

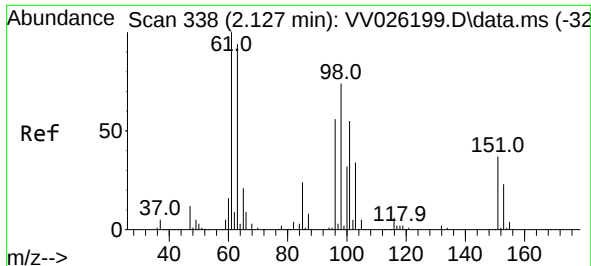
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061322\
 Data File : VW026219.D
 Acq On : 13 Jun 2022 19:10
 Operator : SY/MD
 Sample : N3273-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 14 02:41:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 14 02:36:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	158010	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	156720	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64972	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	86077	4.166	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.400%	
7) Chloroethane-d5	1.577	69	72433	4.450	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.000%	
11) 1,1-Dichloroethene-d2	2.118	63	113947	3.430	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.600%	
20) 2-Butanone-d5	3.915	46	106286	68.946	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	137.900%#	
24) Chloroform-d	4.359	84	134098	4.576	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.600%	
26) 1,2-Dichloroethane-d4	5.044	65	56864	4.813	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
32) Benzene-d6	5.056	84	256270	4.194	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.800%	
36) 1,2-Dichloropropane-d6	6.072	67	79353	4.504	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.000%	
41) Toluene-d8	7.317	98	203639	3.743	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.800%	
43) trans-1,3-Dichloroprop...	7.625	79	21810	4.101	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.000%	
46) 2-Hexanone-d5	8.092	63	80626	48.694	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.380%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	47868	4.560	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	69616	4.780	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.600%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	1255	0.099	ug/L #	21
12) 1,1-Dichloroethene	2.114	96	1006	0.083	ug/L #	1
13) Acetone	2.208	43	126061	143.223	ug/L	95
15) Methyl Acetate	2.208	43	119177	46.365	ug/L #	52
21) 2-Butanone	4.008	43	2655	2.216	ug/L	93
25) Chloroform	4.388	83	2512	0.108	ug/L	94
27) 1,2-Dichloroethane	5.060	62	1477	0.137	ug/L #	73
34) Trichloroethene	5.925	95	11466	0.896	ug/L	95
35) Methylcyclohexane	6.072	83	19360	1.119	ug/L #	19
37) 1,2-Dichloropropane	6.076	63	7927	0.646	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1702	0.124	ug/L #	42
44) trans-1,3-Dichloropropene	7.632	75	967	0.090	ug/L	96
49) Dibromochloromethane	7.976	129	278	0.033	ug/L #	13
61) 1,2,3-Trichloropropane	10.011	75	3323	0.667	ug/L #	37
68) 1,2-Dibromo-3-chloropr...	12.246	75	186	0.213	ug/L #	4

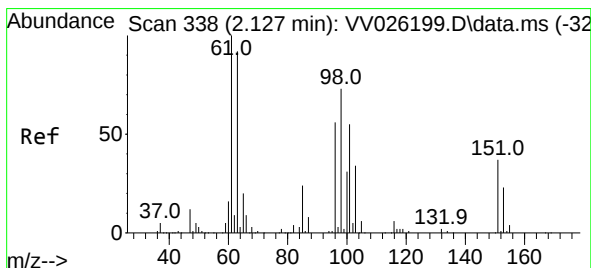
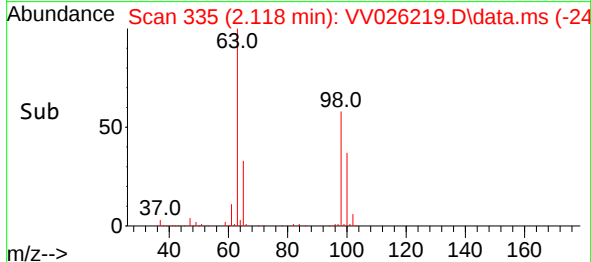
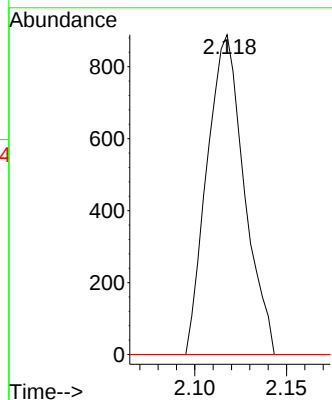
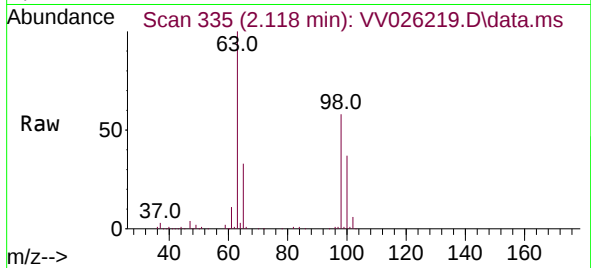
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.099 ug/L
 RT: 2.118 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: VV026219.D
 Acq: 13 Jun 2022 19:10

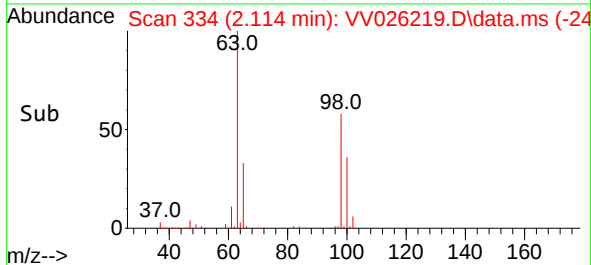
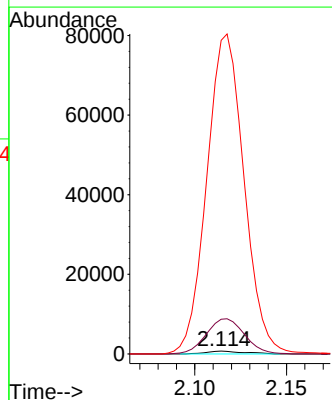
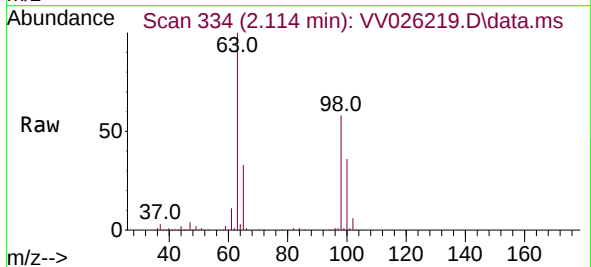
Instrument :
 MSVOA_V
 ClientSampleId :

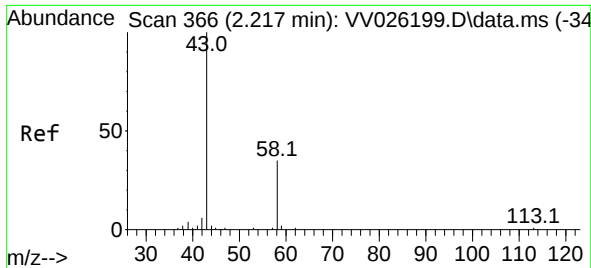
Tgt Ion:101 Resp: 1255
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 0.0 56.5 84.7#



#12
 1,1-Dichloroethene
 Concen: 0.083 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.013 min
 Lab File: VV026219.D
 Acq: 13 Jun 2022 19:10

Tgt Ion: 96 Resp: 1006
 Ion Ratio Lower Upper
 96 100
 61 1227.5 120.5 223.7#
 63 11061.8 129.3 240.1#

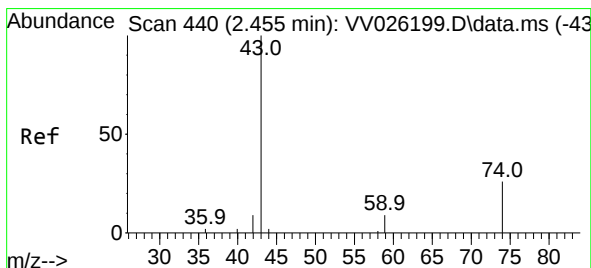
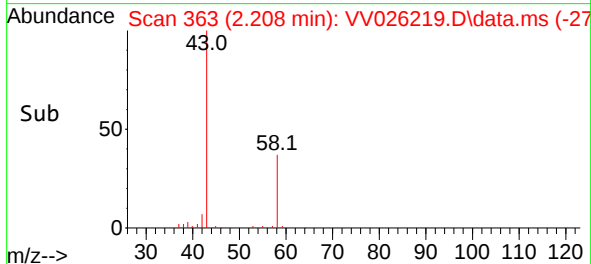
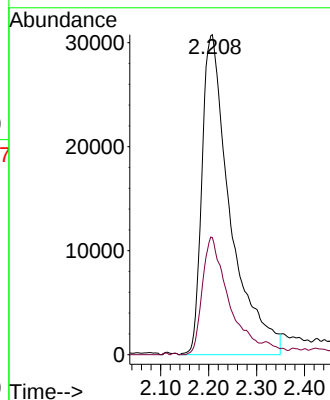
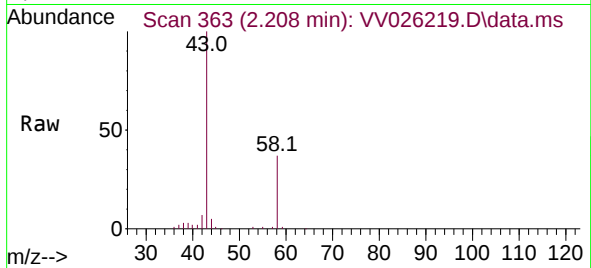




#13
Acetone
Concen: 143.223 ug/L
RT: 2.208 min Scan# 363
Delta R.T. -0.009 min
Lab File: VV026219.D
Acq: 13 Jun 2022 19:10

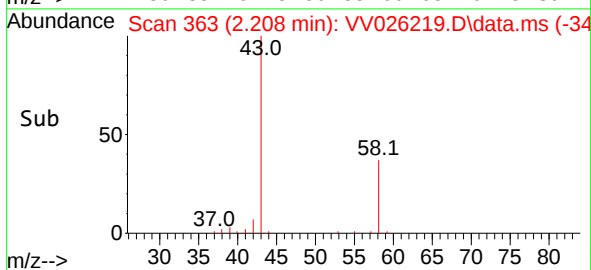
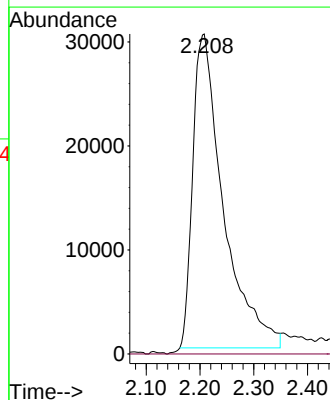
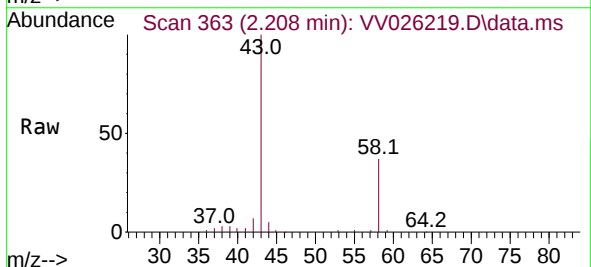
Instrument :
MSVOA_V
ClientSampleId :

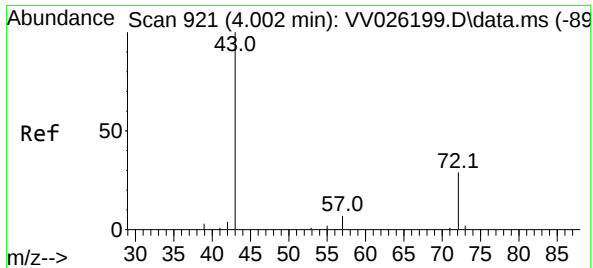
Tgt Ion: 43 Resp: 126061
Ion Ratio Lower Upper
43 100
58 34.1 0.0 73.6



#15
Methyl Acetate
Concen: 46.365 ug/L
RT: 2.208 min Scan# 363
Delta R.T. -0.247 min
Lab File: VV026219.D
Acq: 13 Jun 2022 19:10

Tgt Ion: 43 Resp: 119177
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#

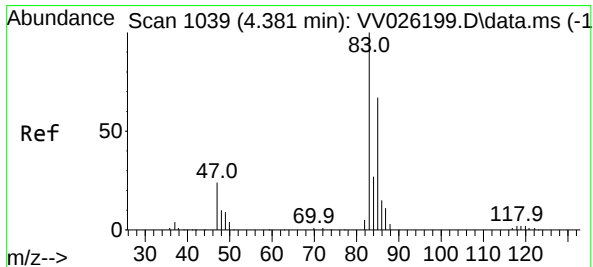
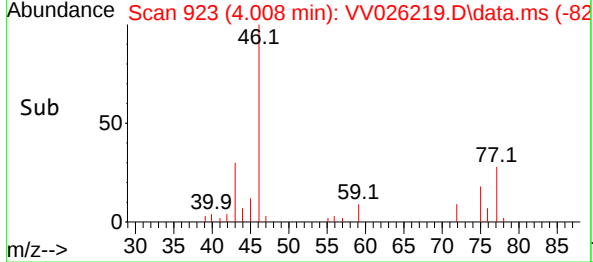
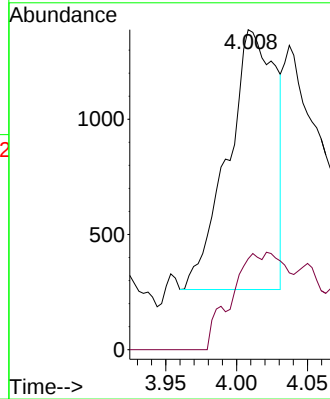
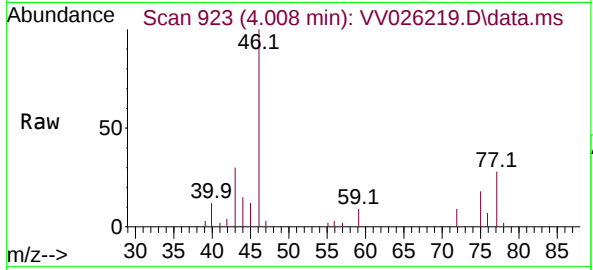




#21
2-Butanone
Concen: 2.216 ug/L
RT: 4.008 min Scan# 91
Delta R.T. 0.007 min
Lab File: VV026219.D
Acq: 13 Jun 2022 19:10

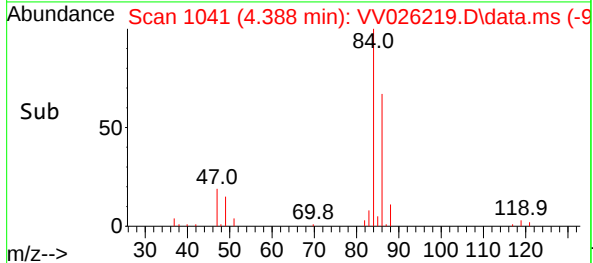
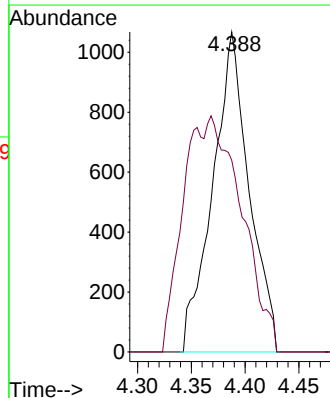
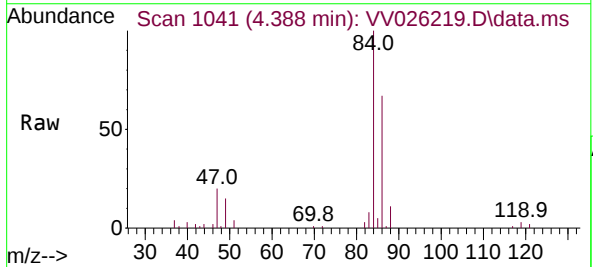
Instrument :
MSVOA_V
ClientSampleId :

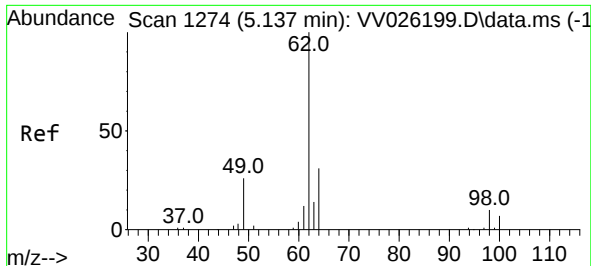
Tgt Ion: 43 Resp: 2655
Ion Ratio Lower Upper
43 100
72 24.5 10.6 31.8



#25
Chloroform
Concen: 0.108 ug/L
RT: 4.388 min Scan# 1041
Delta R.T. 0.007 min
Lab File: VV026219.D
Acq: 13 Jun 2022 19:10

Tgt Ion: 83 Resp: 2512
Ion Ratio Lower Upper
83 100
85 59.9 45.3 84.1





#27

1,2-Dichloroethane

Concen: 0.137 ug/L

RT: 5.060 min Scan# 1

Delta R.T. -0.077 min

Lab File: VV026219.D

Acq: 13 Jun 2022 19:10

Instrument :

MSVOA_V

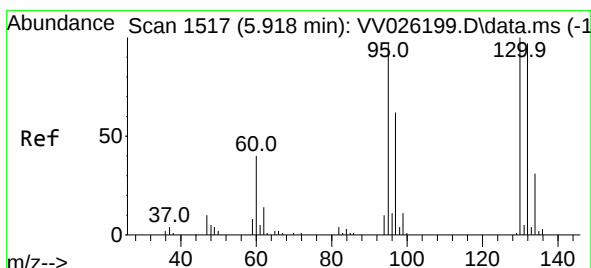
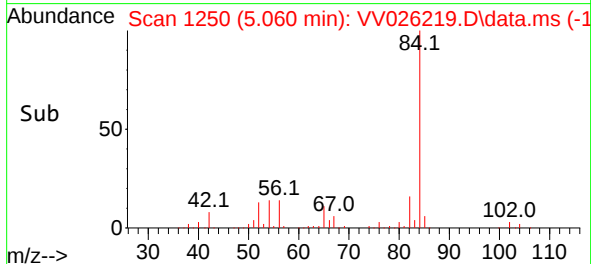
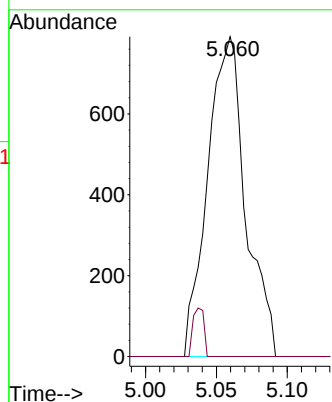
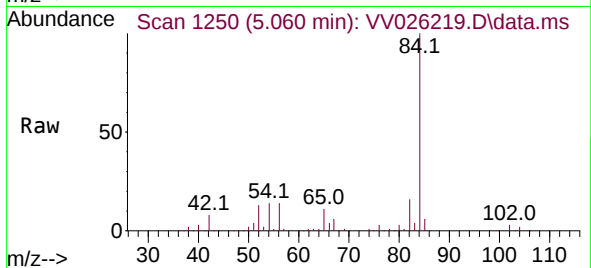
ClientSampleId :

Tgt Ion: 62 Resp: 1477

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#34

Trichloroethene

Concen: 0.896 ug/L

RT: 5.925 min Scan# 1519

Delta R.T. 0.007 min

Lab File: VV026219.D

Acq: 13 Jun 2022 19:10

Tgt Ion: 95 Resp: 11466

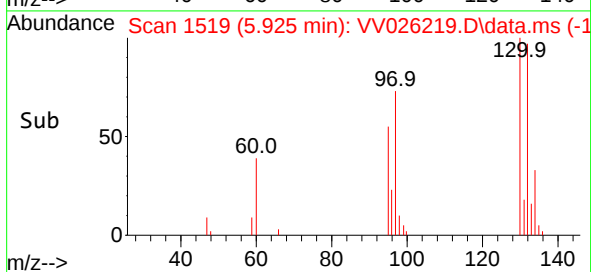
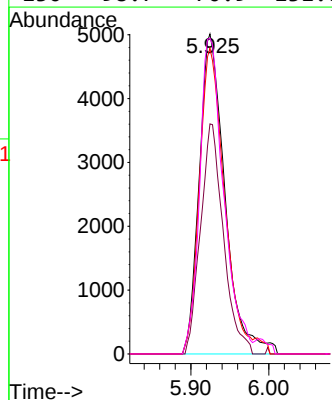
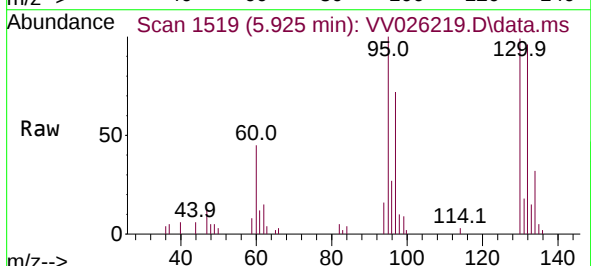
Ion Ratio Lower Upper

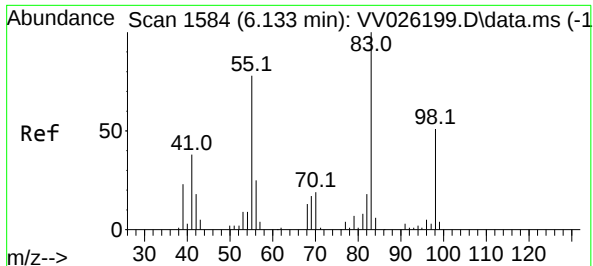
95 100

97 71.9 43.3 80.3

132 95.5 67.5 125.4

130 98.7 70.9 131.7





#35

Methylcyclohexane

Concen: 1.119 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV026219.D

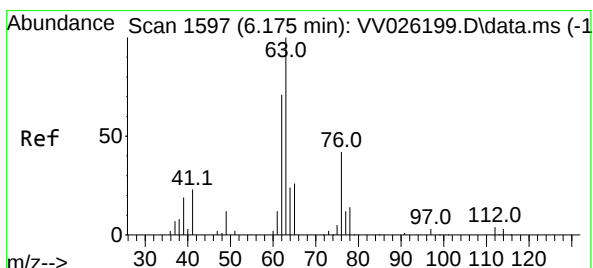
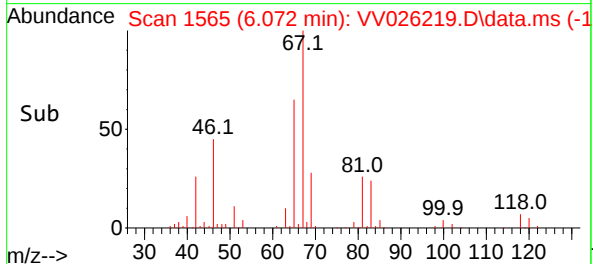
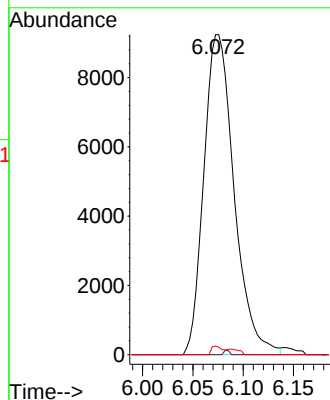
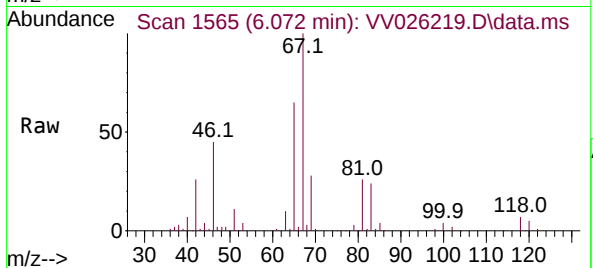
Acq: 13 Jun 2022 19:10

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 19360
Ion Ratio	Lower Upper
83 100	
55 0.0	59.5 89.3#
98 1.0	38.4 57.6#



#37

1,2-Dichloropropane

Concen: 0.646 ug/L

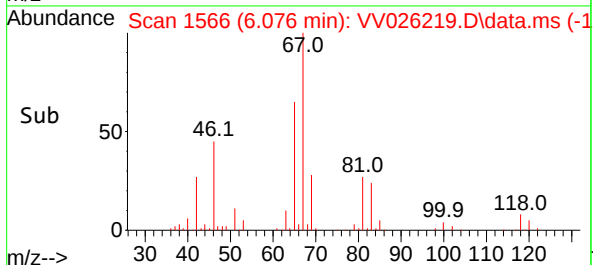
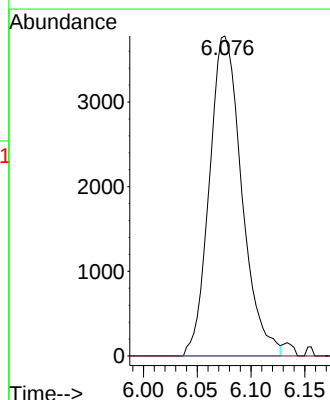
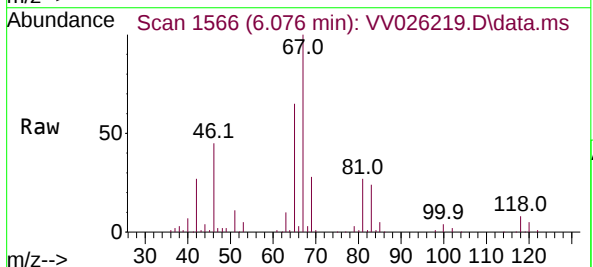
RT: 6.076 min Scan# 1566

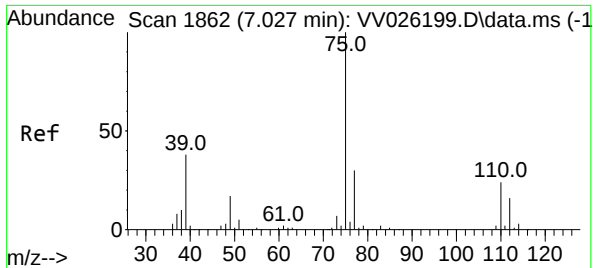
Delta R.T. -0.099 min

Lab File: VV026219.D

Acq: 13 Jun 2022 19:10

Tgt Ion: 63	Resp: 7927
Ion Ratio	Lower Upper
63 100	
112 0.0	3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.124 ug/L

RT: 6.992 min Scan# 1862

Delta R.T. -0.035 min

Lab File: VV026219.D

Acq: 13 Jun 2022 19:10

Instrument :

MSVOA_V

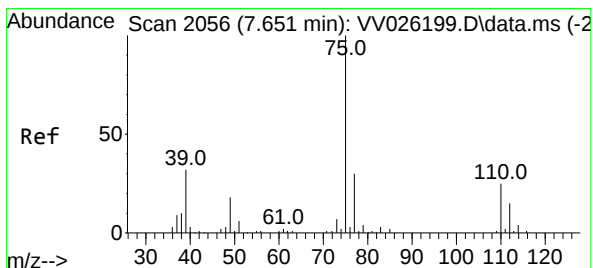
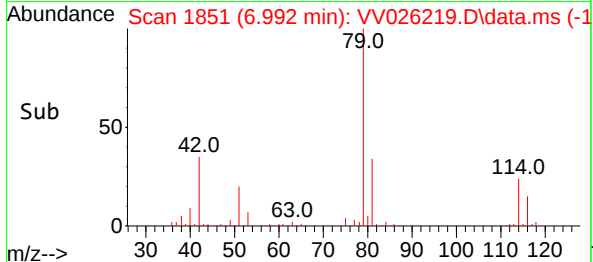
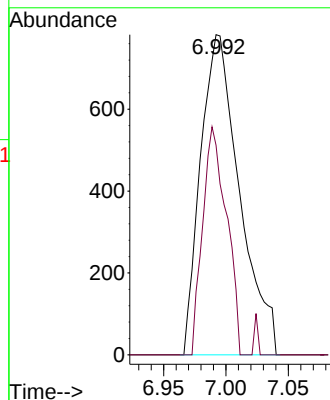
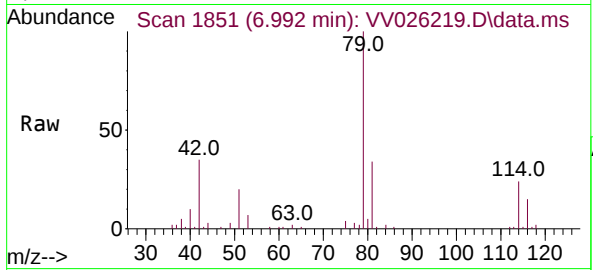
ClientSampleId :

Tgt Ion: 75 Resp: 1702

Ion Ratio Lower Upper

75 100

77 65.5 22.9 42.5#



#44

trans-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.632 min Scan# 2050

Delta R.T. -0.019 min

Lab File: VV026219.D

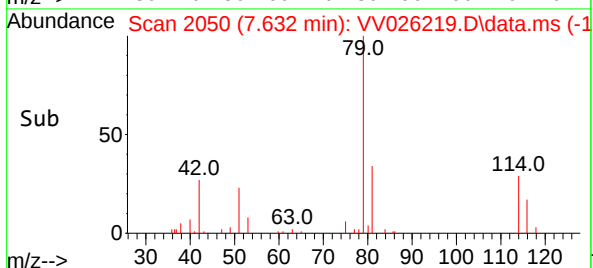
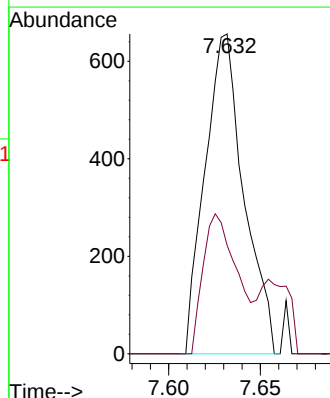
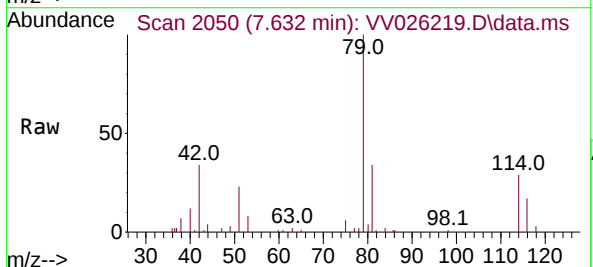
Acq: 13 Jun 2022 19:10

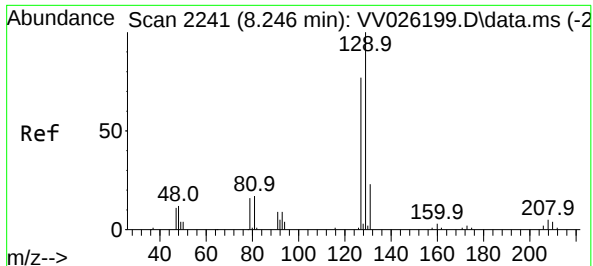
Tgt Ion: 75 Resp: 967

Ion Ratio Lower Upper

75 100

77 34.0 22.3 41.3





#49

Dibromochloromethane

Concen: 0.033 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV026219.D

Acq: 13 Jun 2022 19:10

Instrument :

MSVOA_V

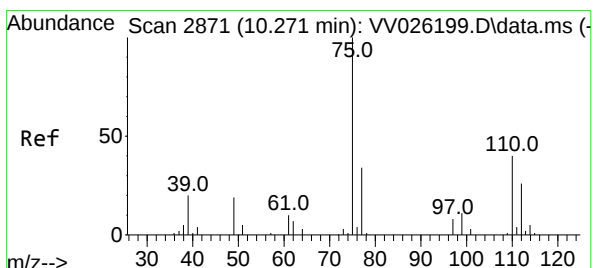
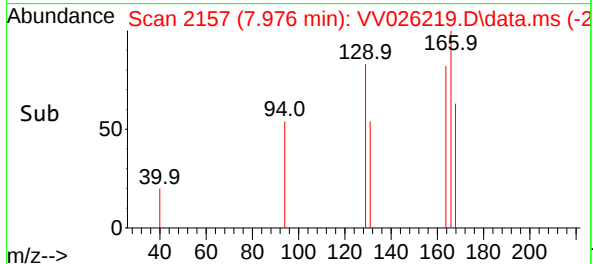
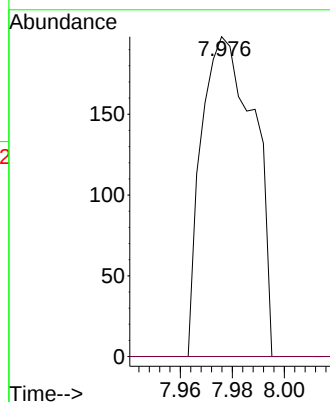
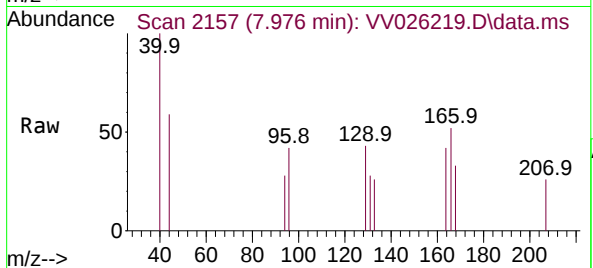
ClientSampleId :

Tgt Ion:129 Resp: 278

Ion Ratio Lower Upper

129 100

127 0.0 50.9 94.5#



#61

1,2,3-Trichloropropane

Concen: 0.667 ug/L

RT: 10.011 min Scan# 2790

Delta R.T. -0.260 min

Lab File: VV026219.D

Acq: 13 Jun 2022 19:10

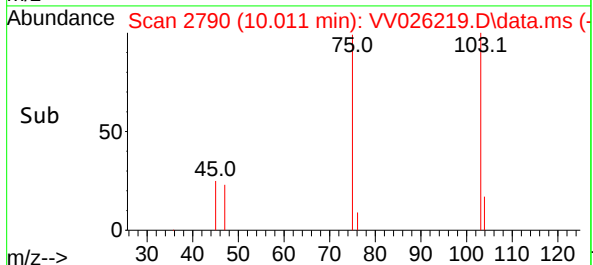
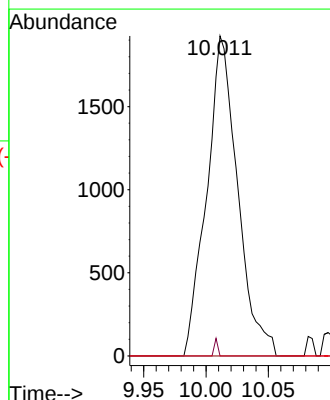
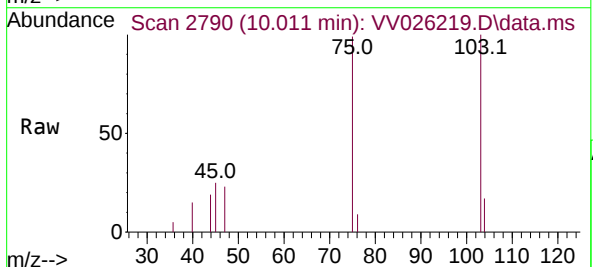
Tgt Ion: 75 Resp: 3323

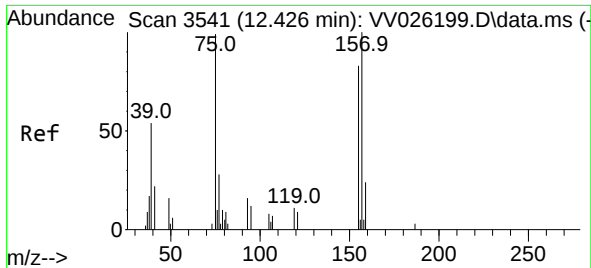
Ion Ratio Lower Upper

75 100

77 0.0 27.8 41.8#

110 0.0 33.0 49.4#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.213 ug/L

RT: 12.246 min Scan# 34

Delta R.T. -0.180 min

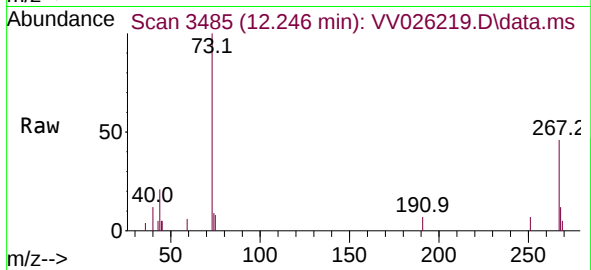
Lab File: VV026219.D

Acq: 13 Jun 2022 19:10

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 186

Ion Ratio Lower Upper

75 100

155 0.0 67.0 100.6#

157 0.0 77.7 116.5#

