

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041522\
 Data File : VW025559.D
 Acq On : 15 Apr 2022 11:30
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005379

Quant Time: Apr 16 02:36:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 15 07:05:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	188781	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	186596	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	101847	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	66189	3.771	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.571	69	67265	3.603	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.000%
11) 1,1-Dichloroethene-d2	2.111	63	146471	4.166	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	3.892	46	111350	52.156	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.320%
24) Chloroform-d	4.346	84	119006	4.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.031	65	54968	4.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.047	84	227414	4.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.066	67	66862	4.441	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.314	98	209108	4.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	7.622	79	21470	4.242	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.085	63	81858	46.086	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.180%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	42050	4.420	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	69175	4.051	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	77407	4.539	ug/L	100
3) Chloromethane	1.246	50	94057	5.076	ug/L	99
5) Vinyl chloride	1.314	62	100216	4.786	ug/L	100
6) Bromomethane	1.526	94	61257	4.057	ug/L	97
8) Chloroethane	1.590	64	75301	4.659	ug/L	100
9) Trichlorofluoromethane	1.754	101	175777	5.976	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	81023	4.903	ug/L	99
12) 1,1-Dichloroethene	2.121	96	77589	4.739	ug/L	83
13) Acetone	2.188	43	72558	50.072	ug/L	97
14) Carbon disulfide	2.298	76	166846	4.257	ug/L	100
15) Methyl Acetate	2.439	43	17711	5.499	ug/L #	85
16) Methylene chloride	2.507	84	71215	4.486	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	115047	4.541	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	62982	4.590	ug/L	98
19) 1,1-Dichloroethane	3.192	63	115351	4.964	ug/L	98
21) 2-Butanone	3.976	43	105557	52.718	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	66291	4.589	ug/L	91
23) Bromochloromethane	4.249	128	27395	4.568	ug/L	94
25) Chloroform	4.375	83	123706	5.043	ug/L	97

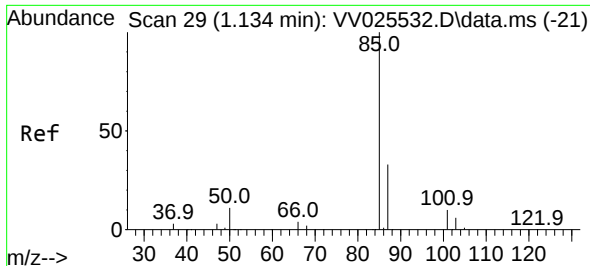
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041522\
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Quant Time: Apr 16 02:36:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 15 07:05:00 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	63910	4.938	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	107801	4.898	ug/L	98
30) Cyclohexane	4.674	56	90436	4.520	ug/L	99
31) Carbon tetrachloride	4.825	117	92442	4.967	ug/L	99
33) Benzene	5.098	78	264074	4.791	ug/L	100
34) Trichloroethene	5.912	95	69177	4.727	ug/L	99
35) Methylcyclohexane	6.127	83	105748	4.528	ug/L	97
37) 1,2-Dichloropropane	6.172	63	62152	4.874	ug/L	99
38) Bromodichloromethane	6.506	83	76832	4.853	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	79440	4.754	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	265138	51.929	ug/L	97
42) Toluene	7.384	91	289726	4.832	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	63909	4.923	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	40954	4.796	ug/L	98
47) Tetrachloroethene	7.973	164	51498	4.495	ug/L	97
48) 2-Hexanone	8.137	43	198600	55.815	ug/L	95
49) Dibromochloromethane	8.243	129	45870	4.893	ug/L	100
50) 1,2-Dibromoethane	8.352	107	36741	4.581	ug/L	100
51) Chlorobenzene	8.879	112	176790	4.618	ug/L	98
52) Ethylbenzene	9.011	91	298050	4.661	ug/L	99
53) m,p-Xylene	9.137	106	117956	4.851	ug/L	98
54) o-Xylene	9.542	106	111845	4.736	ug/L	97
55) Styrene	9.558	104	190349	4.957	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.239	83	38726	4.539	ug/L	97
59) Bromoform	9.728	173	19543	4.649	ug/L	97
60) Isopropylbenzene	9.928	105	297043	4.712	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	32092	4.784	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	128543	4.573	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	242275	4.783	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	136039	4.623	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	135155	4.524	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	118699	4.555	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5244	4.522	ug/L	90
69) 1,3,5-Trichlorobenzene	12.641	180	95376	4.260	ug/L	97
70) 1,2,4-trichlorobenzene	13.259	180	69997	4.056	ug/L	99
71) Naphthalene	13.500	128	103104	4.072	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	59781	4.183	ug/L	98

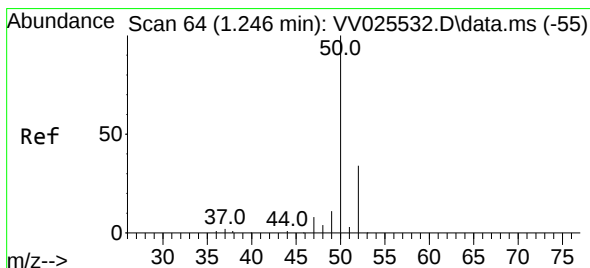
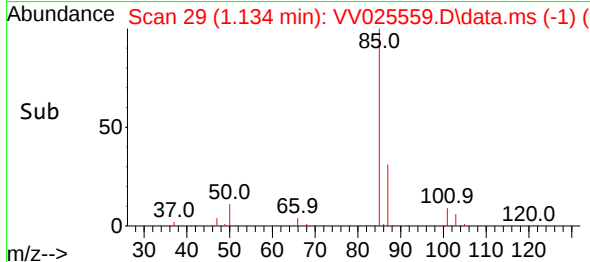
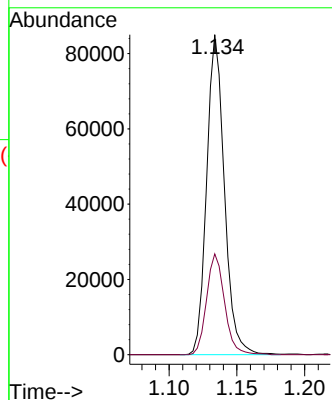
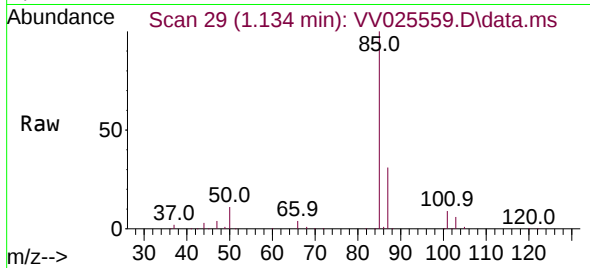
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.539 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VV025559.D
 Acq: 15 Apr 2022 11:30

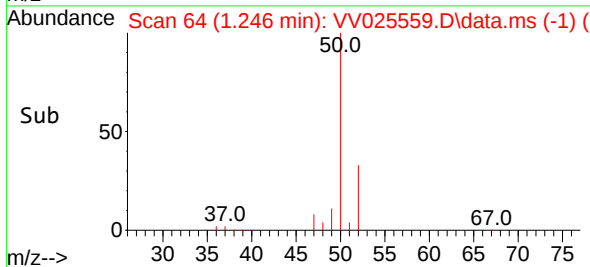
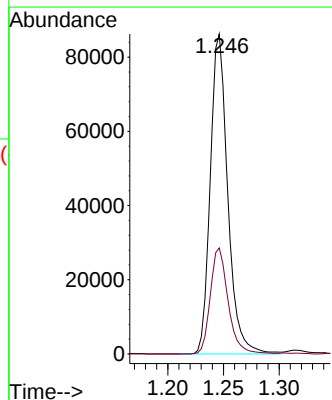
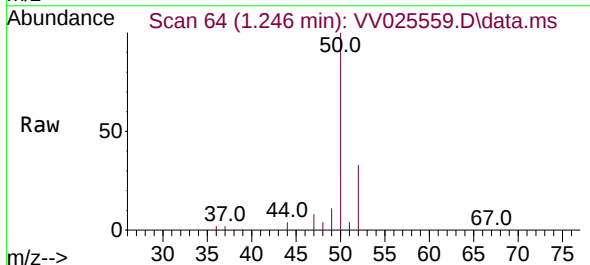
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005379

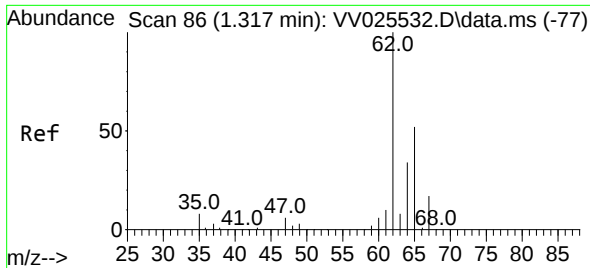
Tgt Ion: 85 Resp: 77407
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.6 38.4



#3
 Chloromethane
 Concen: 5.076 ug/L
 RT: 1.246 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: VV025559.D
 Acq: 15 Apr 2022 11:30

Tgt Ion: 50 Resp: 94057
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.7 43.9

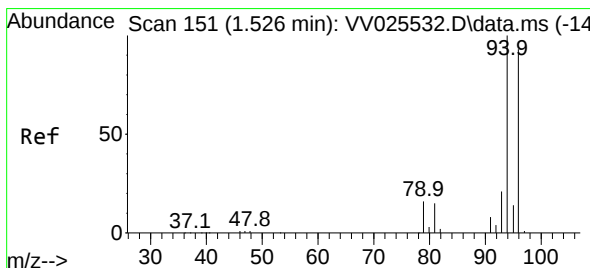
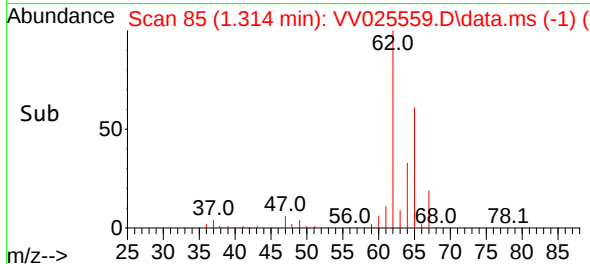
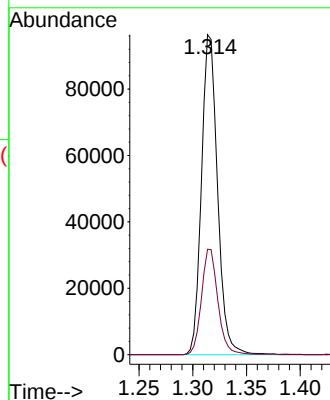
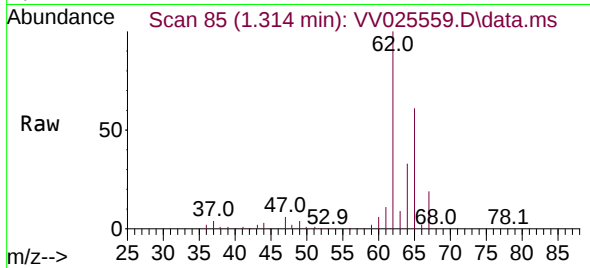




#5
 Vinyl chloride
 Concen: 4.786 ug/L
 RT: 1.314 min Scan# 86
 Delta R.T. -0.003 min
 Lab File: VV025559.D
 Acq: 15 Apr 2022 11:30

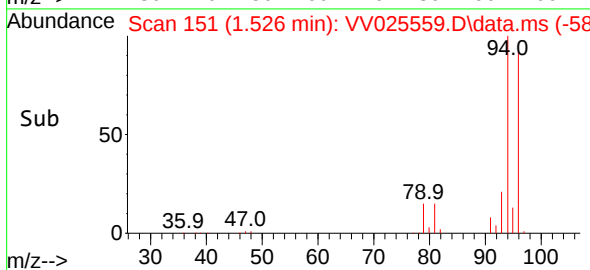
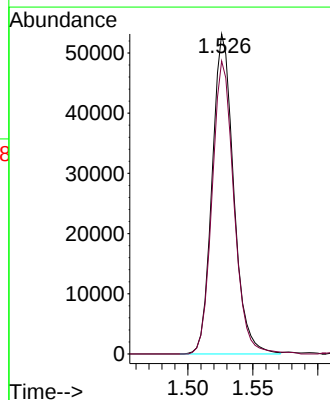
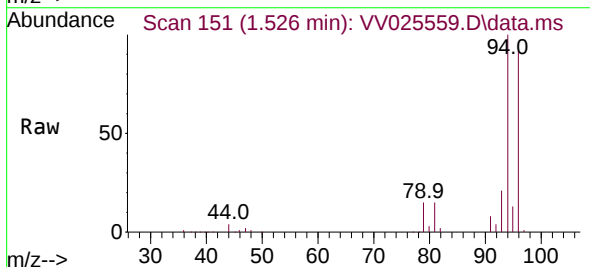
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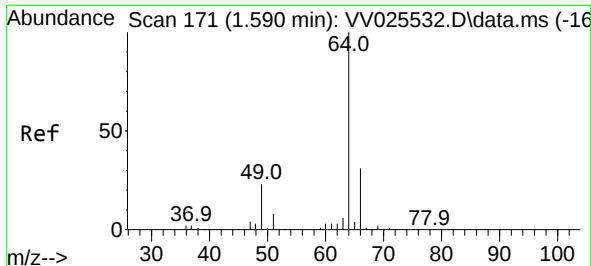
Tgt Ion: 62 Resp: 100216
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.2 43.2



#6
 Bromomethane
 Concen: 4.057 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.000 min
 Lab File: VV025559.D
 Acq: 15 Apr 2022 11:30

Tgt Ion: 94 Resp: 61257
 Ion Ratio Lower Upper
 94 100
 96 91.6 66.1 122.7

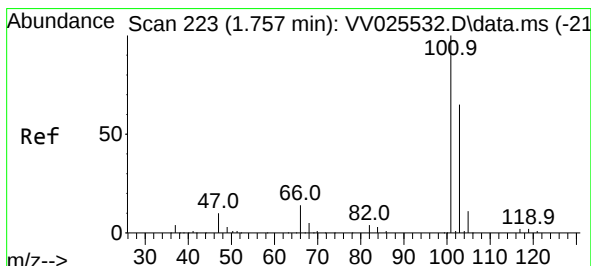
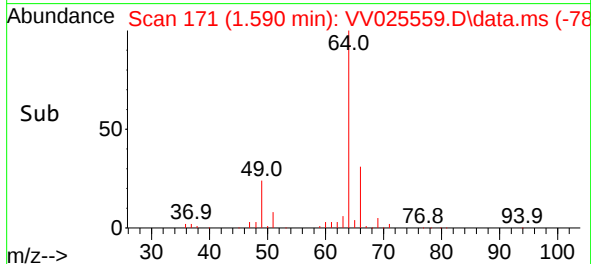
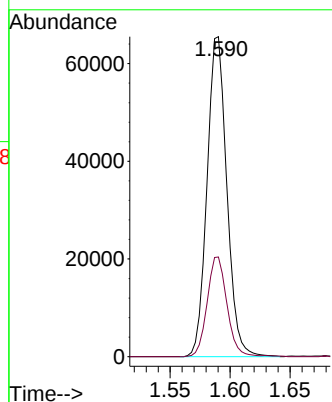
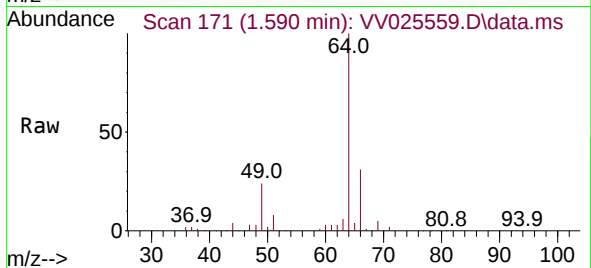




#8
Chloroethane
Concen: 4.659 ug/L
RT: 1.590 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025559.D
Acq: 15 Apr 2022 11:30

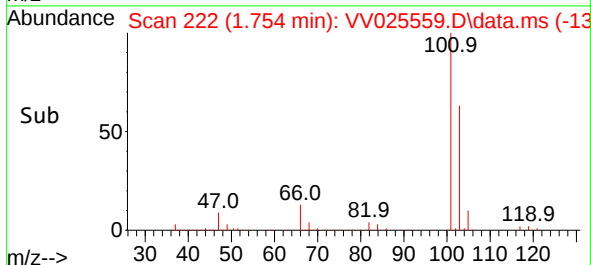
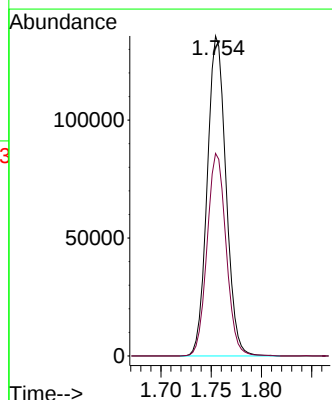
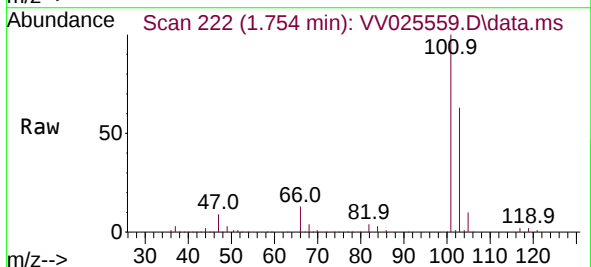
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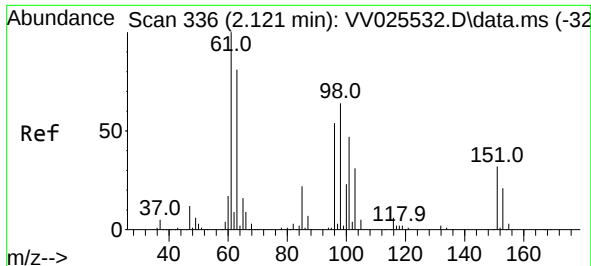
Tgt Ion: 64 Resp: 75301
Ion Ratio Lower Upper
64 100
66 31.2 21.8 40.6



#9
Trichlorofluoromethane
Concen: 5.976 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.003 min
Lab File: VV025559.D
Acq: 15 Apr 2022 11:30

Tgt Ion:101 Resp: 175777
Ion Ratio Lower Upper
101 100
103 64.3 51.9 77.9

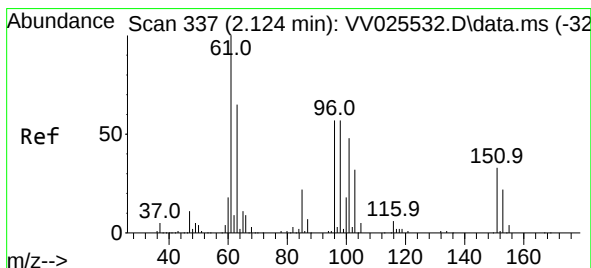
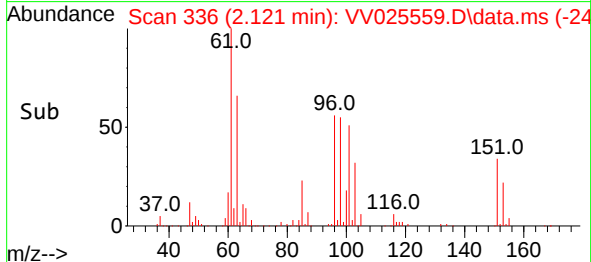
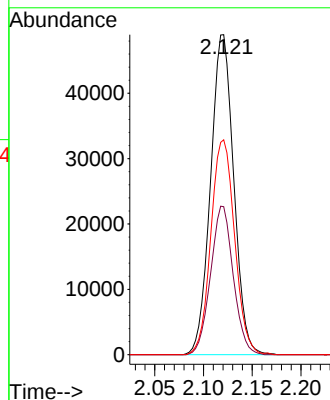
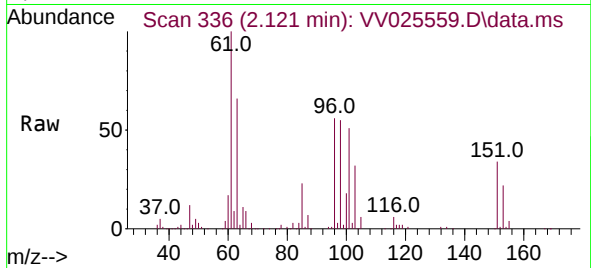




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.903 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV025559.D
 Acq: 15 Apr 2022 11:30

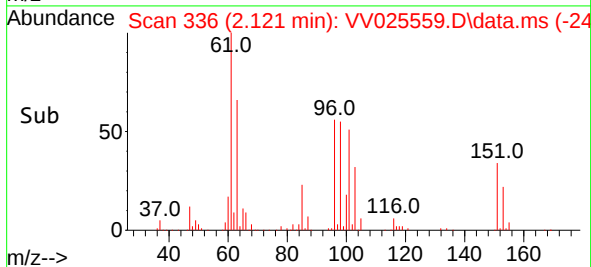
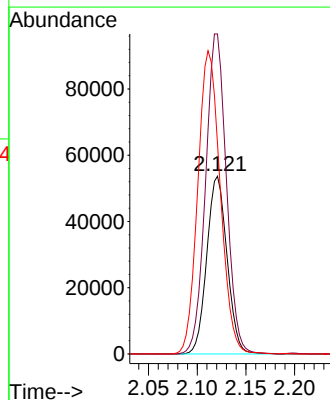
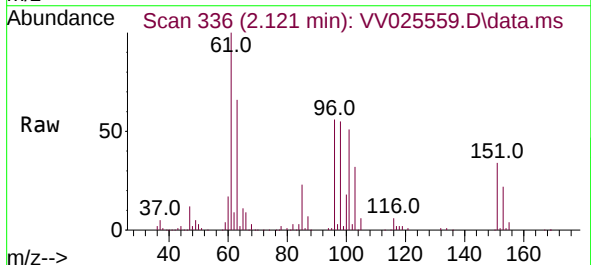
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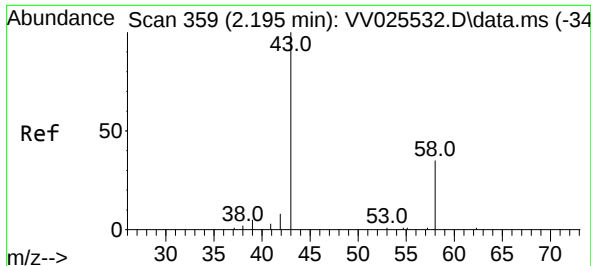
Tgt Ion:101 Resp: 81023
 Ion Ratio Lower Upper
 101 100
 85 45.4 35.9 53.9
 151 68.8 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 4.739 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.003 min
 Lab File: VV025559.D
 Acq: 15 Apr 2022 11:30

Tgt Ion: 96 Resp: 77589
 Ion Ratio Lower Upper
 96 100
 61 180.0 125.2 232.4
 63 118.4 114.4 212.4





#13

Acetone

Concen: 50.072 ug/L

RT: 2.188 min Scan# 357

Delta R.T. -0.006 min

Lab File: VV025559.D

Acq: 15 Apr 2022 11:30

Instrument :

MSVOA_V

ClientSampleId :

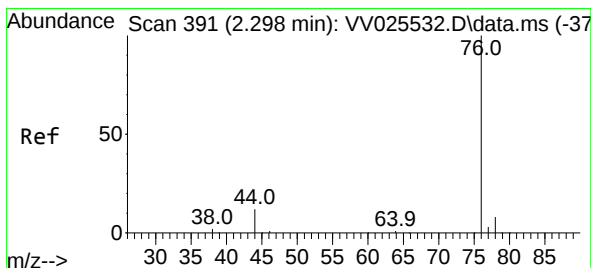
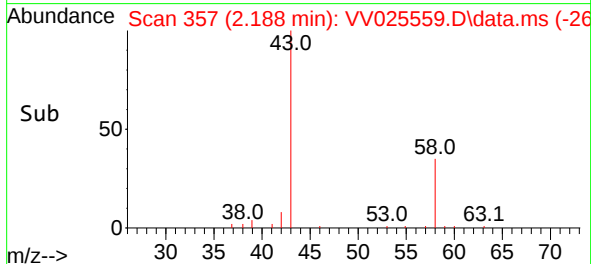
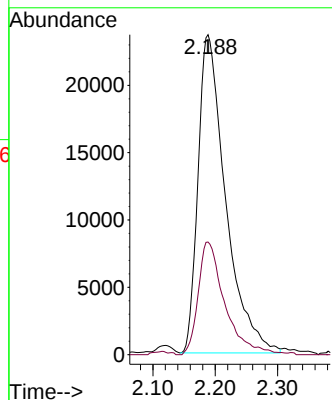
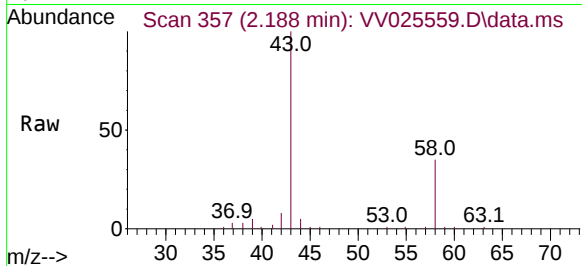
VSTD005379

Tgt Ion: 43 Resp: 72558

Ion Ratio Lower Upper

43 100

58 34.2 0.0 72.2



#14

Carbon disulfide

Concen: 4.257 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.000 min

Lab File: VV025559.D

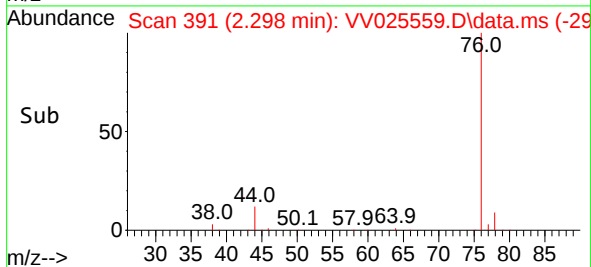
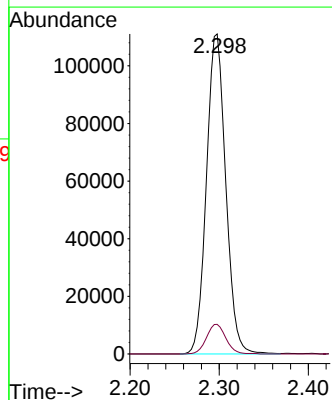
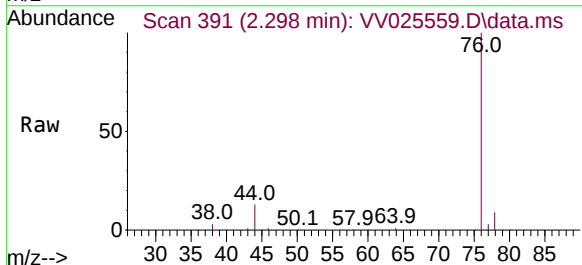
Acq: 15 Apr 2022 11:30

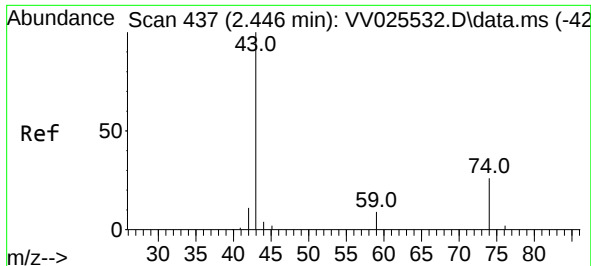
Tgt Ion: 76 Resp: 166846

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

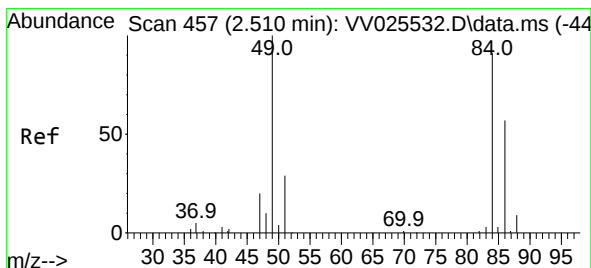
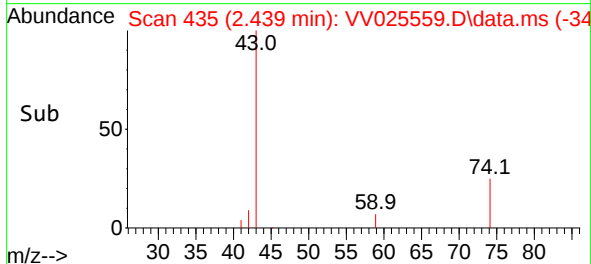
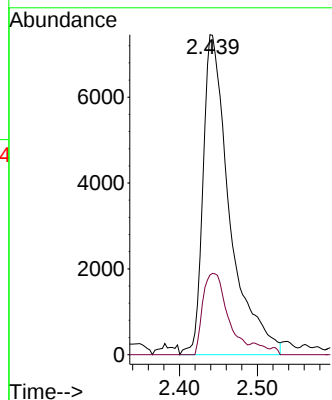
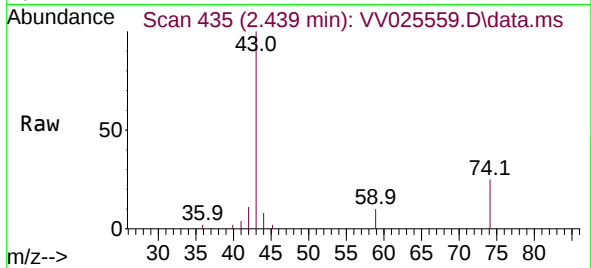




#15
Methyl Acetate
Concen: 5.499 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV025559.D
Acq: 15 Apr 2022 11:30

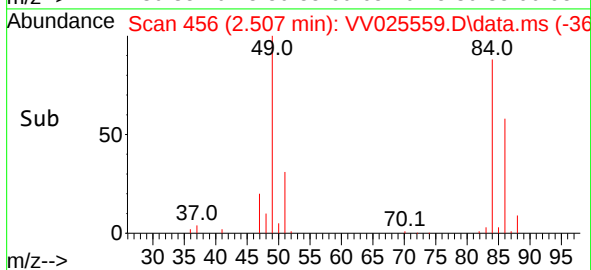
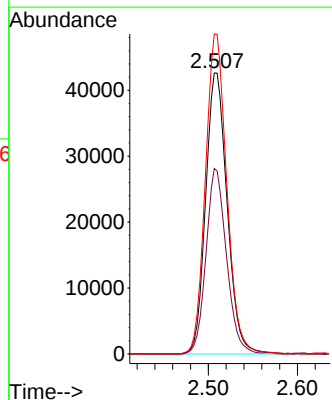
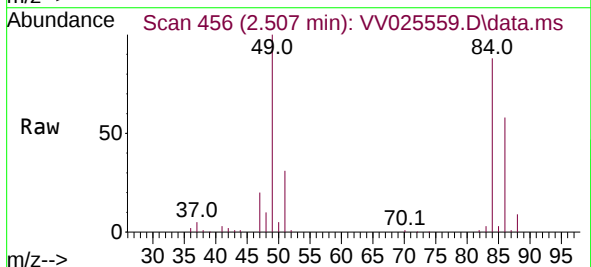
Instrument :
MSVOA_V
ClientSampleId :
VSTD005379

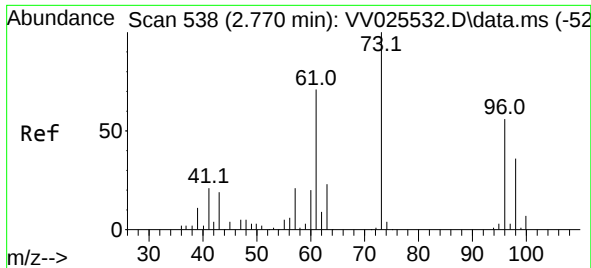
Tgt Ion: 43 Resp: 17711
Ion Ratio Lower Upper
43 100
74 23.5 25.2 37.8#



#16
Methylene chloride
Concen: 4.486 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV025559.D
Acq: 15 Apr 2022 11:30

Tgt Ion: 84 Resp: 71215
Ion Ratio Lower Upper
84 100
86 66.0 45.9 85.3
49 113.9 76.6 142.3

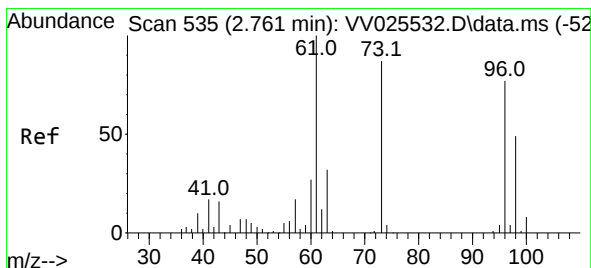
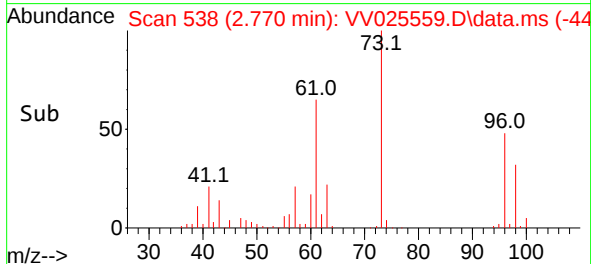
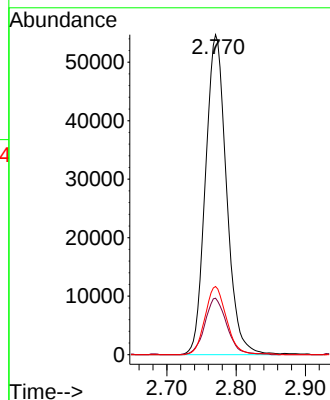
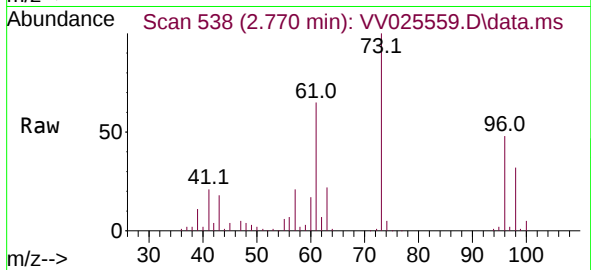




#17
Methyl tert-butyl Ether
Concen: 4.541 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025559.D
Acq: 15 Apr 2022 11:30

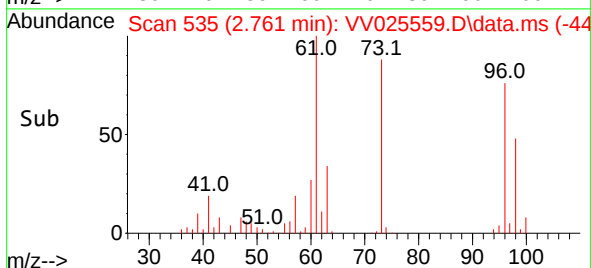
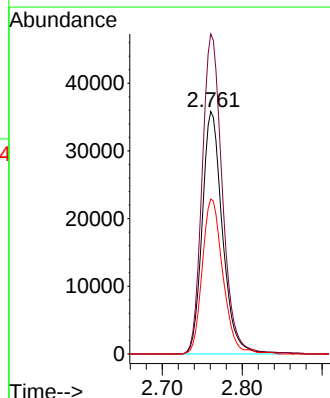
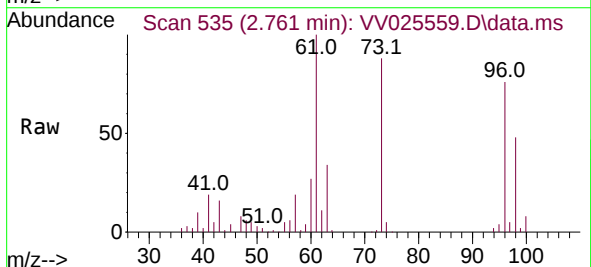
Instrument :
MSVOA_V
ClientSampleId :
VSTD005379

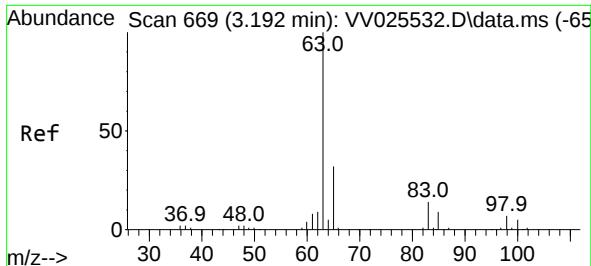
Tgt Ion: 73 Resp: 115047
Ion Ratio Lower Upper
73 100
43 18.4 14.2 21.4
57 21.7 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 4.590 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV025559.D
Acq: 15 Apr 2022 11:30

Tgt Ion: 96 Resp: 62982
Ion Ratio Lower Upper
96 100
61 132.0 92.1 171.1
98 63.9 47.5 88.1





#19

1,1-Dichloroethane

Concen: 4.964 ug/L

RT: 3.192 min Scan# 669

Delta R.T. 0.000 min

Lab File: VV025559.D

Acq: 15 Apr 2022 11:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD005379

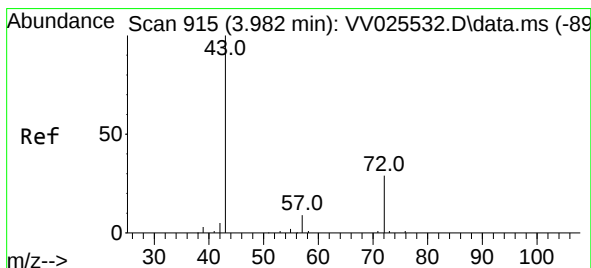
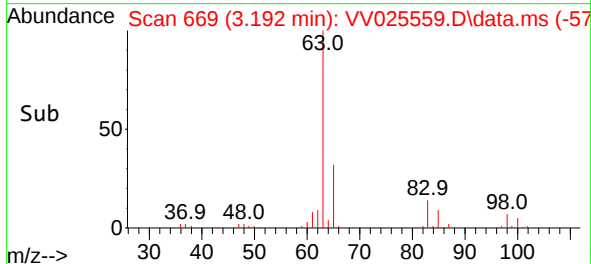
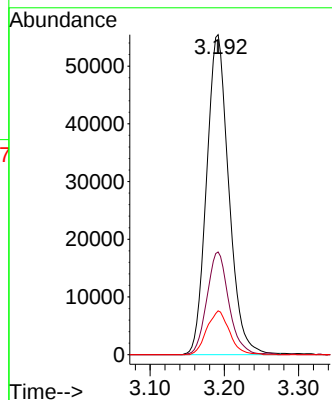
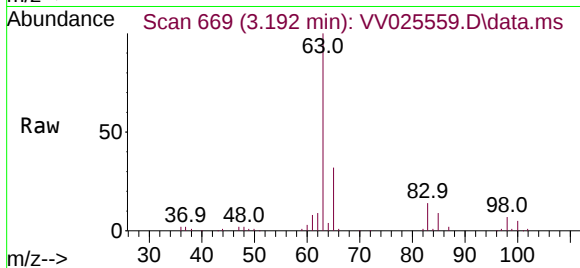
Tgt Ion: 63 Resp: 115351

Ion Ratio Lower Upper

63 100

65 32.1 23.2 43.0

83 13.7 9.0 16.8



#21

2-Butanone

Concen: 52.718 ug/L

RT: 3.976 min Scan# 913

Delta R.T. -0.006 min

Lab File: VV025559.D

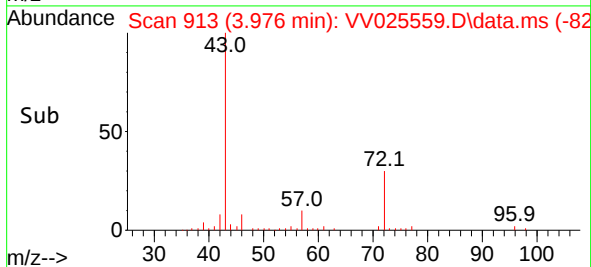
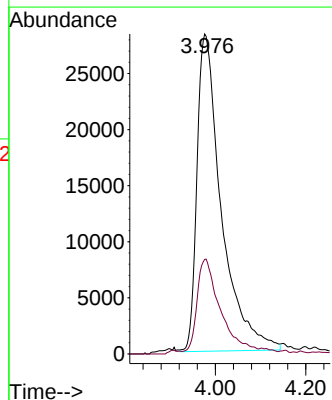
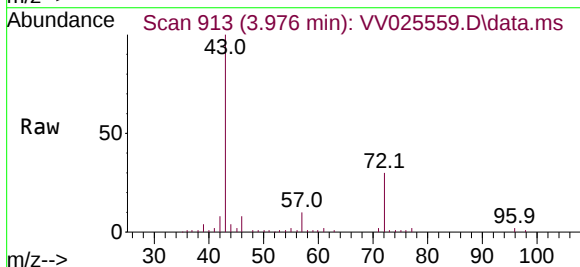
Acq: 15 Apr 2022 11:30

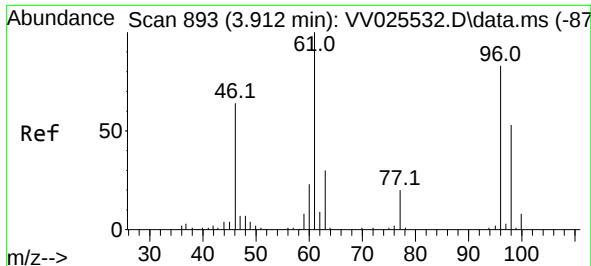
Tgt Ion: 43 Resp: 105557

Ion Ratio Lower Upper

43 100

72 28.1 15.2 45.6





#22

cis-1,2-Dichloroethene

Concen: 4.589 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.000 min

Lab File: VV025559.D

Acq: 15 Apr 2022 11:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD005379

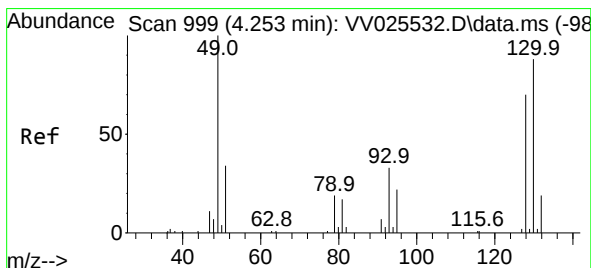
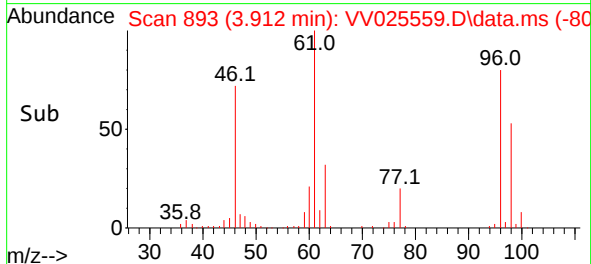
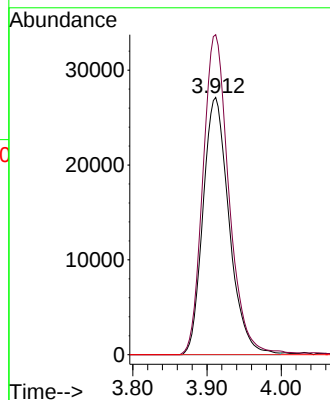
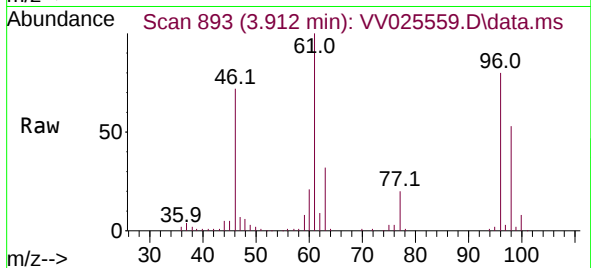
Tgt Ion: 96 Resp: 66291

Ion Ratio Lower Upper

96 100

61 124.4 80.0 148.6

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.568 ug/L

RT: 4.249 min Scan# 998

Delta R.T. -0.003 min

Lab File: VV025559.D

Acq: 15 Apr 2022 11:30

Tgt Ion:128 Resp: 27395

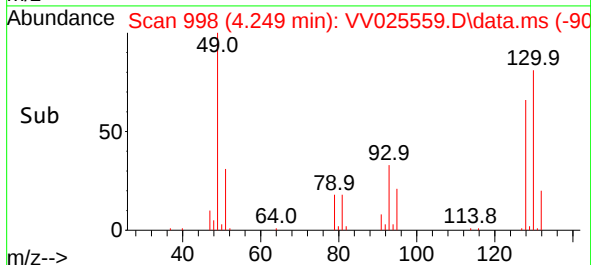
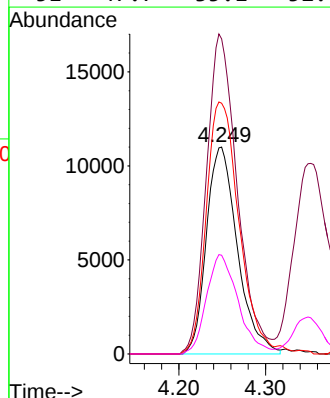
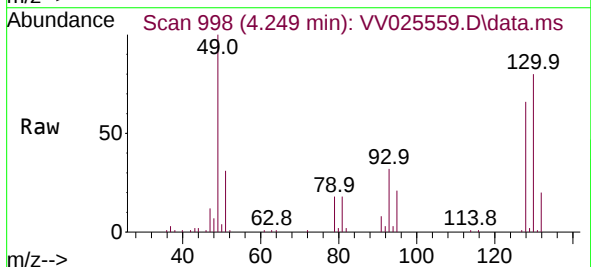
Ion Ratio Lower Upper

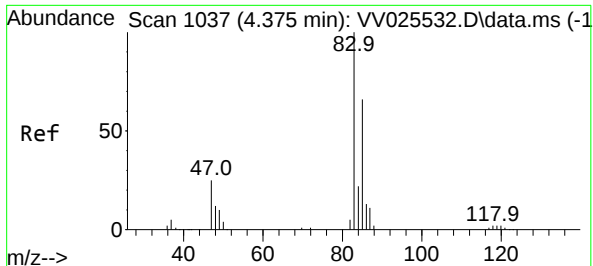
128 100

49 152.3 100.5 186.7

130 121.2 87.8 163.0

51 47.7 35.1 52.7





#25

Chloroform

Concen: 5.043 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV025559.D

Acq: 15 Apr 2022 11:30

Instrument :

MSVOA_V

ClientSampleId :

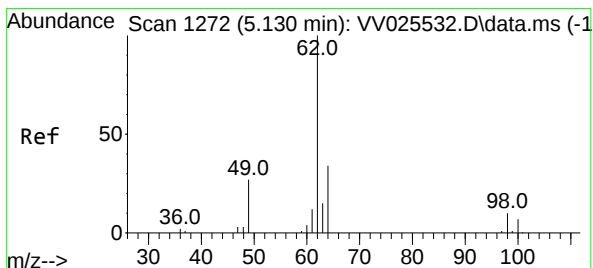
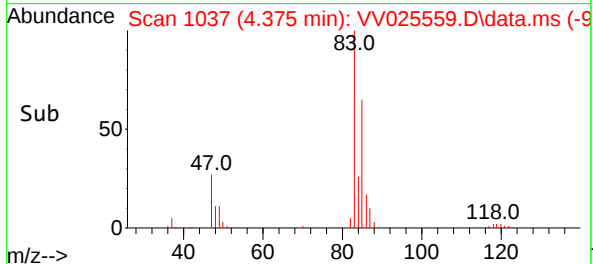
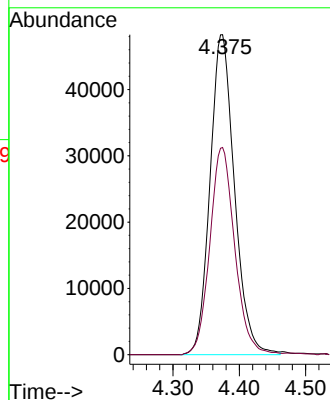
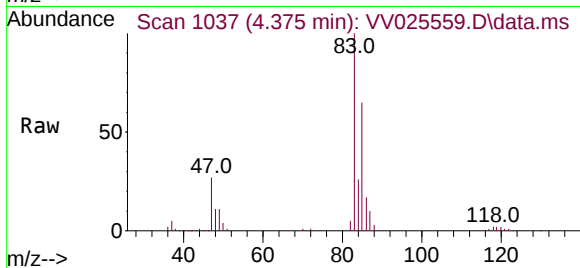
VSTD005379

Tgt Ion: 83 Resp: 123706

Ion Ratio Lower Upper

83 100

85 64.8 43.5 80.7



#27

1,2-Dichloroethane

Concen: 4.938 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV025559.D

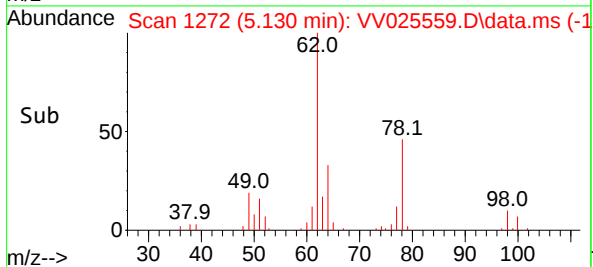
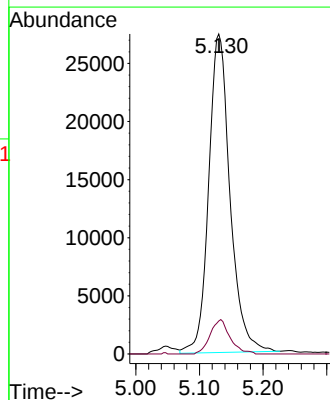
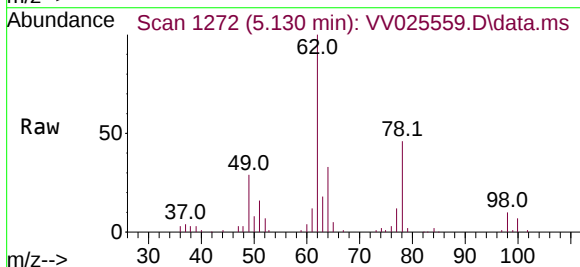
Acq: 15 Apr 2022 11:30

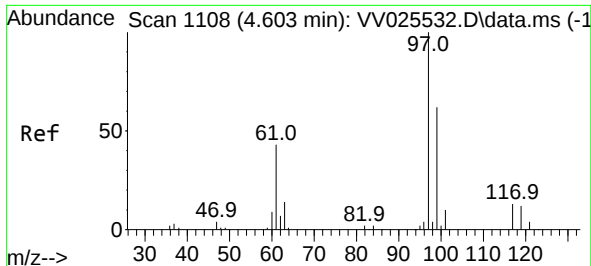
Tgt Ion: 62 Resp: 63910

Ion Ratio Lower Upper

62 100

98 10.3 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 4.898 ug/L

RT: 4.606 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV025559.D

Acq: 15 Apr 2022 11:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD005379

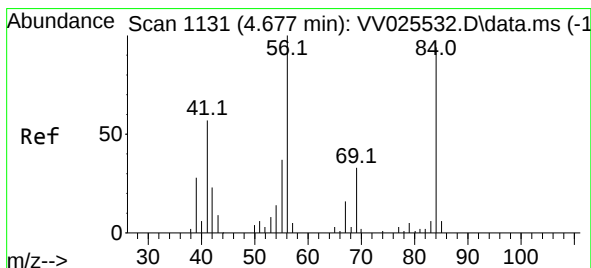
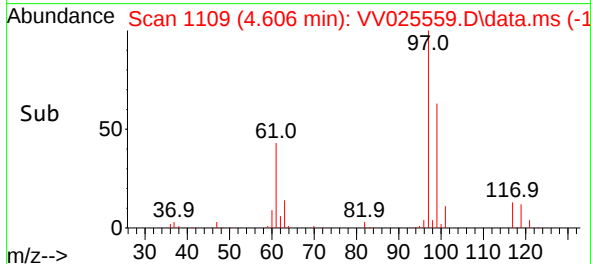
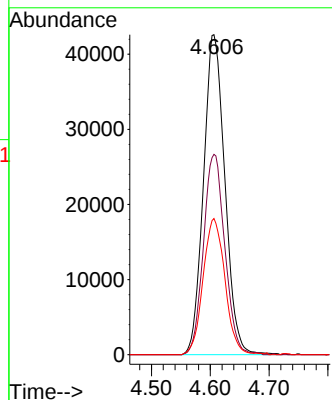
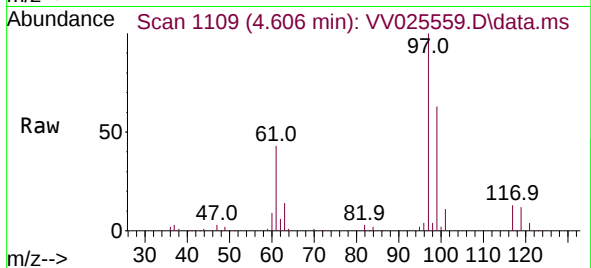
Tgt Ion: 97 Resp: 107801

Ion Ratio Lower Upper

97 100

99 62.3 51.5 77.3

61 43.6 34.3 51.5



#30

Cyclohexane

Concen: 4.520 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VV025559.D

Acq: 15 Apr 2022 11:30

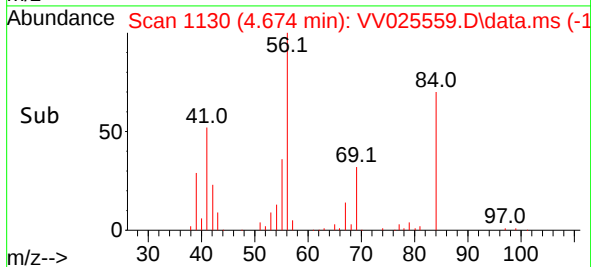
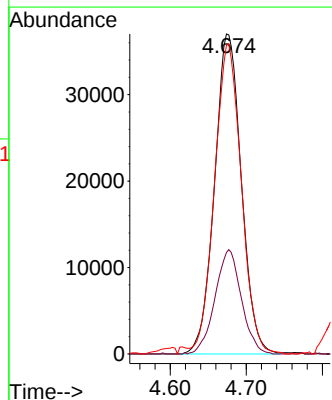
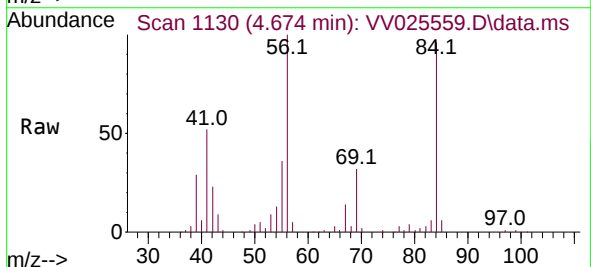
Tgt Ion: 56 Resp: 90436

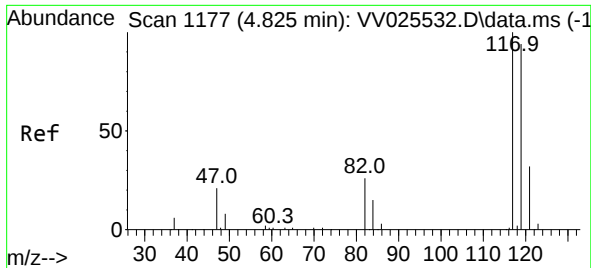
Ion Ratio Lower Upper

56 100

69 32.1 26.1 39.1

84 97.3 78.6 118.0

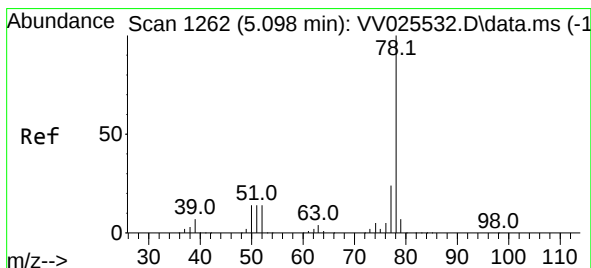
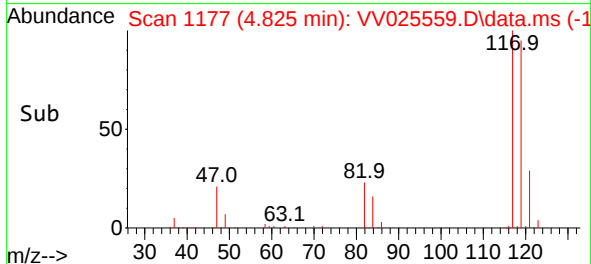
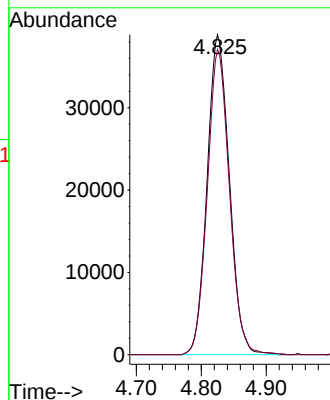
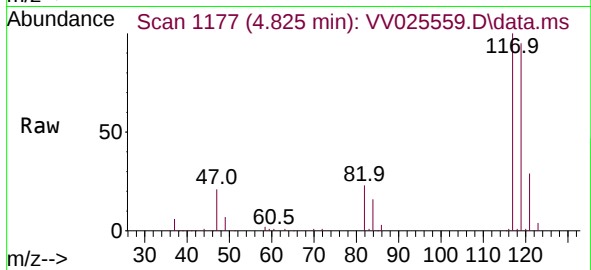




#31
Carbon tetrachloride
Concen: 4.967 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV025559.D
Acq: 15 Apr 2022 11:30

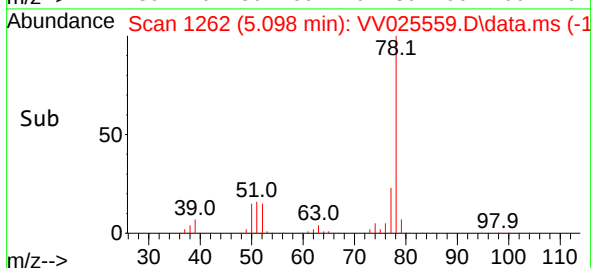
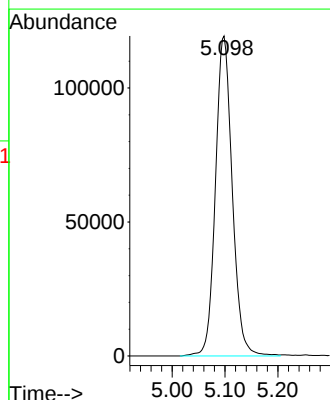
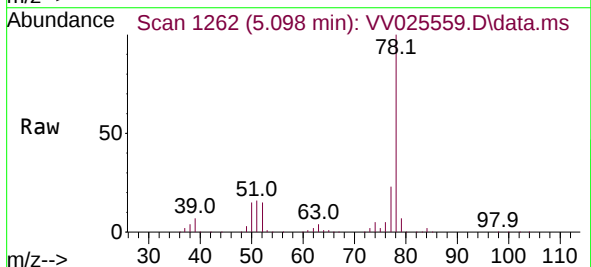
Instrument :
MSVOA_V
ClientSampleId :
VSTD005379

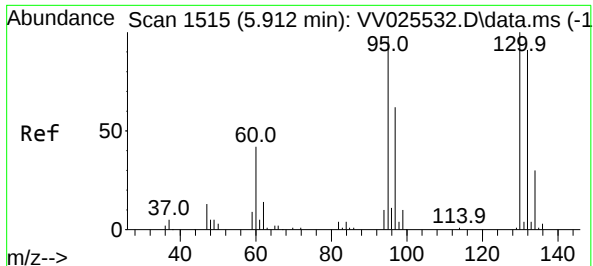
Tgt Ion:117 Resp: 92442
Ion Ratio Lower Upper
117 100
119 95.1 76.6 114.8



#33
Benzene
Concen: 4.791 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV025559.D
Acq: 15 Apr 2022 11:30

Tgt Ion: 78 Resp: 264074

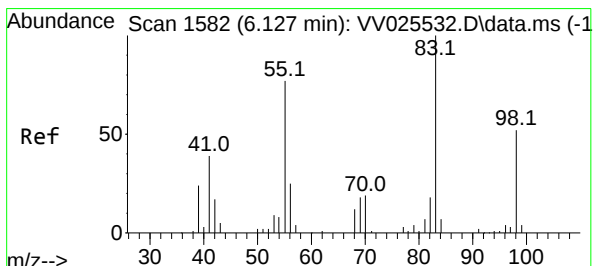
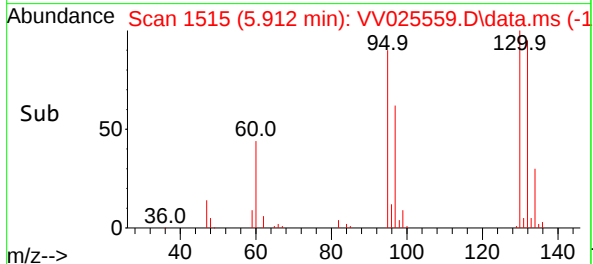
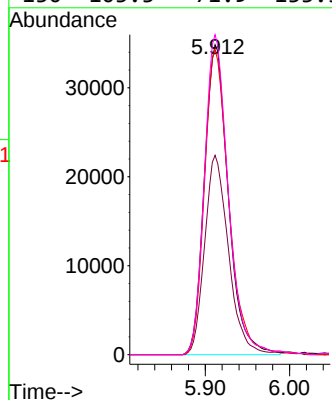
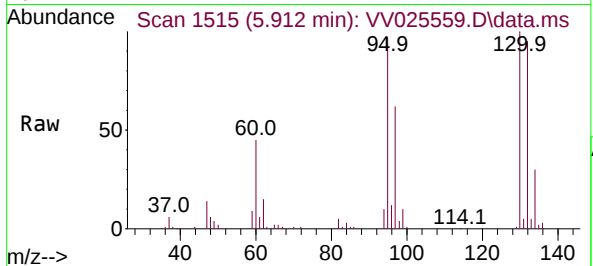




#34
Trichloroethene
Concen: 4.727 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV025559.D
Acq: 15 Apr 2022 11:30

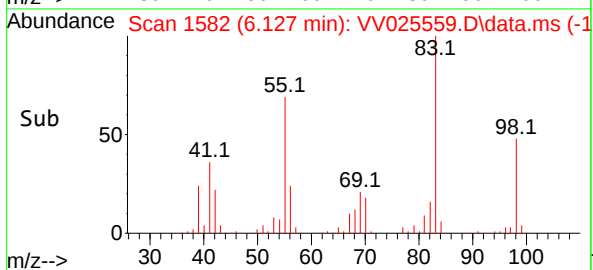
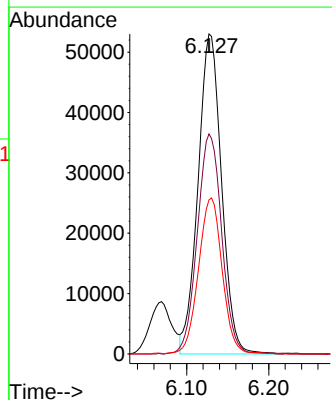
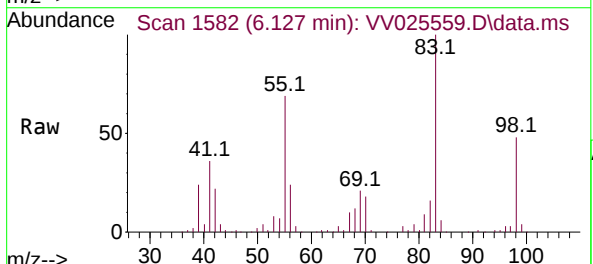
Instrument :
MSVOA_V
ClientSampleId :
VSTD005379

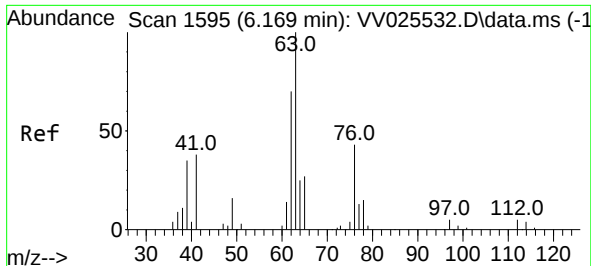
Tgt Ion: 95 Resp: 69177
Ion Ratio Lower Upper
95 100
97 64.3 45.8 85.2
132 98.5 68.0 126.4
130 103.3 71.9 133.5



#35
Methylcyclohexane
Concen: 4.528 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV025559.D
Acq: 15 Apr 2022 11:30

Tgt Ion: 83 Resp: 105748
Ion Ratio Lower Upper
83 100
55 71.4 53.7 80.5
98 49.2 39.6 59.4





#37

1,2-Dichloropropane

Concen: 4.874 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025559.D

Acq: 15 Apr 2022 11:30

Instrument :

MSVOA_V

ClientSampleId :

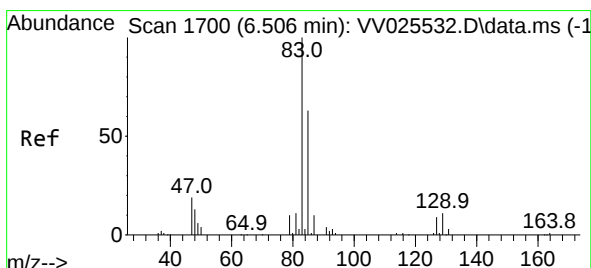
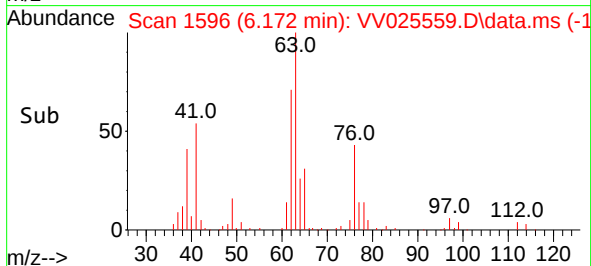
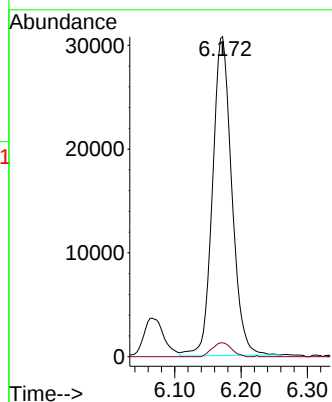
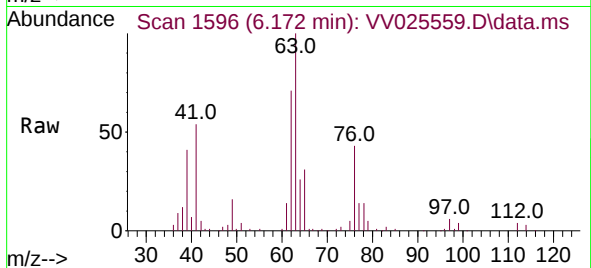
VSTD005379

Tgt Ion: 63 Resp: 62152

Ion Ratio Lower Upper

63 100

112 4.4 3.8 5.8



#38

Bromodichloromethane

Concen: 4.853 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV025559.D

Acq: 15 Apr 2022 11:30

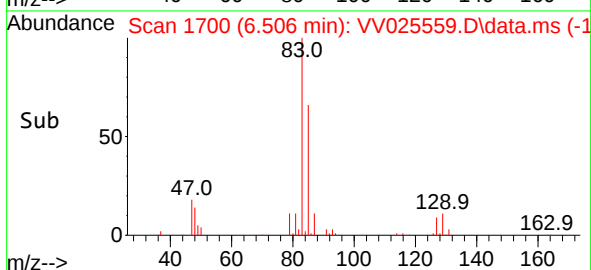
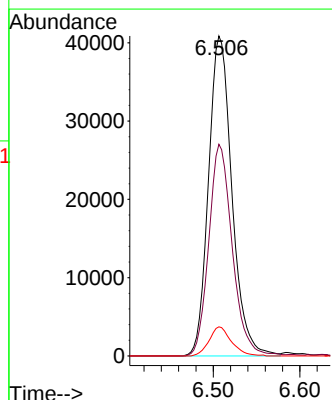
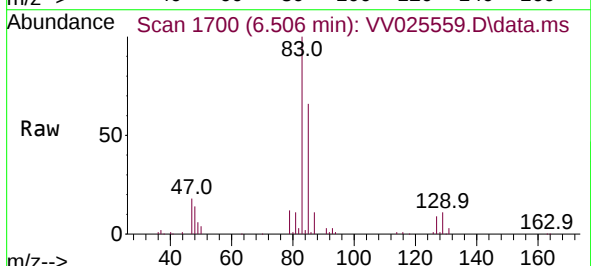
Tgt Ion: 83 Resp: 76832

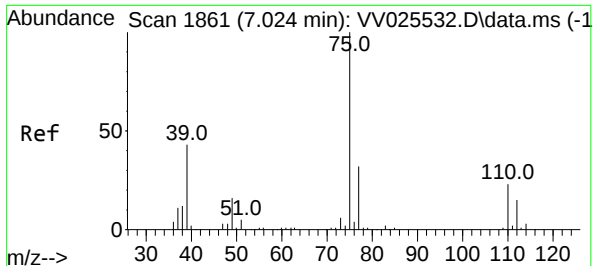
Ion Ratio Lower Upper

83 100

85 66.2 44.4 82.4

127 9.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.754 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV025559.D

Acq: 15 Apr 2022 11:30

Instrument :

MSVOA_V

ClientSampleId :

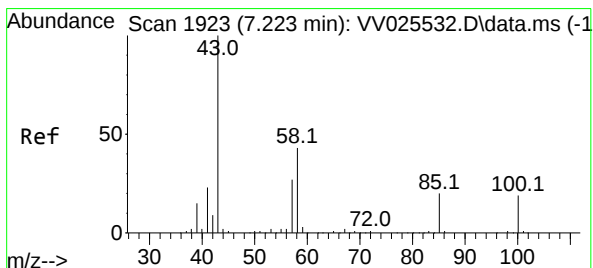
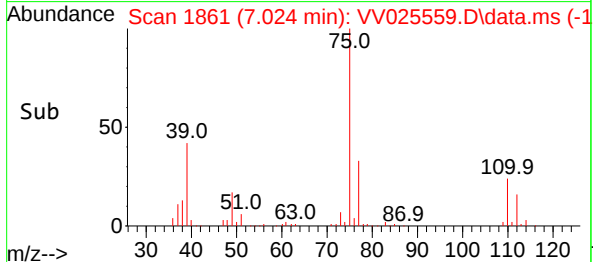
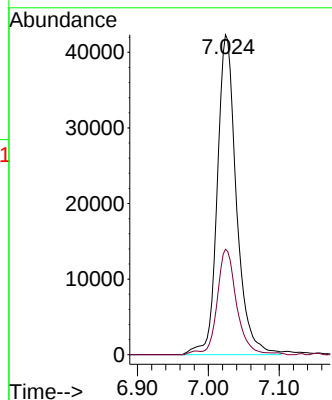
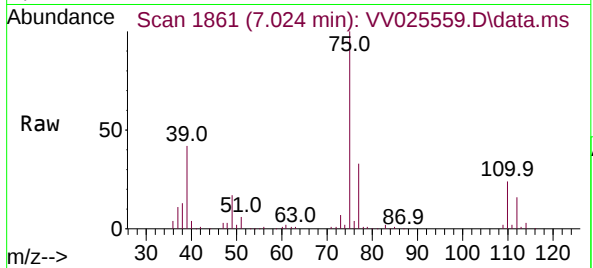
VSTD005379

Tgt Ion: 75 Resp: 79440

Ion Ratio Lower Upper

75 100

77 33.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 51.929 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV025559.D

Acq: 15 Apr 2022 11:30

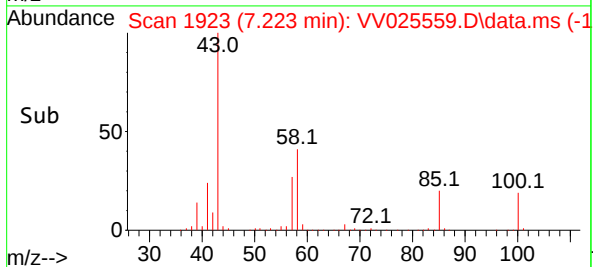
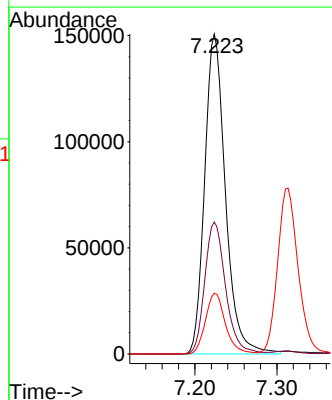
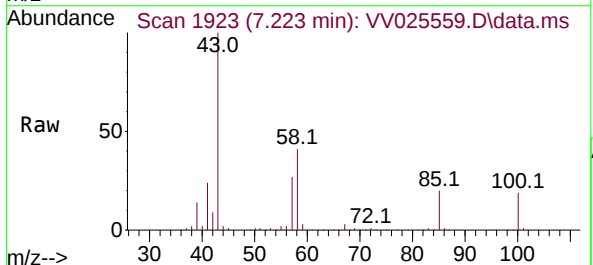
Tgt Ion: 43 Resp: 265138

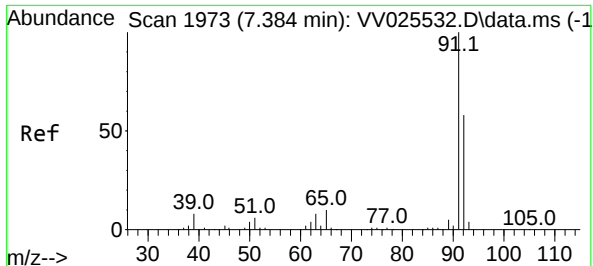
Ion Ratio Lower Upper

43 100

58 41.4 35.1 52.7

100 18.3 15.3 22.9





#42

Toluene

Concen: 4.832 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV025559.D

Acq: 15 Apr 2022 11:30

Instrument :

MSVOA_V

ClientSampleId :

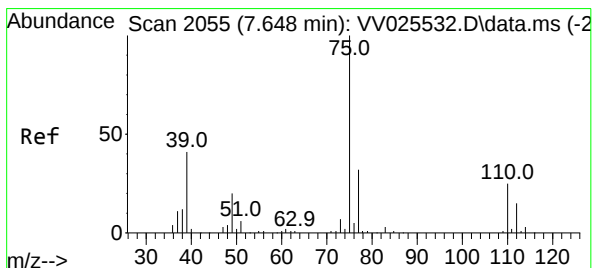
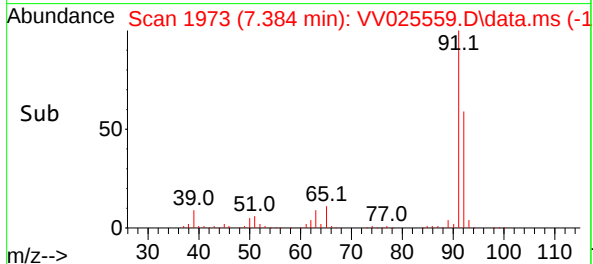
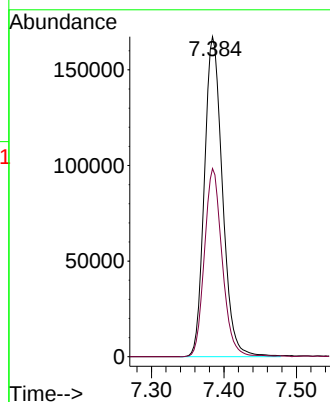
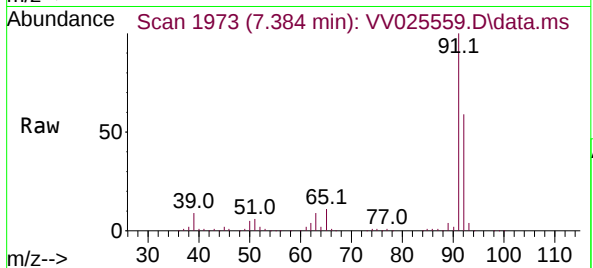
VSTD005379

Tgt Ion: 91 Resp: 289726

Ion Ratio Lower Upper

91 100

92 58.8 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.923 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV025559.D

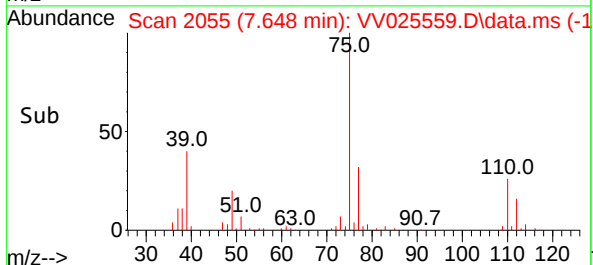
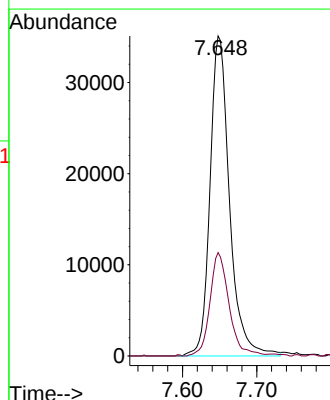
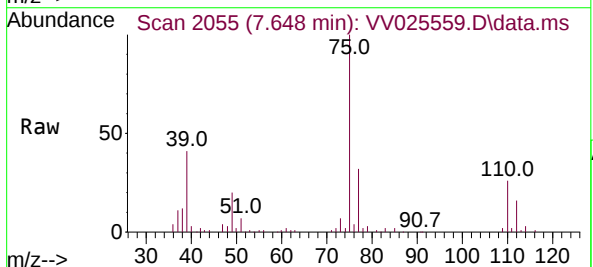
Acq: 15 Apr 2022 11:30

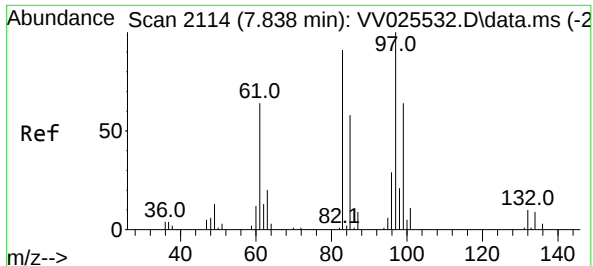
Tgt Ion: 75 Resp: 63909

Ion Ratio Lower Upper

75 100

77 32.3 21.7 40.3

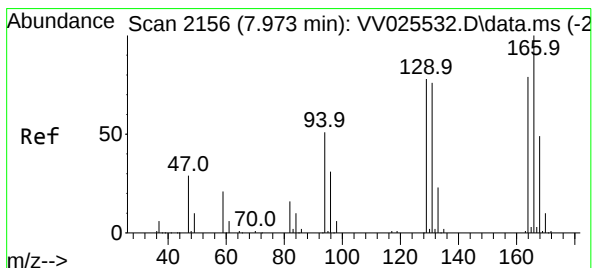
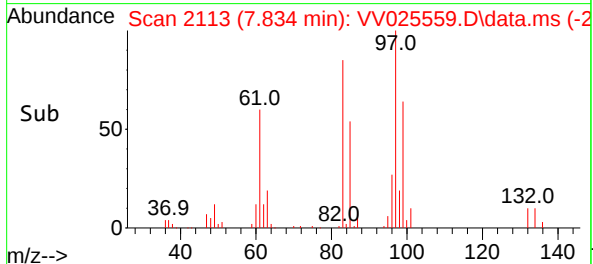
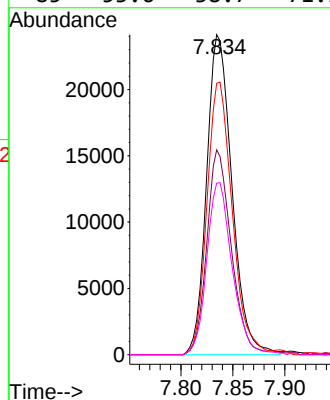
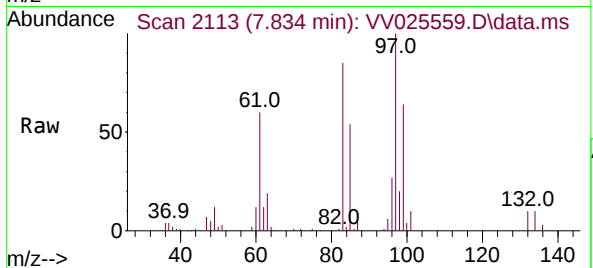




#45
1,1,2-Trichloroethane
Concen: 4.796 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VV025559.D
Acq: 15 Apr 2022 11:30

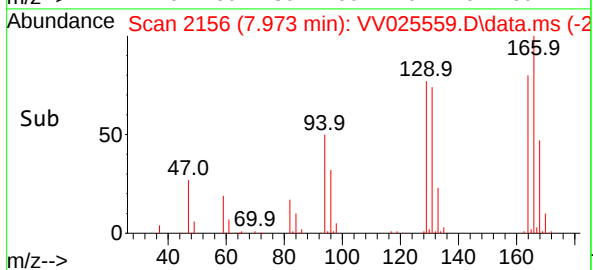
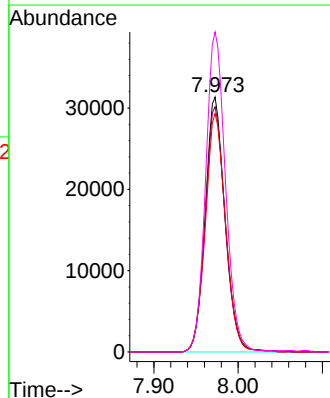
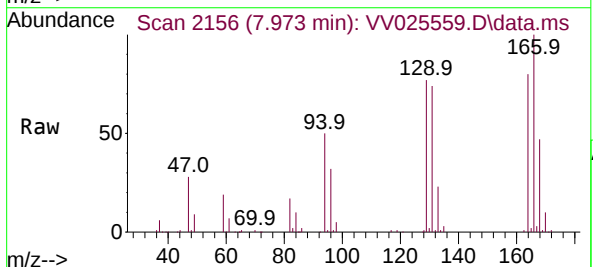
Instrument :
MSVOA_V
ClientSampleId :
VSTD005379

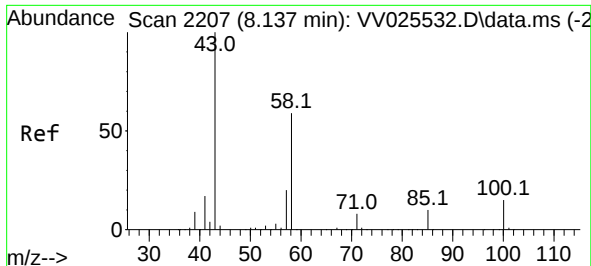
Tgt Ion:	97	Resp:	40954
Ion	Ratio	Lower	Upper
97	100		
99	64.0	43.8	81.4
83	84.8	60.3	112.1
85	53.6	38.7	71.9



#47
Tetrachloroethene
Concen: 4.495 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV025559.D
Acq: 15 Apr 2022 11:30

Tgt Ion:	164	Resp:	51498
Ion	Ratio	Lower	Upper
164	100		
129	96.1	66.8	124.2
131	93.5	66.4	123.4
166	125.5	91.7	170.3



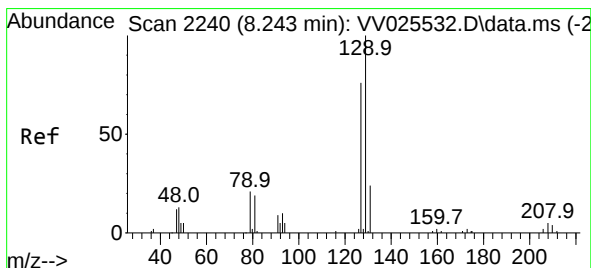
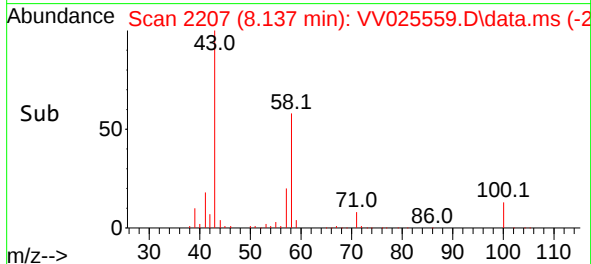
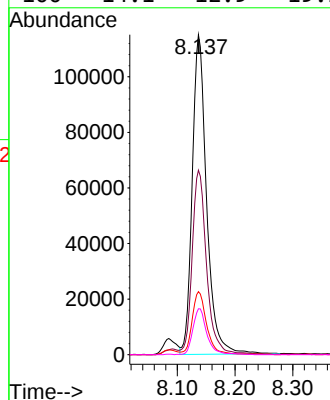
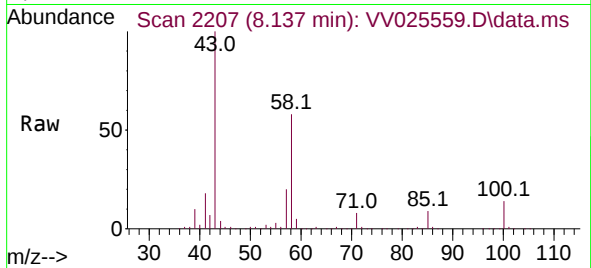


#48
2-Hexanone
Concen: 55.815 ug/L
RT: 8.137 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VV025559.D
Acq: 15 Apr 2022 11:30

Instrument :
MSVOA_V
ClientSampleId :
VSTD005379

Tgt Ion: 43 Resp: 198600

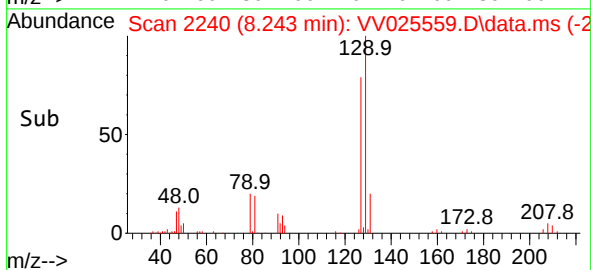
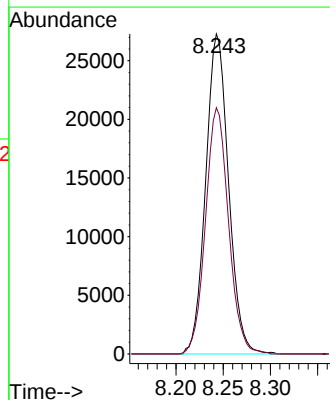
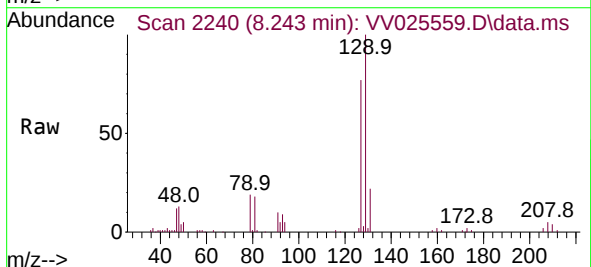
Ion	Ratio	Lower	Upper
43	100		
58	57.2	49.7	74.5
57	19.6	16.4	24.6
100	14.1	12.9	19.3

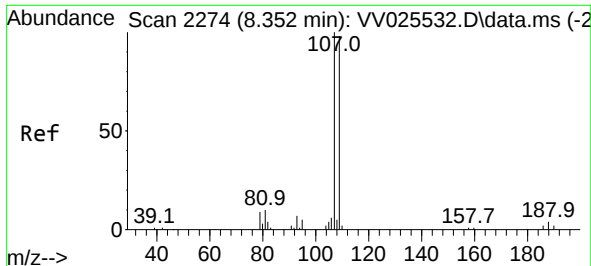


#49
Dibromochloromethane
Concen: 4.893 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV025559.D
Acq: 15 Apr 2022 11:30

Tgt Ion: 129 Resp: 45870

Ion	Ratio	Lower	Upper
129	100		
127	77.0	53.8	100.0





#50

1,2-Dibromoethane

Concen: 4.581 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV025559.D

Acq: 15 Apr 2022 11:30

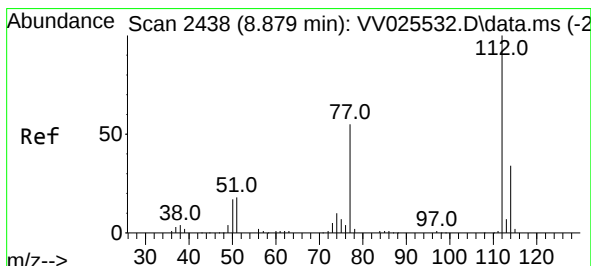
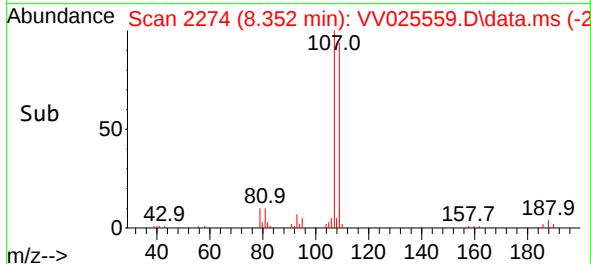
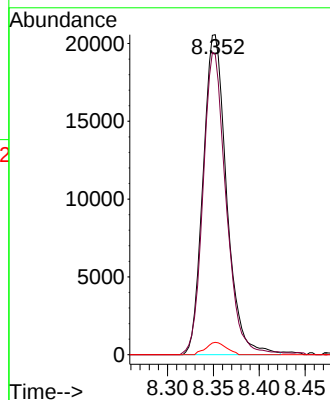
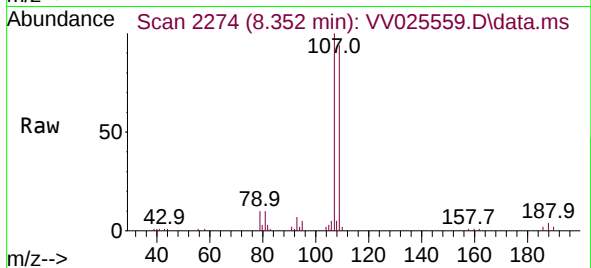
Instrument :

MSVOA_V

ClientSampleId :

VSTD005379

Tgt Ion:107	Resp:	36741
Ion	Ratio	Lower Upper
107	100	
109	93.9	65.9 122.3
188	3.8	2.7 4.1



#51

Chlorobenzene

Concen: 4.618 ug/L

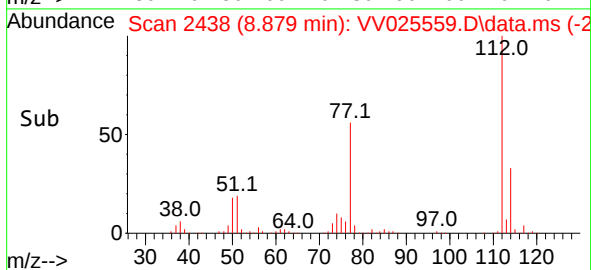
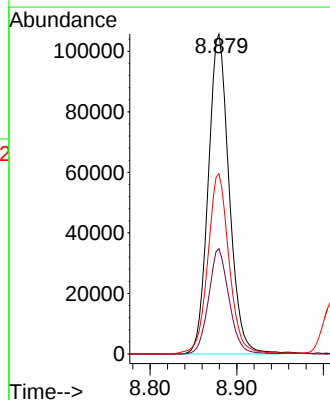
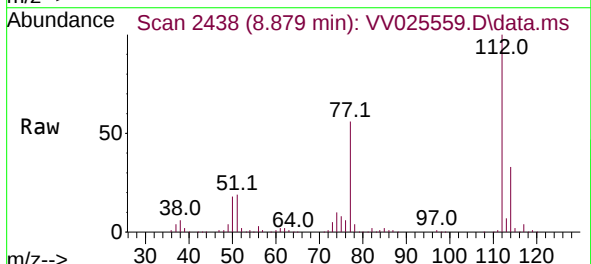
RT: 8.879 min Scan# 2438

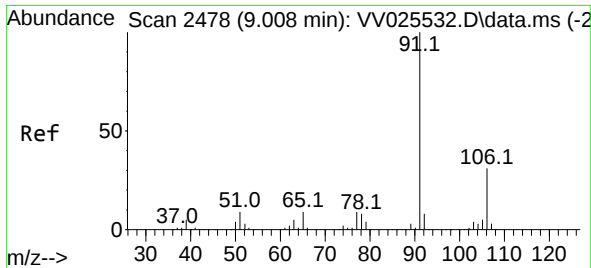
Delta R.T. 0.000 min

Lab File: VV025559.D

Acq: 15 Apr 2022 11:30

Tgt Ion:112	Resp:	176790
Ion	Ratio	Lower Upper
112	100	
114	32.9	22.4 41.6
77	56.3	43.7 65.5

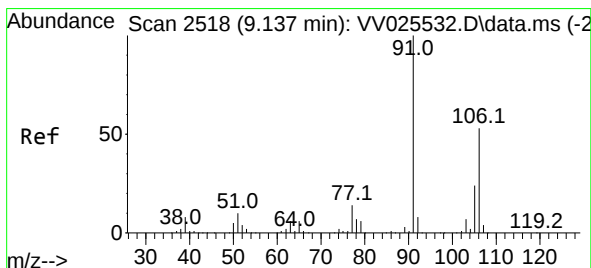
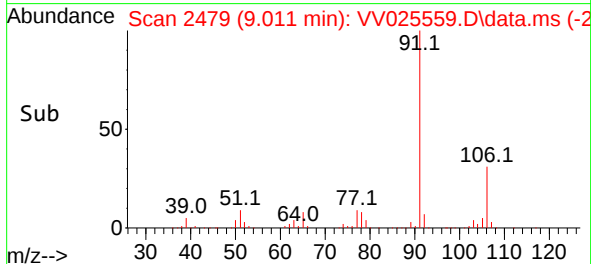
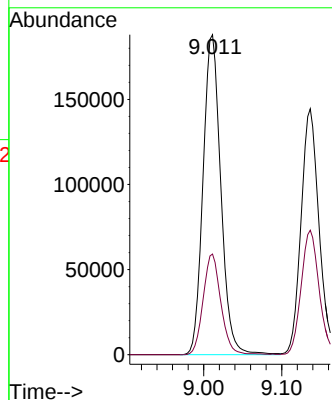
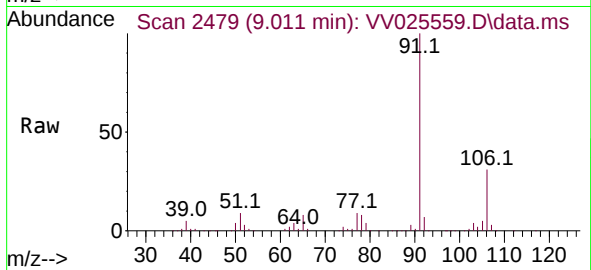




#52
Ethylbenzene
Concen: 4.661 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV025559.D
Acq: 15 Apr 2022 11:30

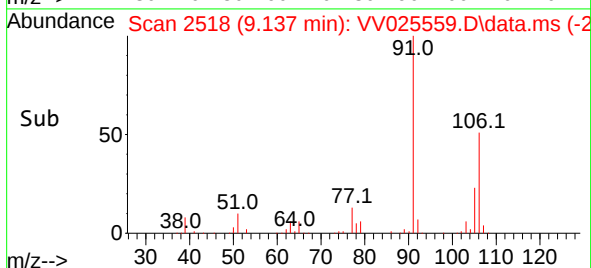
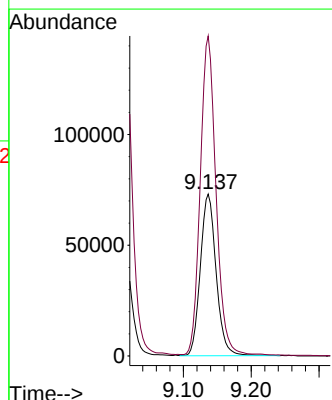
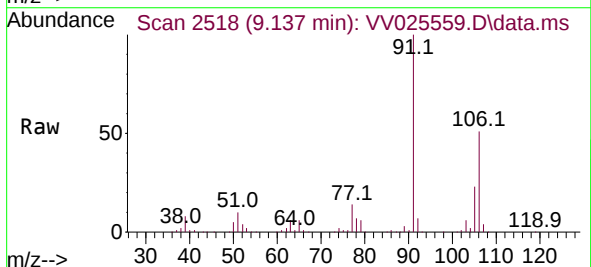
Instrument :
MSVOA_V
ClientSampleId :
VSTD005379

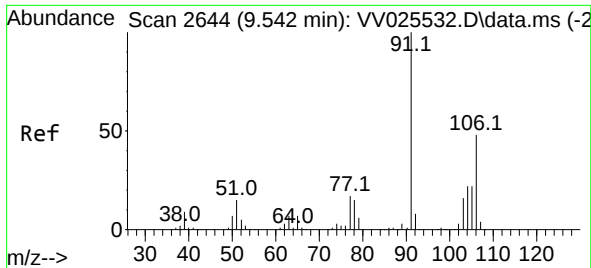
Tgt Ion: 91 Resp: 298050
Ion Ratio Lower Upper
91 100
106 31.5 22.3 41.3



#53
m,p-Xylene
Concen: 4.851 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV025559.D
Acq: 15 Apr 2022 11:30

Tgt Ion: 106 Resp: 117956
Ion Ratio Lower Upper
106 100
91 197.5 136.4 253.4

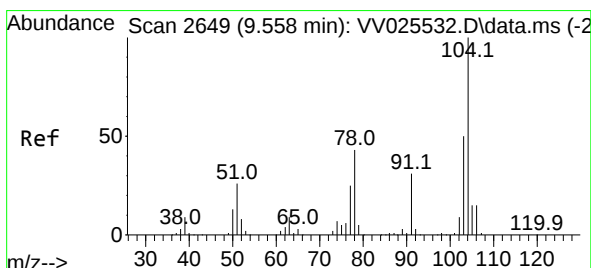
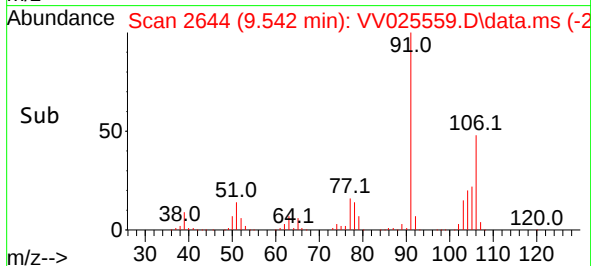
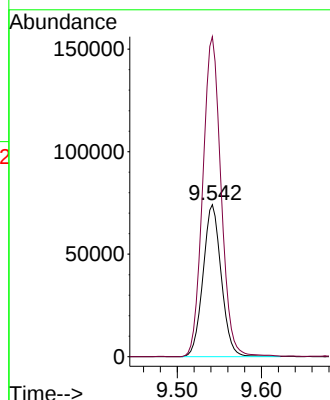
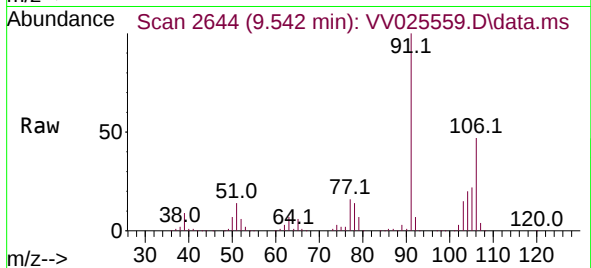




#54
o-Xylene
Concen: 4.736 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025559.D
Acq: 15 Apr 2022 11:30

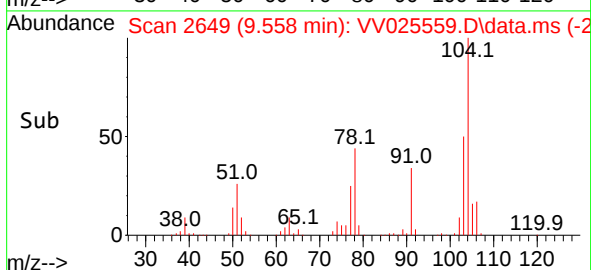
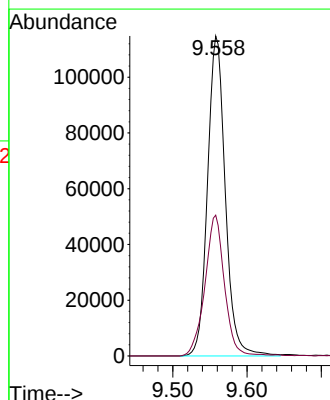
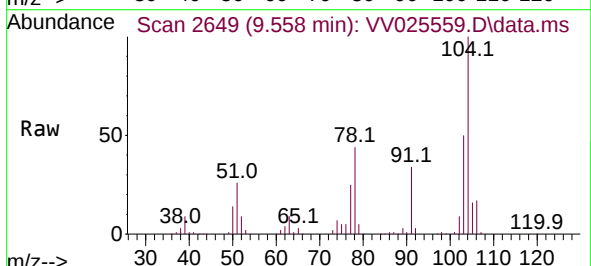
Instrument :
MSVOA_V
ClientSampleId :
VSTD005379

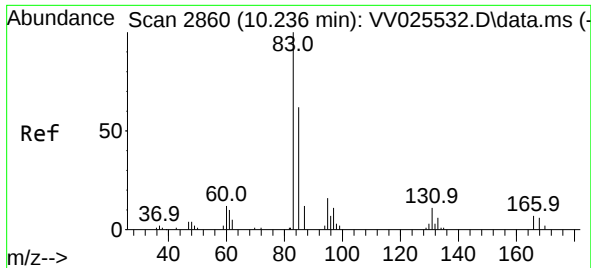
Tgt Ion:106 Resp: 111845
Ion Ratio Lower Upper
106 100
91 210.6 150.4 279.2



#55
Styrene
Concen: 4.957 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV025559.D
Acq: 15 Apr 2022 11:30

Tgt Ion:104 Resp: 190349
Ion Ratio Lower Upper
104 100
78 44.0 28.3 52.7

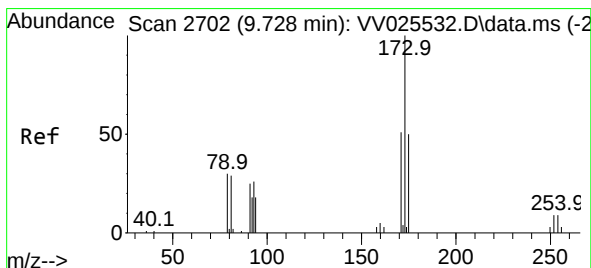
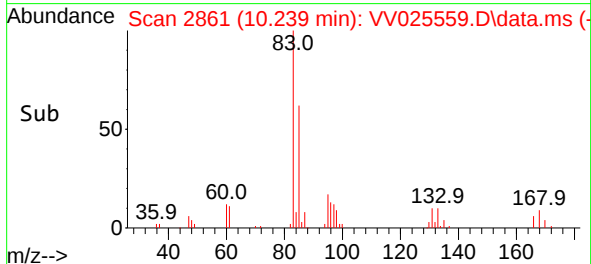
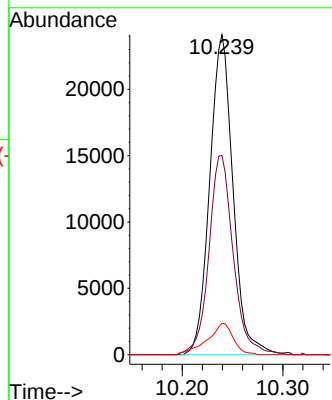
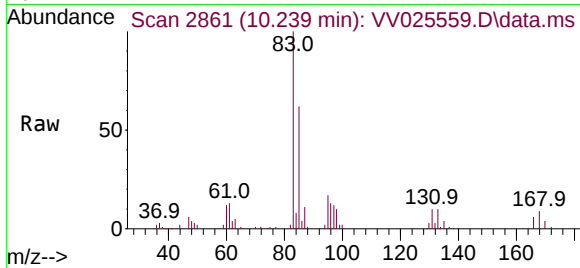




#57
1,1,2,2-Tetrachloroethane
Concen: 4.539 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.003 min
Lab File: VV025559.D
Acq: 15 Apr 2022 11:30

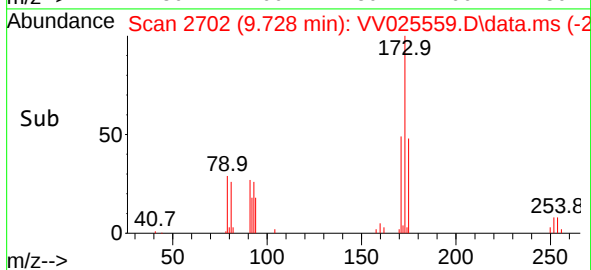
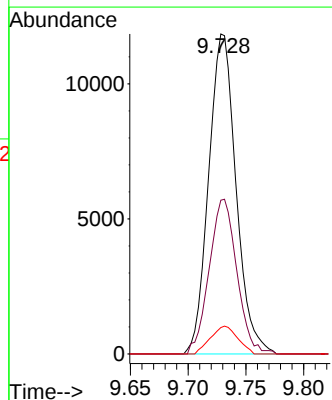
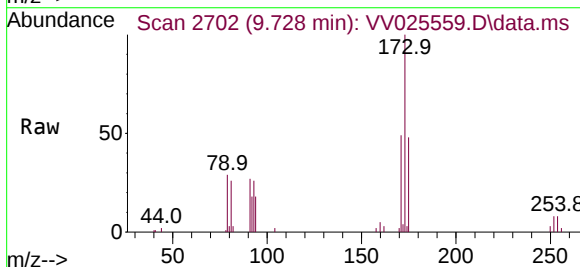
Instrument :
MSVOA_V
ClientSampleId :
VSTD005379

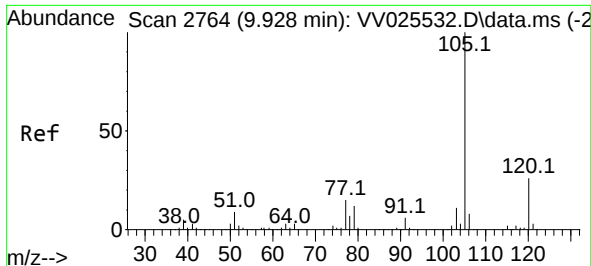
Tgt Ion: 83 Resp: 38726
Ion Ratio Lower Upper
83 100
85 62.3 45.1 83.9
131 9.7 7.9 11.9



#59
Bromoform
Concen: 4.649 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV025559.D
Acq: 15 Apr 2022 11:30

Tgt Ion: 173 Resp: 19543
Ion Ratio Lower Upper
173 100
175 48.8 40.8 61.2
254 8.6 7.0 10.6

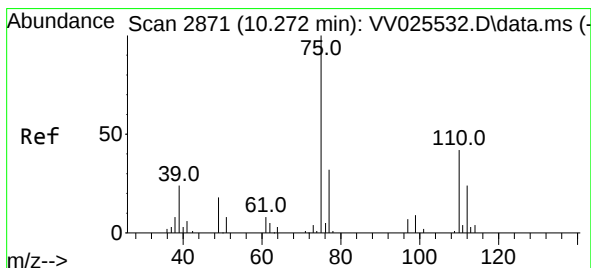
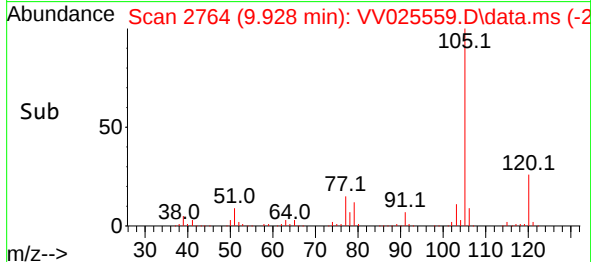
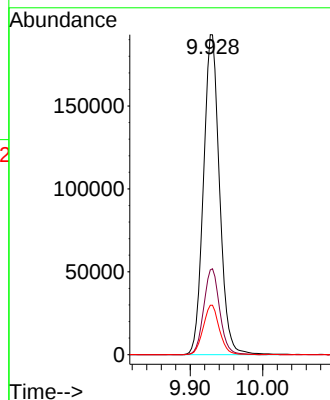
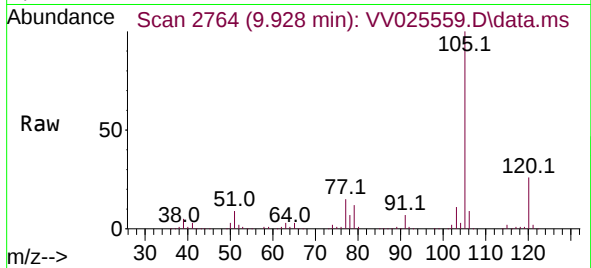




#60
Isopropylbenzene
Concen: 4.712 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025559.D
Acq: 15 Apr 2022 11:30

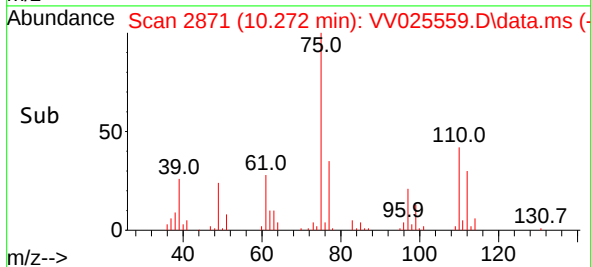
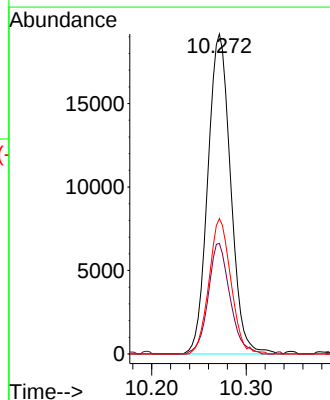
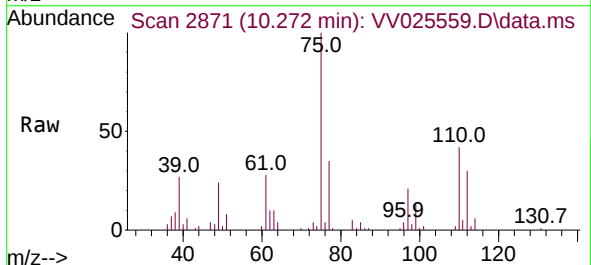
Instrument :
MSVOA_V
ClientSampleId :
VSTD005379

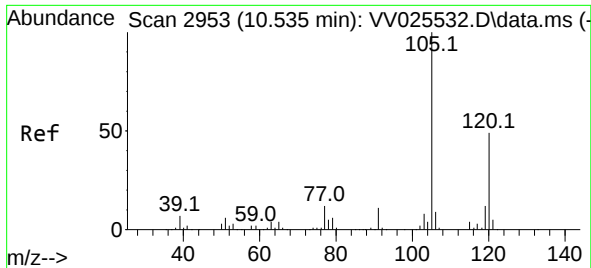
Tgt Ion:105 Resp: 297043
Ion Ratio Lower Upper
105 100
120 26.7 21.2 31.8
77 15.6 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 4.784 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025559.D
Acq: 15 Apr 2022 11:30

Tgt Ion: 75 Resp: 32092
Ion Ratio Lower Upper
75 100
77 33.1 25.6 38.4
110 40.7 34.7 52.1

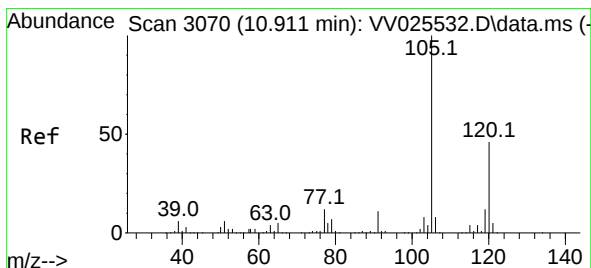
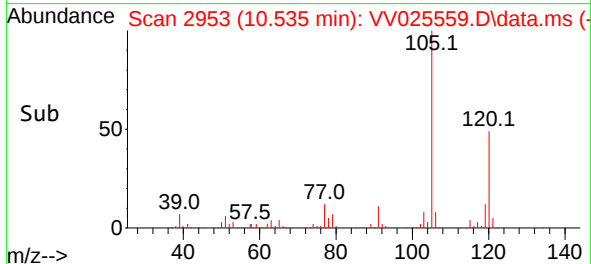
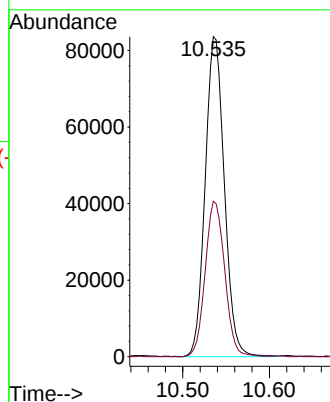
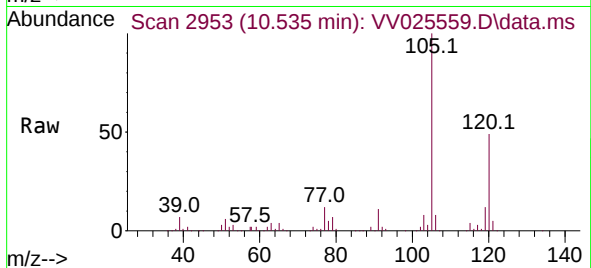




#62
 1,3,5-Trimethylbenzene
 Concen: 4.573 ug/L
 RT: 10.535 min Scan# 2953
 Delta R.T. 0.000 min
 Lab File: VV025559.D
 Acq: 15 Apr 2022 11:30

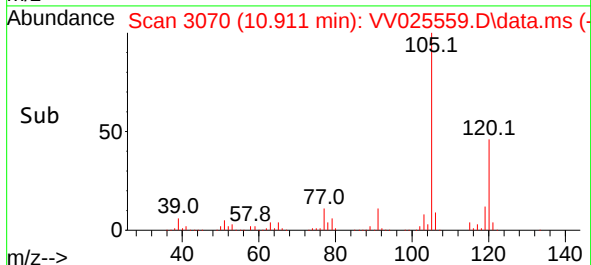
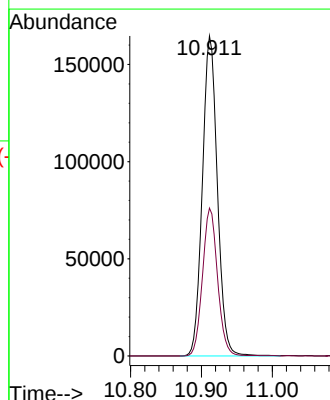
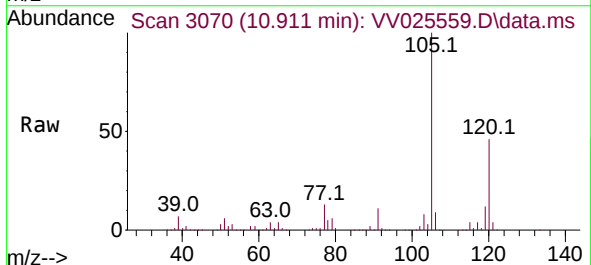
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005379

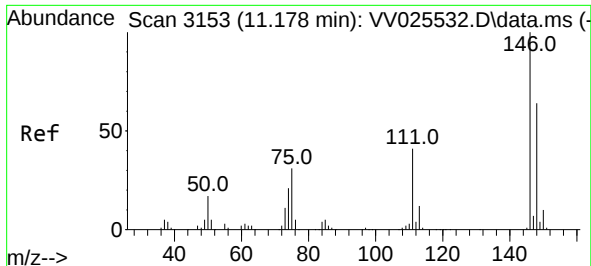
Tgt Ion:105 Resp: 128543
 Ion Ratio Lower Upper
 105 100
 120 49.6 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 4.783 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. 0.000 min
 Lab File: VV025559.D
 Acq: 15 Apr 2022 11:30

Tgt Ion:105 Resp: 242275
 Ion Ratio Lower Upper
 105 100
 120 46.2 36.6 55.0

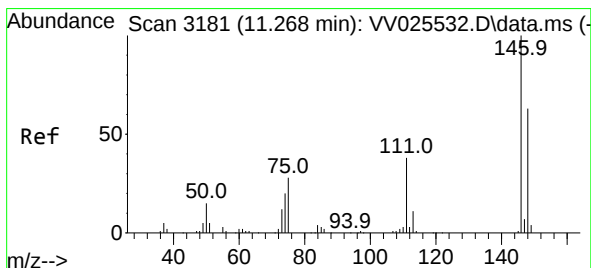
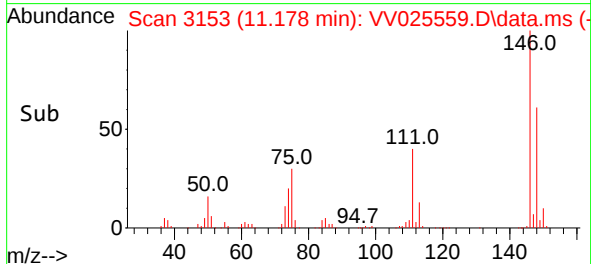
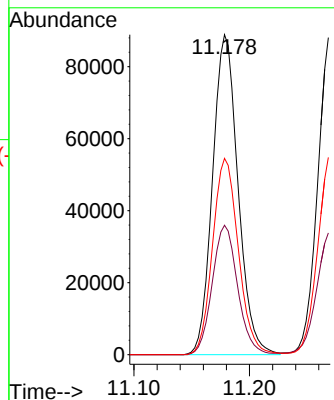
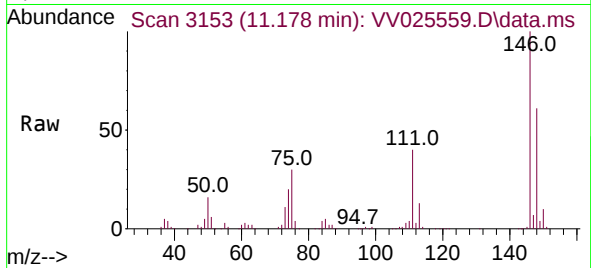




#64
1,3-Dichlorobenzene
Concen: 4.623 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025559.D
Acq: 15 Apr 2022 11:30

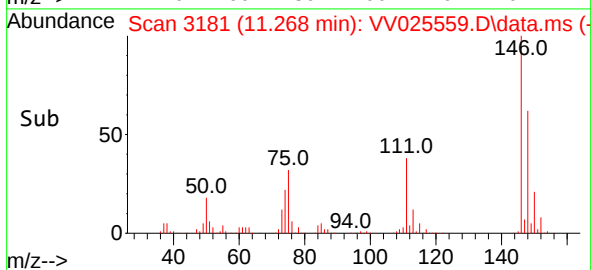
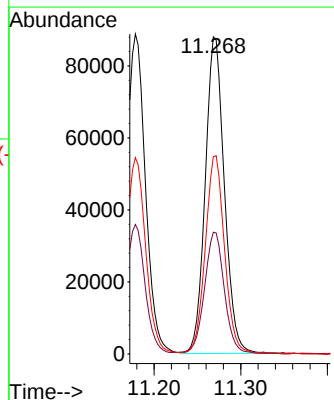
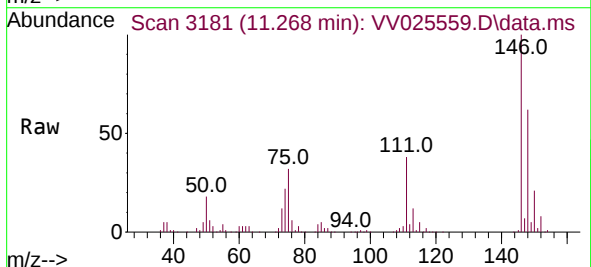
Instrument :
MSVOA_V
ClientSampleId :
VSTD005379

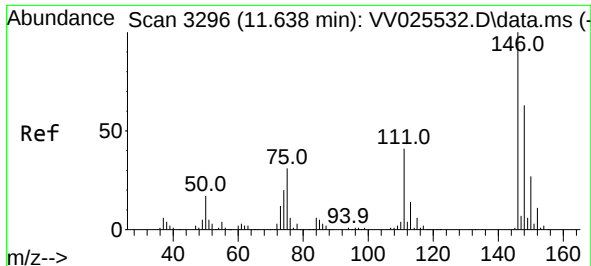
Tgt Ion:146 Resp: 136039
Ion Ratio Lower Upper
146 100
111 40.4 27.4 50.8
148 61.4 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 4.524 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV025559.D
Acq: 15 Apr 2022 11:30

Tgt Ion:146 Resp: 135155
Ion Ratio Lower Upper
146 100
111 38.4 26.7 49.7
148 62.2 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 4.555 ug/L

RT: 11.641 min Scan# 3296

Delta R.T. 0.003 min

Lab File: VV025559.D

Acq: 15 Apr 2022 11:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD005379

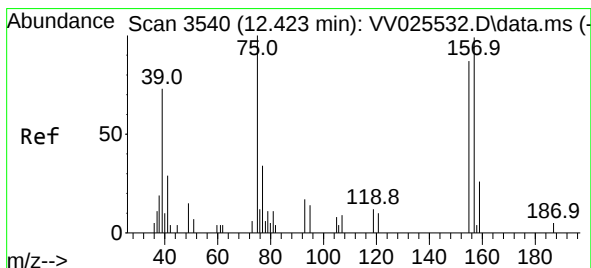
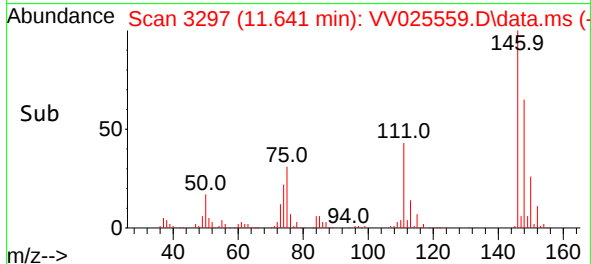
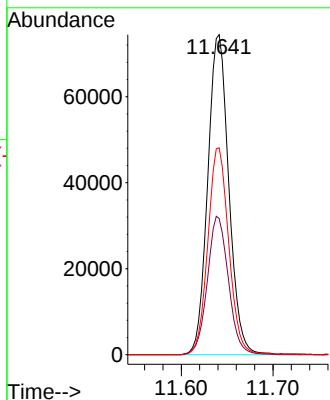
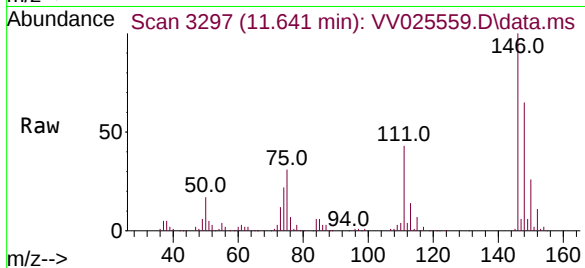
Tgt Ion:146 Resp: 118699

Ion Ratio Lower Upper

146 100

111 42.6 33.6 50.4

148 64.6 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.522 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.006 min

Lab File: VV025559.D

Acq: 15 Apr 2022 11:30

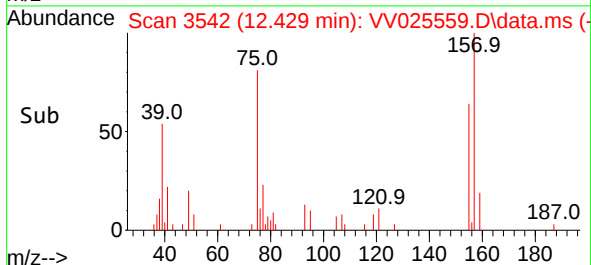
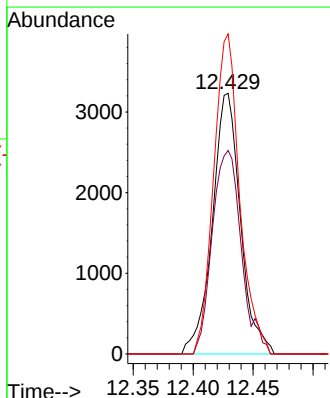
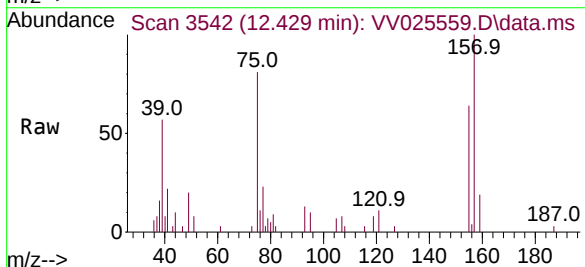
Tgt Ion: 75 Resp: 5244

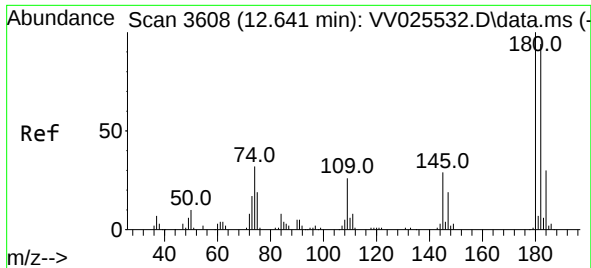
Ion Ratio Lower Upper

75 100

155 78.1 65.8 98.8

157 122.8 86.6 130.0

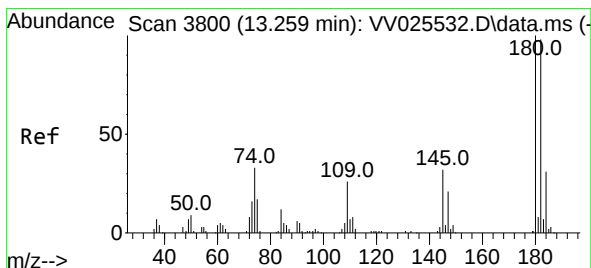
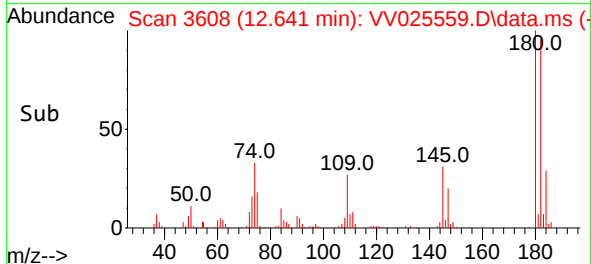
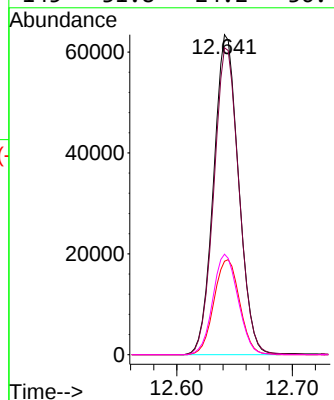
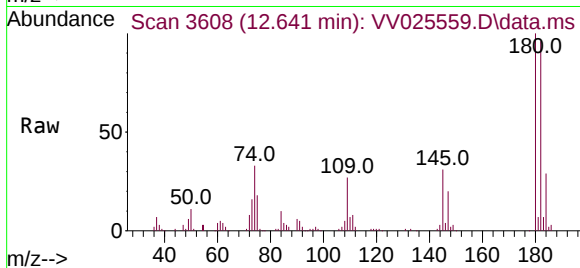




#69
 1,3,5-Trichlorobenzene
 Concen: 4.260 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. 0.000 min
 Lab File: VV025559.D
 Acq: 15 Apr 2022 11:30

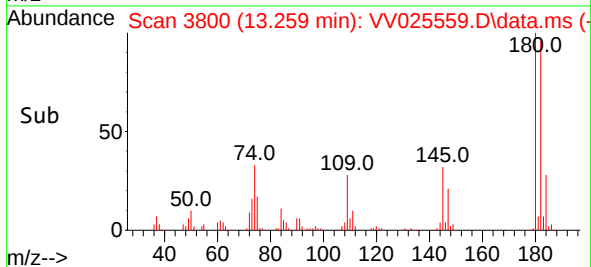
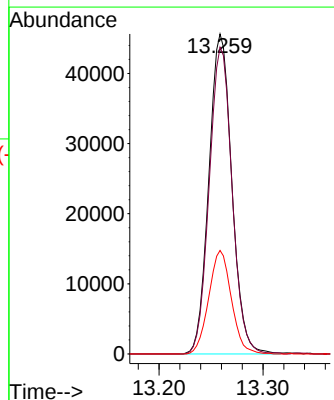
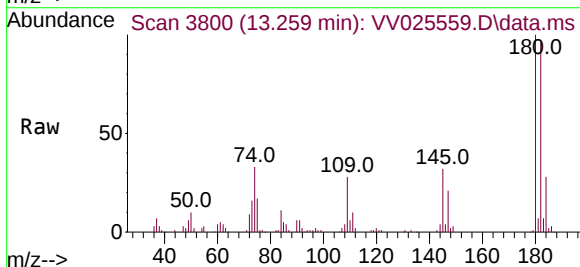
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005379

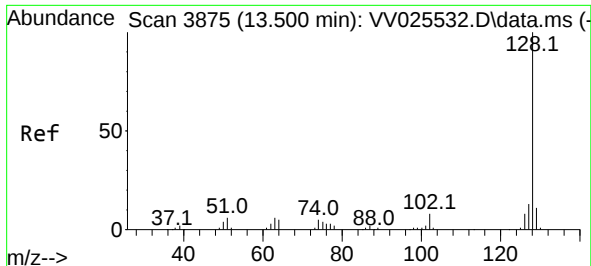
Tgt Ion:180	Resp:	95376
Ion	Ratio	Lower Upper
180	100	
182	96.5	75.3 112.9
184	30.6	23.4 35.2
145	31.8	24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 4.056 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV025559.D
 Acq: 15 Apr 2022 11:30

Tgt Ion:180	Resp:	69997
Ion	Ratio	Lower Upper
180	100	
182	95.4	76.6 114.8
145	31.9	24.6 36.8

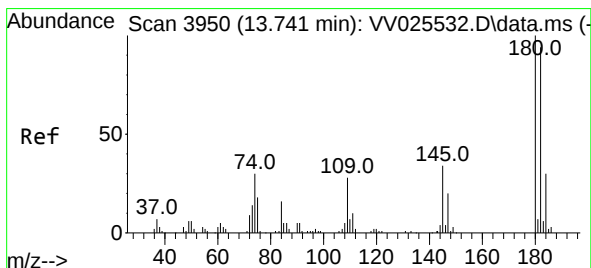
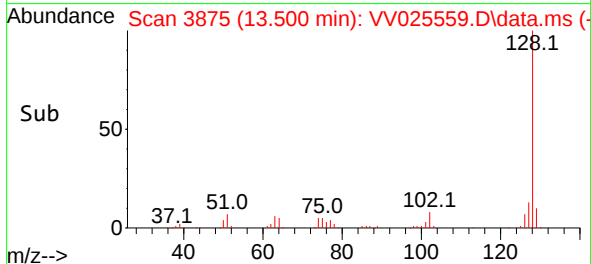
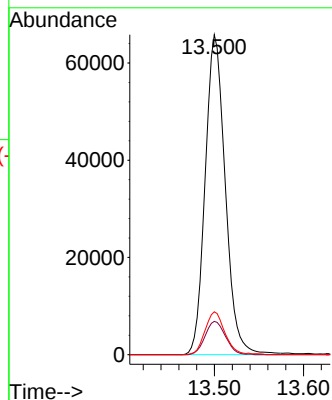
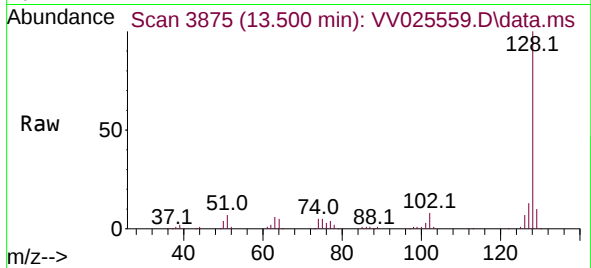




#71
Naphthalene
Concen: 4.072 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025559.D
Acq: 15 Apr 2022 11:30

Instrument :
MSVOA_V
ClientSampleId :
VSTD005379

Tgt Ion:128 Resp: 103104
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 13.4 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.183 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025559.D
Acq: 15 Apr 2022 11:30

Tgt Ion:180 Resp: 59781
Ion Ratio Lower Upper
180 100
182 95.1 77.7 116.5
145 33.3 27.4 41.2

