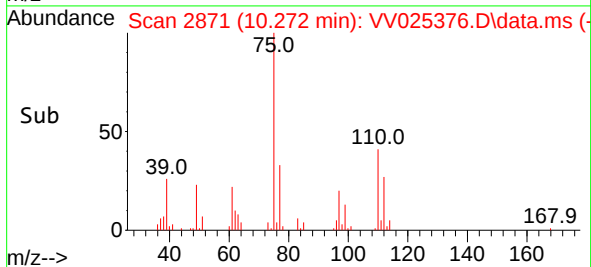
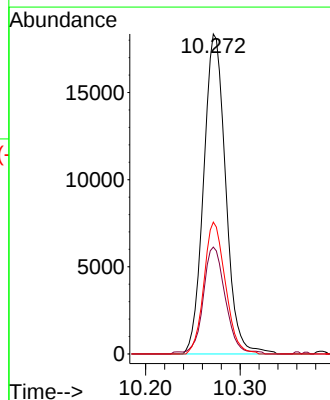
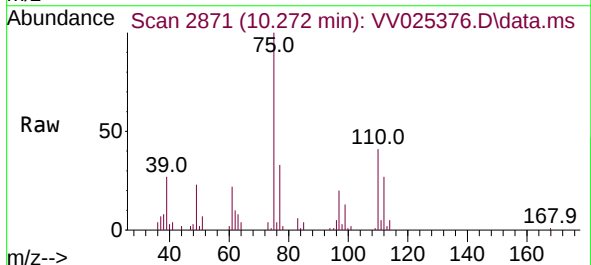
Instrument :
MSVOA_V
ClientSampleId :
VSTD005369

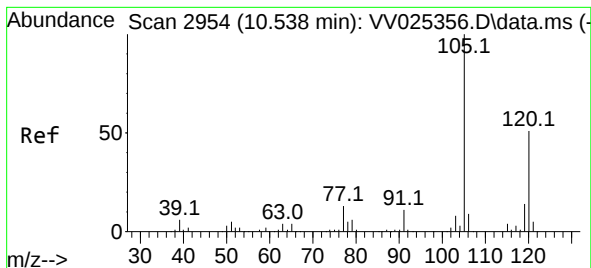
Tgt Ion:105 Resp: 272652
Ion Ratio Lower Upper
105 100
120 26.4 21.1 31.7
77 15.0 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 4.857 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025376.D
Acq: 06 Apr 2022 20:06

Tgt Ion: 75 Resp: 29737
Ion Ratio Lower Upper
75 100
77 33.6 25.8 38.6
110 40.0 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 4.852 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV025376.D

Acq: 06 Apr 2022 20:06

Instrument :

MSVOA_V

ClientSampleId :

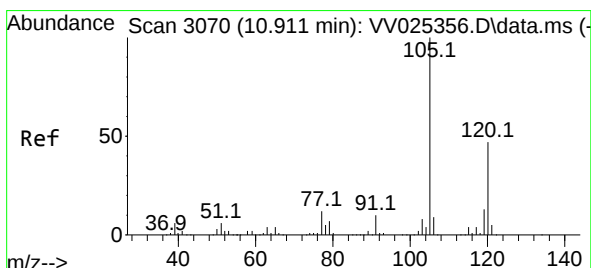
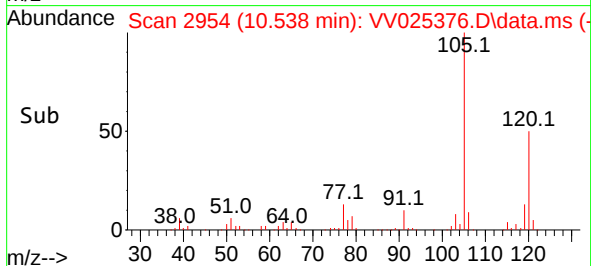
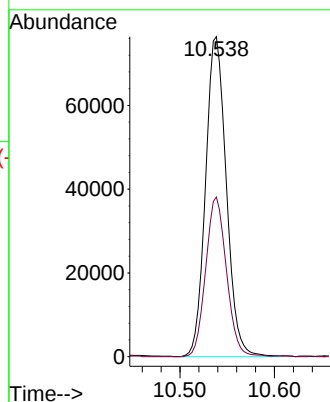
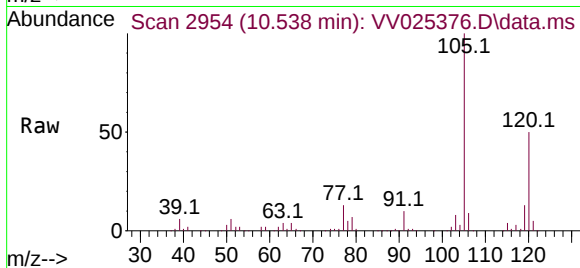
VSTD005369

Tgt Ion:105 Resp: 116745

Ion Ratio Lower Upper

105 100

120 49.8 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 5.019 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV025376.D

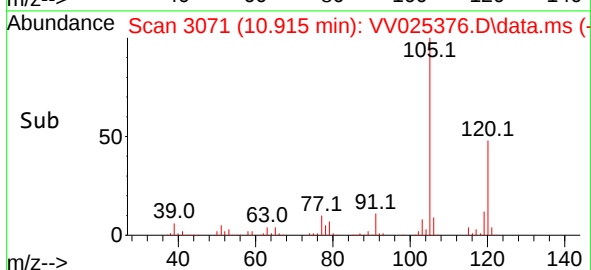
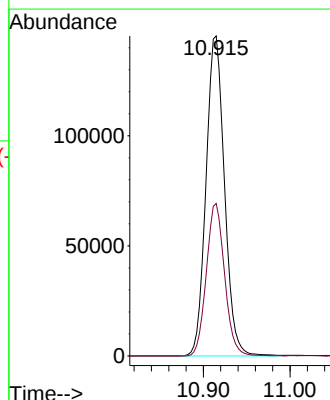
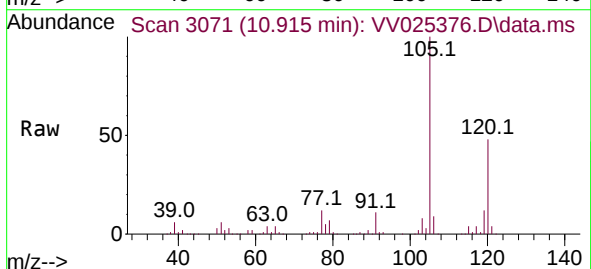
Acq: 06 Apr 2022 20:06

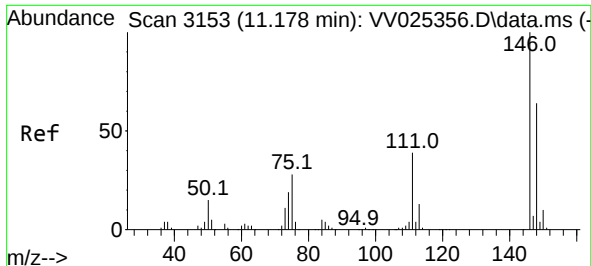
Tgt Ion:105 Resp: 215452

Ion Ratio Lower Upper

105 100

120 47.1 36.5 54.7

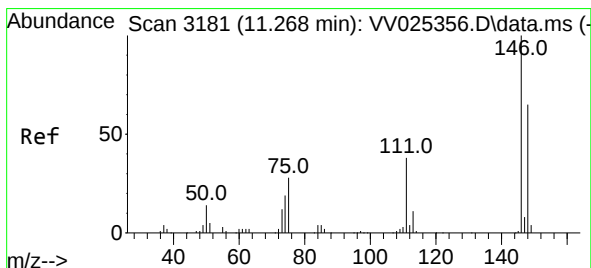
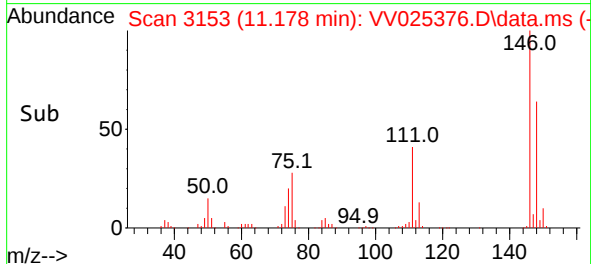
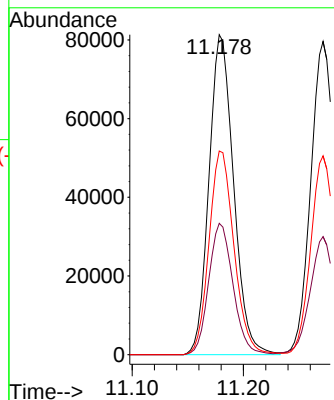
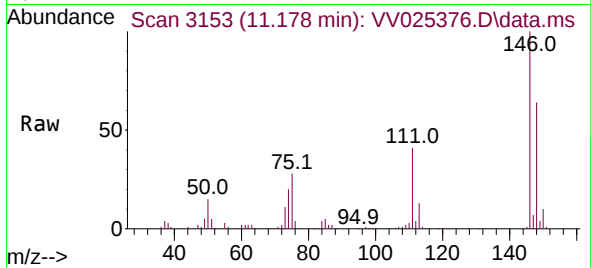




#64
1,3-Dichlorobenzene
Concen: 4.971 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025376.D
Acq: 06 Apr 2022 20:06

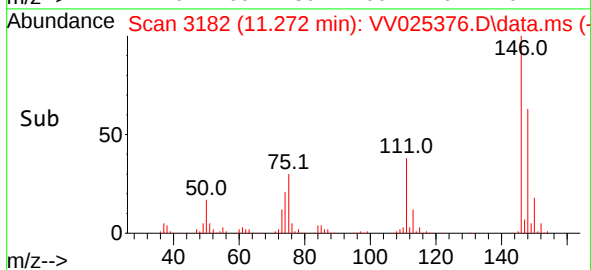
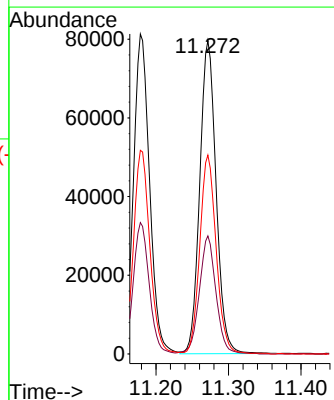
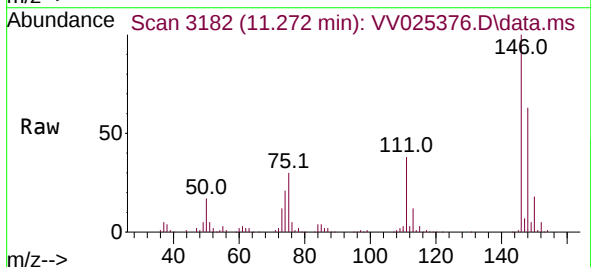
Instrument :
MSVOA_V
ClientSampleId :
VSTD005369

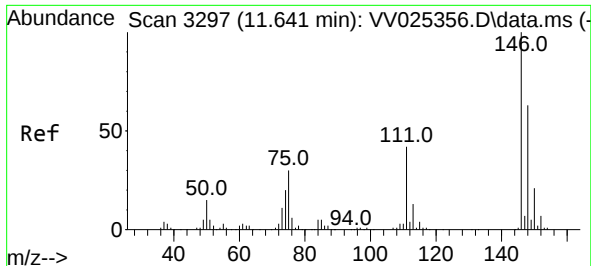
Tgt Ion:146 Resp: 124922
Ion Ratio Lower Upper
146 100
111 41.1 29.0 53.8
148 63.6 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 4.958 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025376.D
Acq: 06 Apr 2022 20:06

Tgt Ion:146 Resp: 124787
Ion Ratio Lower Upper
146 100
111 37.7 27.9 51.9
148 63.5 45.6 84.8

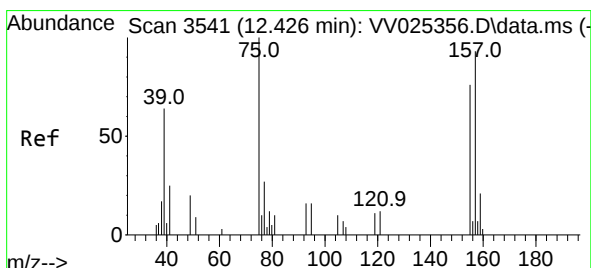
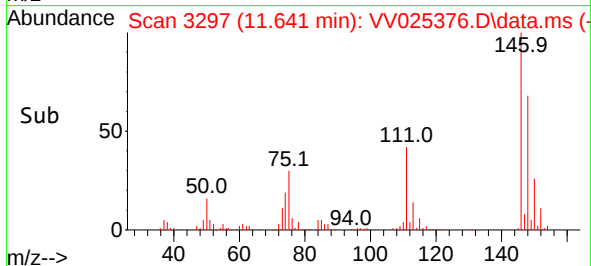
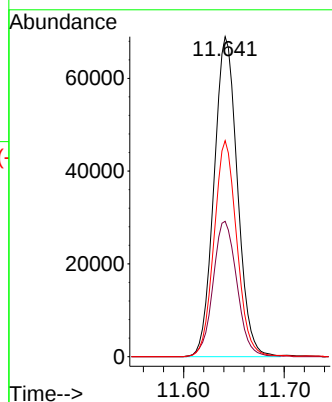
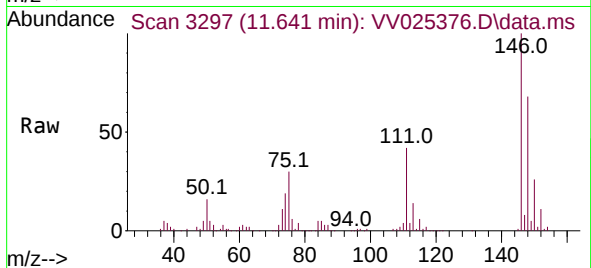




#67
1,2-Dichlorobenzene
Concen: 5.046 ug/L
RT: 11.641 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV025376.D
Acq: 06 Apr 2022 20:06

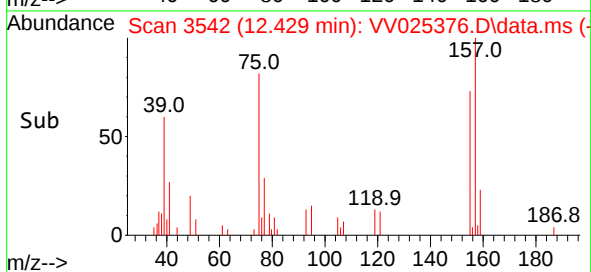
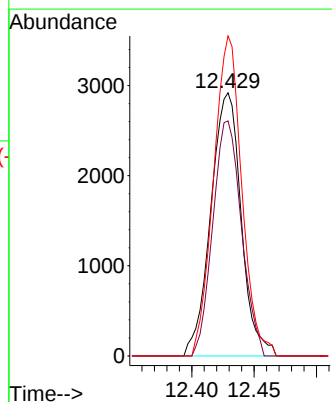
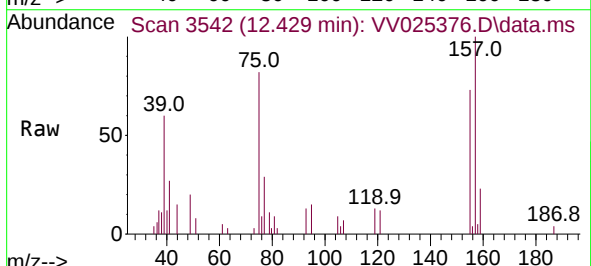
Instrument :
MSVOA_V
ClientSampleId :
VSTD005369

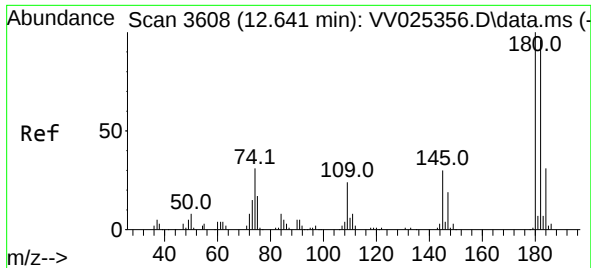
Tgt Ion:146 Resp: 111604
Ion Ratio Lower Upper
146 100
111 42.3 33.0 49.6
148 67.5 49.3 73.9



#68
1,2-Dibromo-3-chloropropane
Concen: 4.519 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV025376.D
Acq: 06 Apr 2022 20:06

Tgt Ion: 75 Resp: 4954
Ion Ratio Lower Upper
75 100
155 89.3 80.0 120.0
157 121.6 94.5 141.7

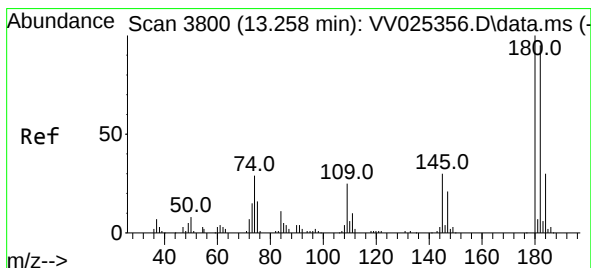
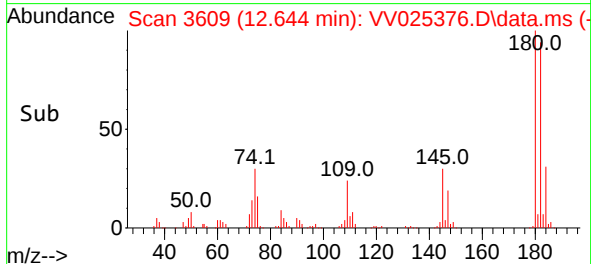
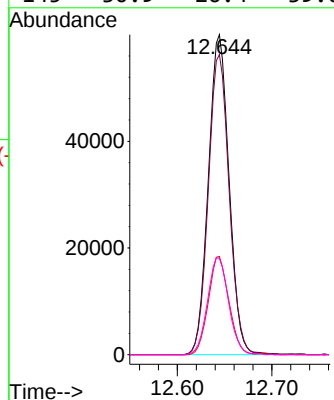
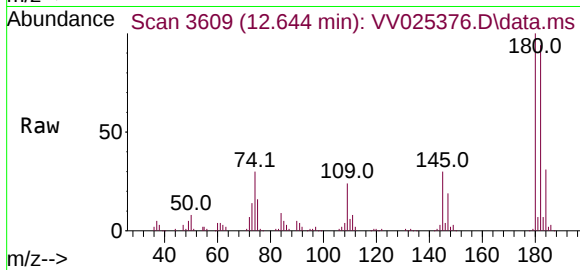




#69
 1,3,5-Trichlorobenzene
 Concen: 5.036 ug/L
 RT: 12.644 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV025376.D
 Acq: 06 Apr 2022 20:06

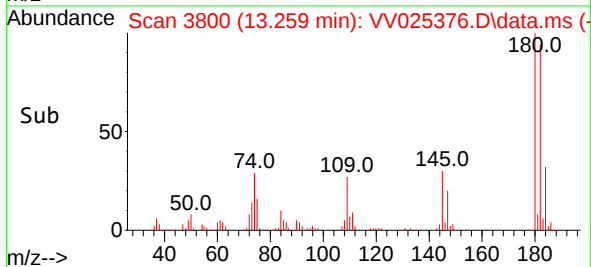
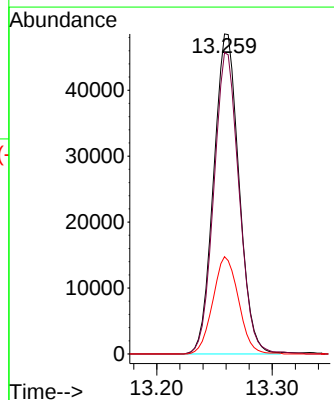
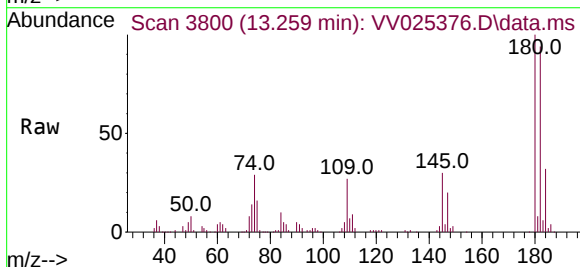
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005369

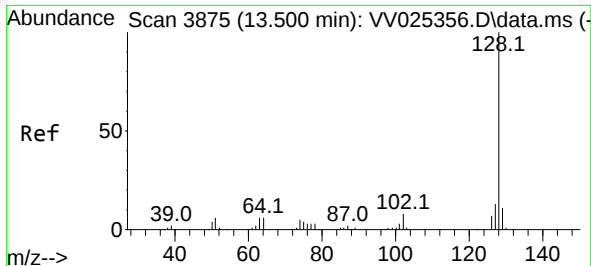
Tgt Ion:180	Resp:	91308
Ion Ratio	Lower	Upper
180	100	
182	94.5	77.1 115.7
184	30.3	23.6 35.4
145	30.9	26.4 39.6



#70
 1,2,4-trichlorobenzene
 Concen: 5.411 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV025376.D
 Acq: 06 Apr 2022 20:06

Tgt Ion:180	Resp:	74020
Ion Ratio	Lower	Upper
180	100	
182	93.9	77.5 116.3
145	30.8	26.2 39.4

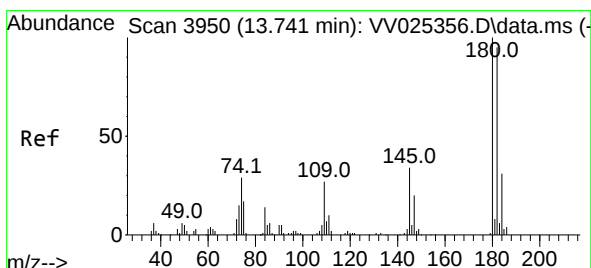
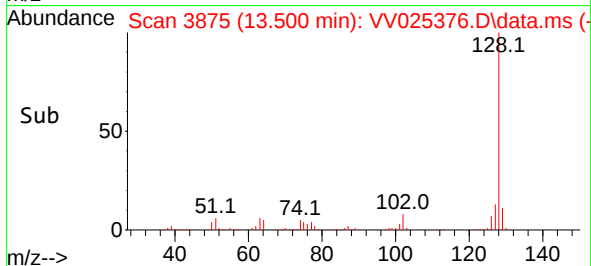
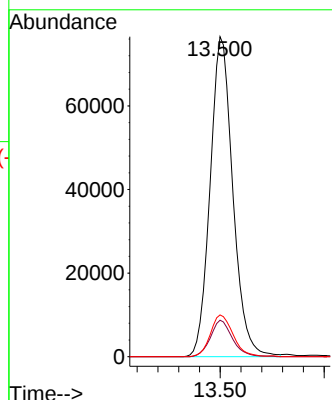
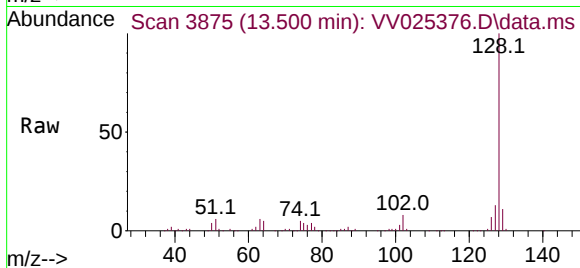




#71
Naphthalene
Concen: 5.452 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025376.D
Acq: 06 Apr 2022 20:06

Instrument :
MSVOA_V
ClientSampleId :
VSTD005369

Tgt Ion:128 Resp: 116219
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.0 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.562 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025376.D
Acq: 06 Apr 2022 20:06

Tgt Ion:180 Resp: 65548
Ion Ratio Lower Upper
180 100
182 95.0 75.8 113.6
145 32.8 28.6 42.8

