

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040822\
 Data File : VW025436.D
 Acq On : 09 Apr 2022 01:46
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005303

Quant Time: Apr 09 06:30:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 06:16:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	149421	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	151099	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	79464	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	68618	4.939	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.800%
7) Chloroethane-d5	1.571	69	65564	4.436	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.111	63	143042	5.140	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.800%
20) 2-Butanone-d5	3.892	46	99915	59.128	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.260%
24) Chloroform-d	4.352	84	106039	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.034	65	47585	5.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	5.053	84	204102	4.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.069	67	59114	4.848	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.317	98	188121	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.625	79	19689	4.804	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.088	63	82039	57.039	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.080%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39185	5.087	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	66110	4.962	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	71751	5.316	ug/L	100
3) Chloromethane	1.243	50	89125	6.077	ug/L	99
5) Vinyl chloride	1.314	62	98434	5.939	ug/L	100
6) Bromomethane	1.526	94	61859	5.176	ug/L	98
8) Chloroethane	1.587	64	71230	5.568	ug/L	99
9) Trichlorofluoromethane	1.757	101	133631	5.740	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	65282	4.991	ug/L	99
12) 1,1-Dichloroethene	2.121	96	73455	5.668	ug/L	89
13) Acetone	2.182	43	71788	62.591	ug/L	97
14) Carbon disulfide	2.297	76	165859	5.346	ug/L	100
15) Methyl Acetate	2.442	43	18197	7.139	ug/L #	89
16) Methylene chloride	2.510	84	61058	4.859	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	120382	6.003	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	60198	5.543	ug/L	95
19) 1,1-Dichloroethane	3.195	63	105693	5.746	ug/L	96
21) 2-Butanone	3.976	43	104737	66.087	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	64238	5.619	ug/L	97
23) Bromochloromethane	4.252	128	28210	5.943	ug/L	99
25) Chloroform	4.378	83	113572	5.849	ug/L	93

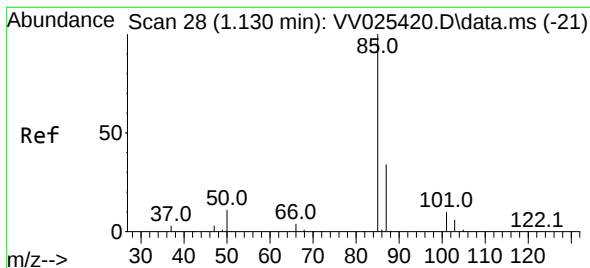
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 Data File : VV025436.D
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 06:16:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	61704	6.023	ug/L	98
29) 1,1,1-Trichloroethane	4.612	97	98878	5.548	ug/L	100
30) Cyclohexane	4.680	56	82516	5.093	ug/L	98
31) Carbon tetrachloride	4.828	117	83011	5.508	ug/L	99
33) Benzene	5.101	78	245791	5.507	ug/L	100
34) Trichloroethene	5.915	95	64500	5.442	ug/L	96
35) Methylcyclohexane	6.130	83	86307	4.564	ug/L	99
37) 1,2-Dichloropropane	6.172	63	58690	5.684	ug/L	100
38) Bromodichloromethane	6.509	83	72797	5.679	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	74069	5.474	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	269856	65.270	ug/L	100
42) Toluene	7.387	91	266823	5.496	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	59790	5.687	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	41829	6.049	ug/L	99
47) Tetrachloroethene	7.976	164	46733	5.037	ug/L	92
48) 2-Hexanone	8.140	43	197829	68.659	ug/L	97
49) Dibromochloromethane	8.246	129	44000	5.796	ug/L	97
50) 1,2-Dibromoethane	8.352	107	37109	5.713	ug/L	99
51) Chlorobenzene	8.882	112	165220	5.329	ug/L	99
52) Ethylbenzene	9.011	91	271632	5.246	ug/L	99
53) m,p-Xylene	9.140	106	104898	5.328	ug/L	97
54) o-Xylene	9.542	106	104780	5.479	ug/L	95
55) Styrene	9.561	104	175996	5.660	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	41048	5.941	ug/L	98
59) Bromoform	9.731	173	19689	6.002	ug/L	97
60) Isopropylbenzene	9.931	105	271167	5.513	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	32659	6.240	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	116123	5.294	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	211070	5.341	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	123472	5.378	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	123230	5.287	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	112773	5.546	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5881	6.499	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	83111	4.758	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	67749	5.031	ug/L	98
71) Naphthalene	13.500	128	118388	5.993	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	61884	5.550	ug/L	99

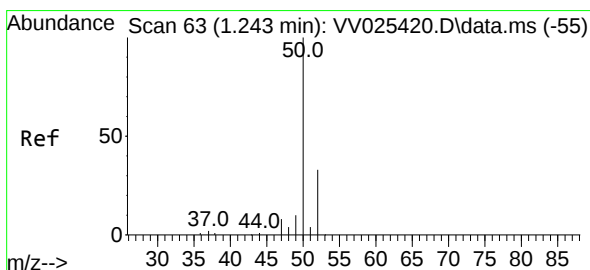
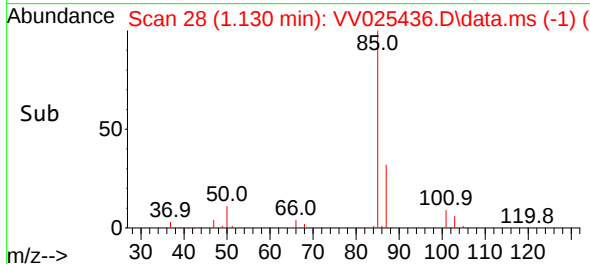
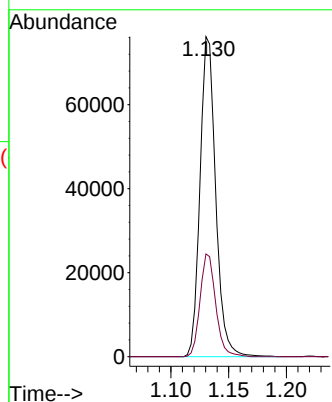
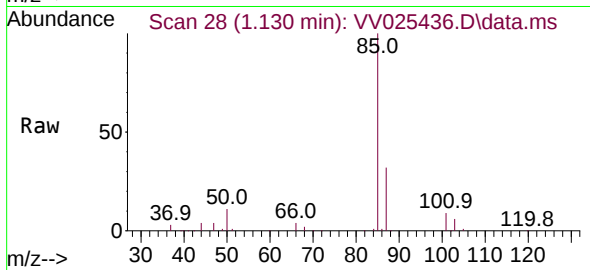
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.316 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV025436.D
 Acq: 09 Apr 2022 01:46

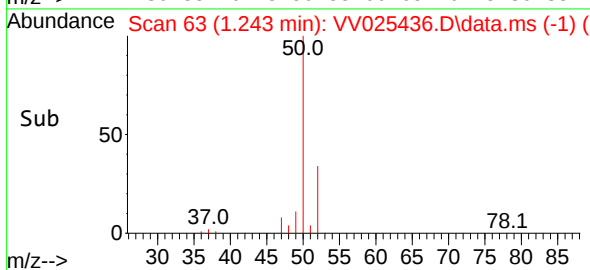
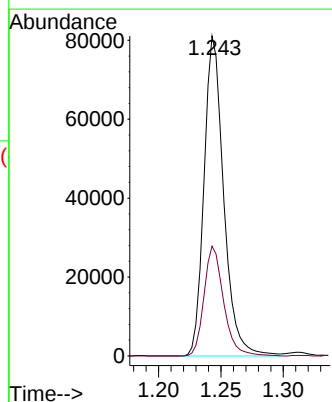
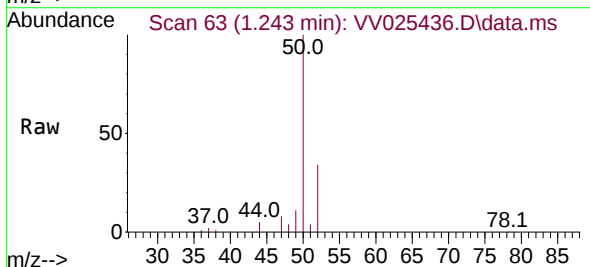
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 ClientSampleId :
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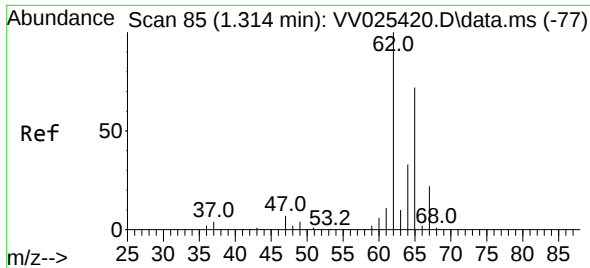
Tgt Ion: 85 Resp: 71751
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.6 38.4



#3
 Chloromethane
 Concen: 6.077 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV025436.D
 Acq: 09 Apr 2022 01:46

Tgt Ion: 50 Resp: 89125
 Ion Ratio Lower Upper
 50 100
 52 34.3 23.7 43.9

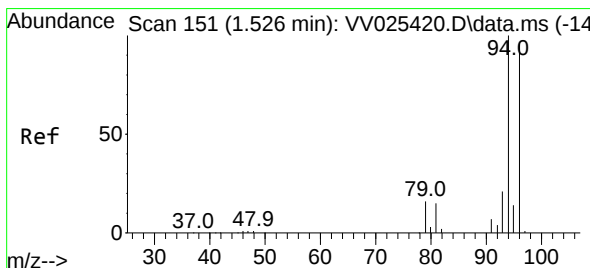
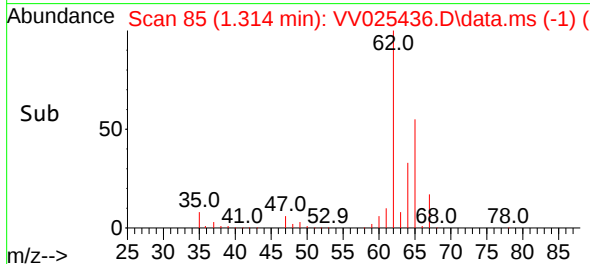
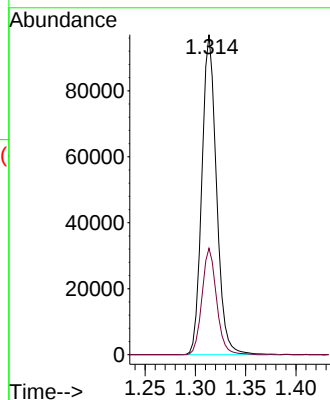
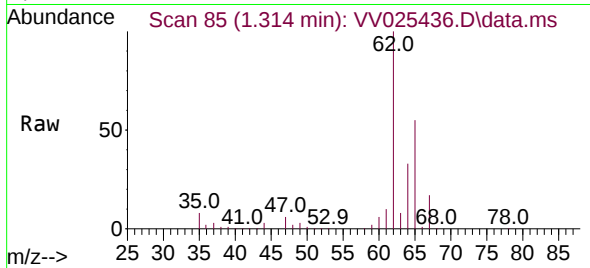




#5
 Vinyl chloride
 Concen: 5.939 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV025436.D
 Acq: 09 Apr 2022 01:46

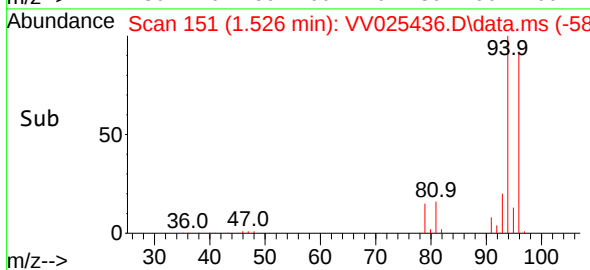
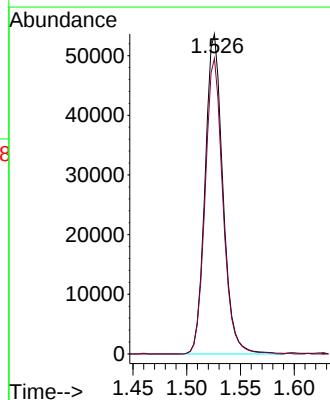
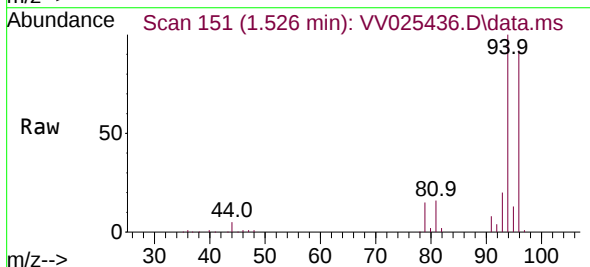
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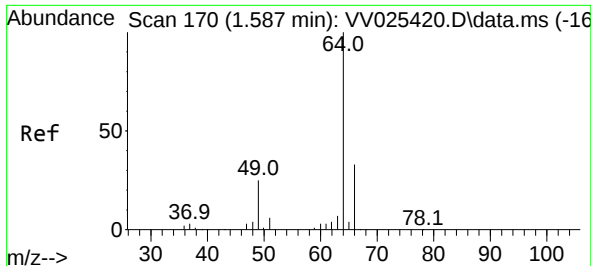
Tgt Ion: 62 Resp: 98434
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.2 43.2



#6
 Bromomethane
 Concen: 5.176 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV025436.D
 Acq: 09 Apr 2022 01:46

Tgt Ion: 94 Resp: 61859
 Ion Ratio Lower Upper
 94 100
 96 92.3 66.1 122.7

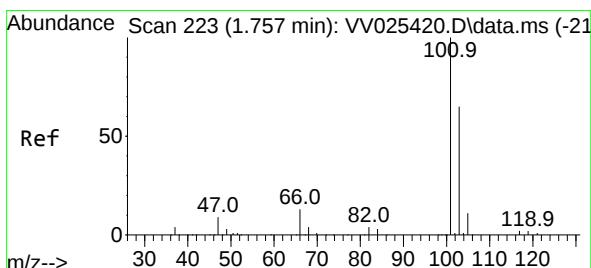
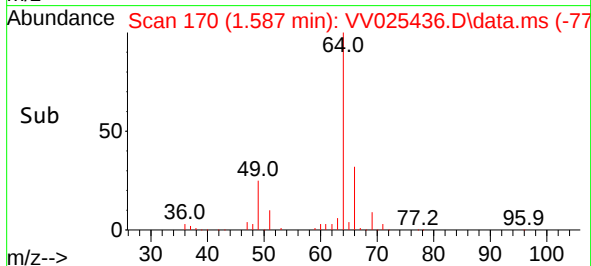
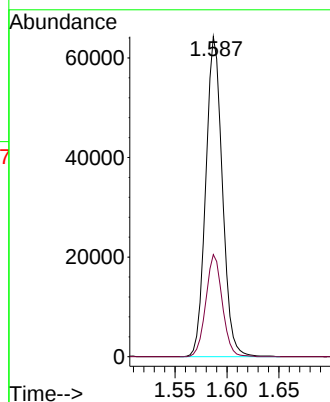
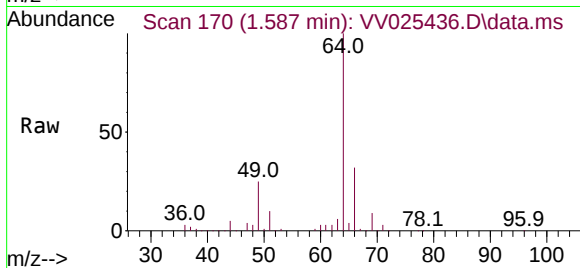




#8
Chloroethane
Concen: 5.568 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025436.D
Acq: 09 Apr 2022 01:46

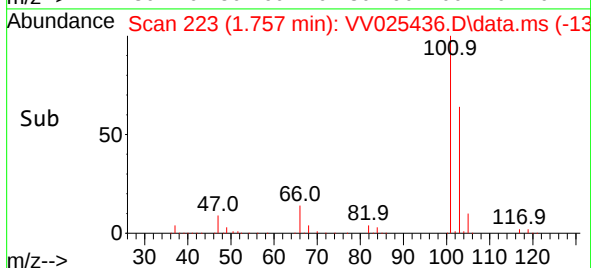
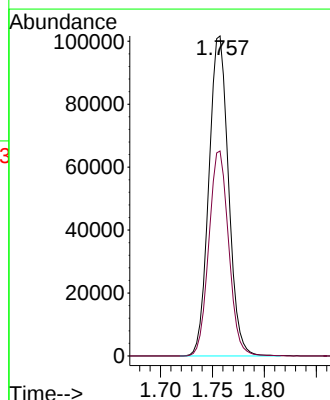
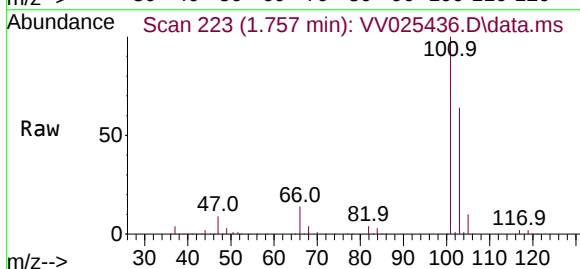
Instrument :
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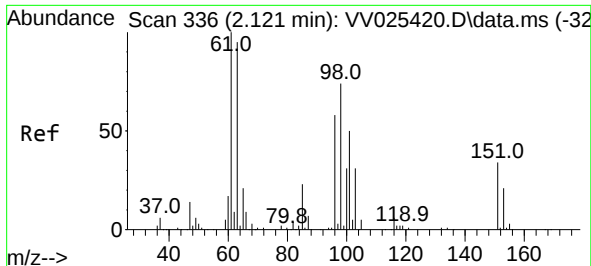
Tgt Ion: 64 Resp: 71230
Ion Ratio Lower Upper
64 100
66 31.9 21.8 40.6



#9
Trichlorofluoromethane
Concen: 5.740 ug/L
RT: 1.757 min Scan# 223
Delta R.T. -0.000 min
Lab File: VV025436.D
Acq: 09 Apr 2022 01:46

Tgt Ion:101 Resp: 133631
Ion Ratio Lower Upper
101 100
103 64.5 51.9 77.9

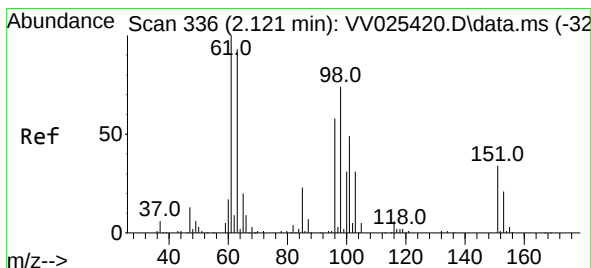
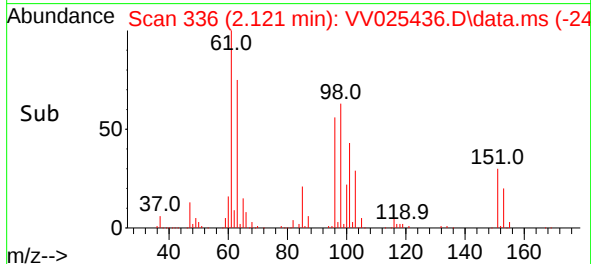
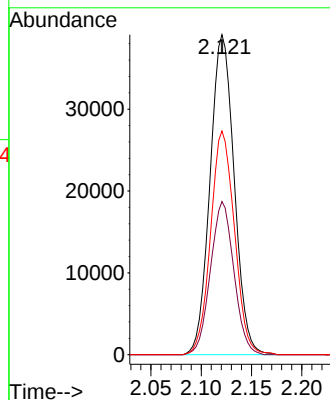
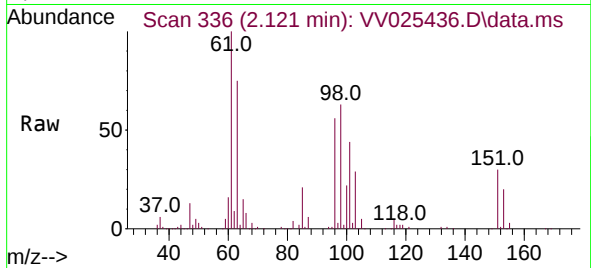




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.991 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV025436.D
 Acq: 09 Apr 2022 01:46

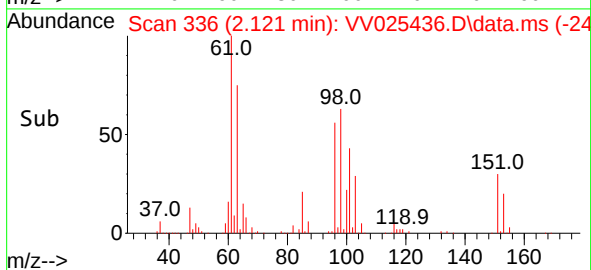
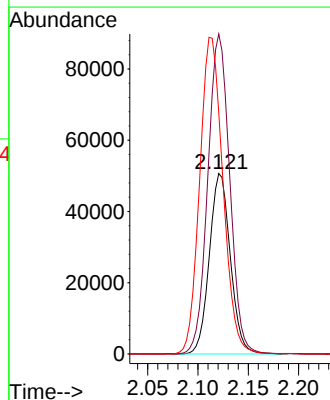
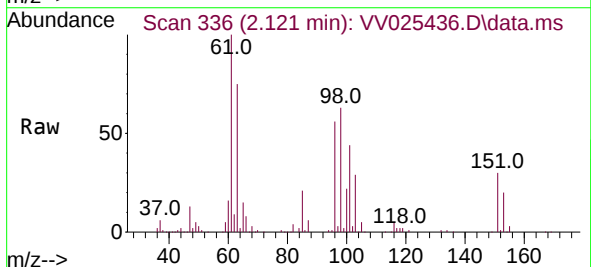
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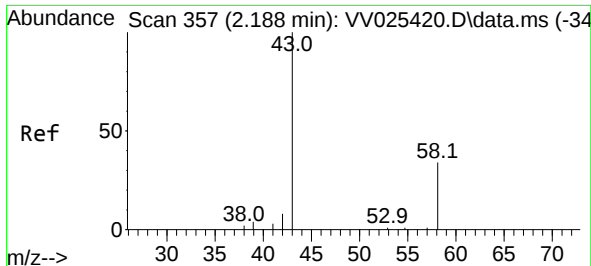
Tgt Ion:101 Resp: 65282
 Ion Ratio Lower Upper
 101 100
 85 46.5 35.9 53.9
 151 69.2 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 5.668 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV025436.D
 Acq: 09 Apr 2022 01:46

Tgt Ion: 96 Resp: 73455
 Ion Ratio Lower Upper
 96 100
 61 177.3 125.2 232.4
 63 133.8 114.4 212.4





#13

Acetone

Concen: 62.591 ug/L

RT: 2.182 min Scan# 357

Delta R.T. -0.007 min

Lab File: VV025436.D

Acq: 09 Apr 2022 01:46

Instrument :

MSVOA_V

ClientSampleId :

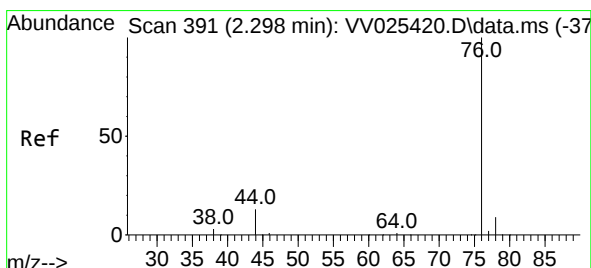
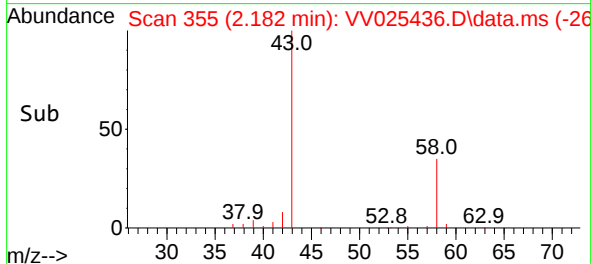
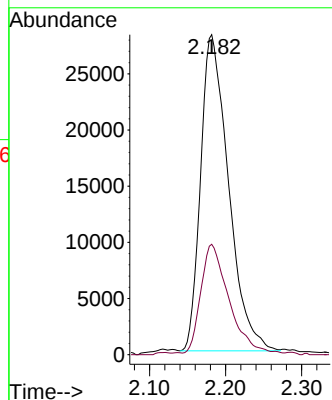
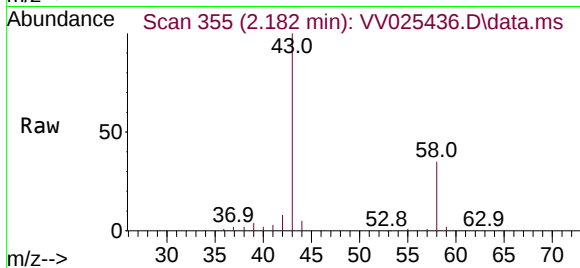
VSTD005303

Tgt Ion: 43 Resp: 71788

Ion Ratio Lower Upper

43 100

58 34.2 0.0 72.2



#14

Carbon disulfide

Concen: 5.346 ug/L

RT: 2.297 min Scan# 391

Delta R.T. -0.000 min

Lab File: VV025436.D

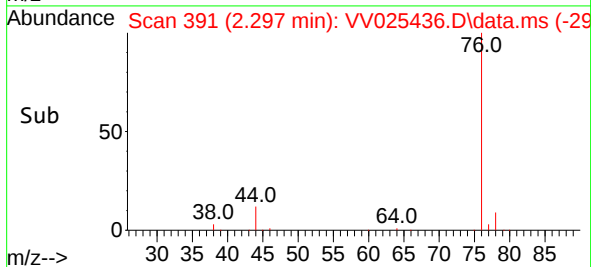
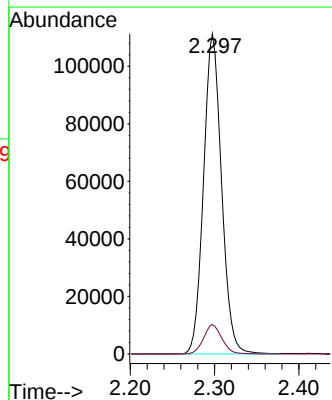
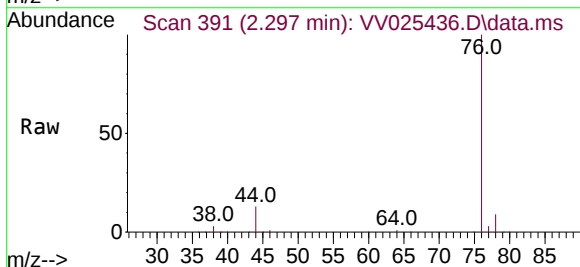
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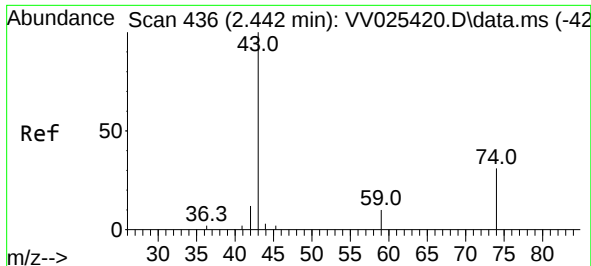
Tgt Ion: 76 Resp: 165859

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

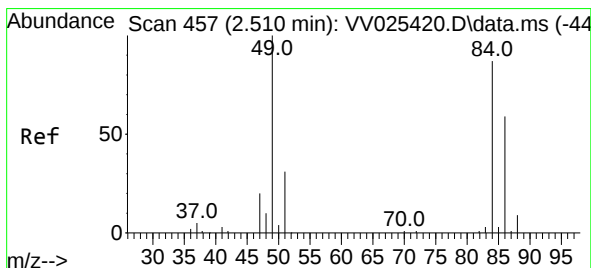
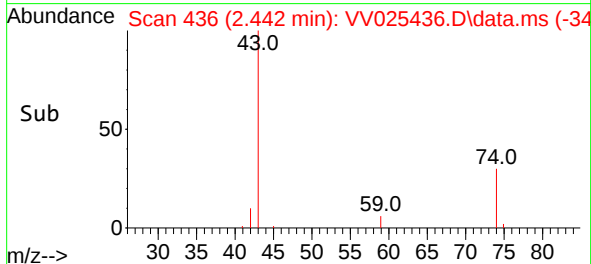
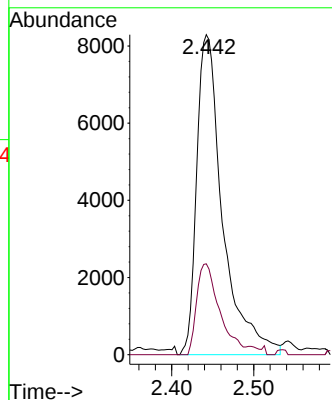
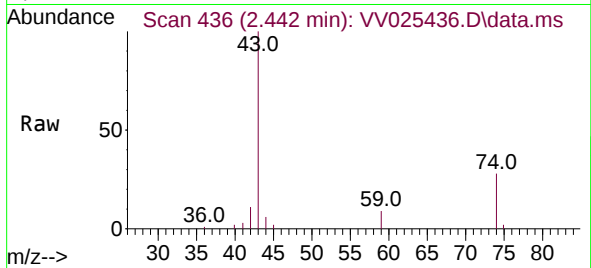




#15
Methyl Acetate
Concen: 7.139 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV025436.D
Acq: 09 Apr 2022 01:46

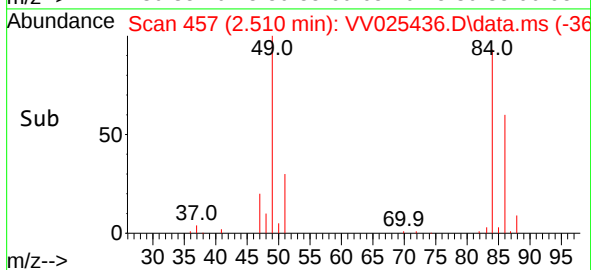
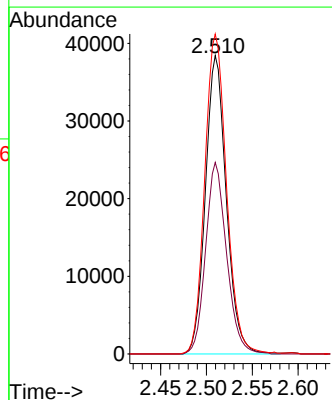
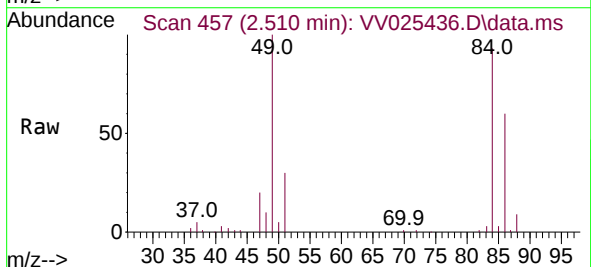
Instrument :
MSVOA_V
ClientSampleId :
VSTD005303

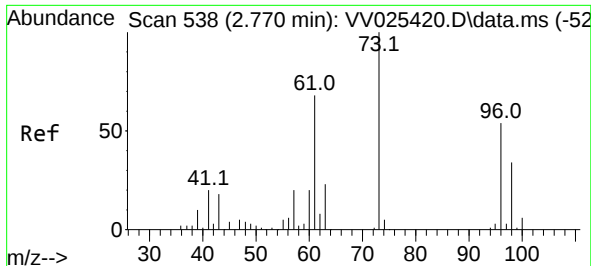
Tgt Ion: 43 Resp: 18197
Ion Ratio Lower Upper
43 100
74 25.2 25.2 37.8#



#16
Methylene chloride
Concen: 4.859 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.000 min
Lab File: VV025436.D
Acq: 09 Apr 2022 01:46

Tgt Ion: 84 Resp: 61058
Ion Ratio Lower Upper
84 100
86 64.2 45.9 85.3
49 107.2 76.6 142.3





#17

Methyl tert-butyl Ether

Concen: 6.003 ug/L

RT: 2.770 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV025436.D

Acq: 09 Apr 2022 01:46

Instrument :

MSVOA_V

ClientSampleId :

VSTD005303

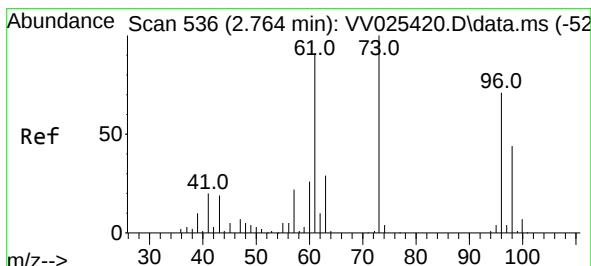
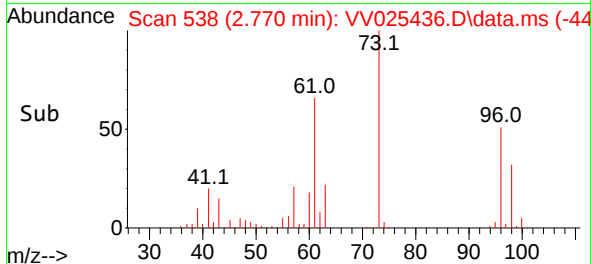
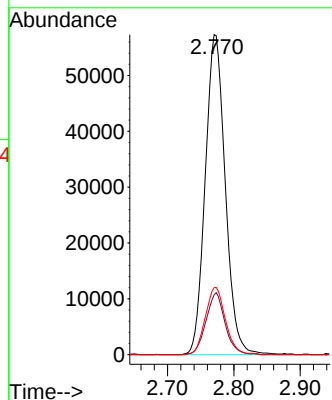
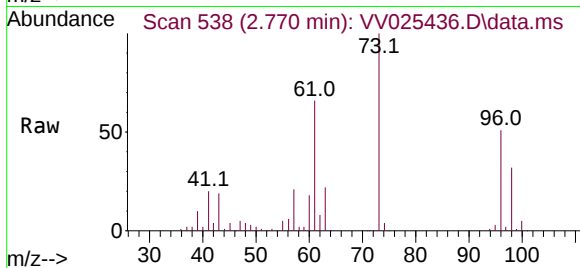
Tgt Ion: 73 Resp: 120382

Ion Ratio Lower Upper

73 100

43 18.4 14.2 21.4

57 21.0 16.1 24.1



#18

trans-1,2-Dichloroethene

Concen: 5.543 ug/L

RT: 2.764 min Scan# 536

Delta R.T. -0.000 min

Lab File: VV025436.D

Acq: 09 Apr 2022 01:46

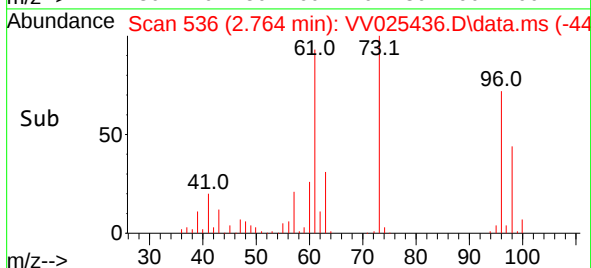
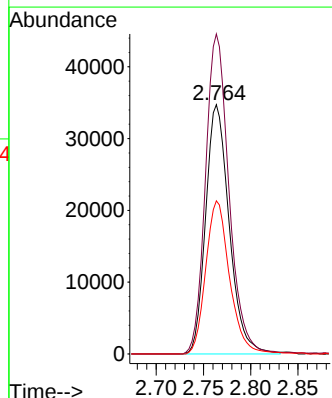
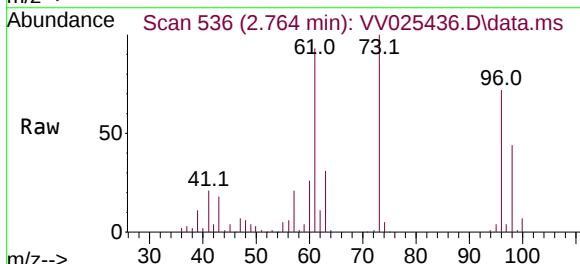
Tgt Ion: 96 Resp: 60198

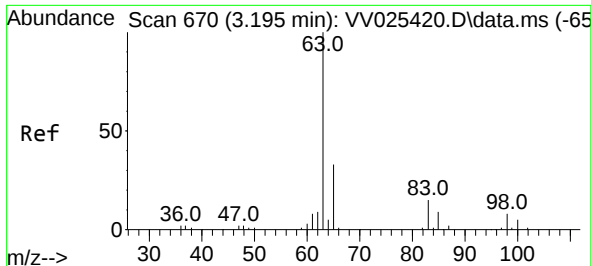
Ion Ratio Lower Upper

96 100

61 128.3 92.1 171.1

98 61.4 47.5 88.1





#19

1,1-Dichloroethane

Concen: 5.746 ug/L

RT: 3.195 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV025436.D

Acq: 09 Apr 2022 01:46

Instrument :

MSVOA_V

ClientSampleId :

VSTD005303

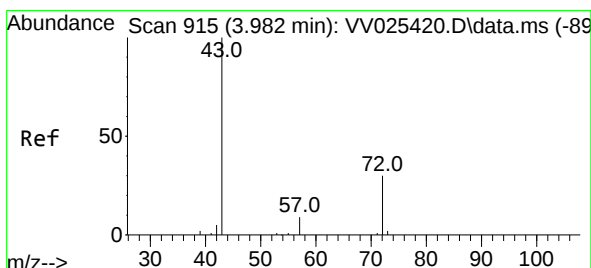
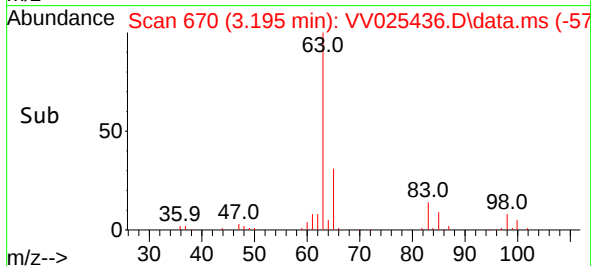
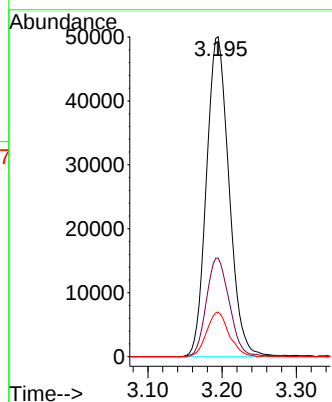
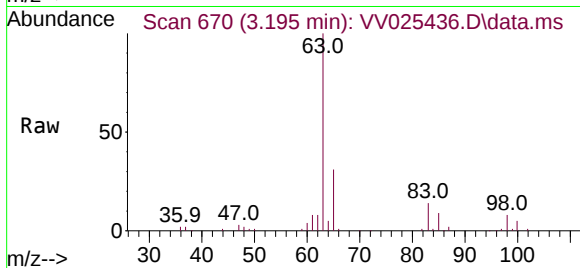
Tgt Ion: 63 Resp: 105693

Ion Ratio Lower Upper

63 100

65 30.8 23.2 43.0

83 14.0 9.0 16.8



#21

2-Butanone

Concen: 66.087 ug/L

RT: 3.976 min Scan# 913

Delta R.T. -0.007 min

Lab File: VV025436.D

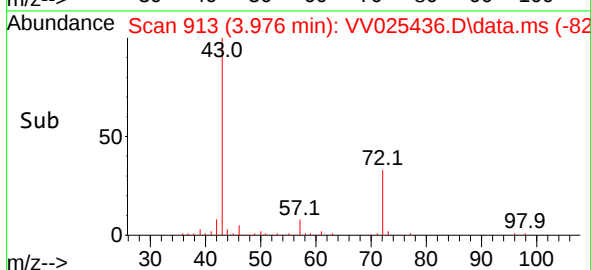
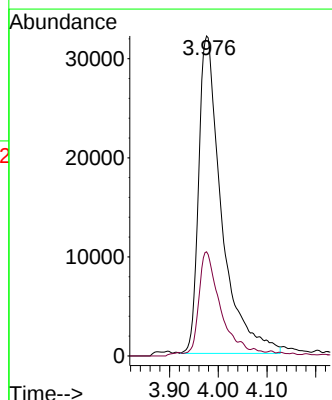
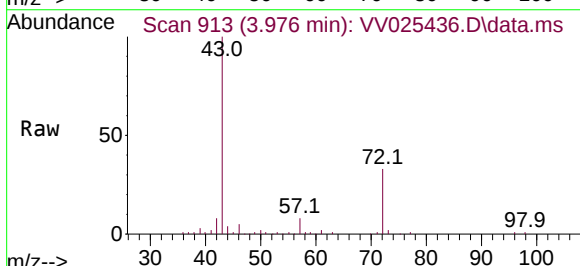
Acq: 09 Apr 2022 01:46

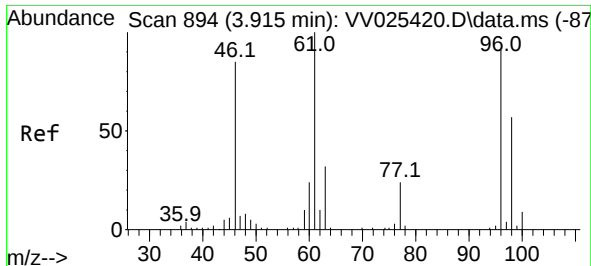
Tgt Ion: 43 Resp: 104737

Ion Ratio Lower Upper

43 100

72 29.5 15.2 45.6





#22

cis-1,2-Dichloroethene

Concen: 5.619 ug/L

RT: 3.915 min Scan# 894

Delta R.T. -0.000 min

Lab File: VV025436.D

Acq: 09 Apr 2022 01:46

Instrument :

MSVOA_V

ClientSampleId :

VSTD005303

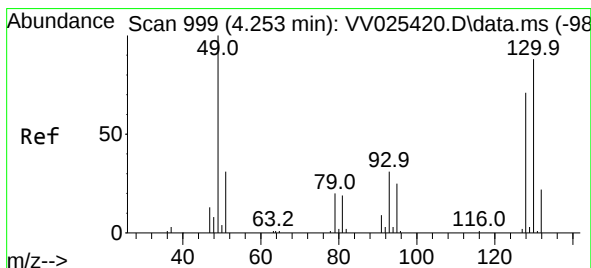
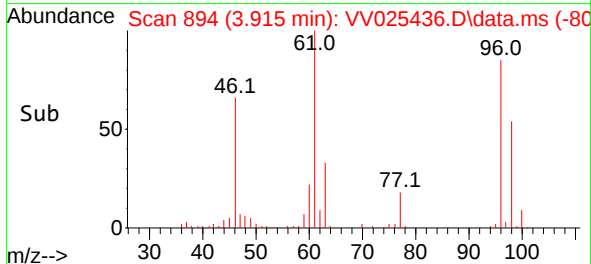
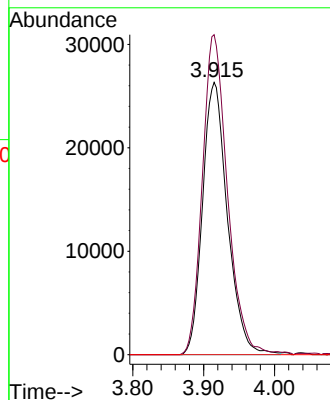
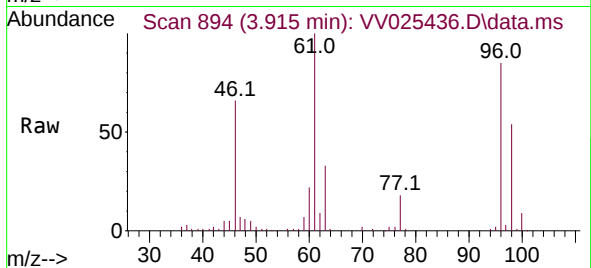
Tgt Ion: 96 Resp: 64238

Ion Ratio Lower Upper

96 100

61 117.5 80.0 148.6

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.943 ug/L

RT: 4.252 min Scan# 999

Delta R.T. -0.000 min

Lab File: VV025436.D

Acq: 09 Apr 2022 01:46

Tgt Ion: 128 Resp: 28210

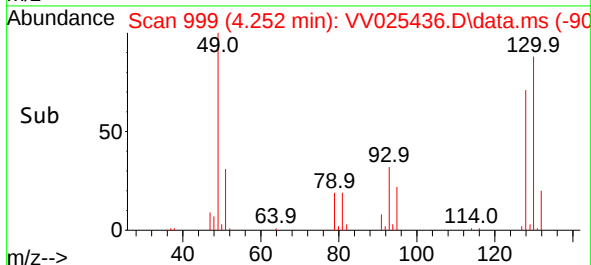
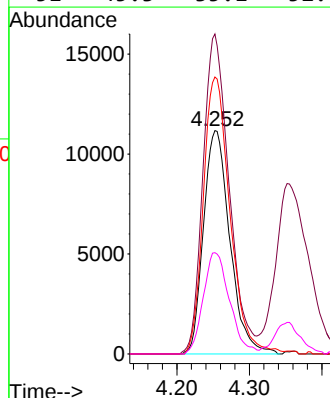
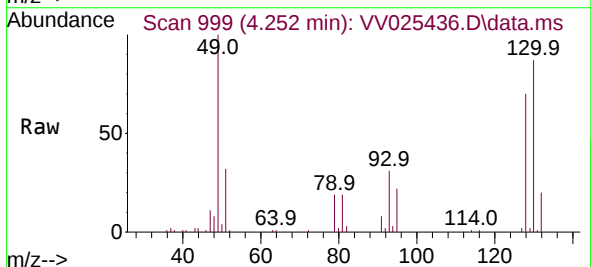
Ion Ratio Lower Upper

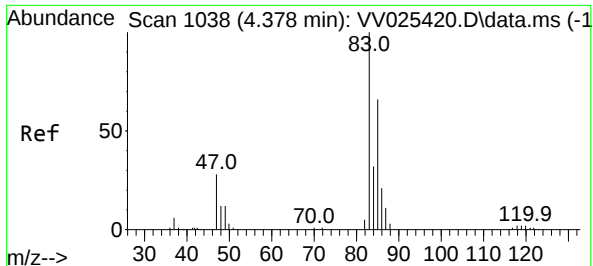
128 100

49 143.2 100.5 186.7

130 124.0 87.8 163.0

51 45.3 35.1 52.7

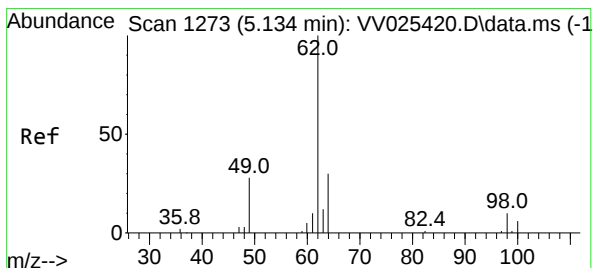
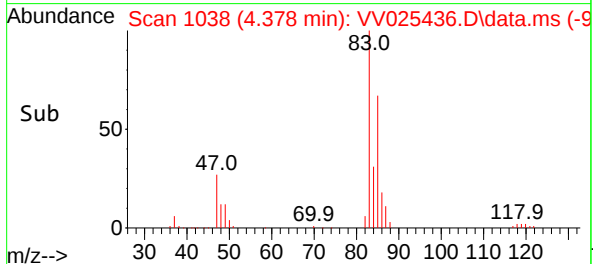
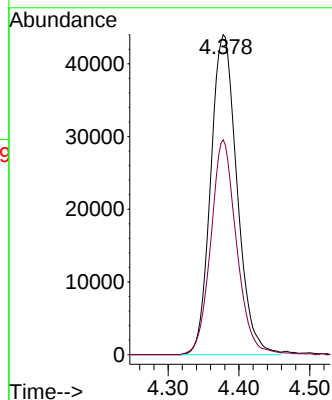
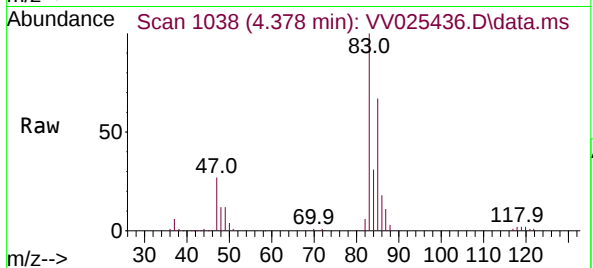




#25
Chloroform
Concen: 5.849 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VV025436.D
Acq: 09 Apr 2022 01:46

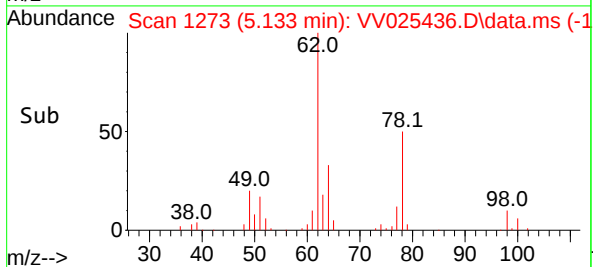
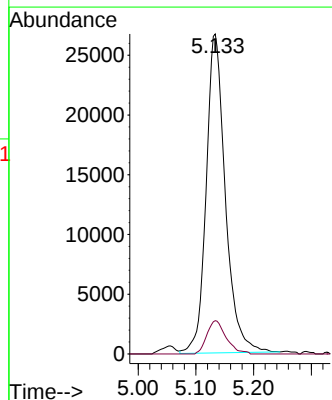
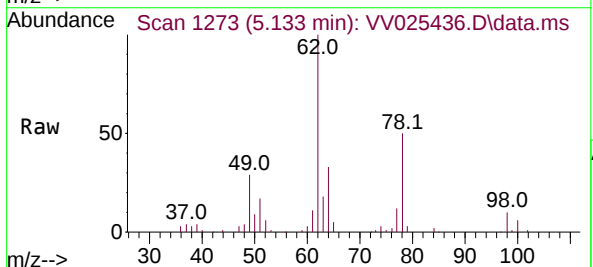
Instrument :
MSVOA_V
ClientSampleId :
VSTD005303

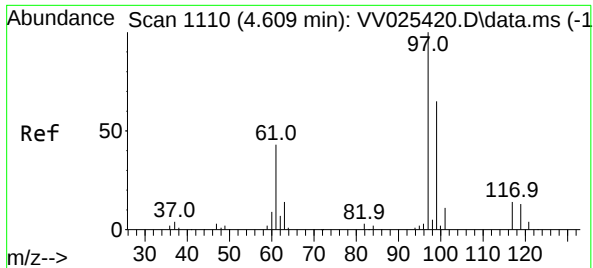
Tgt Ion: 83 Resp: 113572
Ion Ratio Lower Upper
83 100
85 67.2 43.5 80.7



#27
1,2-Dichloroethane
Concen: 6.023 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VV025436.D
Acq: 09 Apr 2022 01:46

Tgt Ion: 62 Resp: 61704
Ion Ratio Lower Upper
62 100
98 10.4 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 5.548 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VV025436.D

Acq: 09 Apr 2022 01:46

Instrument :

MSVOA_V

ClientSampleId :

VSTD005303

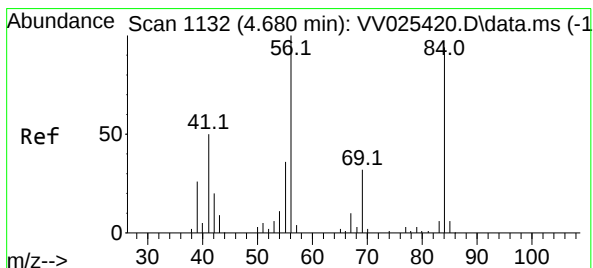
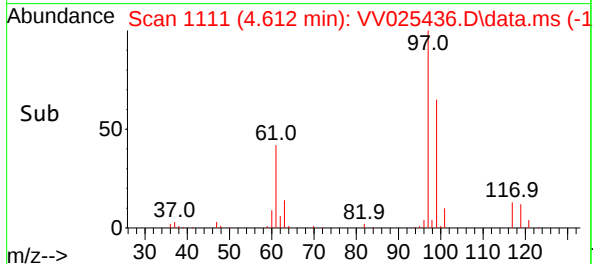
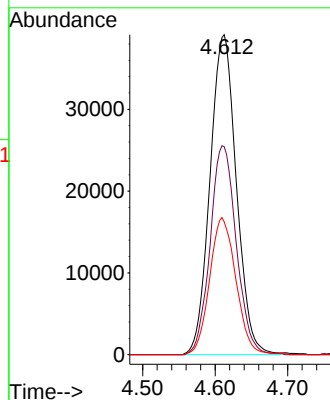
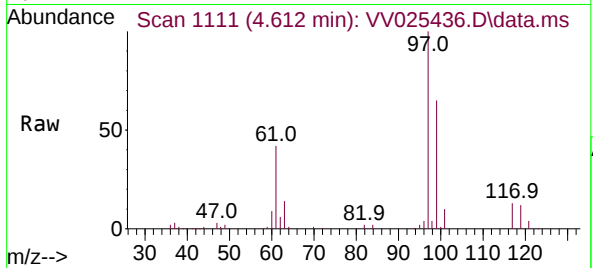
Tgt Ion: 97 Resp: 98878

Ion Ratio Lower Upper

97 100

99 64.9 51.5 77.3

61 42.7 34.3 51.5



#30

Cyclohexane

Concen: 5.093 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VV025436.D

Acq: 09 Apr 2022 01:46

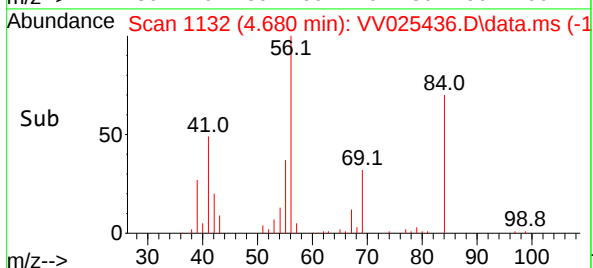
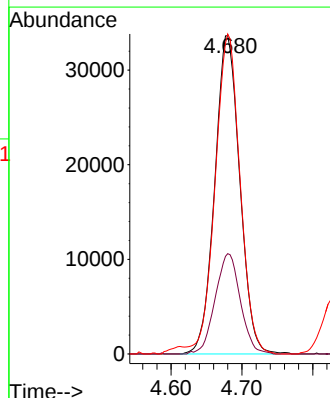
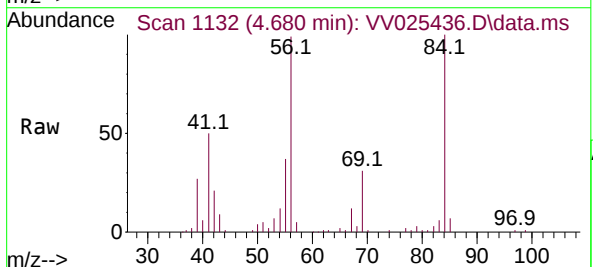
Tgt Ion: 56 Resp: 82516

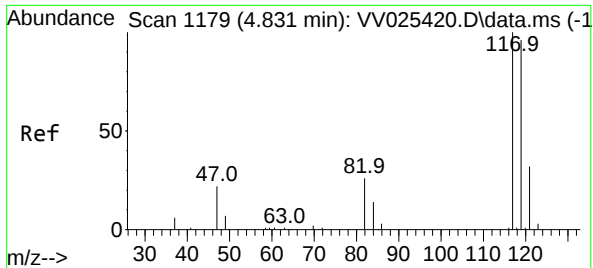
Ion Ratio Lower Upper

56 100

69 31.6 26.1 39.1

84 100.0 78.6 118.0

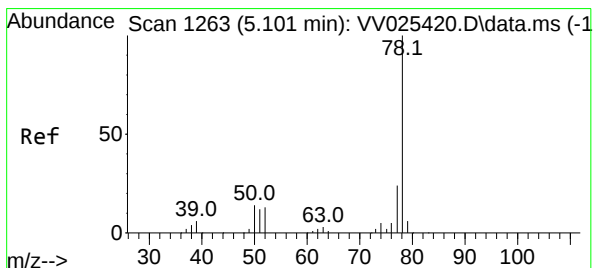
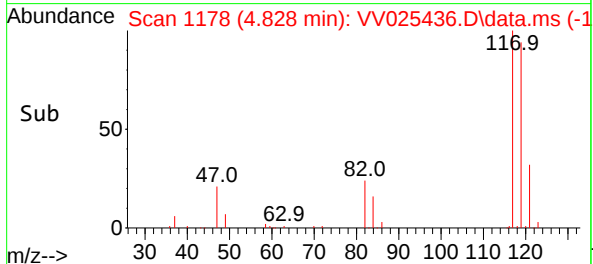
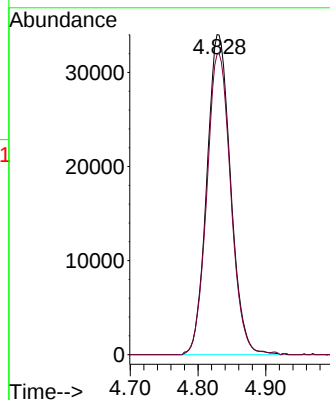
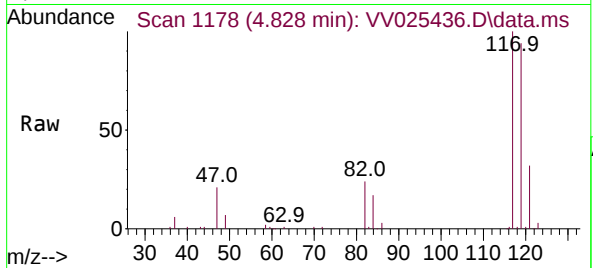




#31
Carbon tetrachloride
Concen: 5.508 ug/L
RT: 4.828 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VV025436.D
Acq: 09 Apr 2022 01:46

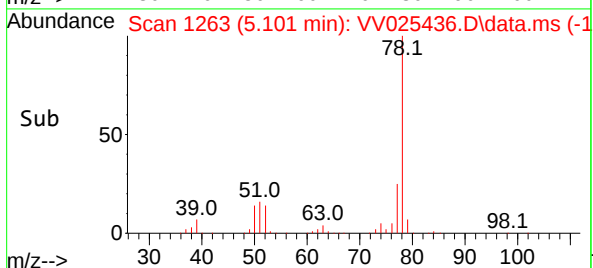
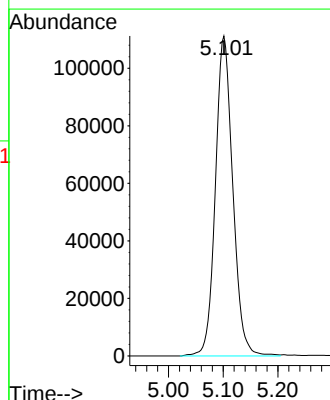
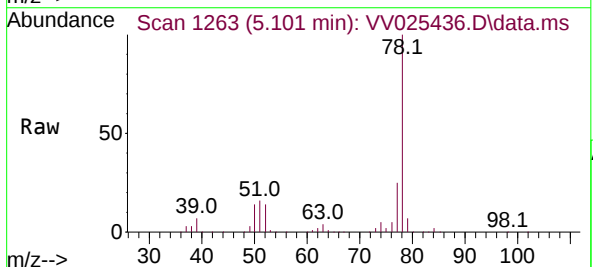
Instrument :
MSVOA_V
ClientSampleId :
VSTD005303

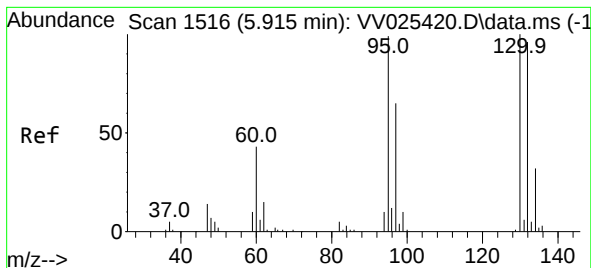
Tgt Ion:117 Resp: 83011
Ion Ratio Lower Upper
117 100
119 94.5 76.6 114.8



#33
Benzene
Concen: 5.507 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV025436.D
Acq: 09 Apr 2022 01:46

Tgt Ion: 78 Resp: 245791





#34

Trichloroethene

Concen: 5.442 ug/L

RT: 5.915 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV025436.D

Acq: 09 Apr 2022 01:46

Instrument :

MSVOA_V

ClientSampleId :

VSTD005303

Tgt Ion: 95 Resp: 64500

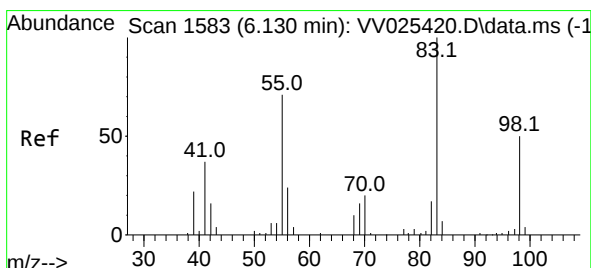
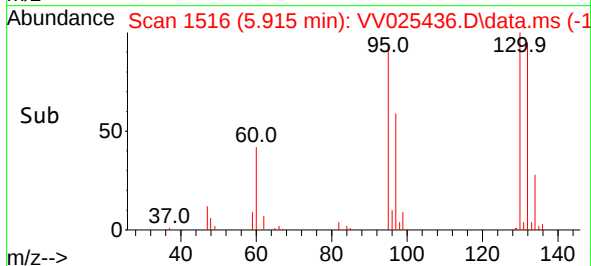
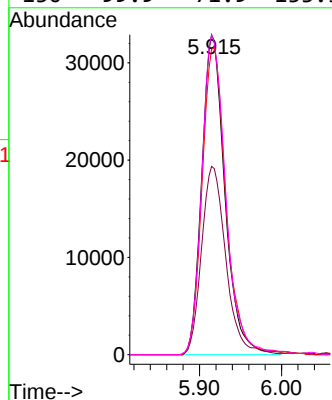
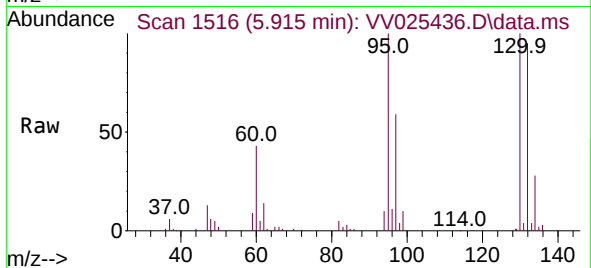
Ion Ratio Lower Upper

95 100

97 58.8 45.8 85.2

132 95.4 68.0 126.4

130 99.9 71.9 133.5



#35

Methylcyclohexane

Concen: 4.564 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. -0.000 min

Lab File: VV025436.D

Acq: 09 Apr 2022 01:46

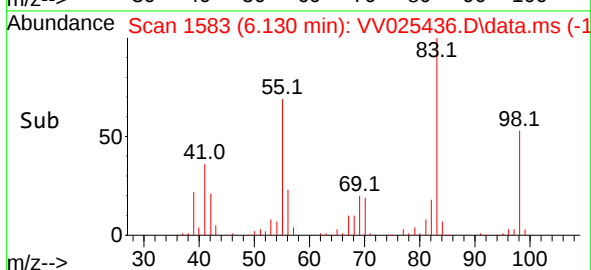
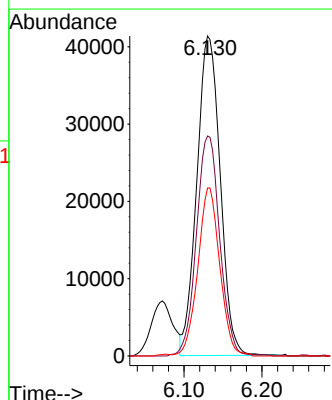
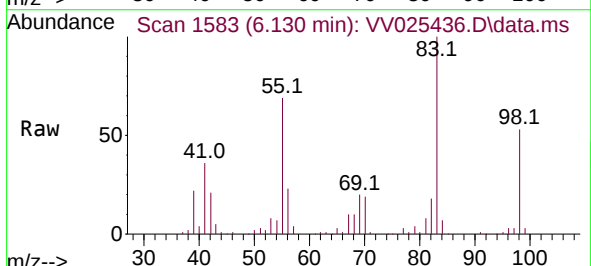
Tgt Ion: 83 Resp: 86307

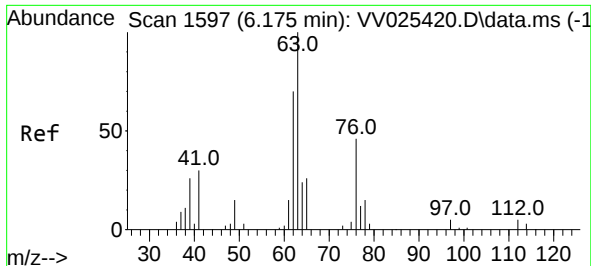
Ion Ratio Lower Upper

83 100

55 68.6 53.7 80.5

98 49.4 39.6 59.4





#37

1,2-Dichloropropane

Concen: 5.684 ug/L

RT: 6.172 min Scan# 1596

Delta R.T. -0.003 min

Lab File: VV025436.D

Acq: 09 Apr 2022 01:46

Instrument :

MSVOA_V

ClientSampleId :

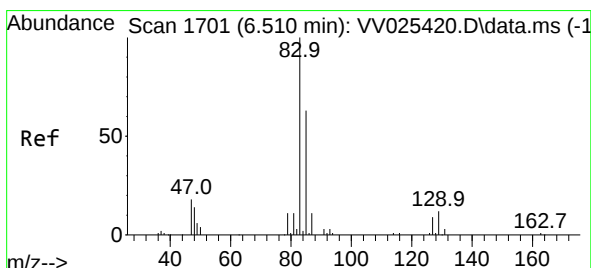
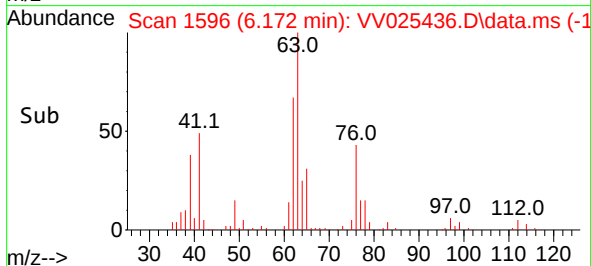
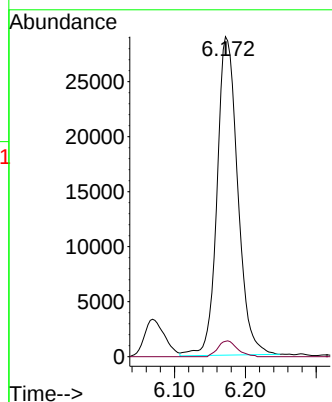
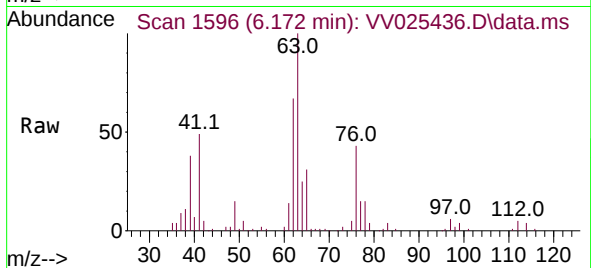
VSTD005303

Tgt Ion: 63 Resp: 58690

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 5.679 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VV025436.D

Acq: 09 Apr 2022 01:46

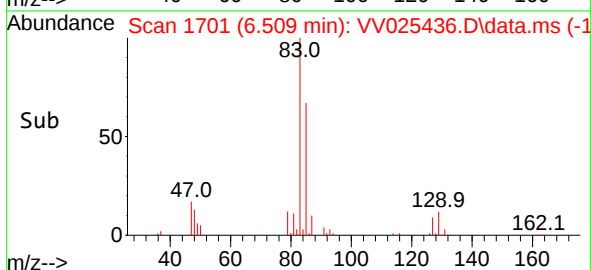
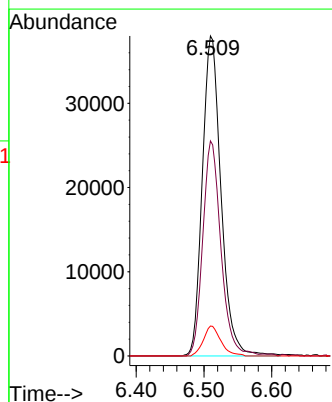
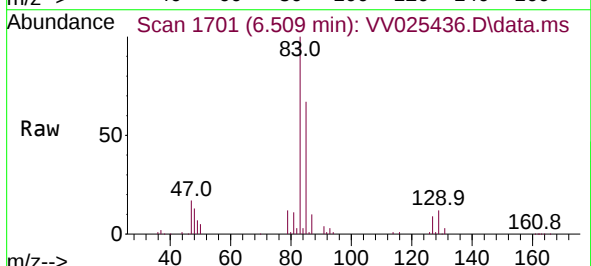
Tgt Ion: 83 Resp: 72797

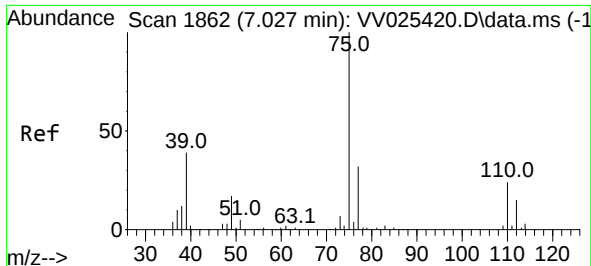
Ion Ratio Lower Upper

83 100

85 67.2 44.4 82.4

127 9.4 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.474 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. -0.000 min

Lab File: VV025436.D

Acq: 09 Apr 2022 01:46

Instrument :

MSVOA_V

ClientSampleId :

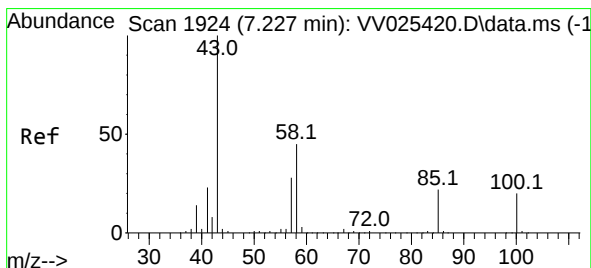
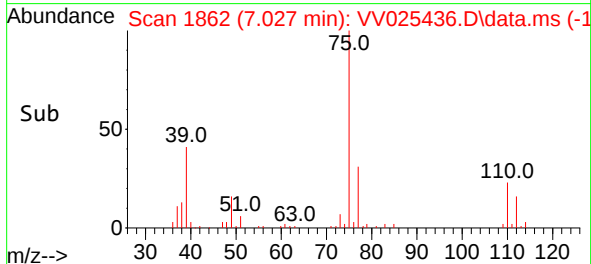
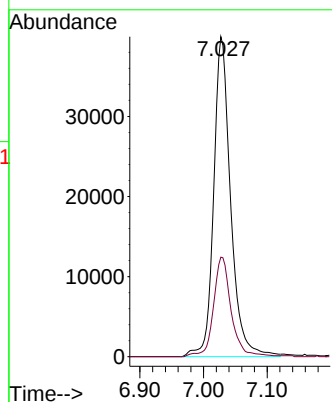
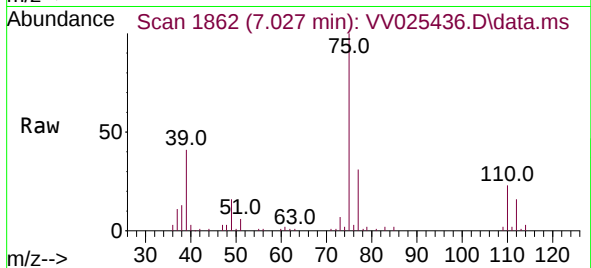
VSTD005303

Tgt Ion: 75 Resp: 74069

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 65.270 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV025436.D

Acq: 09 Apr 2022 01:46

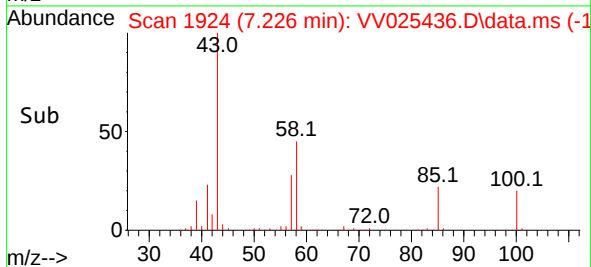
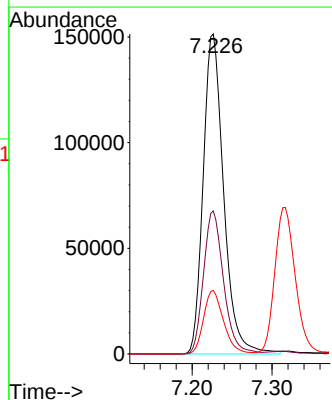
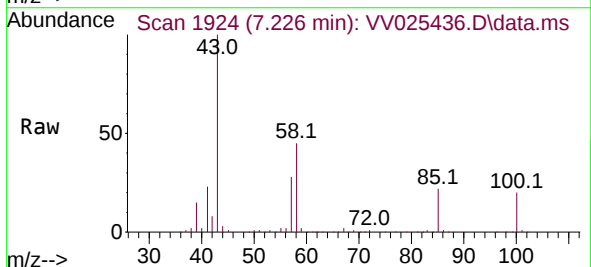
Tgt Ion: 43 Resp: 269856

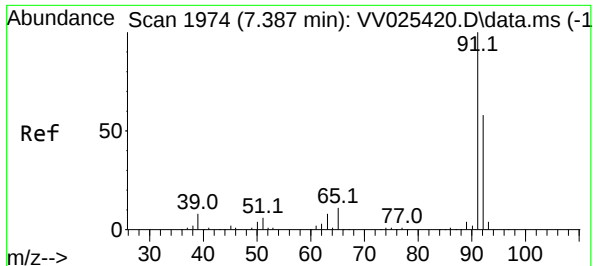
Ion Ratio Lower Upper

43 100

58 43.9 35.1 52.7

100 19.4 15.3 22.9





#42

Toluene

Concen: 5.496 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV025436.D

Acq: 09 Apr 2022 01:46

Instrument :

MSVOA_V

ClientSampleId :

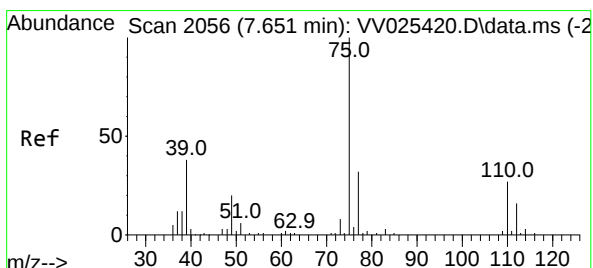
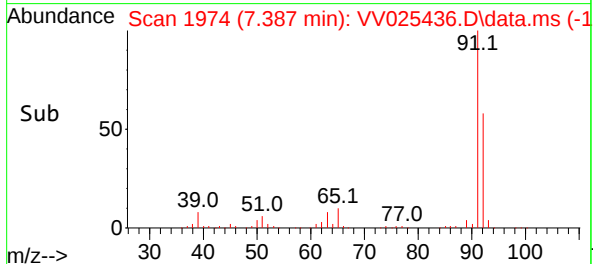
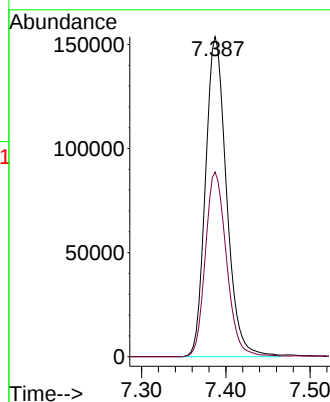
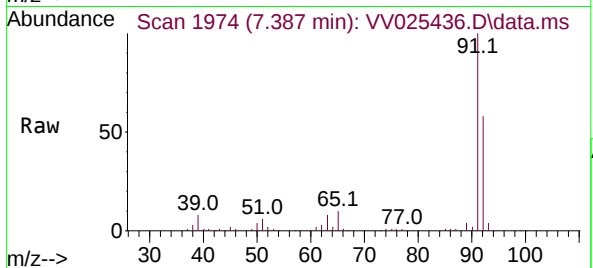
VSTD005303

Tgt Ion: 91 Resp: 266823

Ion Ratio Lower Upper

91 100

92 57.7 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.687 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV025436.D

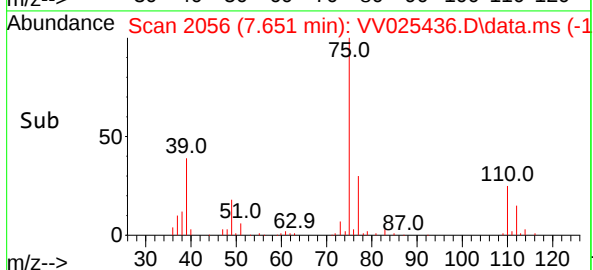
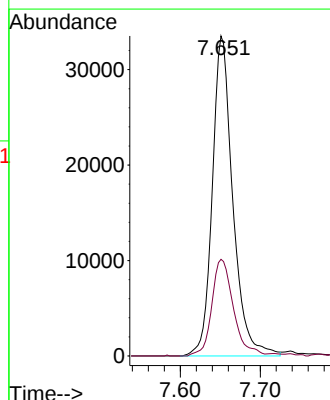
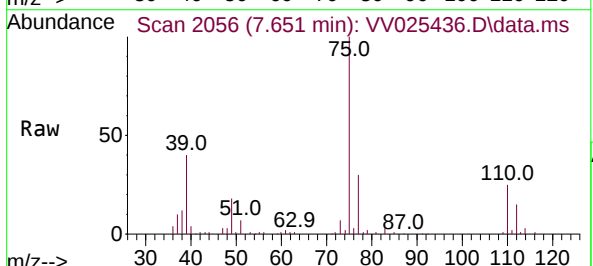
Acq: 09 Apr 2022 01:46

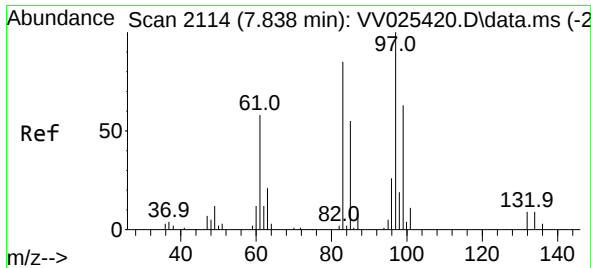
Tgt Ion: 75 Resp: 59790

Ion Ratio Lower Upper

75 100

77 30.2 21.7 40.3



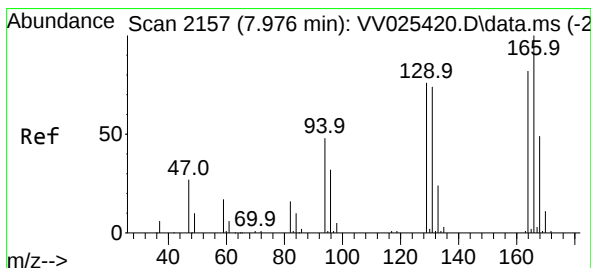
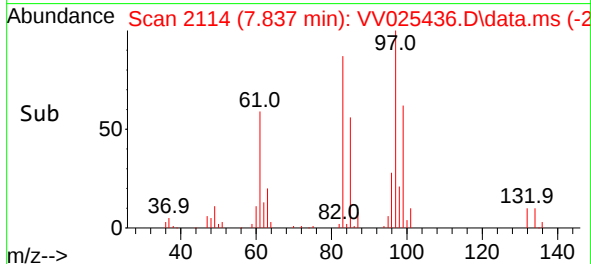
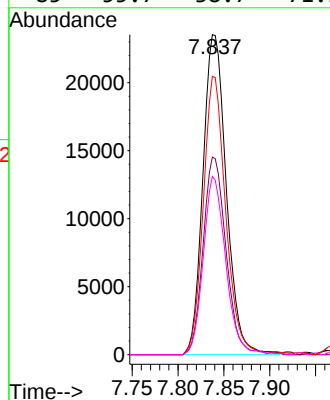
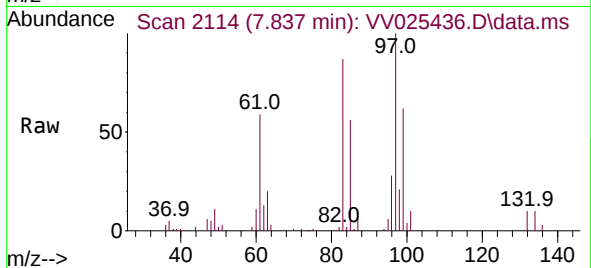


#45
1,1,2-Trichloroethane
Concen: 6.049 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV025436.D
Acq: 09 Apr 2022 01:46

Instrument :
MSVOA_V
ClientSampleId :
VSTD005303

Tgt Ion: 97 Resp: 41829

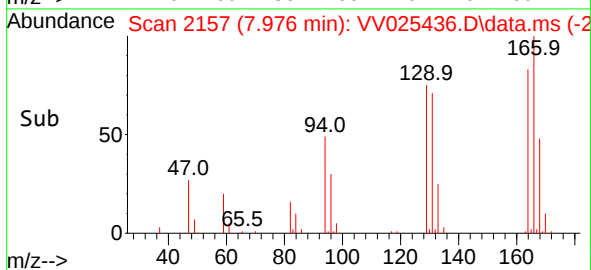
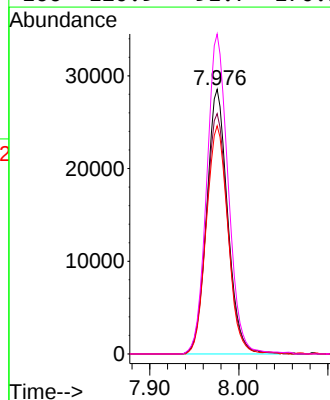
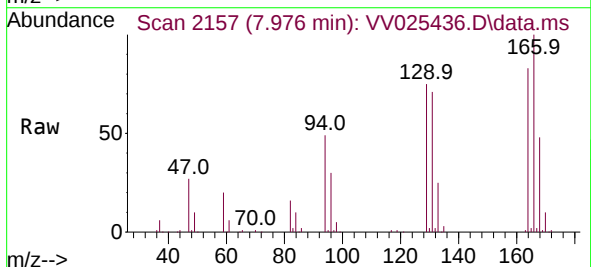
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.8	81.4
83	87.0	60.3	112.1
85	55.7	38.7	71.9

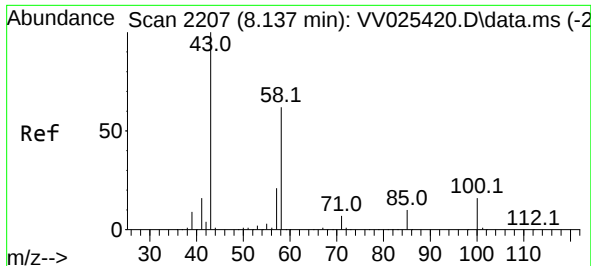


#47
Tetrachloroethene
Concen: 5.037 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV025436.D
Acq: 09 Apr 2022 01:46

Tgt Ion: 164 Resp: 46733

Ion	Ratio	Lower	Upper
164	100		
129	90.8	66.8	124.2
131	86.2	66.4	123.4
166	120.9	91.7	170.3

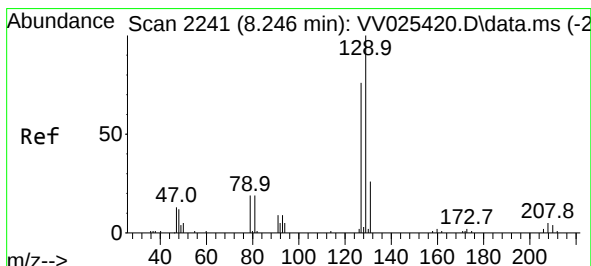
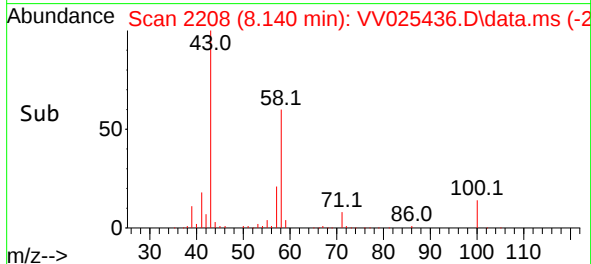
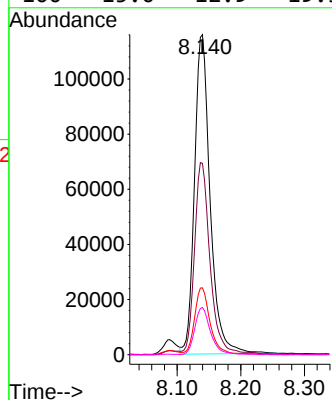
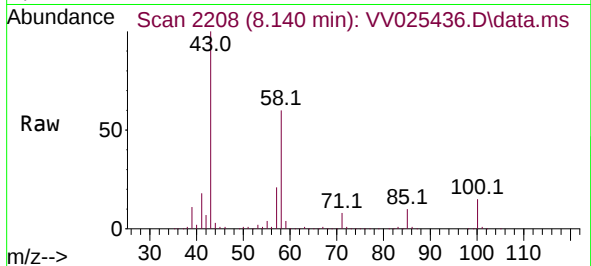




#48
2-Hexanone
Concen: 68.659 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV025436.D
Acq: 09 Apr 2022 01:46

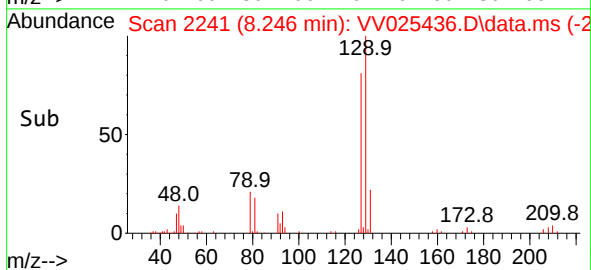
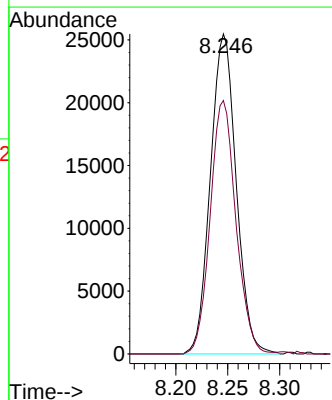
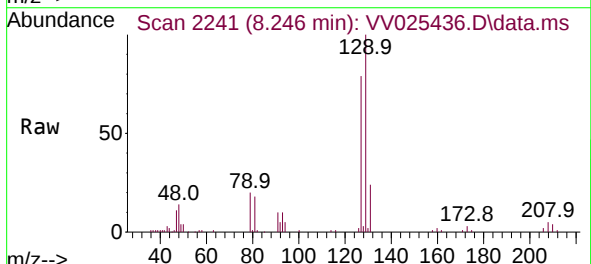
Instrument :
MSVOA_V
ClientSampleId :
VSTD005303

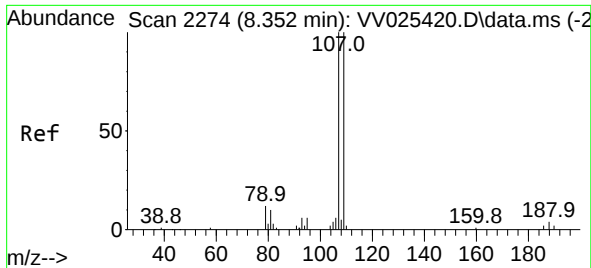
Tgt Ion: 43 Resp: 197829
Ion Ratio Lower Upper
43 100
58 59.6 49.7 74.5
57 21.2 16.4 24.6
100 15.0 12.9 19.3



#49
Dibromochloromethane
Concen: 5.796 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV025436.D
Acq: 09 Apr 2022 01:46

Tgt Ion: 129 Resp: 44000
Ion Ratio Lower Upper
129 100
127 79.2 53.8 100.0





#50

1,2-Dibromoethane

Concen: 5.713 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV025436.D

Acq: 09 Apr 2022 01:46

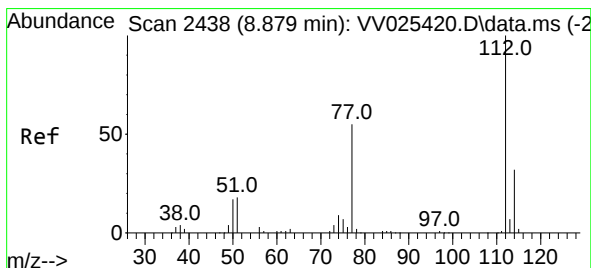
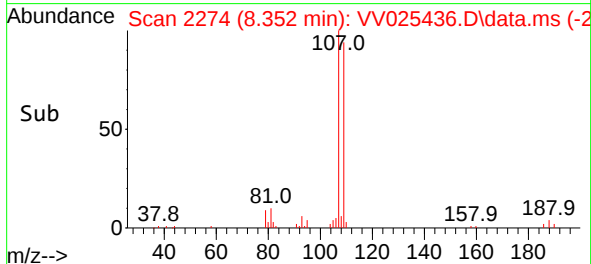
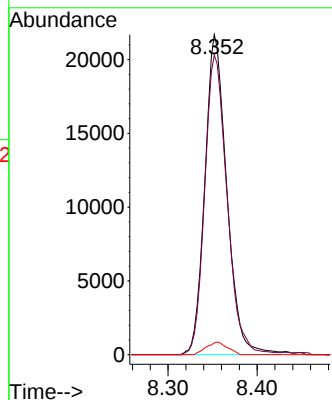
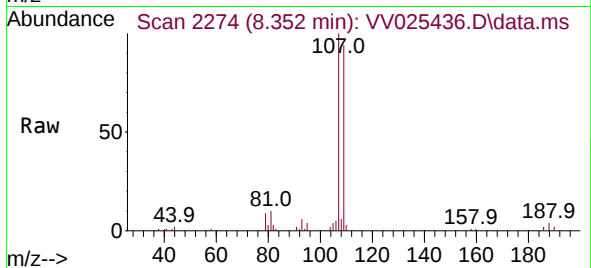
Instrument :

MSVOA_V

ClientSampleId :

VSTD005303

Tgt Ion:	107	Resp:	37109
Ion	Ratio	Lower	Upper
107	100		
109	93.6	65.9	122.3
188	3.6	2.7	4.1



#51

Chlorobenzene

Concen: 5.329 ug/L

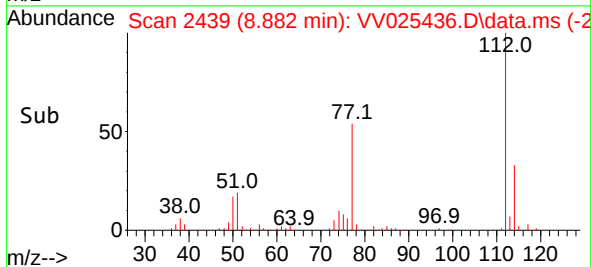
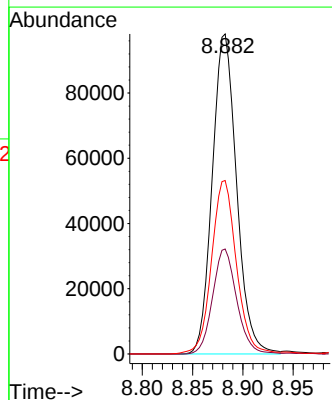
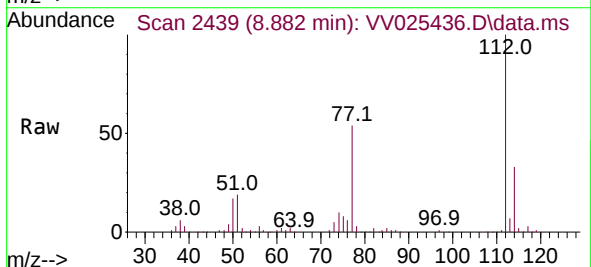
RT: 8.882 min Scan# 2439

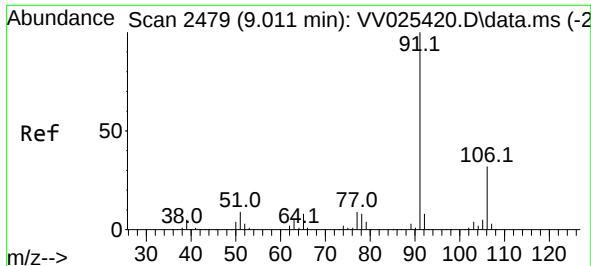
Delta R.T. 0.003 min

Lab File: VV025436.D

Acq: 09 Apr 2022 01:46

Tgt Ion:	112	Resp:	165220
Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.4	41.6
77	54.2	43.7	65.5

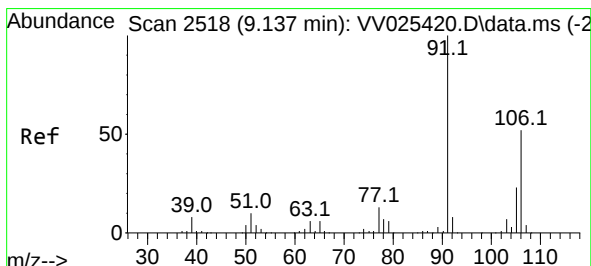
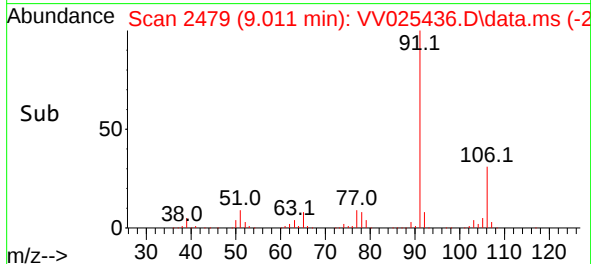
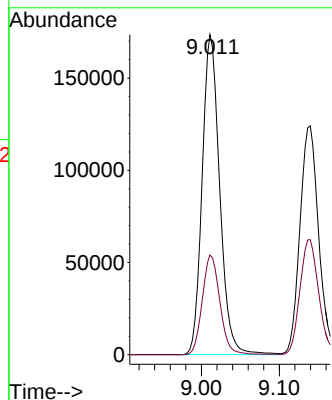
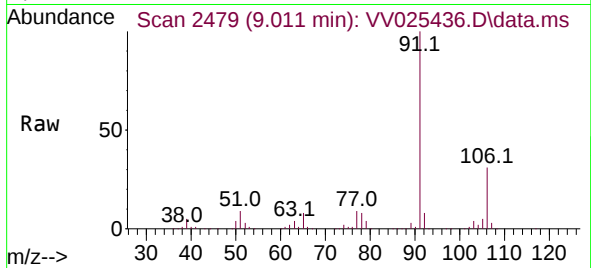




#52
Ethylbenzene
Concen: 5.246 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV025436.D
Acq: 09 Apr 2022 01:46

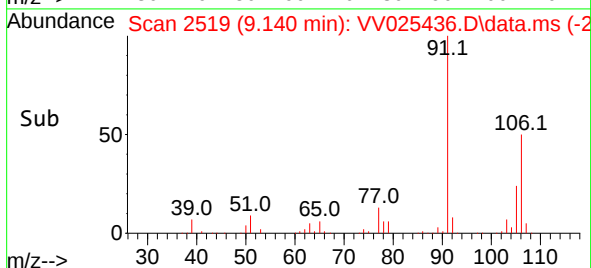
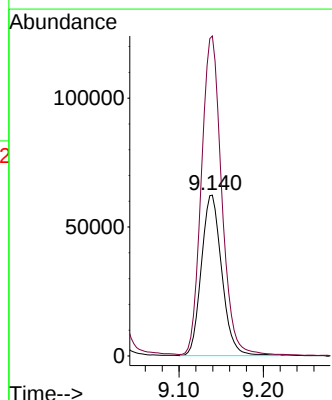
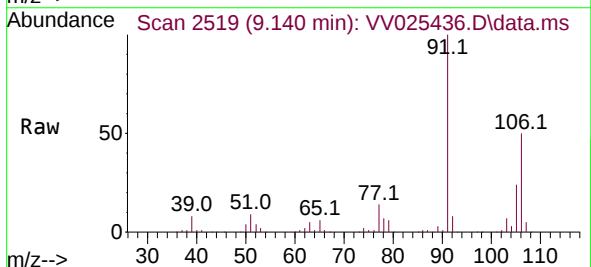
Instrument :
MSVOA_V
ClientSampleId :
VSTD005303

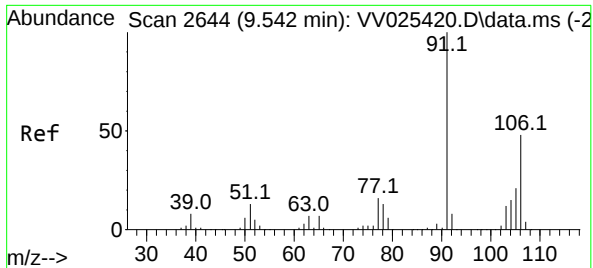
Tgt Ion: 91 Resp: 271632
Ion Ratio Lower Upper
91 100
106 31.1 22.3 41.3



#53
m,p-Xylene
Concen: 5.328 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV025436.D
Acq: 09 Apr 2022 01:46

Tgt Ion: 106 Resp: 104898
Ion Ratio Lower Upper
106 100
91 198.9 136.4 253.4

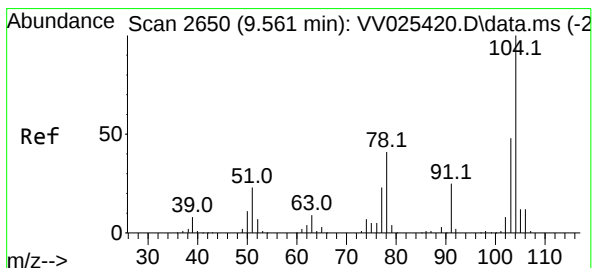
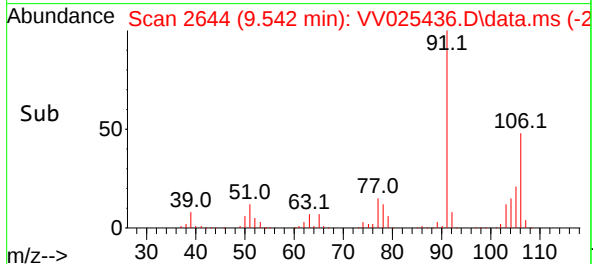
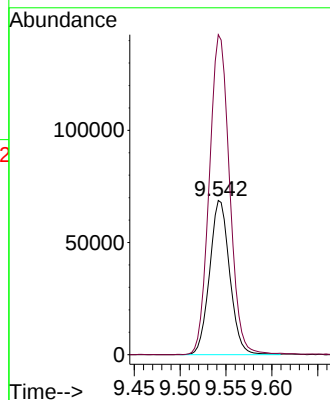
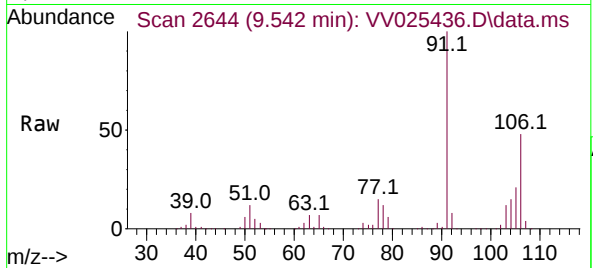




#54
o-Xylene
Concen: 5.479 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025436.D
Acq: 09 Apr 2022 01:46

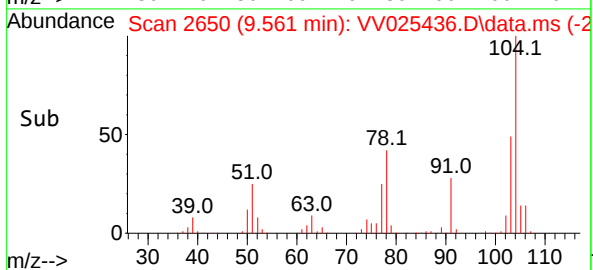
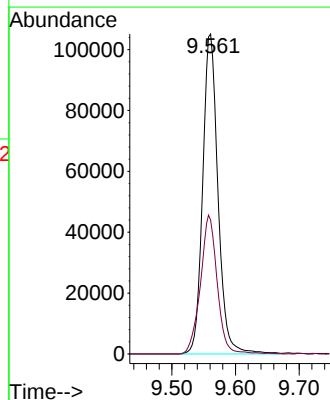
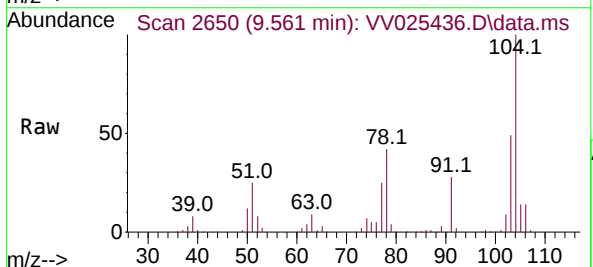
Instrument : MSVOA_V
ClientSampleId : VSTD005303

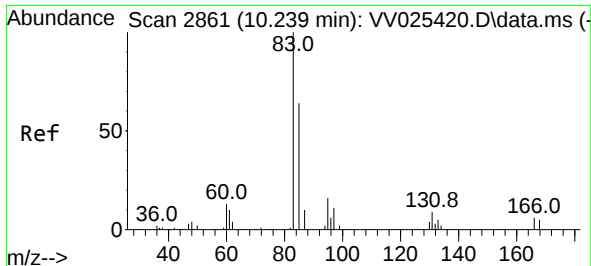
Tgt Ion:106 Resp: 104780
Ion Ratio Lower Upper
106 100
91 207.6 150.4 279.2



#55
Styrene
Concen: 5.660 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV025436.D
Acq: 09 Apr 2022 01:46

Tgt Ion:104 Resp: 175996
Ion Ratio Lower Upper
104 100
78 41.8 28.3 52.7

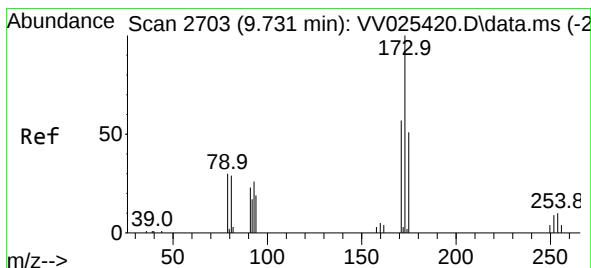
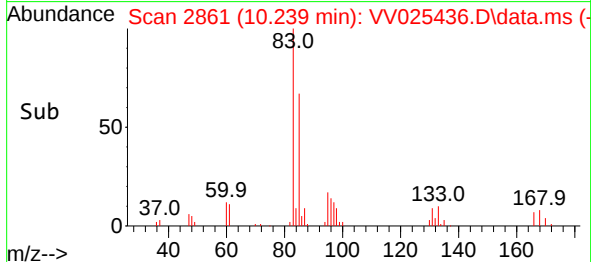
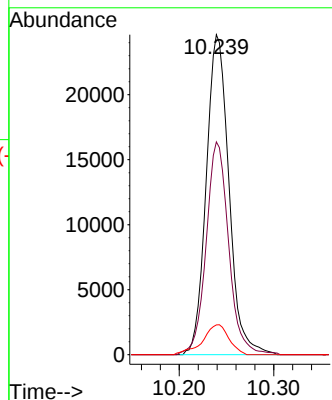
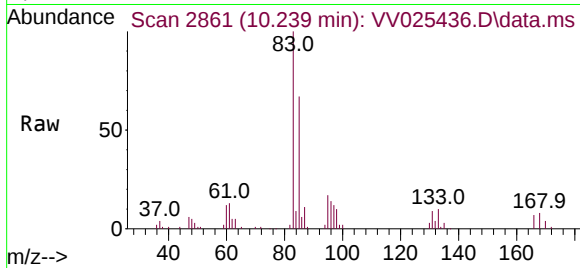




#57
1,1,2,2-Tetrachloroethane
Concen: 5.941 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV025436.D
Acq: 09 Apr 2022 01:46

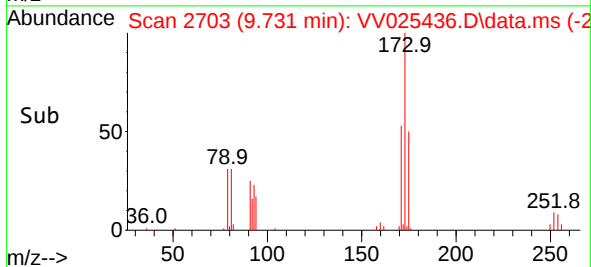
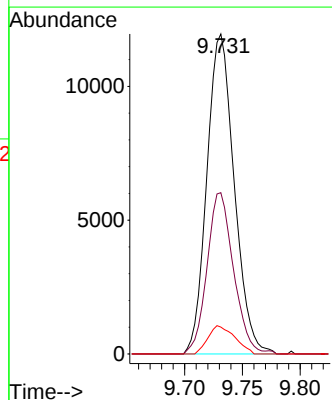
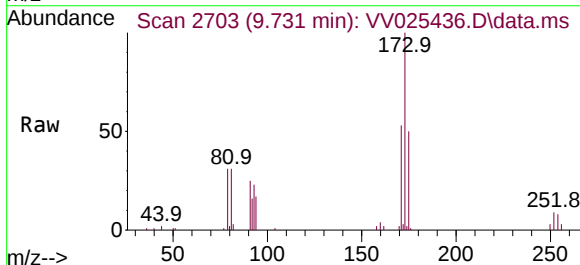
Instrument :
MSVOA_V
ClientSampleId :
VSTD005303

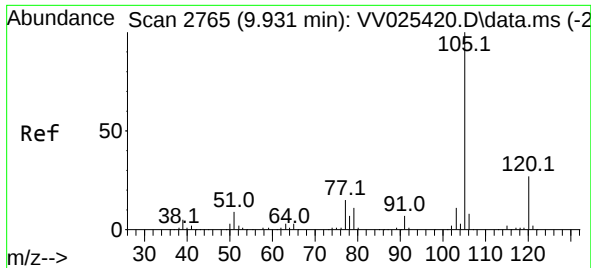
Tgt Ion:	83	Resp:	41048
Ion	Ratio	Lower	Upper
83	100		
85	66.5	45.1	83.9
131	9.3	7.9	11.9



#59
Bromoform
Concen: 6.002 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV025436.D
Acq: 09 Apr 2022 01:46

Tgt Ion:	173	Resp:	19689
Ion	Ratio	Lower	Upper
173	100		
175	48.8	40.8	61.2
254	8.6	7.0	10.6

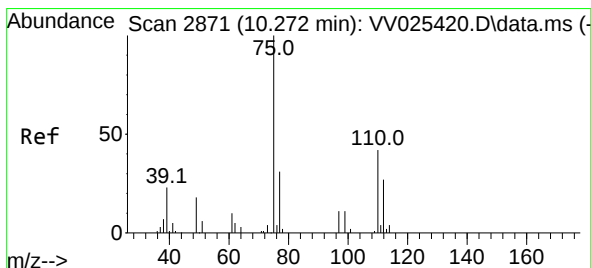
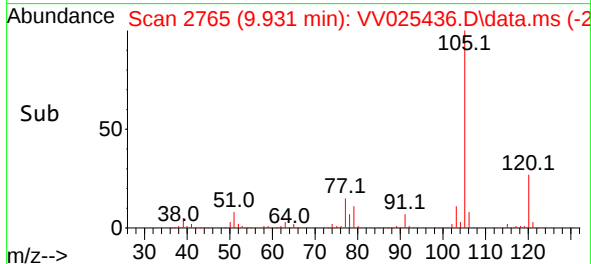
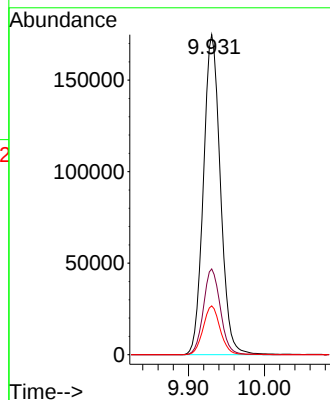
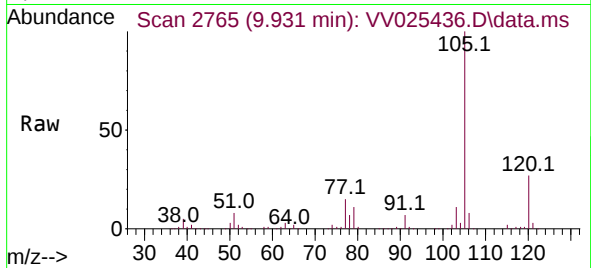




#60
Isopropylbenzene
Concen: 5.513 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV025436.D
Acq: 09 Apr 2022 01:46

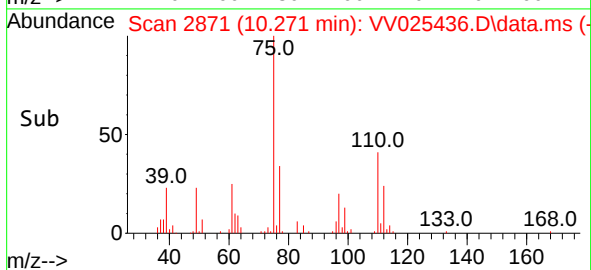
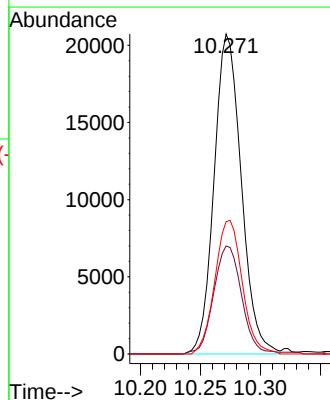
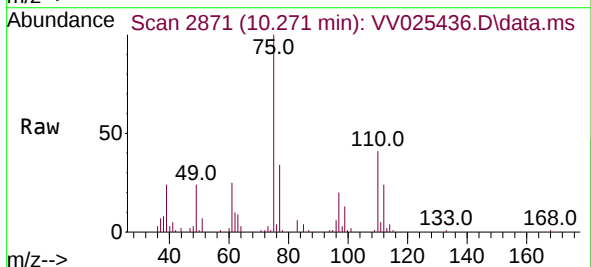
Instrument :
MSVOA_V
ClientSampleId :
VSTD005303

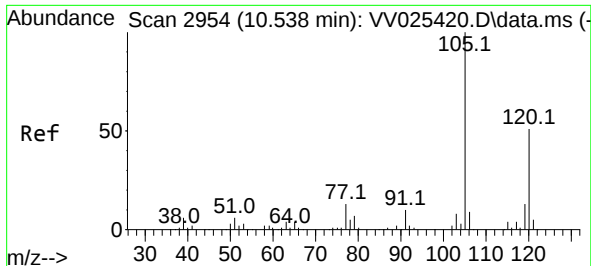
Tgt Ion:105 Resp: 271167
Ion Ratio Lower Upper
105 100
120 26.7 21.2 31.8
77 15.3 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 6.240 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025436.D
Acq: 09 Apr 2022 01:46

Tgt Ion: 75 Resp: 32659
Ion Ratio Lower Upper
75 100
77 34.6 25.6 38.4
110 42.1 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 5.294 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV025436.D

Acq: 09 Apr 2022 01:46

Instrument :

MSVOA_V

ClientSampleId :

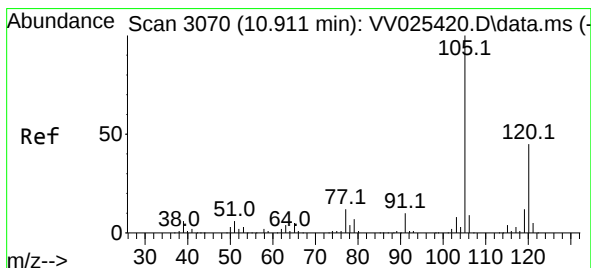
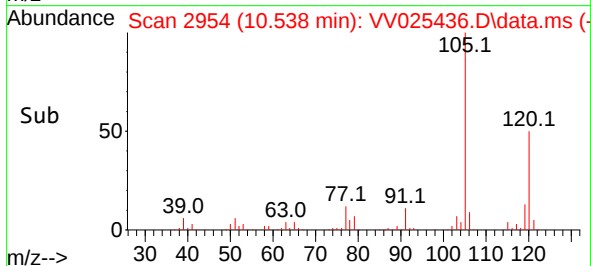
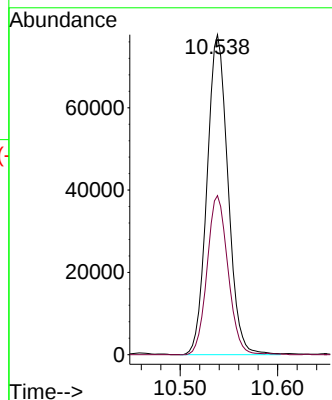
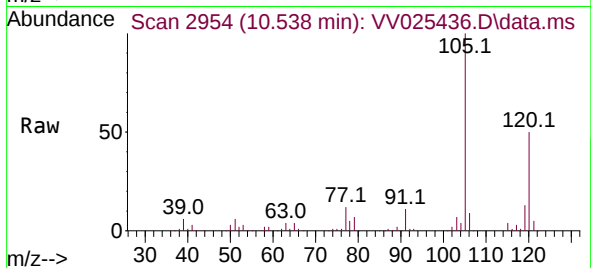
VSTD005303

Tgt Ion:105 Resp: 116123

Ion Ratio Lower Upper

105 100

120 49.4 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 5.341 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV025436.D

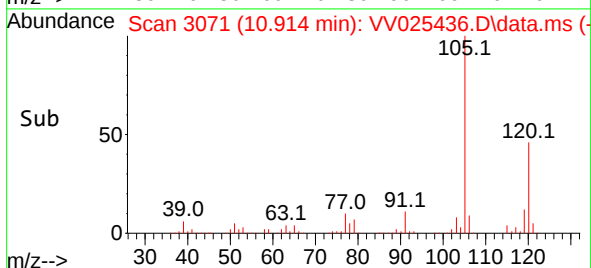
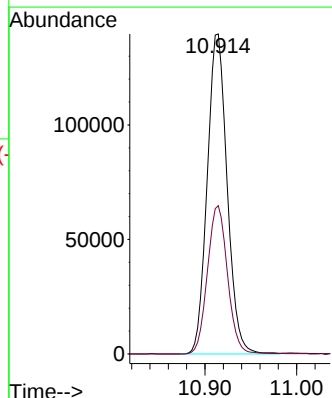
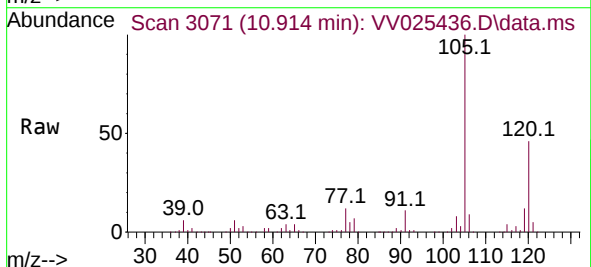
Acq: 09 Apr 2022 01:46

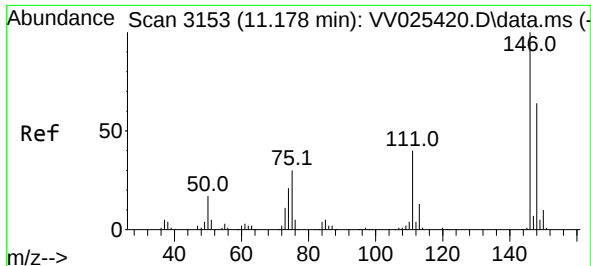
Tgt Ion:105 Resp: 211070

Ion Ratio Lower Upper

105 100

120 46.8 36.6 55.0

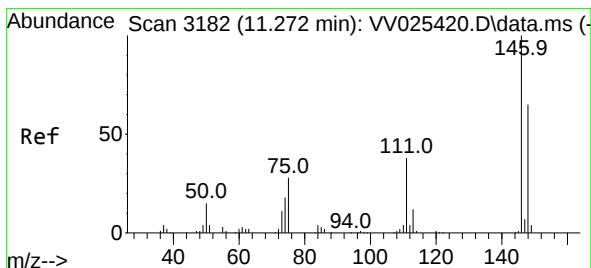
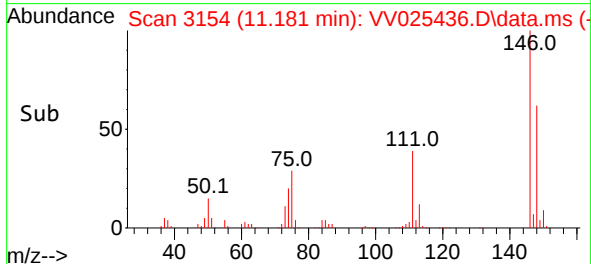
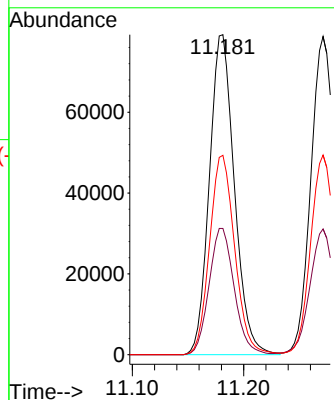
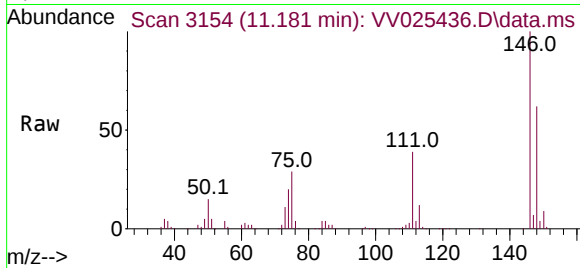




#64
1,3-Dichlorobenzene
Concen: 5.378 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV025436.D
Acq: 09 Apr 2022 01:46

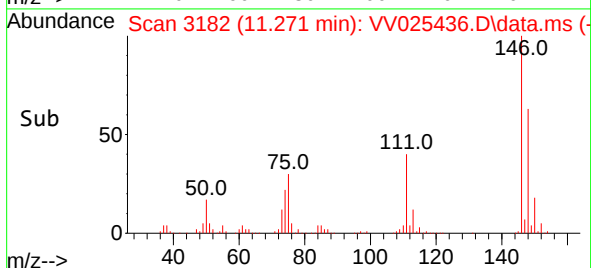
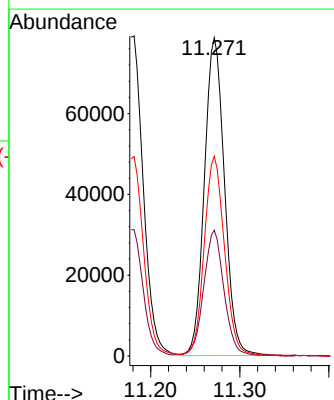
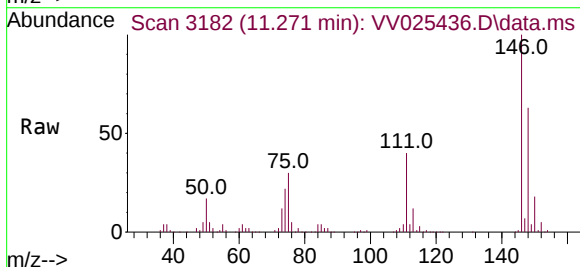
Instrument :
MSVOA_V
ClientSampleId :
VSTD005303

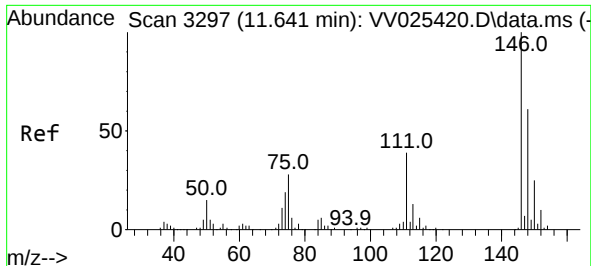
Tgt Ion:146 Resp: 123472
Ion Ratio Lower Upper
146 100
111 39.5 27.4 50.8
148 62.3 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 5.287 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV025436.D
Acq: 09 Apr 2022 01:46

Tgt Ion:146 Resp: 123230
Ion Ratio Lower Upper
146 100
111 39.5 26.7 49.7
148 62.8 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 5.546 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV025436.D

Acq: 09 Apr 2022 01:46

Instrument :

MSVOA_V

ClientSampleId :

VSTD005303

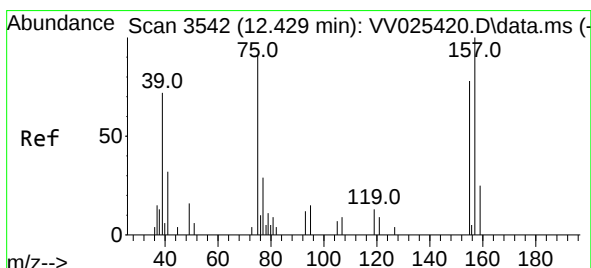
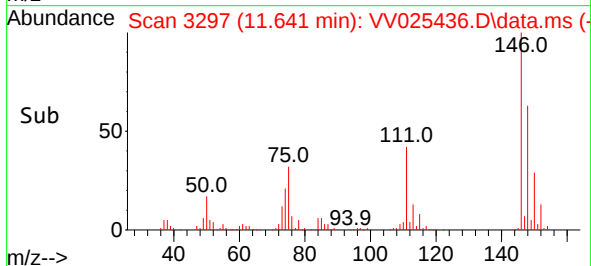
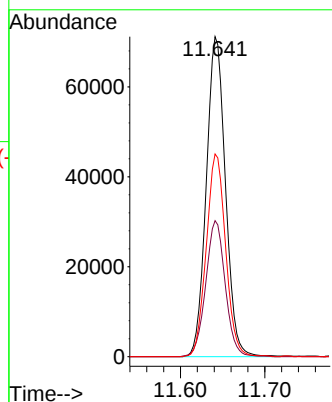
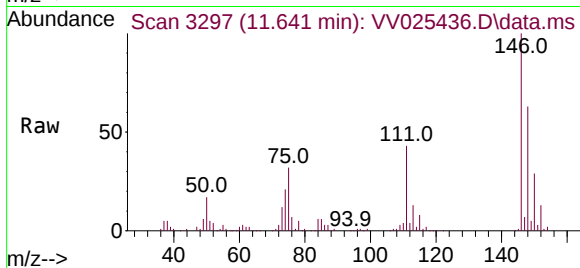
Tgt Ion:146 Resp: 112773

Ion Ratio Lower Upper

146 100

111 42.5 33.6 50.4

148 63.3 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 6.499 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.003 min

Lab File: VV025436.D

Acq: 09 Apr 2022 01:46

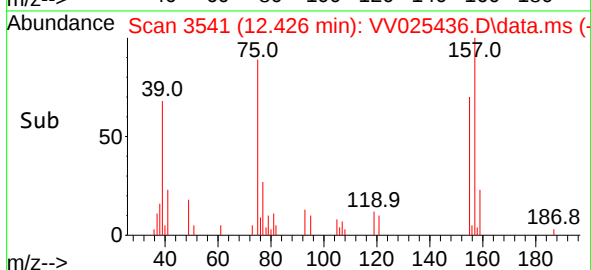
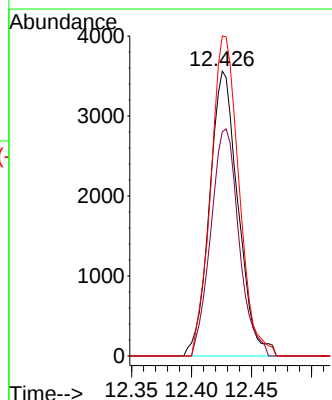
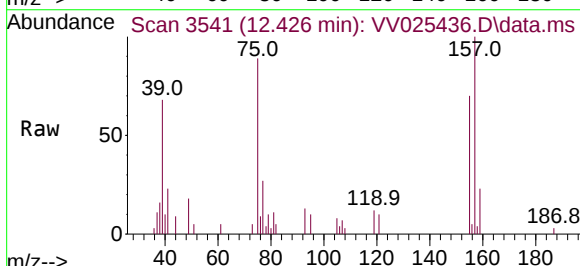
Tgt Ion: 75 Resp: 5881

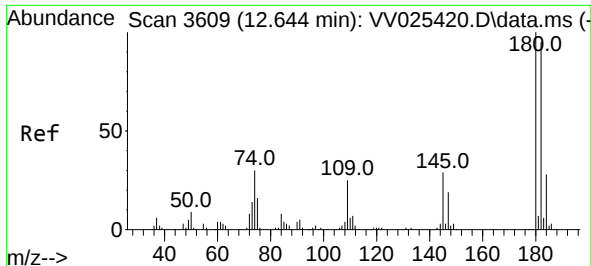
Ion Ratio Lower Upper

75 100

155 78.7 65.8 98.8

157 112.4 86.6 130.0

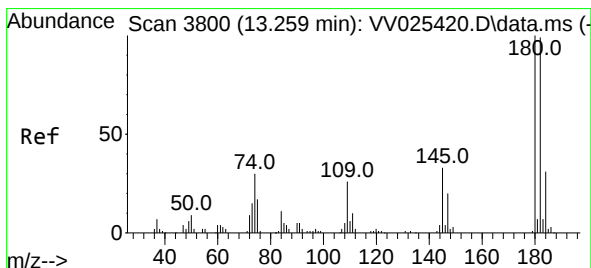
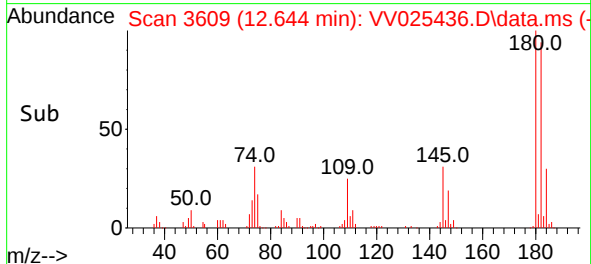
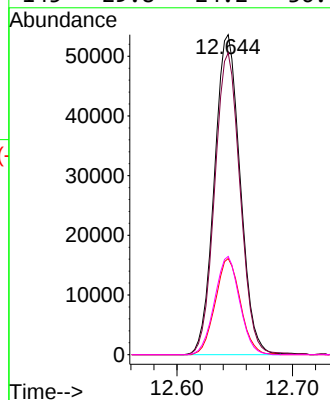
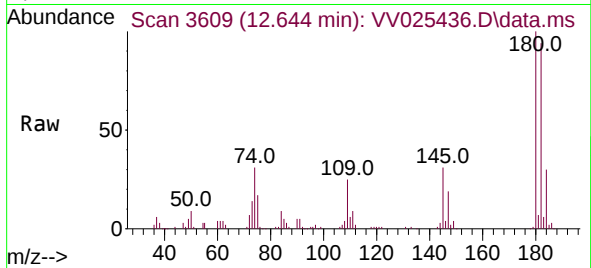




#69
 1,3,5-Trichlorobenzene
 Concen: 4.758 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV025436.D
 Acq: 09 Apr 2022 01:46

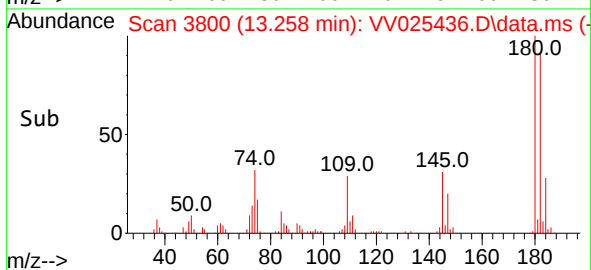
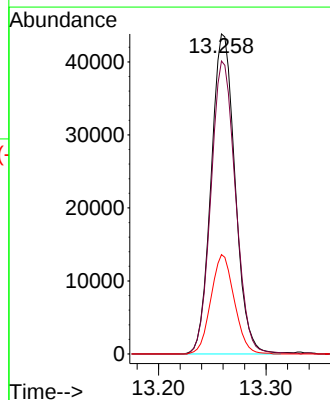
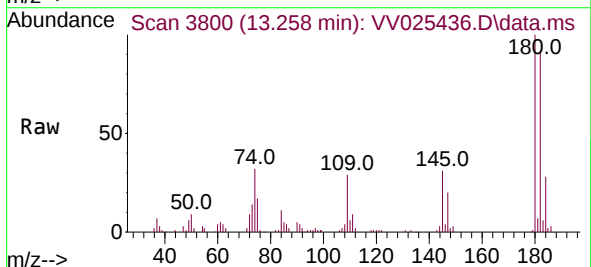
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005303

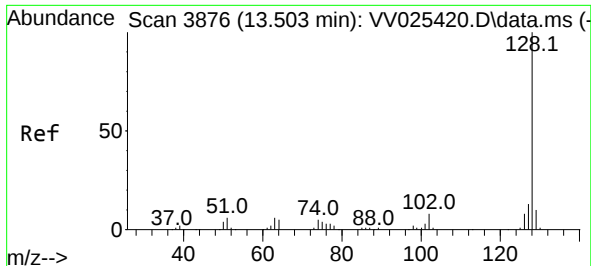
Tgt Ion:180	Resp:	83111
Ion Ratio	Lower	Upper
180	100	
182	93.0	75.3 112.9
184	29.3	23.4 35.2
145	29.8	24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 5.031 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV025436.D
 Acq: 09 Apr 2022 01:46

Tgt Ion:180	Resp:	67749
Ion Ratio	Lower	Upper
180	100	
182	93.9	76.6 114.8
145	30.3	24.6 36.8

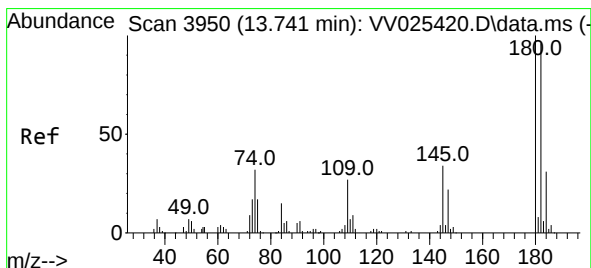
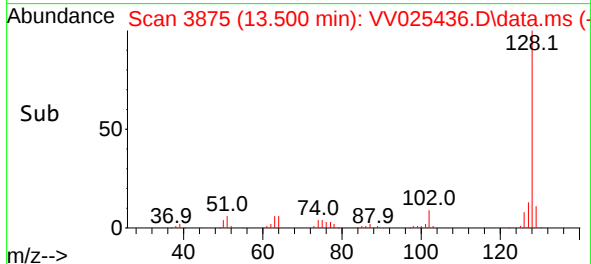
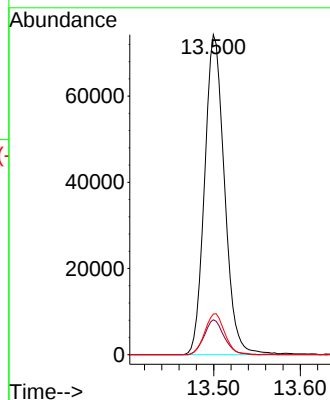
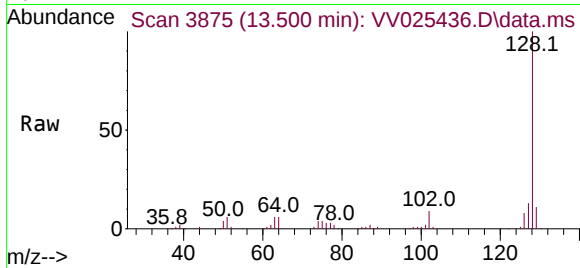




#71
Naphthalene
Concen: 5.993 ug/L
RT: 13.500 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV025436.D
Acq: 09 Apr 2022 01:46

Instrument :
MSVOA_V
ClientSampleId :
VSTD005303

Tgt Ion:128 Resp: 118388
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.8 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.550 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025436.D
Acq: 09 Apr 2022 01:46

Tgt Ion:180 Resp: 61884
Ion Ratio Lower Upper
180 100
182 95.7 77.7 116.5
145 33.4 27.4 41.2

