

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021722\
 Data File : VW024719.D
 Acq On : 17 Feb 2022 13:29
 Operator : SY/MD
 Sample : VSTD020
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020218

Quant Time: Feb 18 07:08:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 07:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	185727	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	176267	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	86617	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	311964	19.866	ug/L	0.00
7) Chloroethane-d5	1.568	69	243257	18.465	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	545088	16.466	ug/L	0.00
20) 2-Butanone-d5	3.886	46	489705	191.928	ug/L	0.00
24) Chloroform-d	4.349	84	489215	18.357	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	217366	18.002	ug/L	0.00
32) Benzene-d6	5.050	84	1021895	20.512	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	298480	19.351	ug/L	0.00
41) Toluene-d8	7.314	98	955956	20.586	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	113381	18.822	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	459708	213.228	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	189625	20.771	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	299681	21.370	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	344923	15.002	ug/L	100
3) Chloromethane	1.243	50	340262	14.942	ug/L	99
5) Vinyl chloride	1.314	62	379342	15.364	ug/L	99
6) Bromomethane	1.523	94	224201	14.950	ug/L	99
8) Chloroethane	1.587	64	221146	14.603	ug/L	100
9) Trichlorofluoromethane	1.754	101	476030	14.431	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	280361	15.148	ug/L	100
12) 1,1-Dichloroethene	2.121	96	268123	14.673	ug/L	97
13) Acetone	2.185	43	300086	148.895	ug/L	97
14) Carbon disulfide	2.294	76	803352	14.001	ug/L	100
15) Methyl Acetate	2.436	43	80402	13.985	ug/L	99
16) Methylene chloride	2.507	84	261195	14.400	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	560573	15.040	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	276283	15.426	ug/L	98
19) 1,1-Dichloroethane	3.191	63	499993	16.131	ug/L	99
21) 2-Butanone	3.970	43	531557	164.410	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	298186	16.531	ug/L	97
23) Bromochloromethane	4.246	128	112451	16.362	ug/L	97
25) Chloroform	4.375	83	510944	15.766	ug/L	99
27) 1,2-Dichloroethane	5.130	62	278101	15.658	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	453678	16.493	ug/L	99
30) Cyclohexane	4.680	56	473127	16.713	ug/L	99
31) Carbon tetrachloride	4.828	117	386023	16.603	ug/L	99
33) Benzene	5.098	78	1155872	17.496	ug/L	100
34) Trichloroethene	5.912	95	301253	16.678	ug/L	97
35) Methylcyclohexane	6.130	83	509847	17.168	ug/L	100
37) 1,2-Dichloropropane	6.172	63	279271	17.449	ug/L	98
38) Bromodichloromethane	6.510	83	352280	16.703	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	418774	17.485	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	1354603	166.048	ug/L	98
42) Toluene	7.387	91	1283074	17.858	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	341463	17.351	ug/L	97

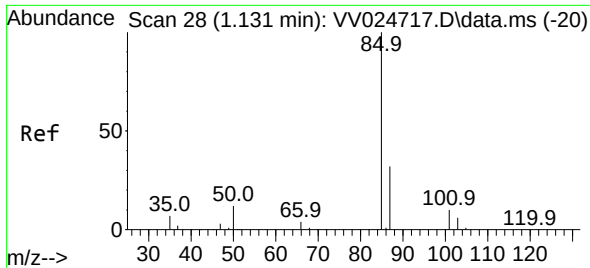
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021722\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 07:05:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	178530	17.248	ug/L	99
47) Tetrachloroethene	7.976	164	207077	17.146	ug/L	99
48) 2-Hexanone	8.137	43	952478	170.199	ug/L	97
49) Dibromochloromethane	8.246	129	216449	17.557	ug/L	100
50) 1,2-Dibromoethane	8.352	107	169485	17.529	ug/L	100
51) Chlorobenzene	8.879	112	780793	17.715	ug/L	98
52) Ethylbenzene	9.011	91	1417376	17.799	ug/L	100
53) m,p-xylene	9.137	106	542841	18.018	ug/L	99
54) o-xylene	9.542	106	527993	18.057	ug/L	99
55) Styrene	9.558	104	886239	18.434	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	200752	19.037	ug/L	96
59) Bromoform	9.728	173	98238	18.689	ug/L	98
60) Isopropylbenzene	9.931	105	1422842	18.610	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	148190	17.902	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	1222600	18.731	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	1224462	18.852	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	590920	18.907	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	581437	18.747	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	517108	18.651	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	29975	18.712	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	425876	19.196	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	342584	19.291	ug/L	99
71) Naphthalene	13.500	128	609517	19.143	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	284707	19.047	ug/L	99

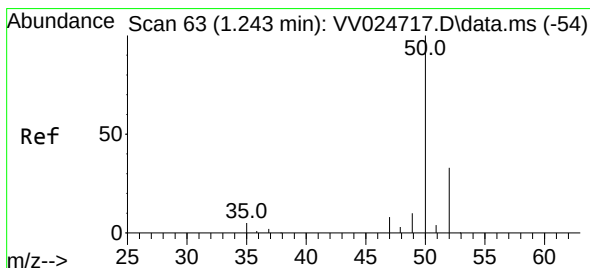
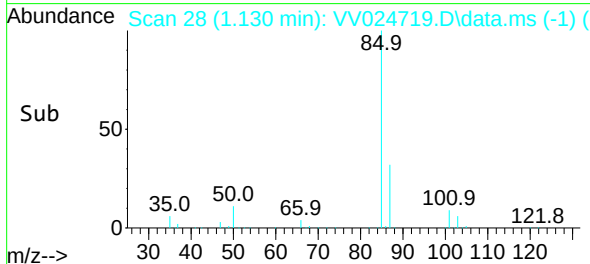
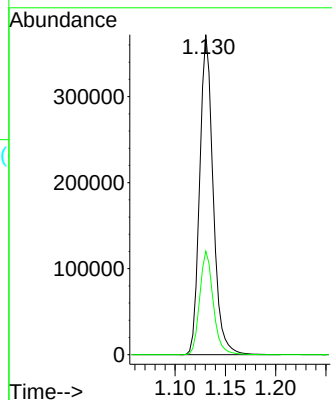
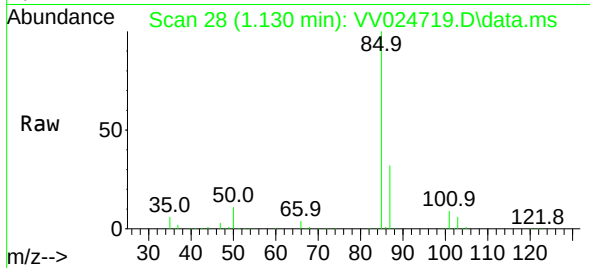
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 15.002 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
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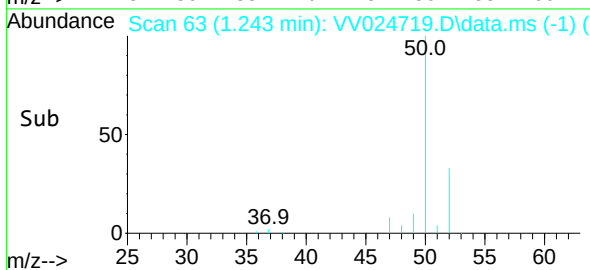
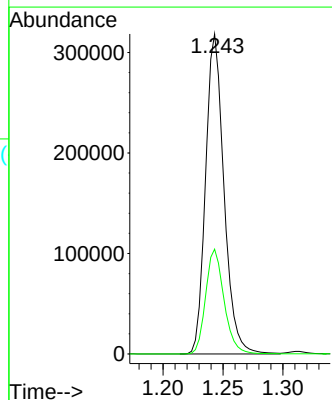
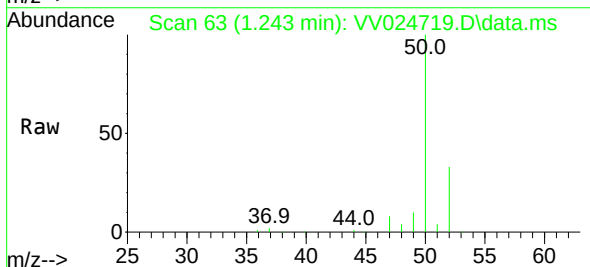
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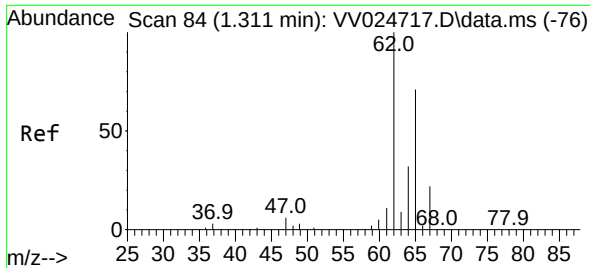
Tgt Ion: 85 Resp: 344923
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.9 38.9



#3
 Chloromethane
 Concen: 14.942 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV024719.D
 Acq: 17 Feb 2022 13:29

Tgt Ion: 50 Resp: 340262
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.3 43.3

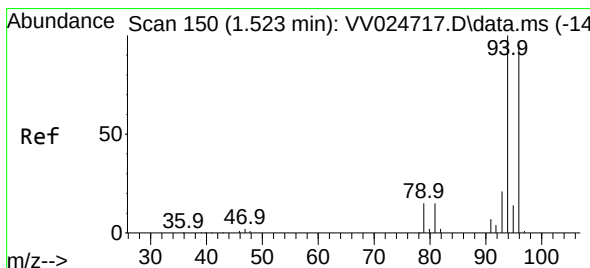
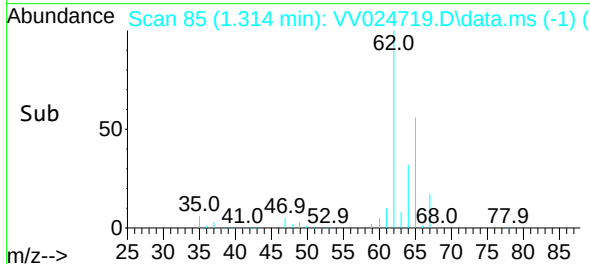
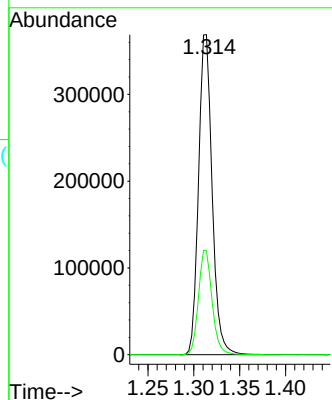
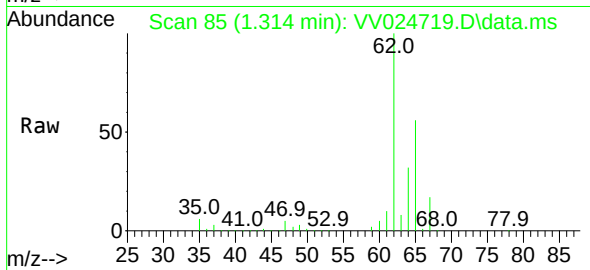




#5
 Vinyl chloride
 Concen: 15.364 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV024719.D
 Acq: 17 Feb 2022 13:29

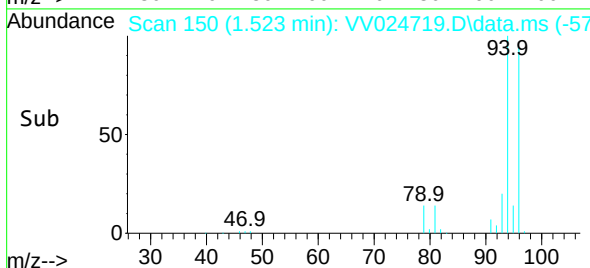
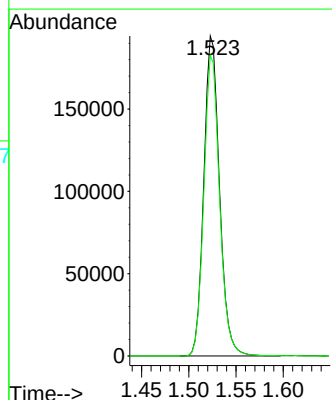
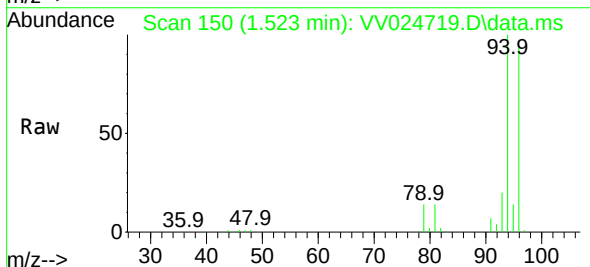
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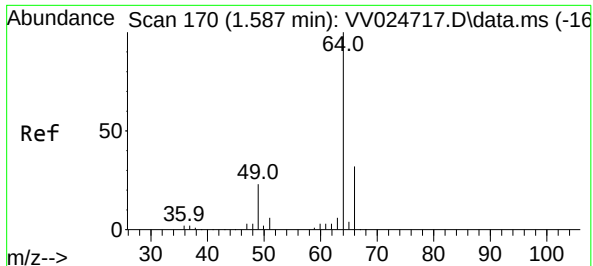
Tgt Ion: 62 Resp: 379342
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.2 41.2



#6
 Bromomethane
 Concen: 14.950 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV024719.D
 Acq: 17 Feb 2022 13:29

Tgt Ion: 94 Resp: 224201
 Ion Ratio Lower Upper
 94 100
 96 93.9 66.5 123.5

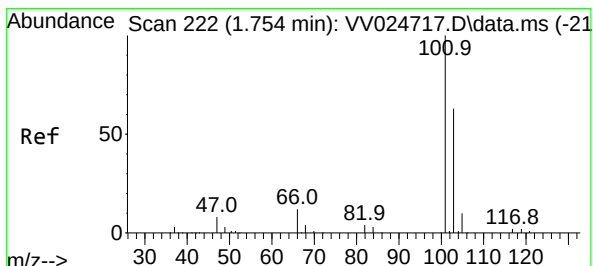
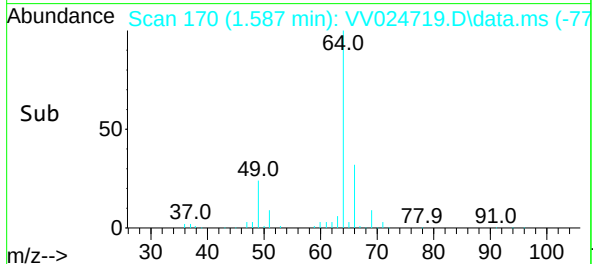
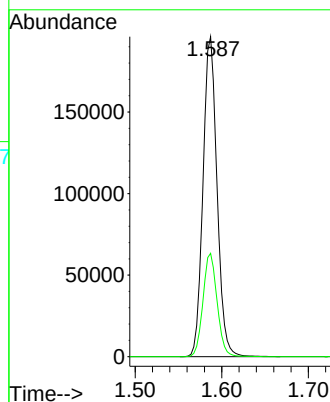
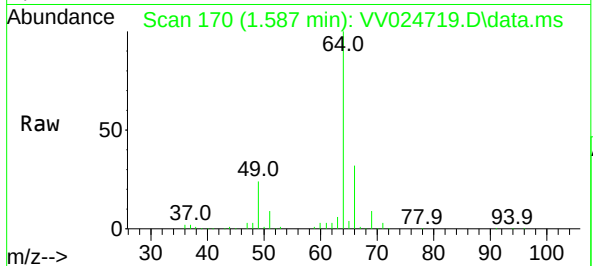




#8
Chloroethane
Concen: 14.603 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024719.D
Acq: 17 Feb 2022 13:29

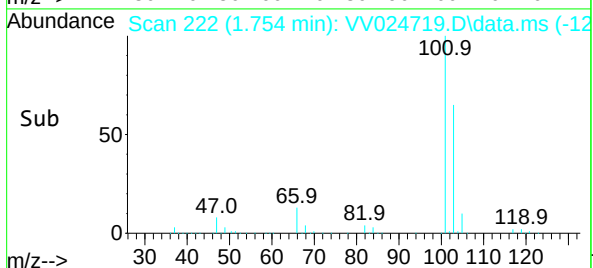
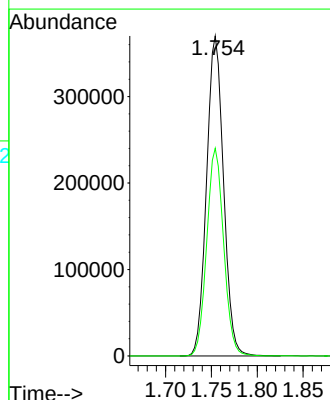
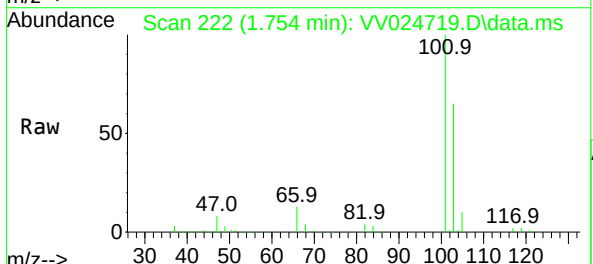
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VSTD020218

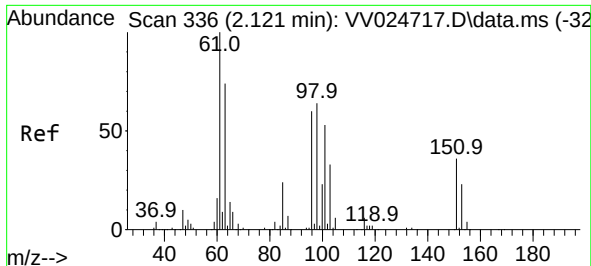
Tgt Ion: 64 Resp: 221146
Ion Ratio Lower Upper
64 100
66 32.3 22.5 41.9



#9
Trichlorofluoromethane
Concen: 14.431 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV024719.D
Acq: 17 Feb 2022 13:29

Tgt Ion:101 Resp: 476030
Ion Ratio Lower Upper
101 100
103 64.8 50.7 76.1

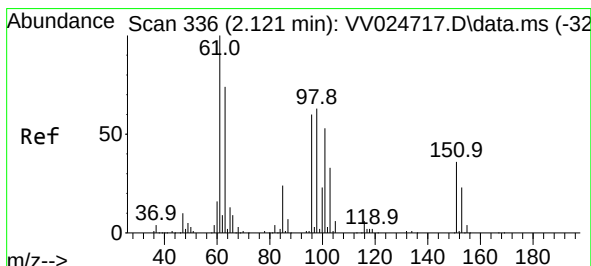
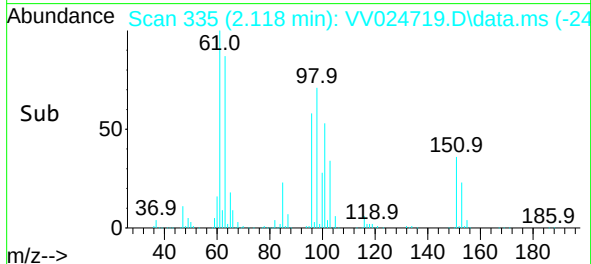
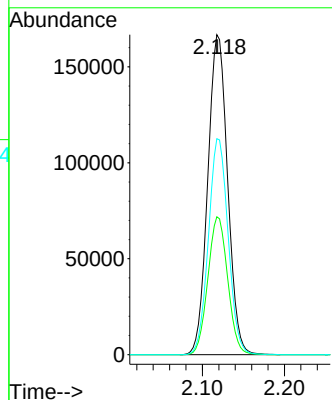
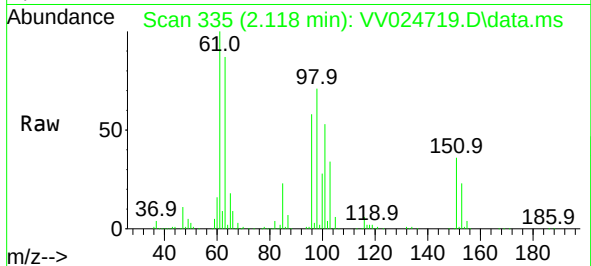




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 15.148 ug/L
 RT: 2.118 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV024719.D
 Acq: 17 Feb 2022 13:29

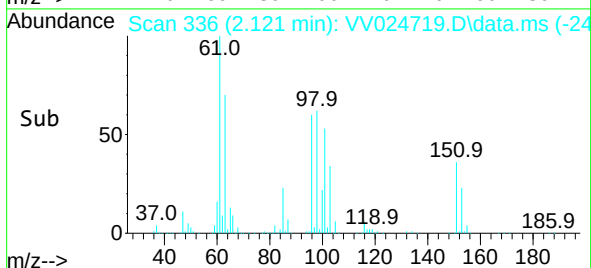
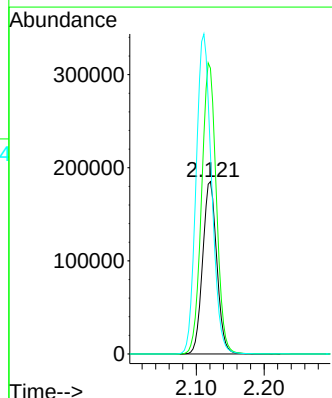
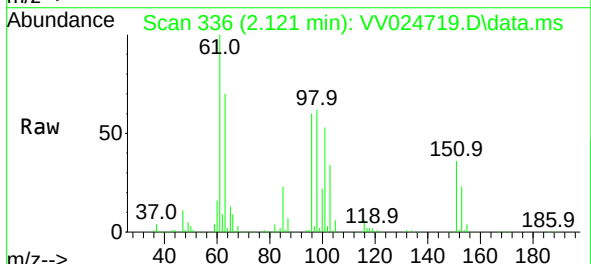
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020218

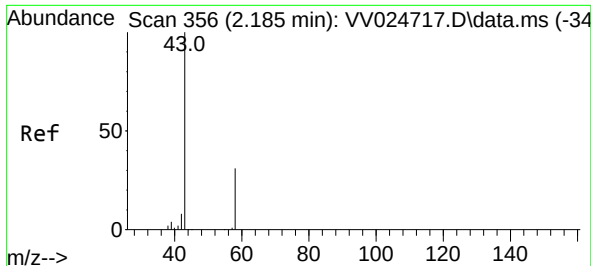
Tgt Ion:101 Resp: 280361
 Ion Ratio Lower Upper
 101 100
 85 43.1 34.7 52.1
 151 67.1 53.5 80.3



#12
 1,1-Dichloroethene
 Concen: 14.673 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV024719.D
 Acq: 17 Feb 2022 13:29

Tgt Ion: 96 Resp: 268123
 Ion Ratio Lower Upper
 96 100
 61 165.8 116.3 216.1
 63 116.1 86.0 159.6





#13

Acetone

Concen: 148.895 ug/L

RT: 2.185 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV024719.D

Acq: 17 Feb 2022 13:29

Instrument :

MSVOA_V

ClientSampleId :

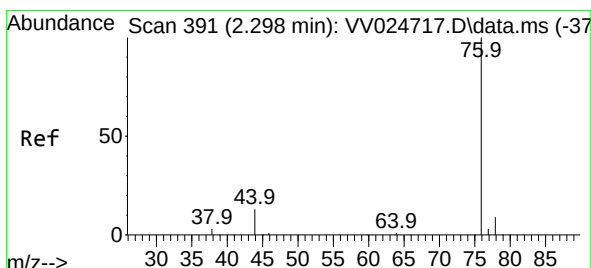
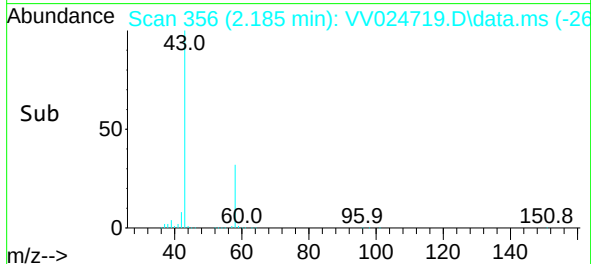
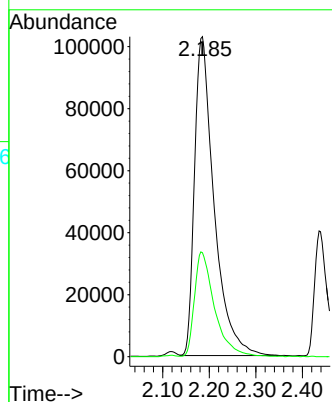
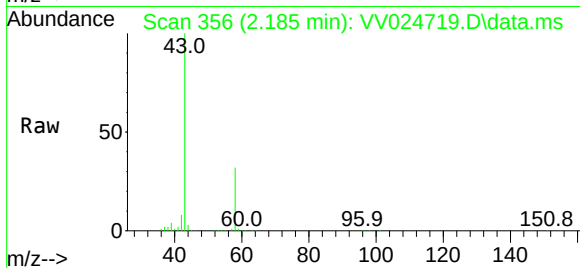
VSTD020218

Tgt Ion: 43 Resp: 300086

Ion Ratio Lower Upper

43 100

58 33.3 0.0 63.6



#14

Carbon disulfide

Concen: 14.001 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.003 min

Lab File: VV024719.D

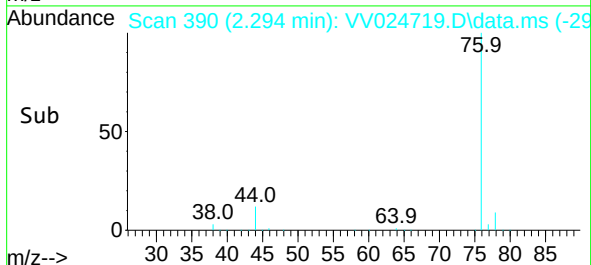
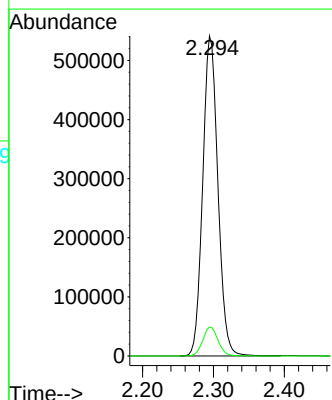
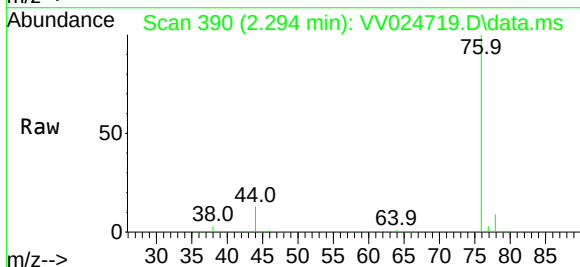
Acq: 17 Feb 2022 13:29

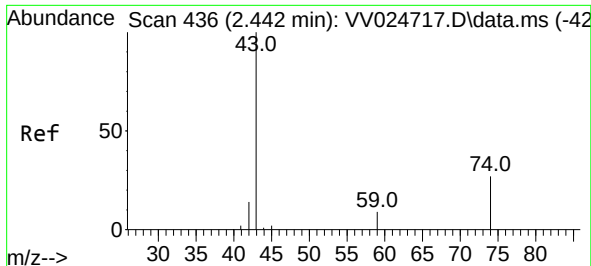
Tgt Ion: 76 Resp: 803352

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

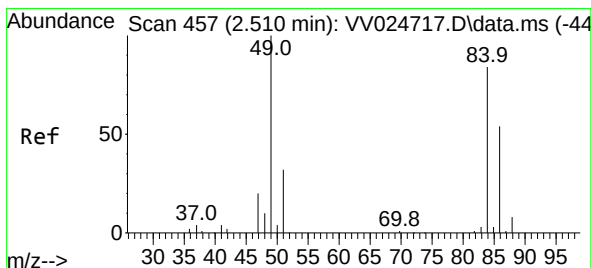
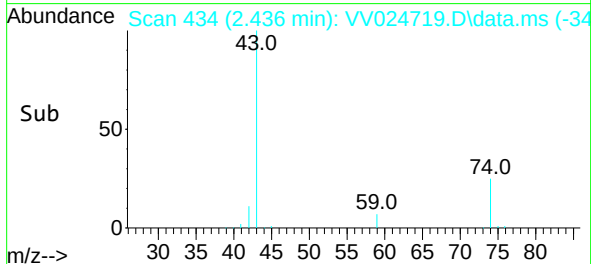
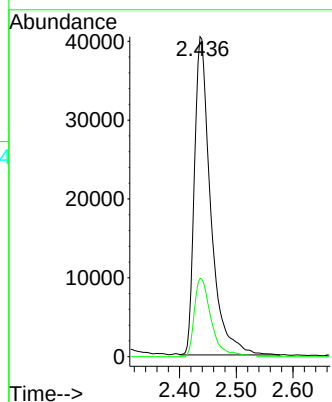
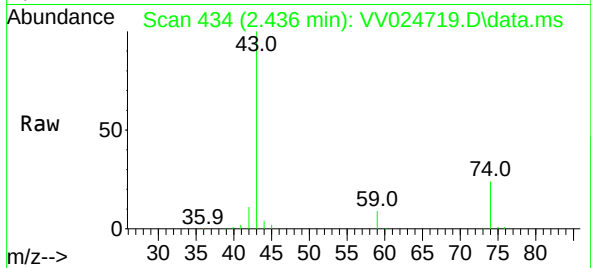




#15
Methyl Acetate
Concen: 13.985 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV024719.D
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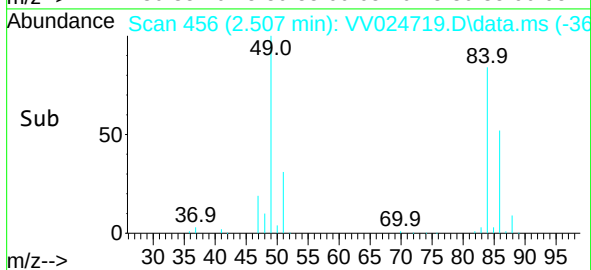
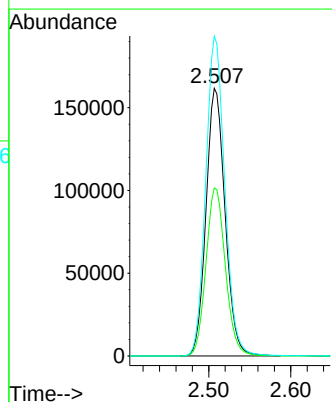
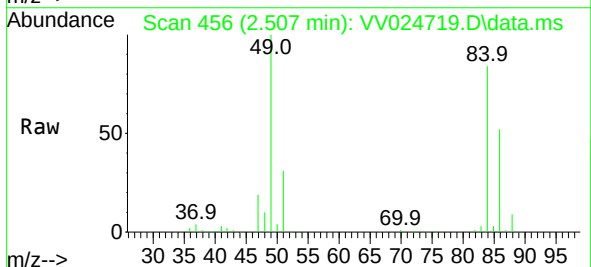
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VSTD020218

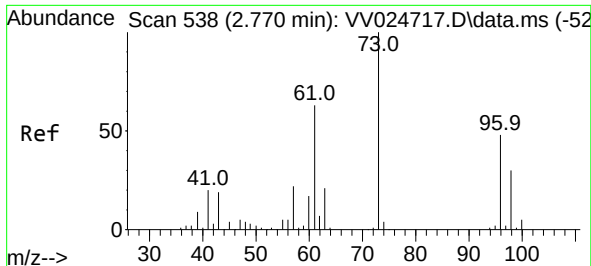
Tgt Ion: 43 Resp: 80402
Ion Ratio Lower Upper
43 100
74 25.6 20.8 31.2



#16
Methylene chloride
Concen: 14.400 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV024719.D
Acq: 17 Feb 2022 13:29

Tgt Ion: 84 Resp: 261195
Ion Ratio Lower Upper
84 100
86 62.8 45.1 83.7
49 119.5 83.5 155.1

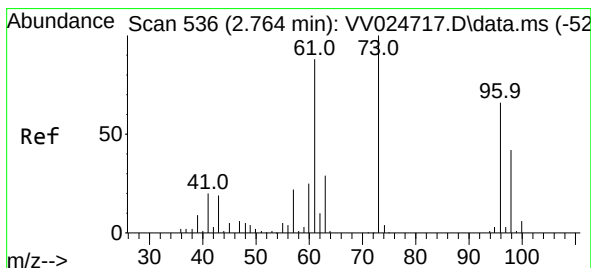
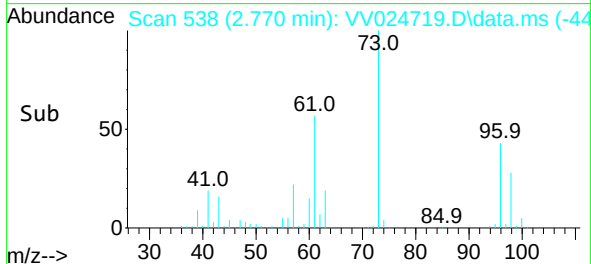
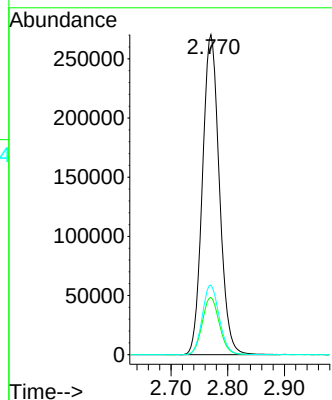
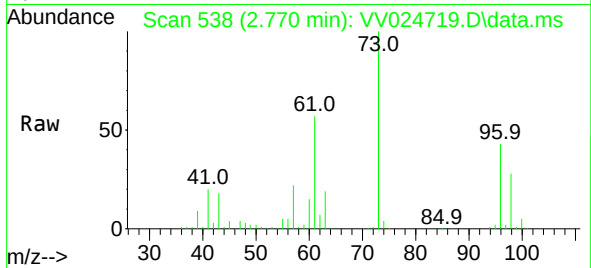




#17
Methyl tert-butyl Ether
Concen: 15.040 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV024719.D
Acq: 17 Feb 2022 13:29

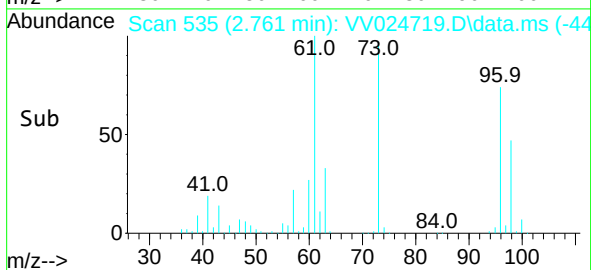
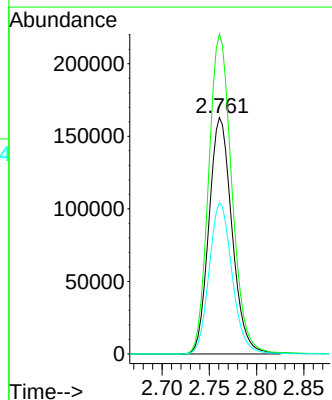
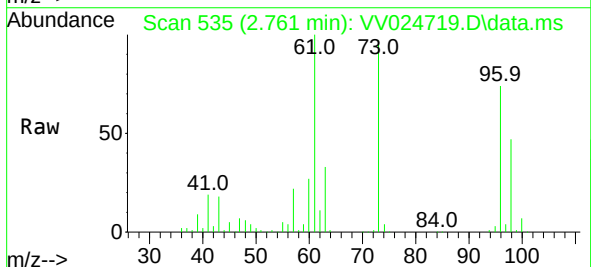
Instrument :
MSVOA_V
ClientSampleId :
VSTD020218

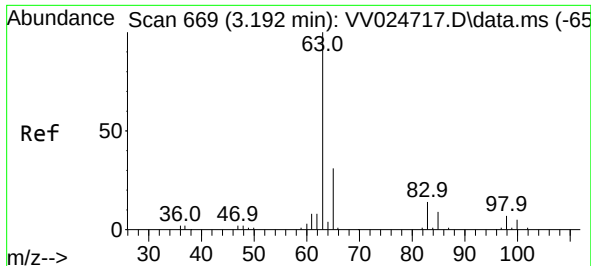
Tgt Ion: 73 Resp: 560573
Ion Ratio Lower Upper
73 100
43 18.2 15.1 22.7
57 21.8 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 15.426 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.003 min
Lab File: VV024719.D
Acq: 17 Feb 2022 13:29

Tgt Ion: 96 Resp: 276283
Ion Ratio Lower Upper
96 100
61 135.3 92.9 172.5
98 63.9 44.5 82.7





#19

1,1-Dichloroethane

Concen: 16.131 ug/L

RT: 3.191 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV024719.D

Acq: 17 Feb 2022 13:29

Instrument :

MSVOA_V

ClientSampleId :

VSTD020218

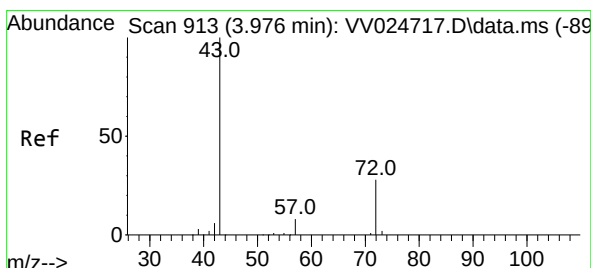
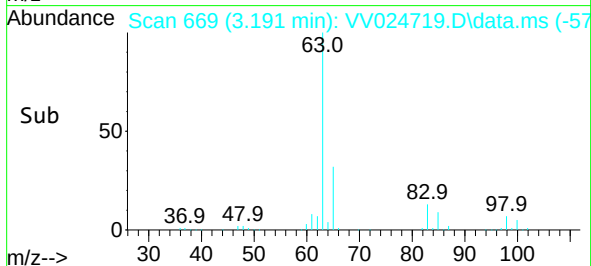
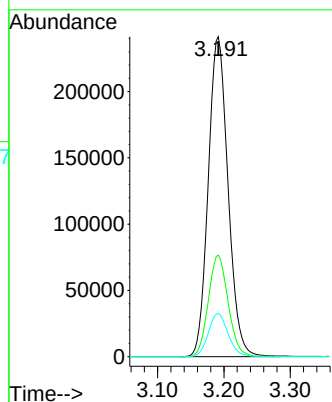
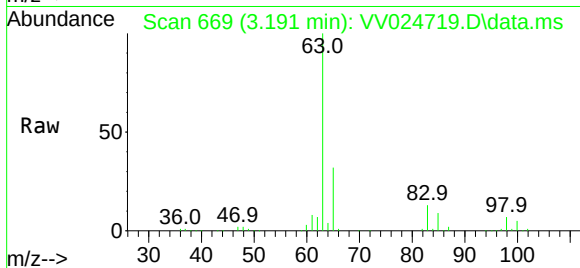
Tgt Ion: 63 Resp: 499993

Ion Ratio Lower Upper

63 100

65 31.7 22.0 40.8

83 13.5 9.5 17.7



#21

2-Butanone

Concen: 164.410 ug/L

RT: 3.970 min Scan# 911

Delta R.T. -0.006 min

Lab File: VV024719.D

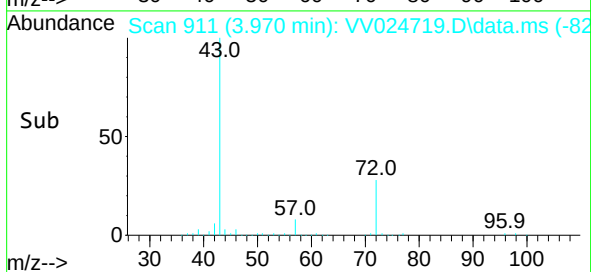
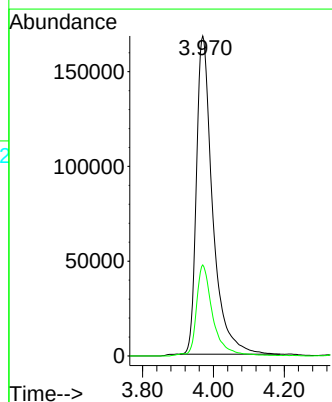
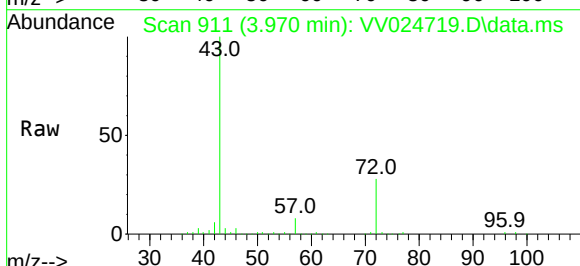
Acq: 17 Feb 2022 13:29

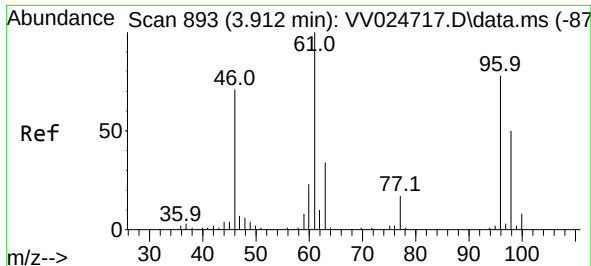
Tgt Ion: 43 Resp: 531557

Ion Ratio Lower Upper

43 100

72 27.9 13.2 39.6

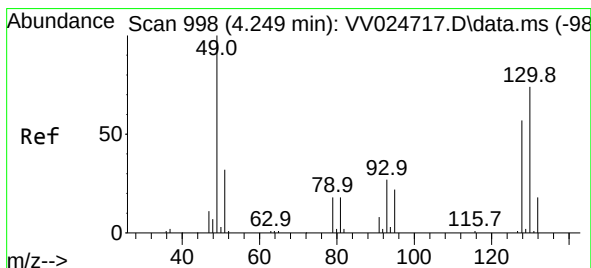
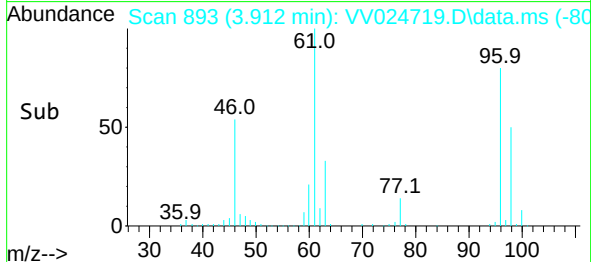
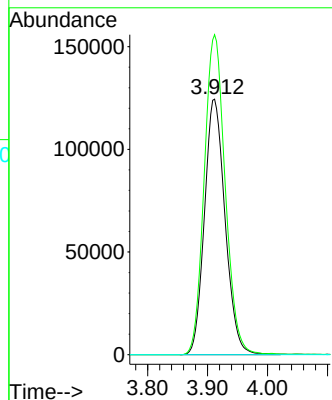
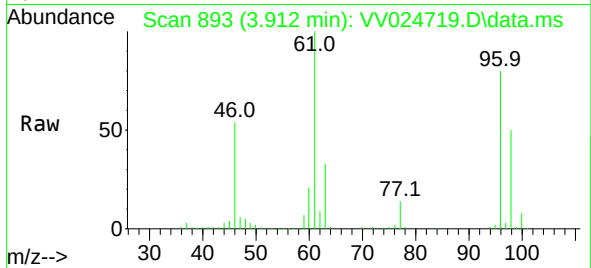




#22
 cis-1,2-Dichloroethene
 Concen: 16.531 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. -0.000 min
 Lab File: VV024719.D
 Acq: 17 Feb 2022 13:29

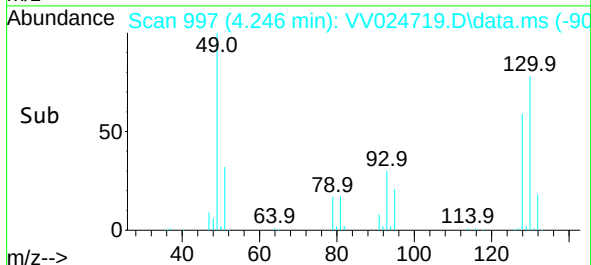
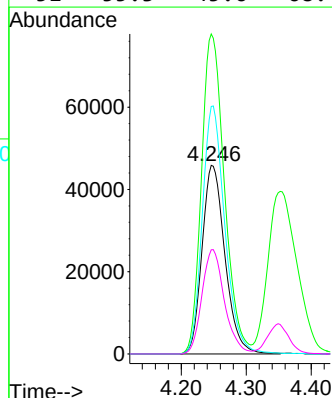
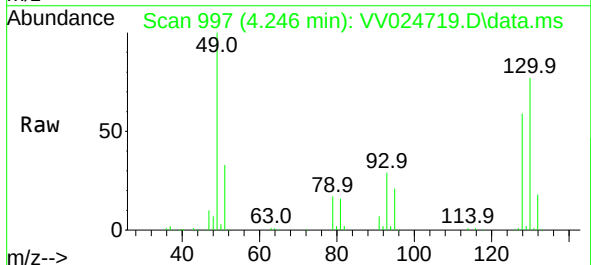
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020218

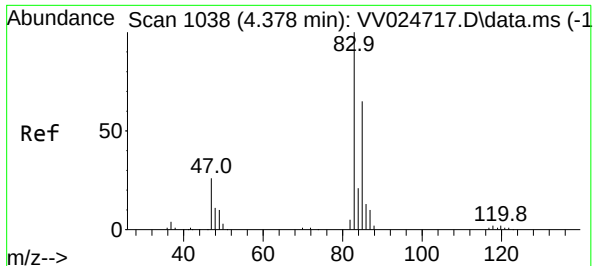
Tgt Ion: 96 Resp: 298186
 Ion Ratio Lower Upper
 96 100
 61 125.2 89.7 166.5
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 16.362 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.003 min
 Lab File: VV024719.D
 Acq: 17 Feb 2022 13:29

Tgt Ion: 128 Resp: 112451
 Ion Ratio Lower Upper
 128 100
 49 169.7 124.2 230.6
 130 131.3 92.1 171.1
 51 55.3 45.6 68.4





#25

Chloroform

Concen: 15.766 ug/L

RT: 4.375 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV024719.D

Acq: 17 Feb 2022 13:29

Instrument :

MSVOA_V

ClientSampleId :

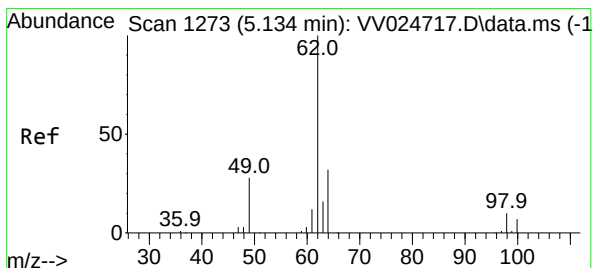
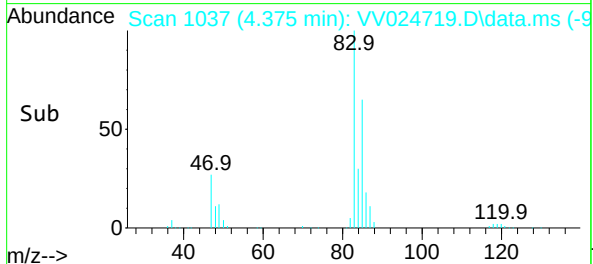
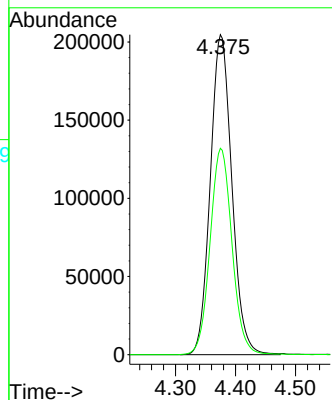
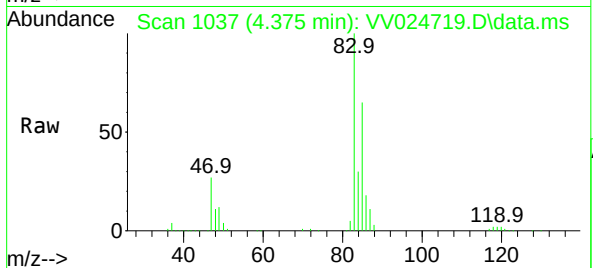
VSTD020218

Tgt Ion: 83 Resp: 510944

Ion Ratio Lower Upper

83 100

85 64.5 45.5 84.5



#27

1,2-Dichloroethane

Concen: 15.658 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VV024719.D

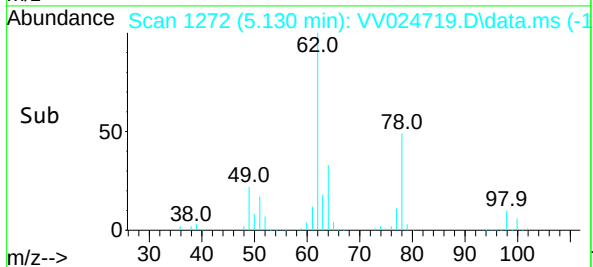
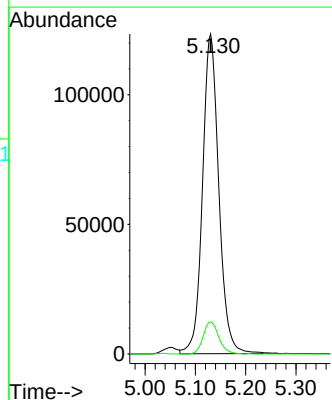
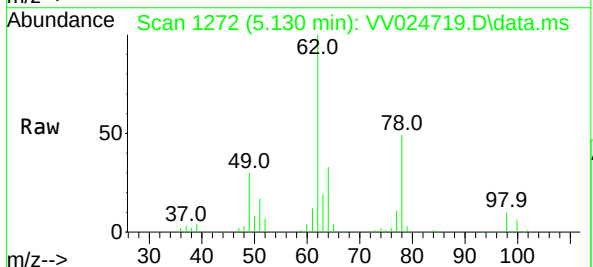
Acq: 17 Feb 2022 13:29

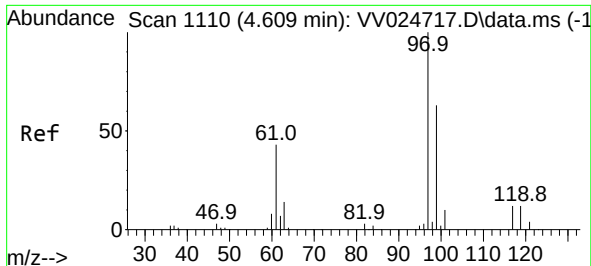
Tgt Ion: 62 Resp: 278101

Ion Ratio Lower Upper

62 100

98 10.0 8.2 12.2





#29

1,1,1-Trichloroethane

Concen: 16.493 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV024719.D

Acq: 17 Feb 2022 13:29

Instrument :

MSVOA_V

ClientSampleId :

VSTD020218

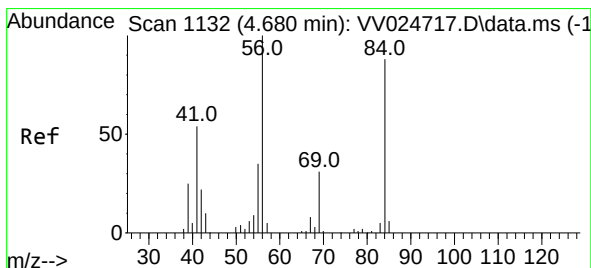
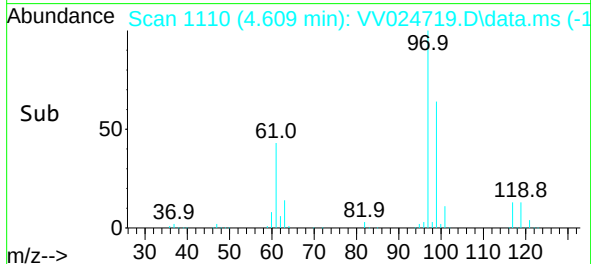
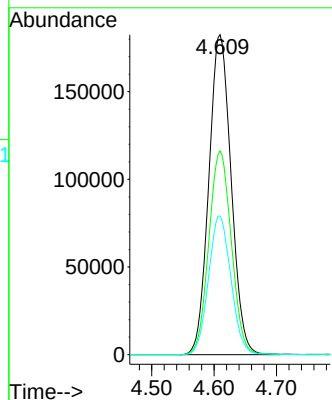
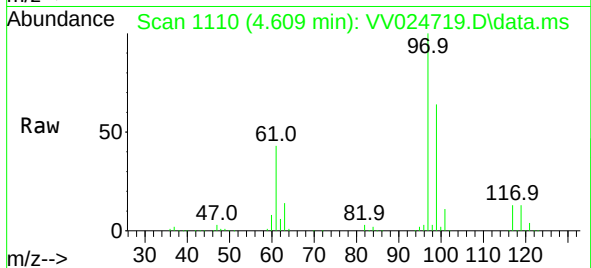
Tgt Ion: 97 Resp: 453678

Ion Ratio Lower Upper

97 100

99 64.3 50.5 75.7

61 43.8 35.8 53.6



#30

Cyclohexane

Concen: 16.713 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VV024719.D

Acq: 17 Feb 2022 13:29

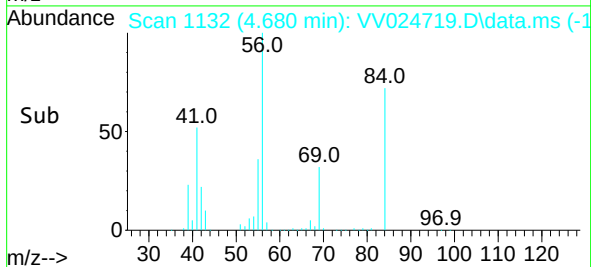
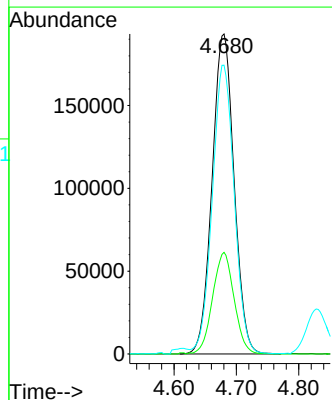
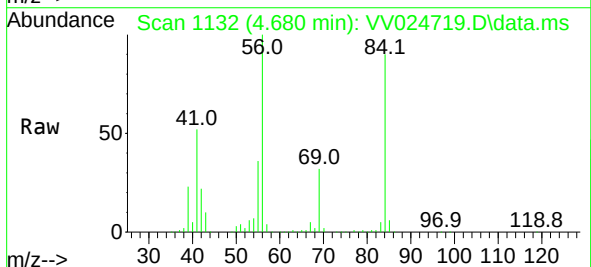
Tgt Ion: 56 Resp: 473127

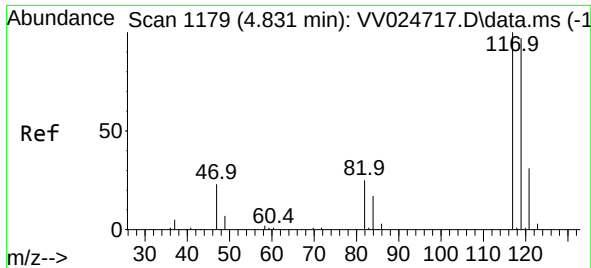
Ion Ratio Lower Upper

56 100

69 30.9 24.6 37.0

84 90.3 71.4 107.0

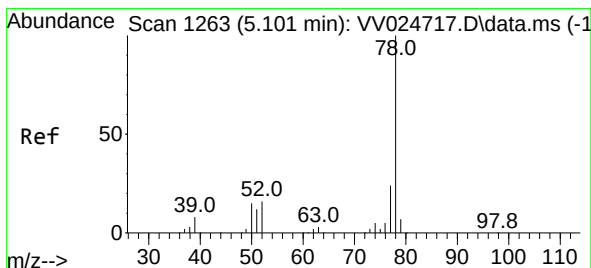
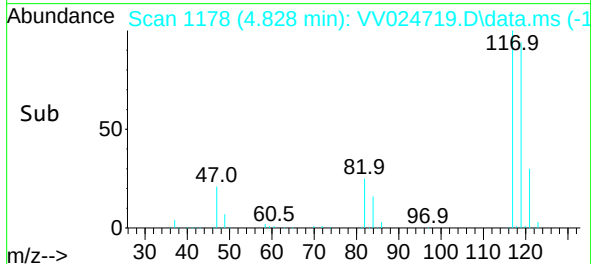
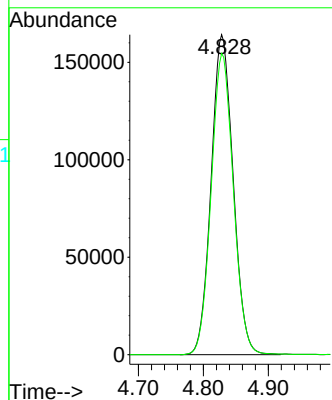
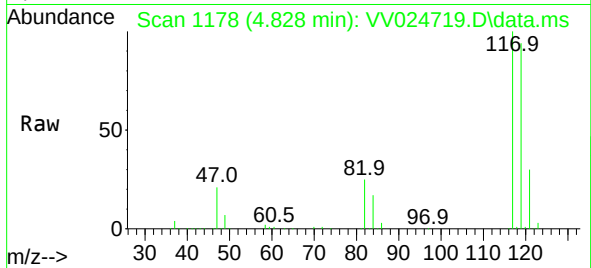




#31
Carbon tetrachloride
Concen: 16.603 ug/L
RT: 4.828 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VV024719.D
Acq: 17 Feb 2022 13:29

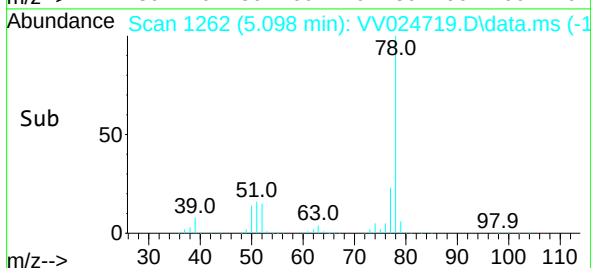
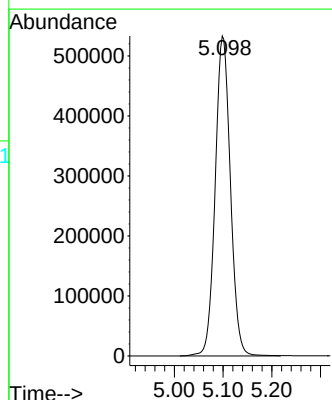
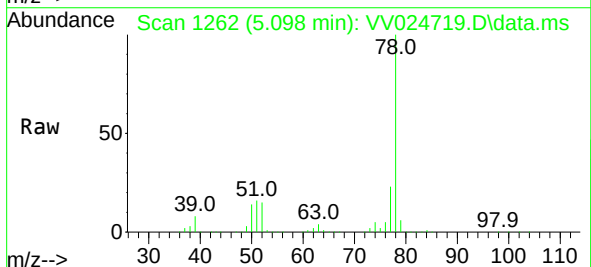
Instrument :
MSVOA_V
ClientSampleId :
VSTD020218

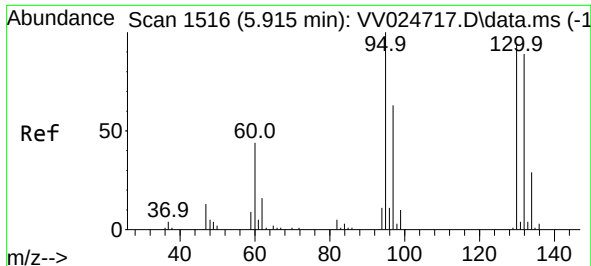
Tgt Ion:117 Resp: 386023
Ion Ratio Lower Upper
117 100
119 94.9 76.6 115.0



#33
Benzene
Concen: 17.496 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV024719.D
Acq: 17 Feb 2022 13:29

Tgt Ion: 78 Resp: 1155872

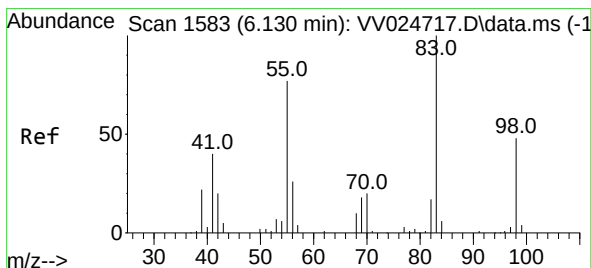
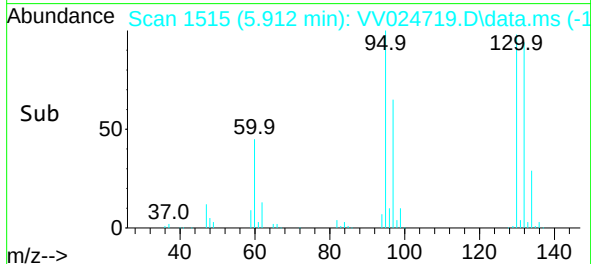
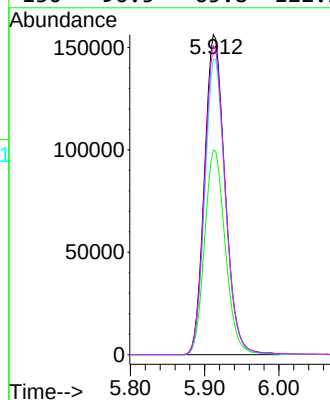
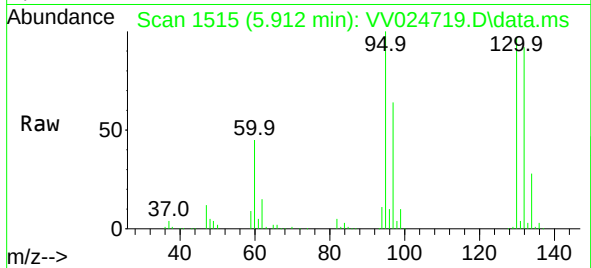




#34
Trichloroethene
Concen: 16.678 ug/L
RT: 5.912 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV024719.D
Acq: 17 Feb 2022 13:29

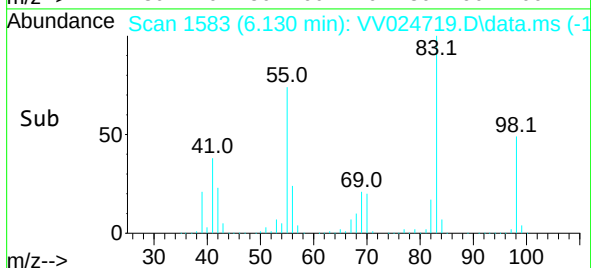
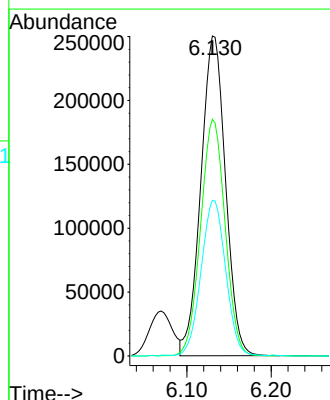
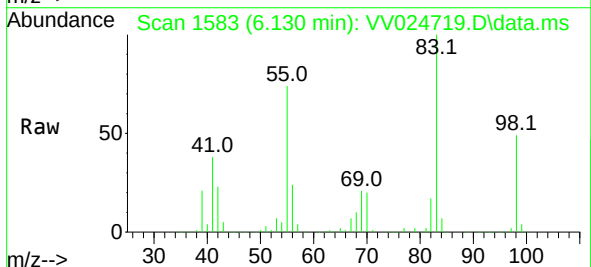
Instrument :
MSVOA_V
ClientSampleId :
VSTD020218

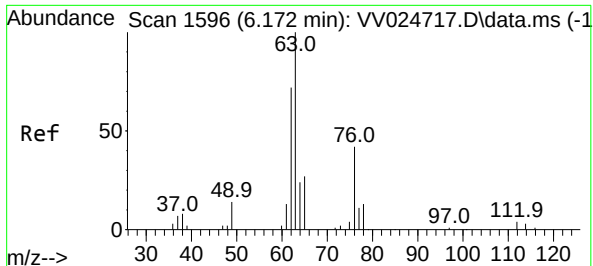
Tgt Ion: 95 Resp: 301253
Ion Ratio Lower Upper
95 100
97 63.9 44.2 82.0
132 92.3 62.1 115.3
130 96.5 65.8 122.2



#35
Methylcyclohexane
Concen: 17.168 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VV024719.D
Acq: 17 Feb 2022 13:29

Tgt Ion: 83 Resp: 509847
Ion Ratio Lower Upper
83 100
55 73.2 58.8 88.2
98 48.3 38.6 58.0





#37

1,2-Dichloropropane

Concen: 17.449 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV024719.D

Acq: 17 Feb 2022 13:29

Instrument :

MSVOA_V

ClientSampleId :

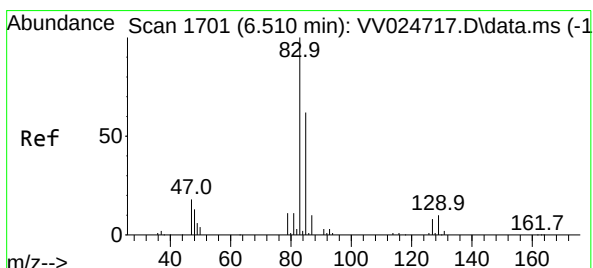
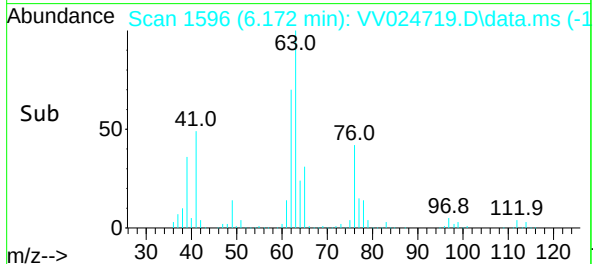
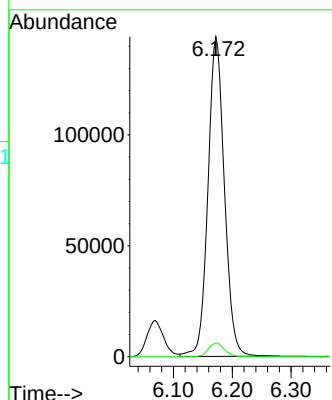
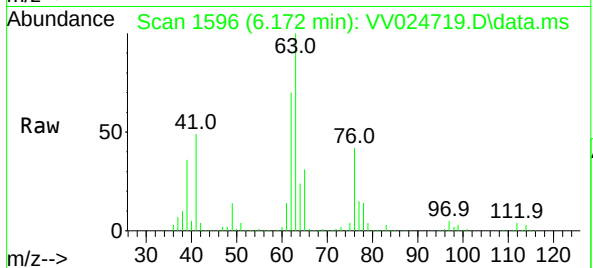
VSTD020218

Tgt Ion: 63 Resp: 279271

Ion Ratio Lower Upper

63 100

112 4.2 3.8 5.6



#38

Bromodichloromethane

Concen: 16.703 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VV024719.D

Acq: 17 Feb 2022 13:29

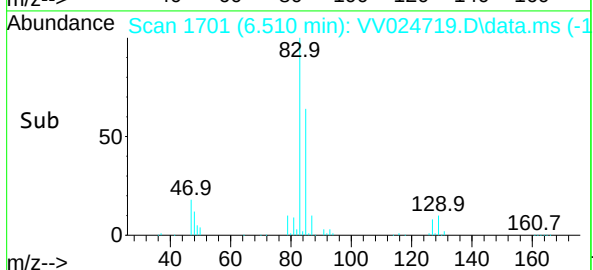
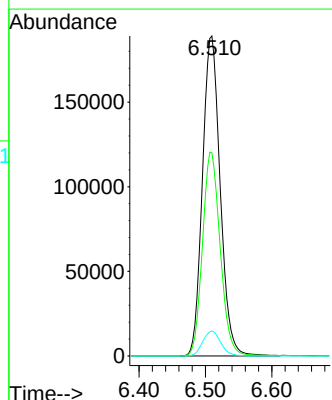
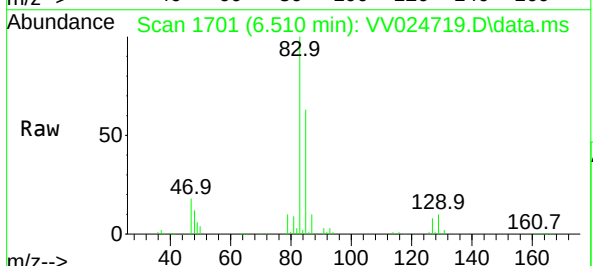
Tgt Ion: 83 Resp: 352280

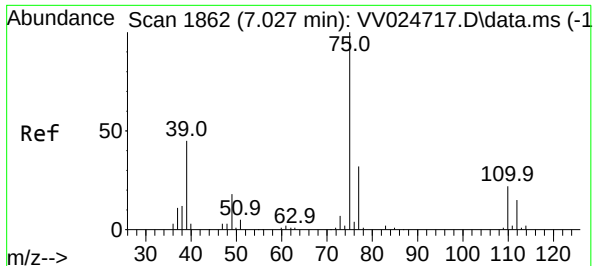
Ion Ratio Lower Upper

83 100

85 63.5 43.5 80.9

127 7.8 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 17.485 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.003 min

Lab File: VV024719.D

Acq: 17 Feb 2022 13:29

Instrument :

MSVOA_V

ClientSampleId :

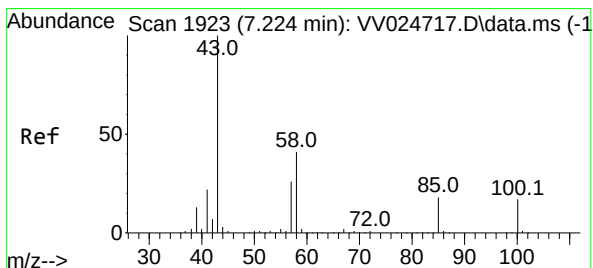
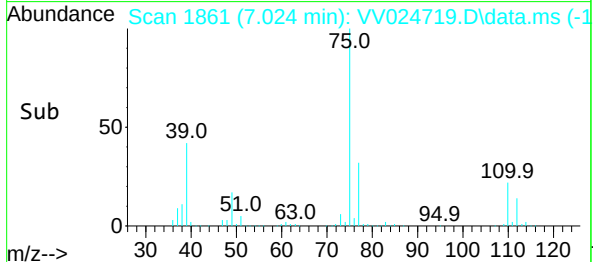
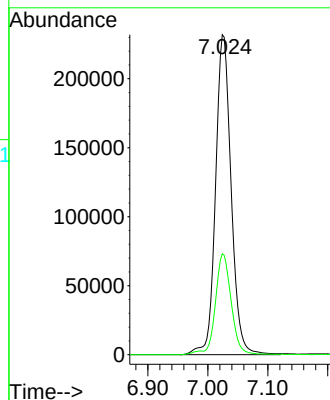
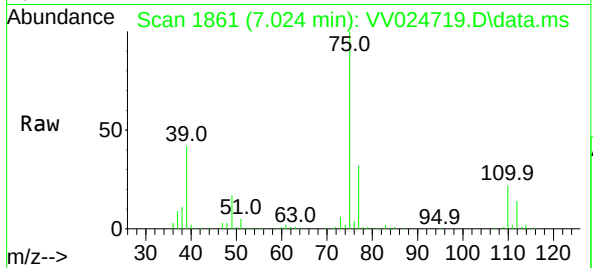
VSTD020218

Tgt Ion: 75 Resp: 418774

Ion Ratio Lower Upper

75 100

77 31.5 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 166.048 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV024719.D

Acq: 17 Feb 2022 13:29

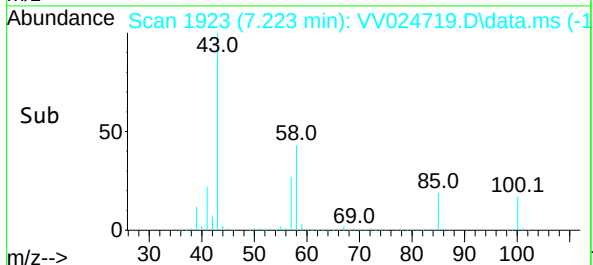
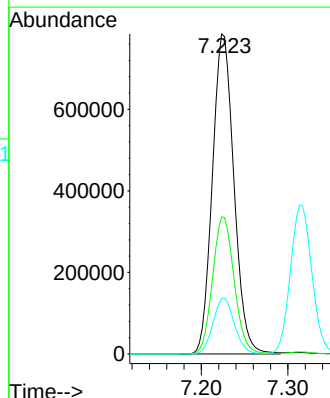
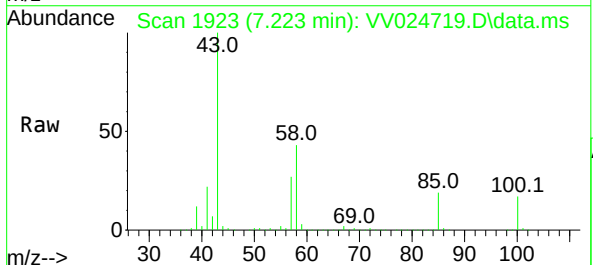
Tgt Ion: 43 Resp: 1354603

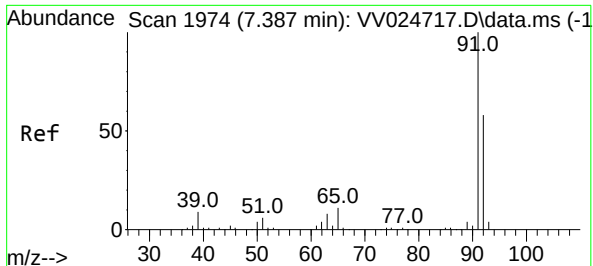
Ion Ratio Lower Upper

43 100

58 42.9 33.0 49.6

100 17.3 13.3 19.9





#42

Toluene

Concen: 17.858 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV024719.D

Acq: 17 Feb 2022 13:29

Instrument :

MSVOA_V

ClientSampleId :

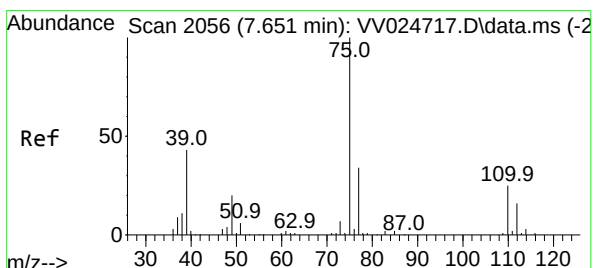
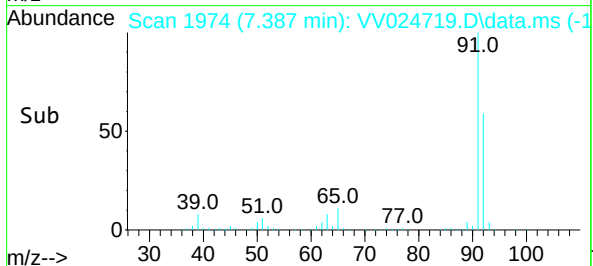
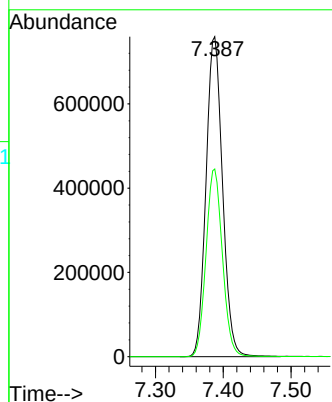
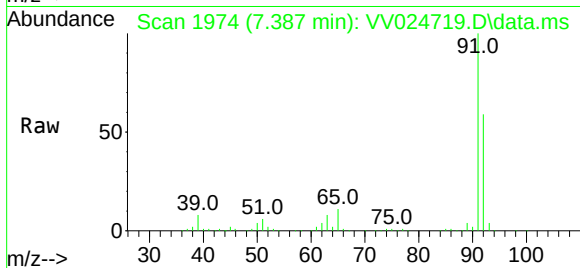
VSTD020218

Tgt Ion: 91 Resp: 1283074

Ion Ratio Lower Upper

91 100

92 58.7 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 17.351 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV024719.D

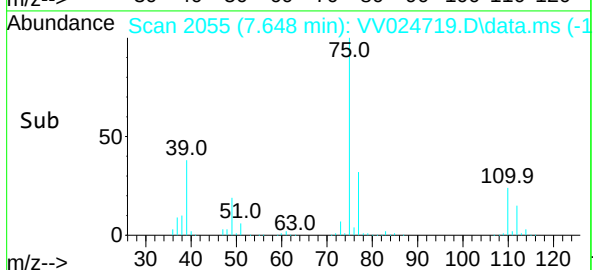
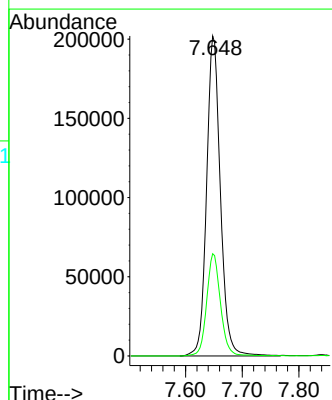
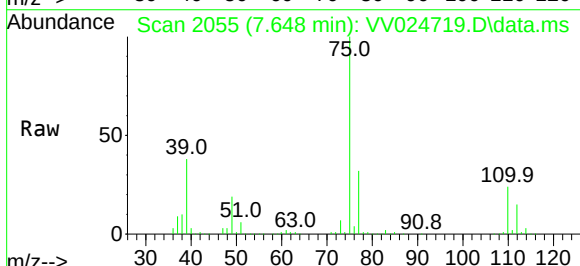
Acq: 17 Feb 2022 13:29

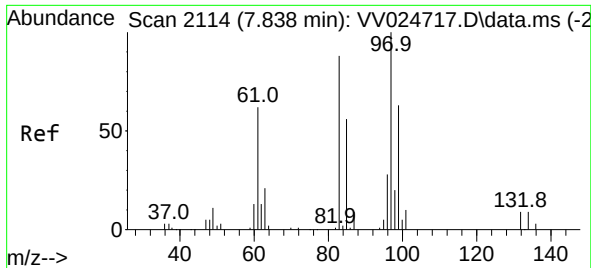
Tgt Ion: 75 Resp: 341463

Ion Ratio Lower Upper

75 100

77 31.9 23.5 43.7



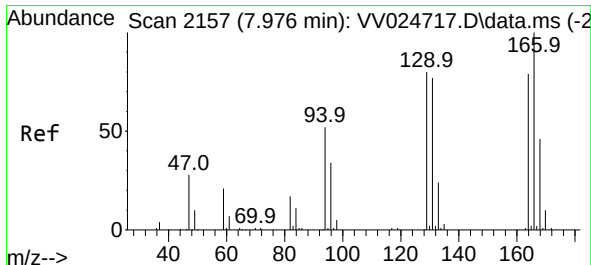
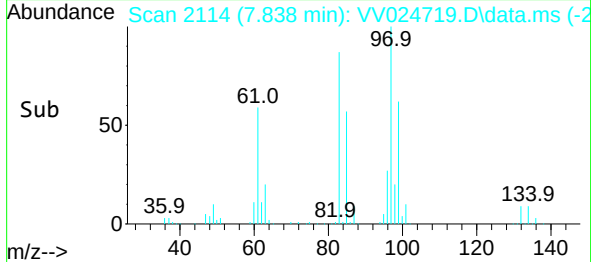
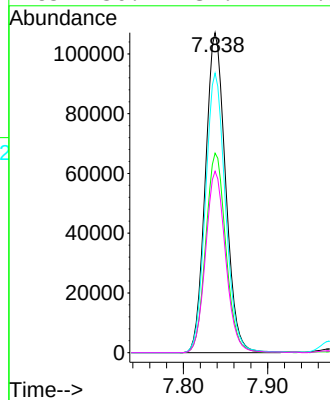
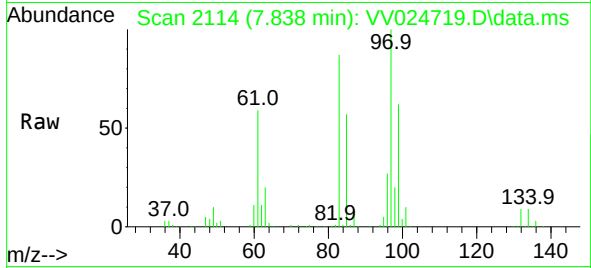


#45
1,1,2-Trichloroethane
Concen: 17.248 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV024719.D
Acq: 17 Feb 2022 13:29

Instrument :
MSVOA_V
ClientSampleId :
VSTD020218

Tgt Ion: 97 Resp: 178530

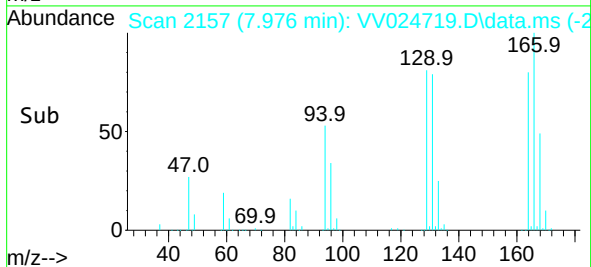
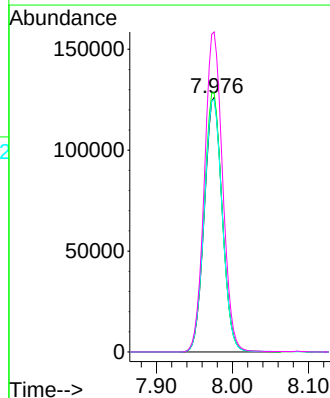
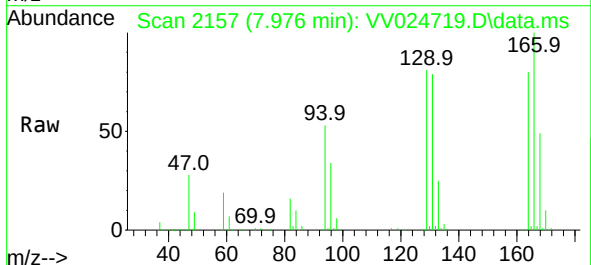
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.8	81.3
83	87.3	61.3	113.9
85	56.7	39.1	72.5

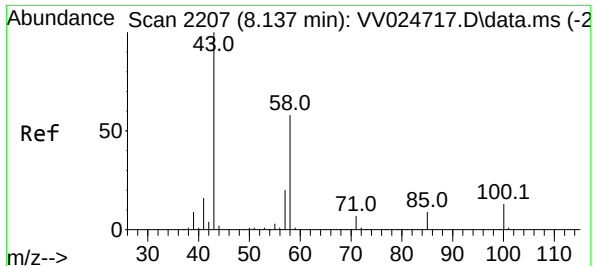


#47
Tetrachloroethene
Concen: 17.146 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV024719.D
Acq: 17 Feb 2022 13:29

Tgt Ion: 164 Resp: 207077

Ion	Ratio	Lower	Upper
164	100		
129	101.8	70.3	130.7
131	99.2	67.7	125.7
166	125.7	88.3	164.1





#48

2-Hexanone

Concen: 170.199 ug/L

RT: 8.137 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024719.D

Acq: 17 Feb 2022 13:29

Instrument :

MSVOA_V

ClientSampleId :

VSTD020218

Tgt Ion: 43 Resp: 952478

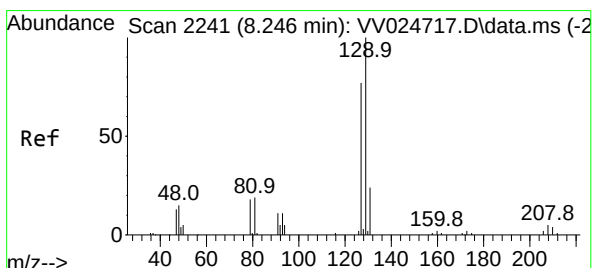
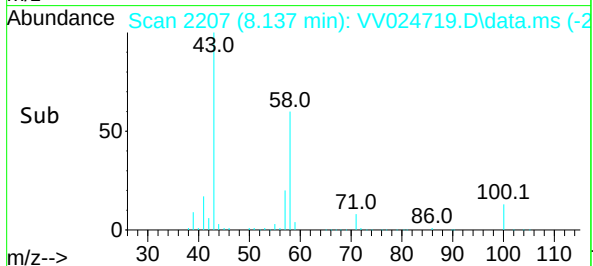
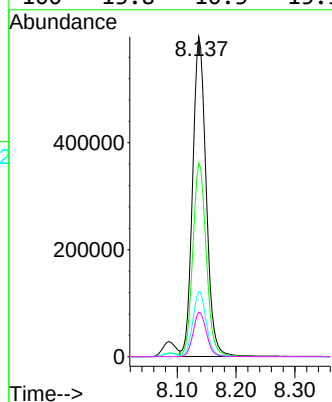
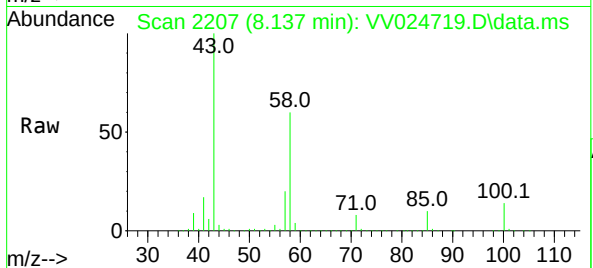
Ion Ratio Lower Upper

43 100

58 60.4 46.0 69.0

57 20.3 15.7 23.5

100 13.8 10.3 15.5



#49

Dibromochloromethane

Concen: 17.557 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VV024719.D

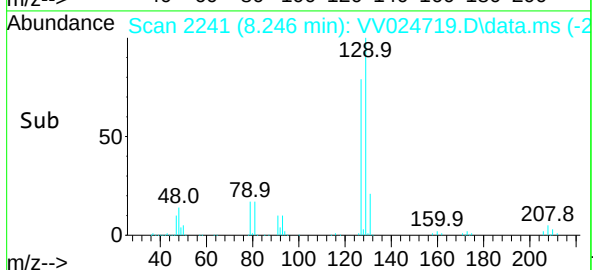
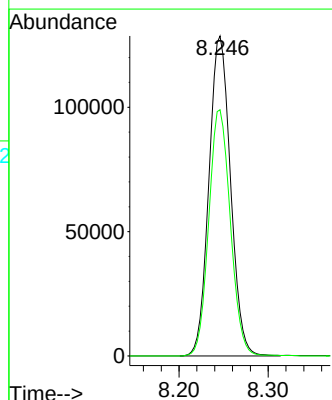
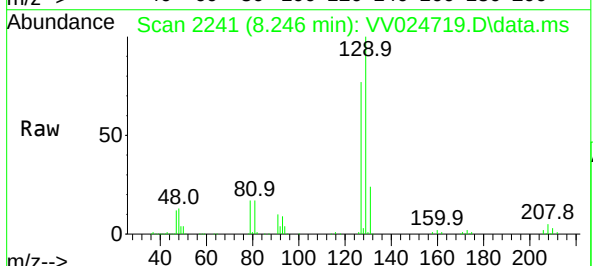
Acq: 17 Feb 2022 13:29

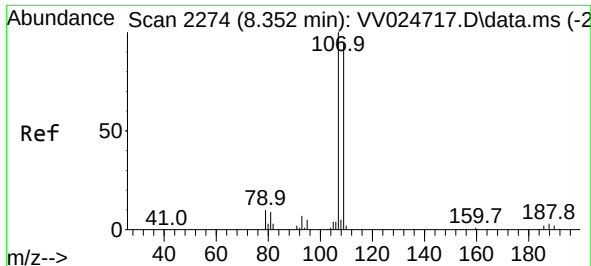
Tgt Ion: 129 Resp: 216449

Ion Ratio Lower Upper

129 100

127 76.9 53.6 99.6





#50

1,2-Dibromoethane

Concen: 17.529 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024719.D

Acq: 17 Feb 2022 13:29

Instrument :

MSVOA_V

ClientSampleId :

VSTD020218

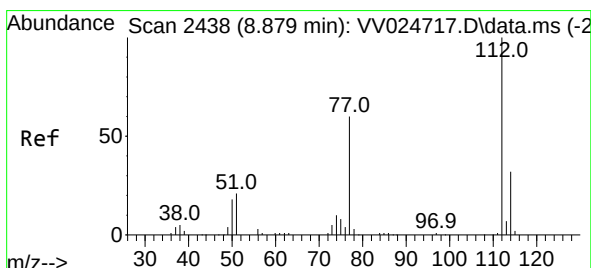
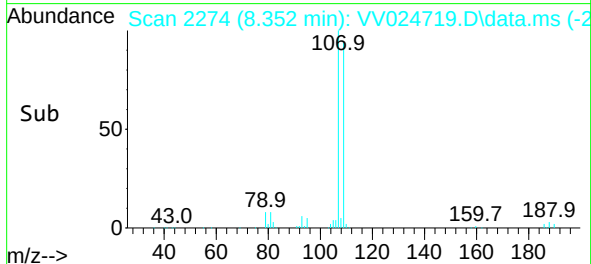
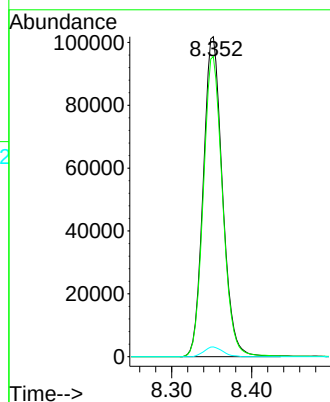
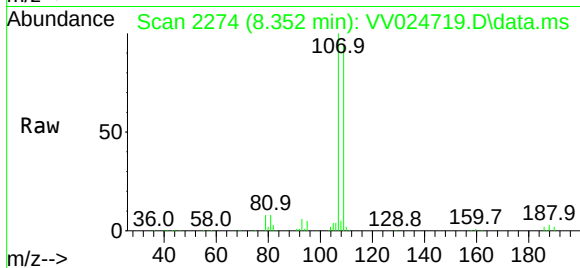
Tgt Ion:107 Resp: 169485

Ion Ratio Lower Upper

107 100

109 93.8 65.6 121.8

188 3.1 2.6 3.8



#51

Chlorobenzene

Concen: 17.715 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV024719.D

Acq: 17 Feb 2022 13:29

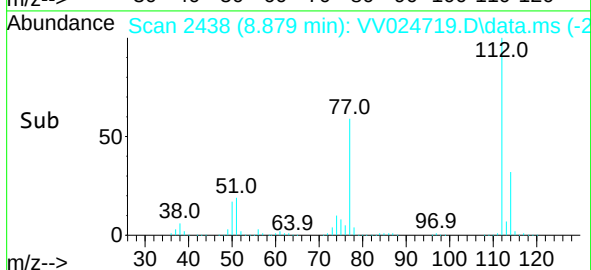
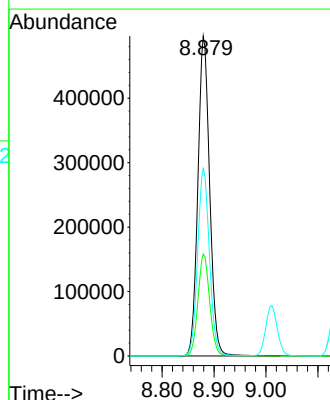
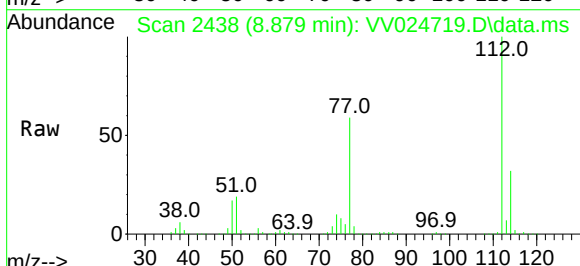
Tgt Ion:112 Resp: 780793

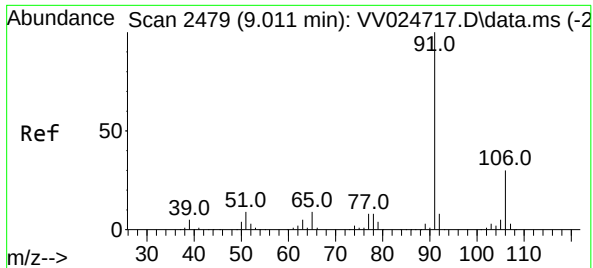
Ion Ratio Lower Upper

112 100

114 31.9 22.3 41.5

77 58.6 48.4 72.6

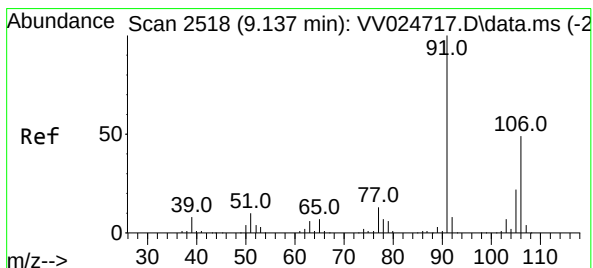
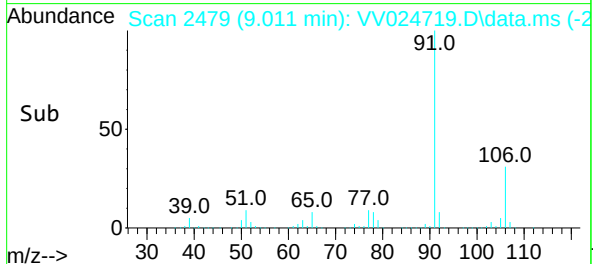
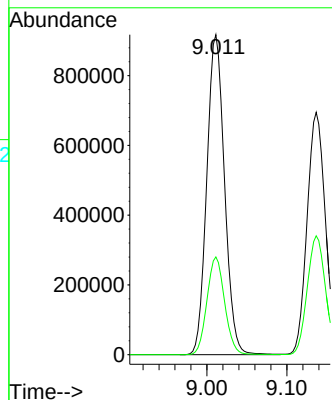
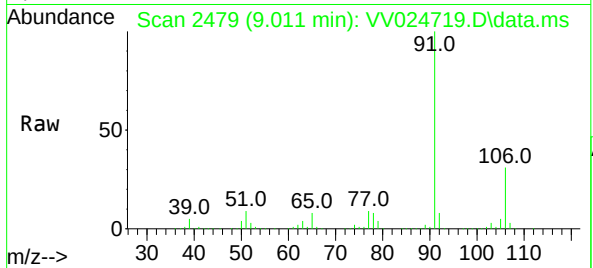




#52
Ethylbenzene
Concen: 17.799 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV024719.D
Acq: 17 Feb 2022 13:29

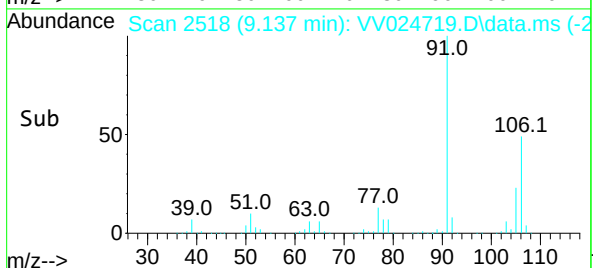
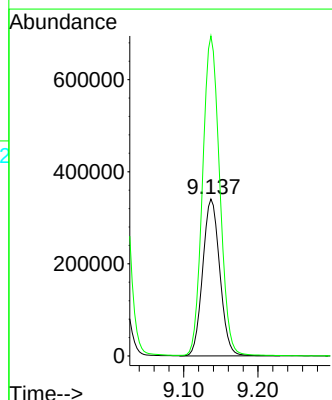
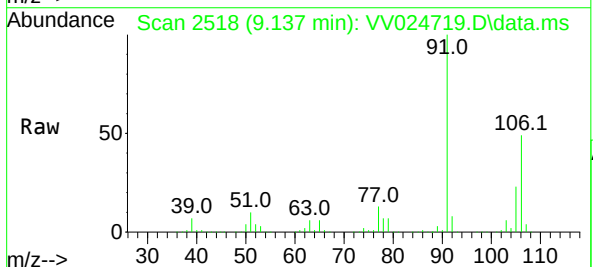
Instrument :
MSVOA_V
ClientSampleId :
VSTD020218

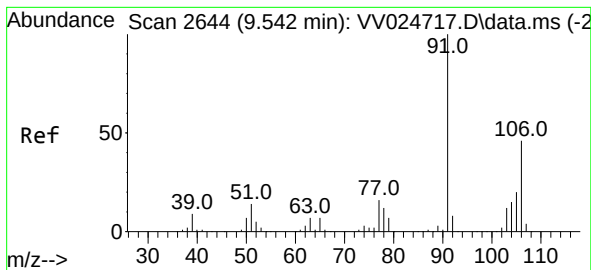
Tgt Ion: 91 Resp: 1417376
Ion Ratio Lower Upper
91 100
106 30.6 21.3 39.5



#53
m,p-xylene
Concen: 18.018 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV024719.D
Acq: 17 Feb 2022 13:29

Tgt Ion:106 Resp: 542841
Ion Ratio Lower Upper
106 100
91 203.8 143.6 266.6





#54

o-xylene

Concen: 18.057 ug/L

RT: 9.542 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV024719.D

Acq: 17 Feb 2022 13:29

Instrument :

MSVOA_V

ClientSampleId :

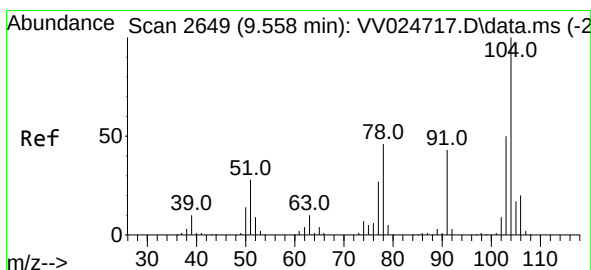
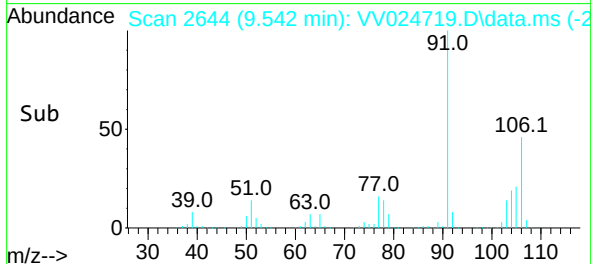
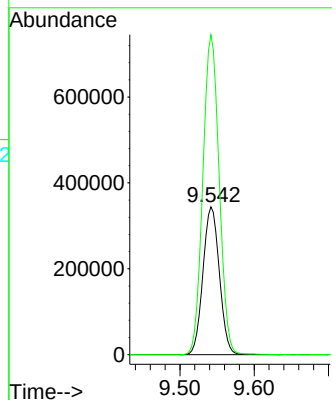
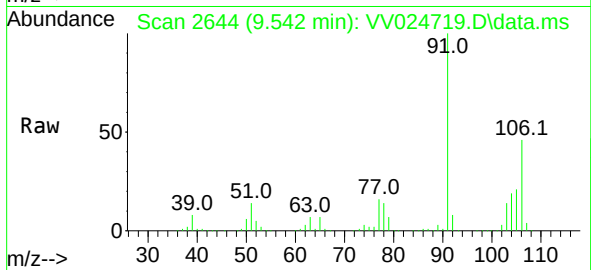
VSTD020218

Tgt Ion:106 Resp: 527993

Ion Ratio Lower Upper

106 100

91 216.4 152.2 282.7



#55

Styrene

Concen: 18.434 ug/L

RT: 9.558 min Scan# 2649

Delta R.T. -0.000 min

Lab File: VV024719.D

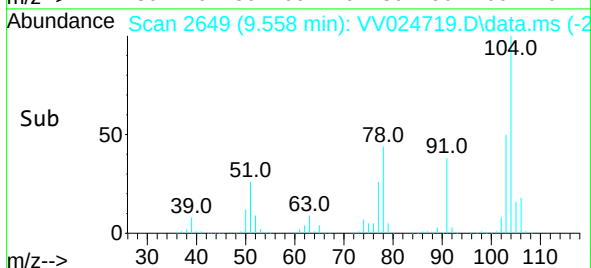
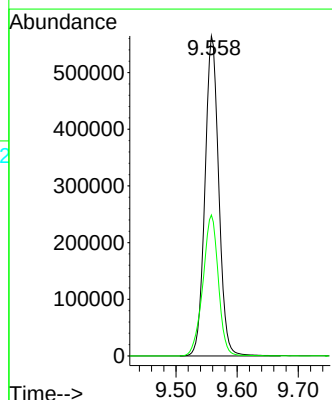
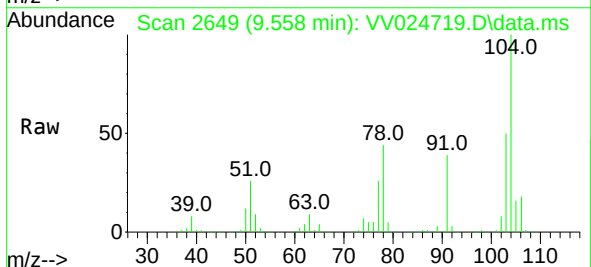
Acq: 17 Feb 2022 13:29

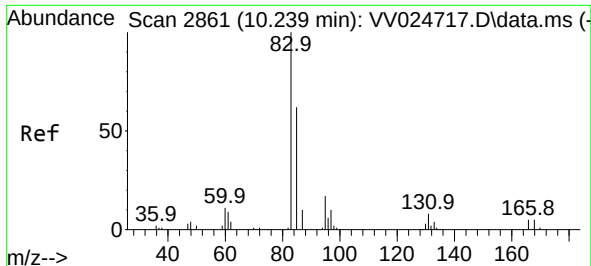
Tgt Ion:104 Resp: 886239

Ion Ratio Lower Upper

104 100

78 44.0 32.0 59.4

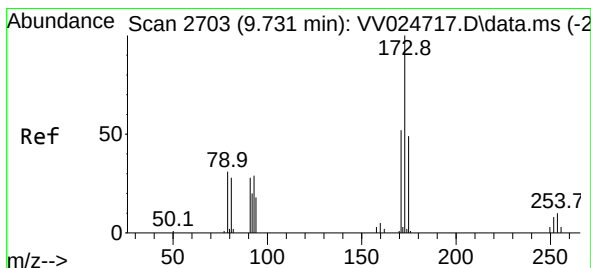
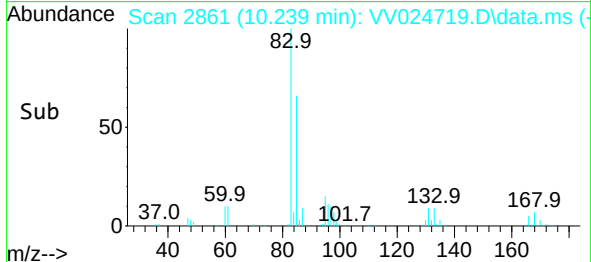
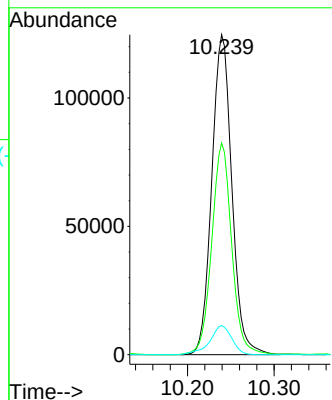
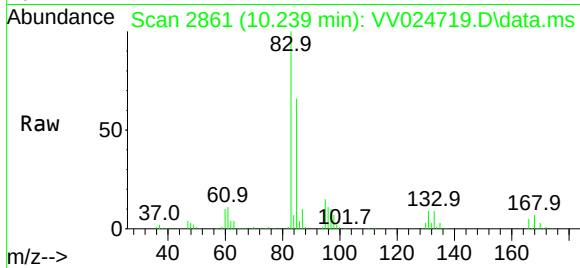




#57
 1,1,2,2-Tetrachloroethane
 Concen: 19.037 ug/L
 RT: 10.239 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV024719.D
 Acq: 17 Feb 2022 13:29

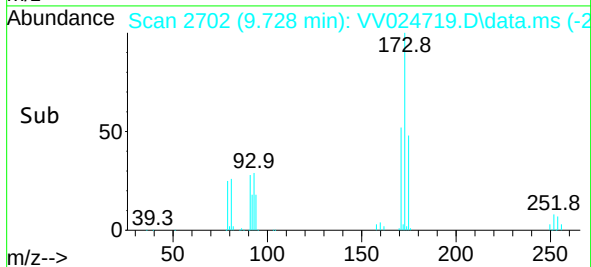
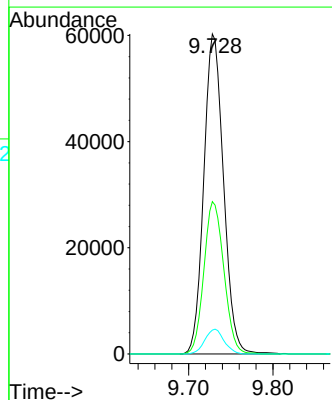
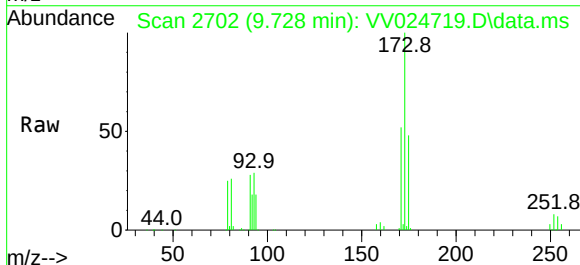
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020218

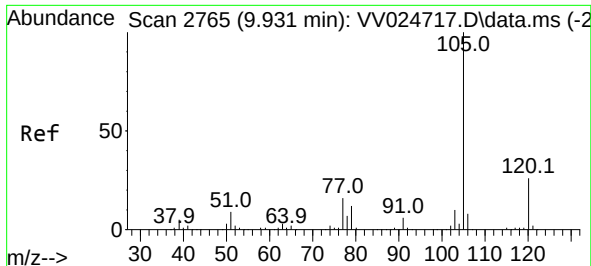
Tgt Ion: 83 Resp: 200752
 Ion Ratio Lower Upper
 83 100
 85 66.2 43.9 81.5
 131 9.1 7.0 10.4



#59
 Bromoform
 Concen: 18.689 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.003 min
 Lab File: VV024719.D
 Acq: 17 Feb 2022 13:29

Tgt Ion: 173 Resp: 98238
 Ion Ratio Lower Upper
 173 100
 175 48.2 39.4 59.0
 254 7.5 7.0 10.4

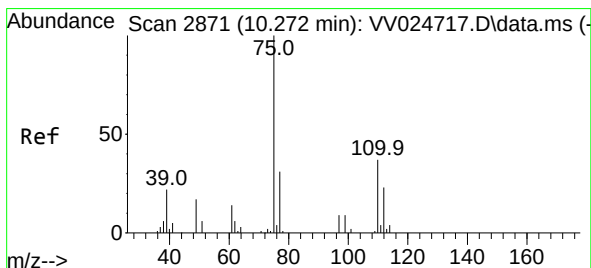
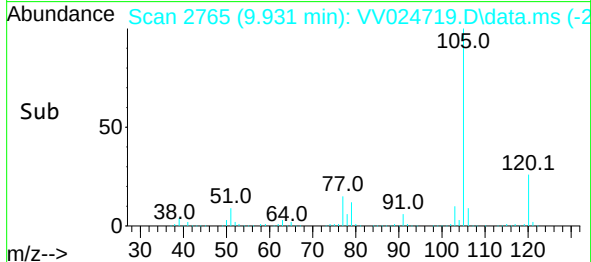
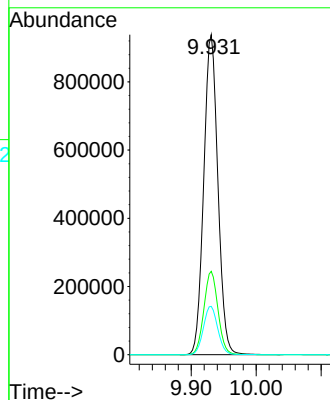
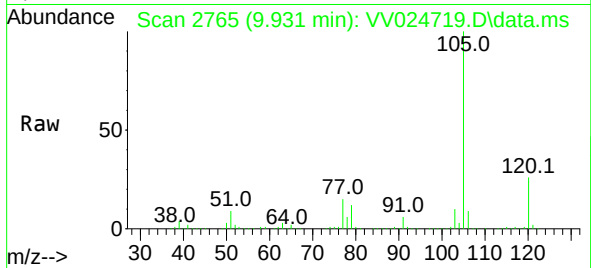




#60
Isopropylbenzene
Concen: 18.610 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV024719.D
Acq: 17 Feb 2022 13:29

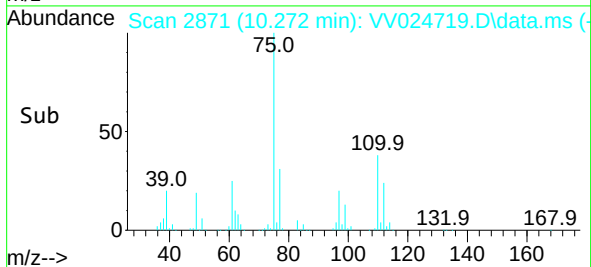
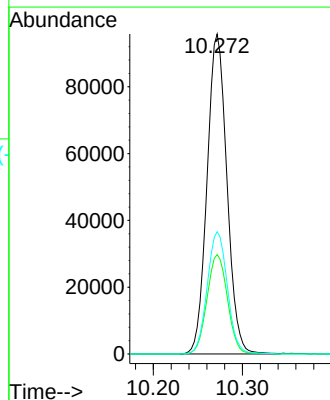
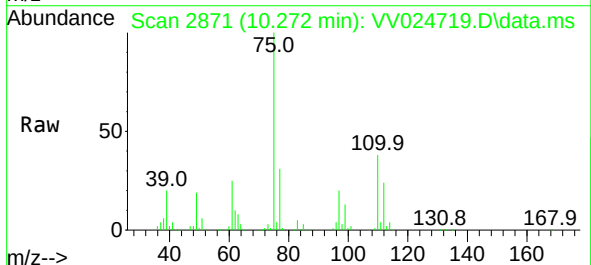
Instrument :
MSVOA_V
ClientSampleId :
VSTD020218

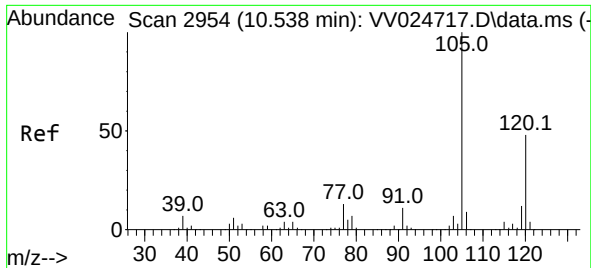
Tgt Ion:105 Resp: 1422842
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 15.4 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 17.902 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024719.D
Acq: 17 Feb 2022 13:29

Tgt Ion: 75 Resp: 148190
Ion Ratio Lower Upper
75 100
77 32.1 26.3 39.5
110 38.8 30.3 45.5

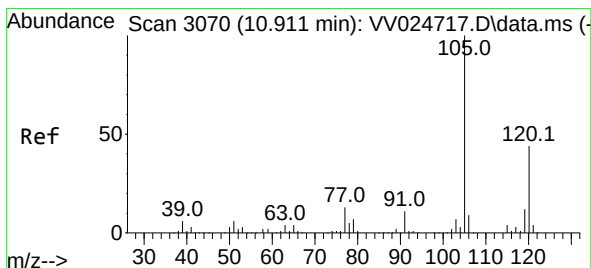
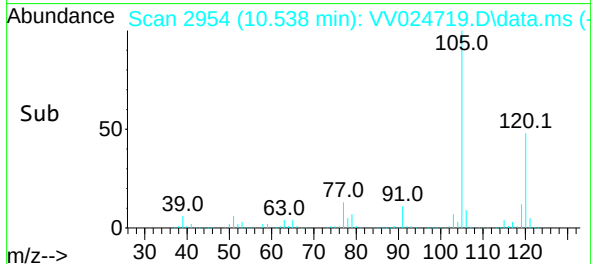
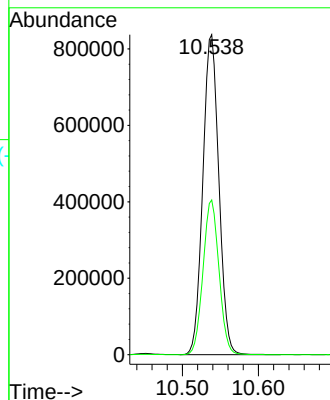
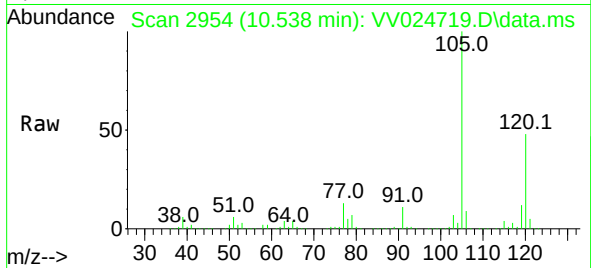




#62
1,3,5-Trimethylbenzene
Concen: 18.731 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV024719.D
Acq: 17 Feb 2022 13:29

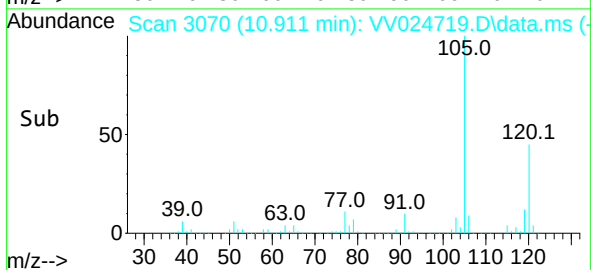
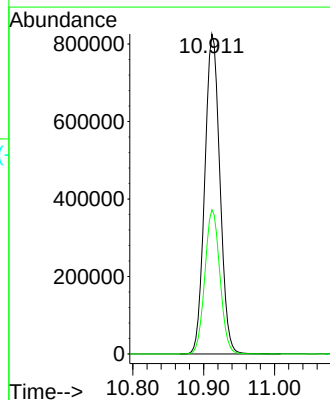
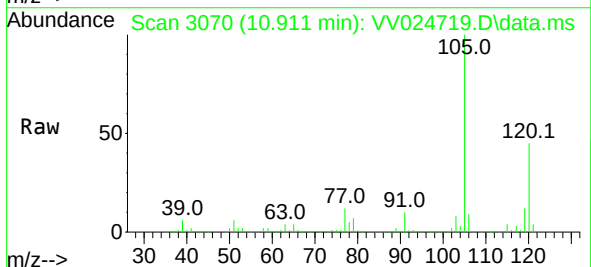
Instrument :
MSVOA_V
ClientSampleId :
VSTD020218

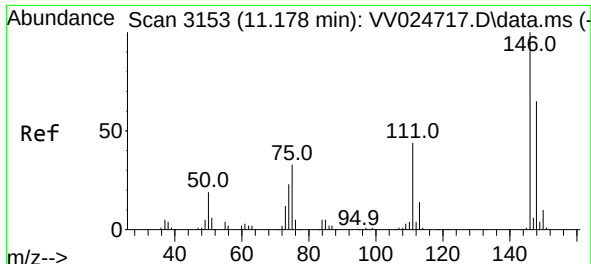
Tgt Ion:105 Resp: 1222600
Ion Ratio Lower Upper
105 100
120 48.2 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 18.852 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.000 min
Lab File: VV024719.D
Acq: 17 Feb 2022 13:29

Tgt Ion:105 Resp: 1224462
Ion Ratio Lower Upper
105 100
120 44.8 35.9 53.9

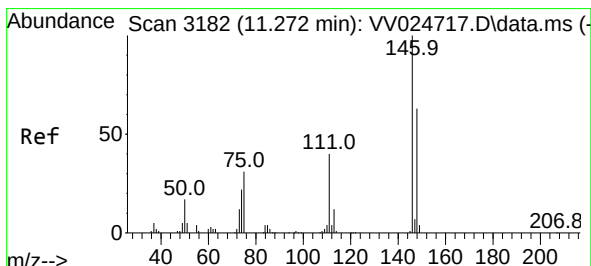
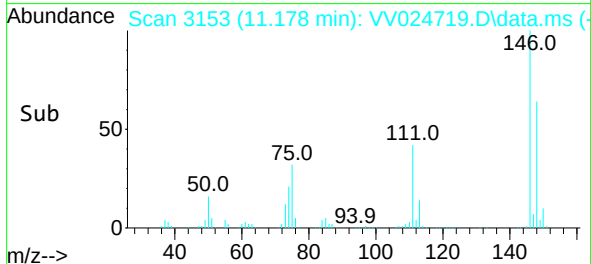
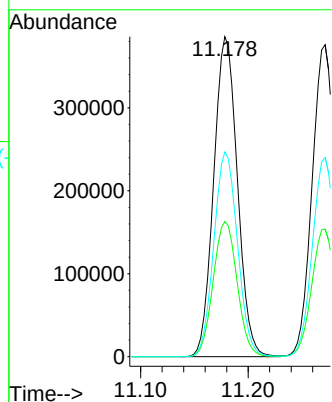
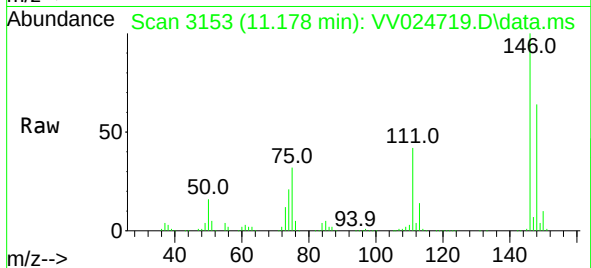




#64
1,3-Dichlorobenzene
Concen: 18.907 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024719.D
Acq: 17 Feb 2022 13:29

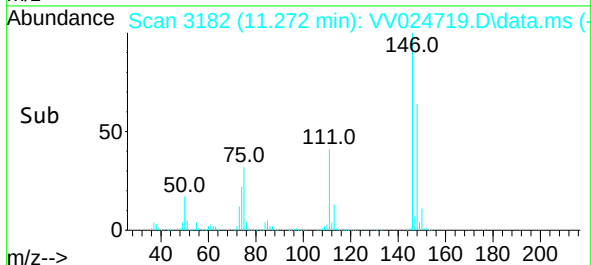
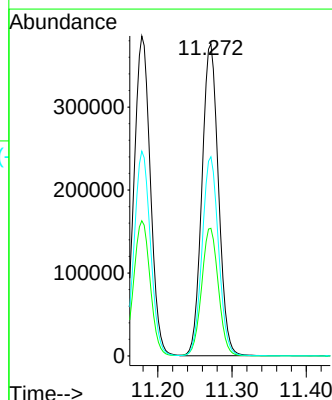
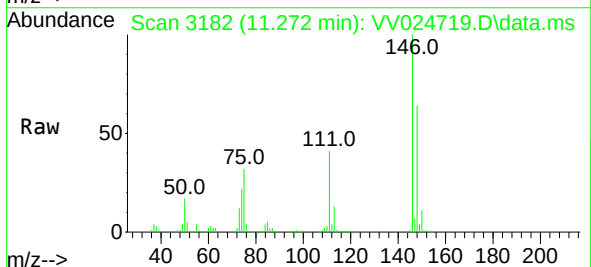
Instrument :
MSVOA_V
ClientSampleId :
VSTD020218

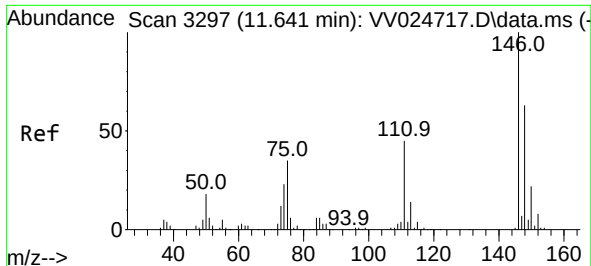
Tgt Ion:146 Resp: 590920
Ion Ratio Lower Upper
146 100
111 42.3 31.0 57.6
148 64.0 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 18.747 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024719.D
Acq: 17 Feb 2022 13:29

Tgt Ion:146 Resp: 581437
Ion Ratio Lower Upper
146 100
111 40.9 28.3 52.7
148 63.8 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 18.651 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV024719.D

Acq: 17 Feb 2022 13:29

Instrument :

MSVOA_V

ClientSampleId :

VSTD020218

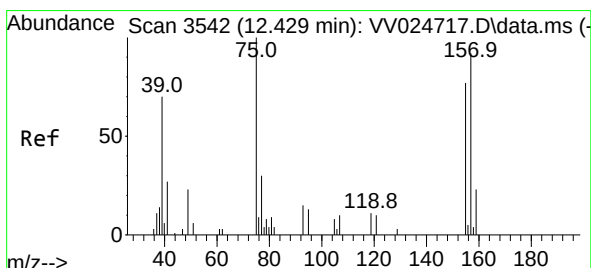
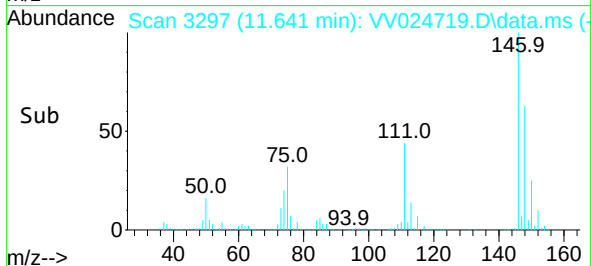
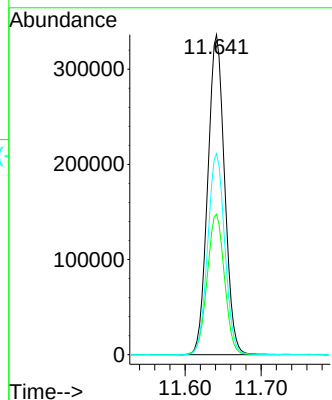
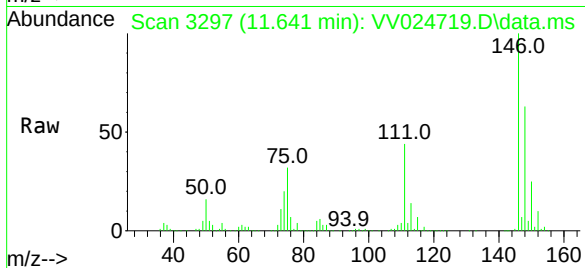
Tgt Ion:146 Resp: 517108

Ion Ratio Lower Upper

146 100

111 43.9 36.0 54.0

148 62.8 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 18.712 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.003 min

Lab File: VV024719.D

Acq: 17 Feb 2022 13:29

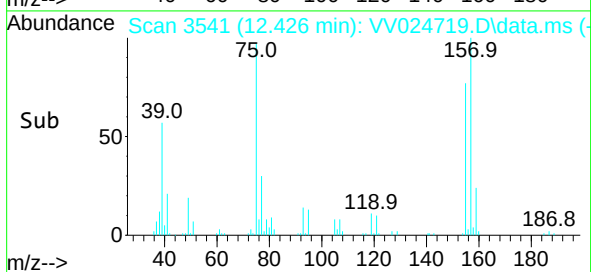
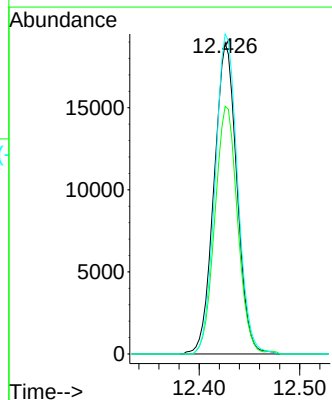
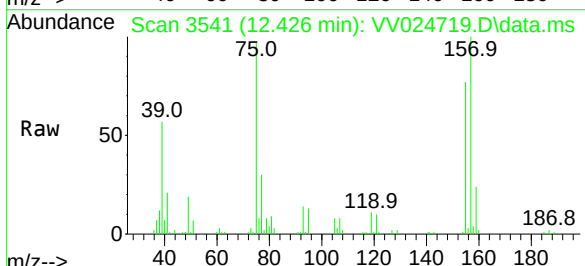
Tgt Ion: 75 Resp: 29975

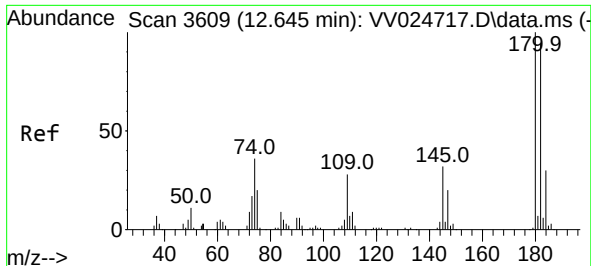
Ion Ratio Lower Upper

75 100

155 79.6 61.7 92.5

157 102.8 73.5 110.3

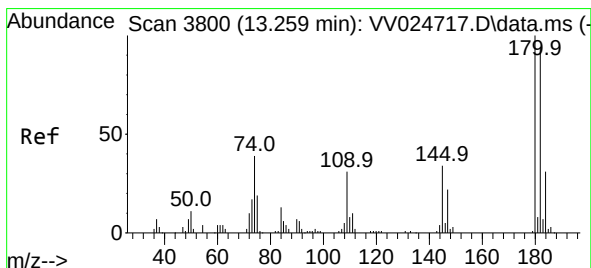
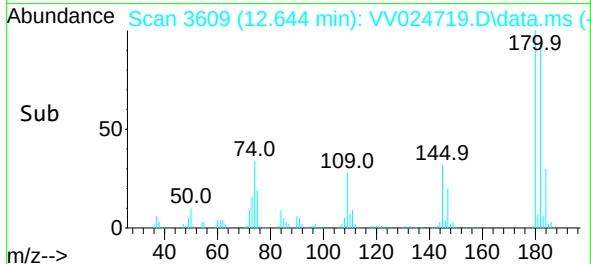
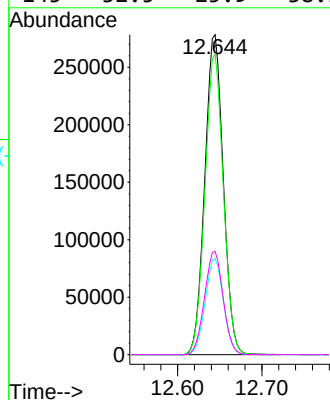
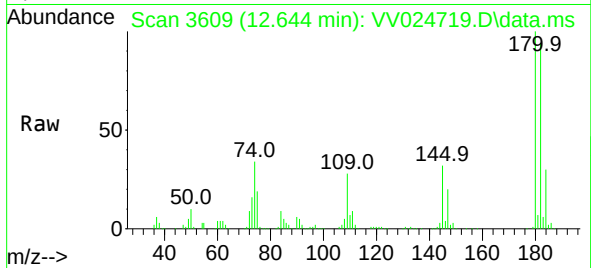




#69
1,3,5-Trichlorobenzene
Concen: 19.196 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VV024719.D
Acq: 17 Feb 2022 13:29

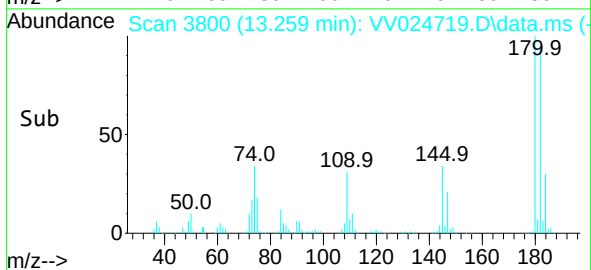
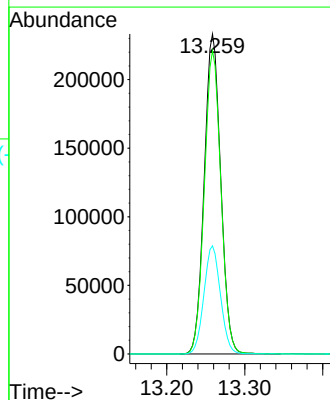
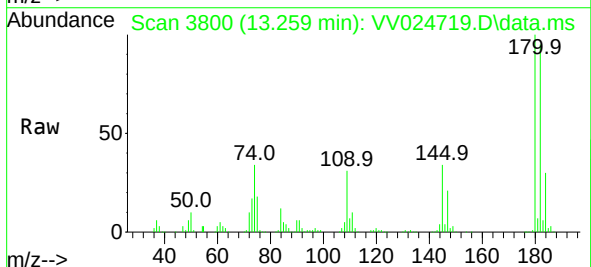
Instrument :
MSVOA_V
ClientSampleId :
VSTD020218

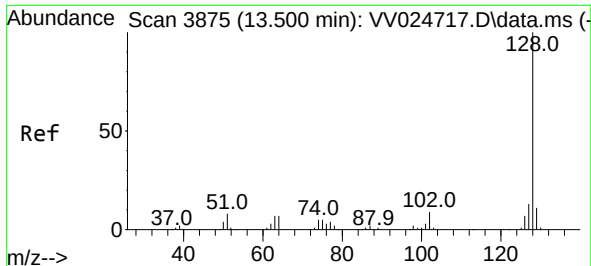
Tgt Ion:180 Resp: 425876
Ion Ratio Lower Upper
180 100
182 93.8 74.6 111.8
184 29.9 23.8 35.8
145 32.5 25.9 38.9



#70
1,2,4-trichlorobenzene
Concen: 19.291 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. -0.000 min
Lab File: VV024719.D
Acq: 17 Feb 2022 13:29

Tgt Ion:180 Resp: 342584
Ion Ratio Lower Upper
180 100
182 95.2 75.0 112.6
145 34.0 26.9 40.3

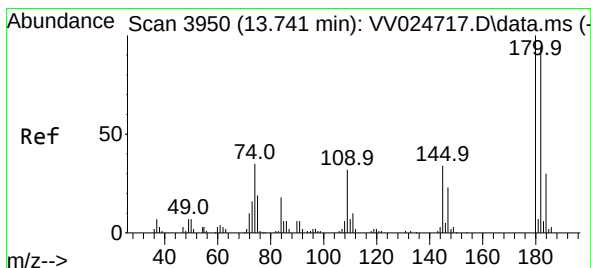
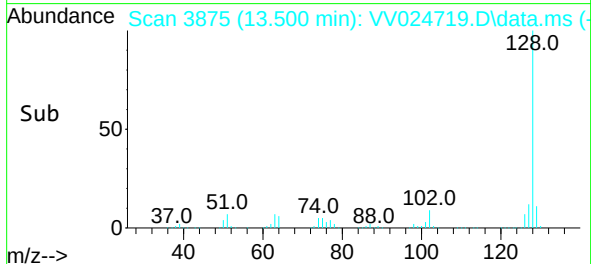
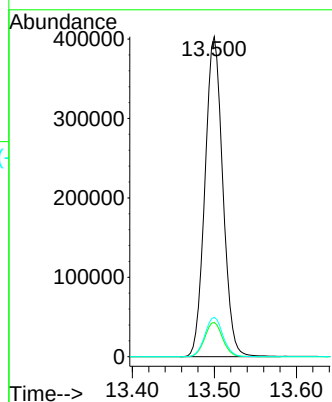
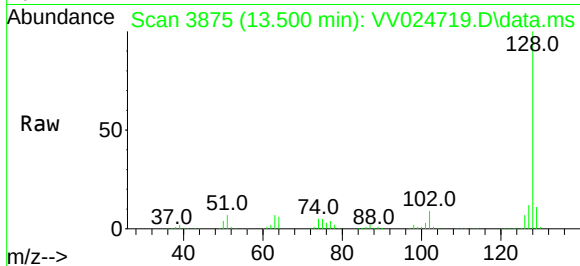




#71
Naphthalene
Concen: 19.143 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV024719.D
Acq: 17 Feb 2022 13:29

Instrument :
MSVOA_V
ClientSampleId :
VSTD020218

Tgt Ion:128 Resp: 609517
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 12.5 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 19.047 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV024719.D
Acq: 17 Feb 2022 13:29

Tgt Ion:180 Resp: 284707
Ion Ratio Lower Upper
180 100
182 95.2 75.6 113.4
145 35.7 28.5 42.7

