

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111221\
 Data File : VW023423.D
 Acq On : 12 Nov 2021 06:35
 Operator : SY/MD
 Sample : M4580-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 00:08:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 04:43:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	116861	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	121954	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54112	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	30715	4.196	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.568	69	26446	4.432	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.108	63	45154	3.295	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.800%
20) 2-Butanone-d5	3.899	46	48922	38.788	ug/L	-0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.580%
24) Chloroform-d	4.349	84	66606	4.269	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.037	65	32927	4.693	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.053	84	126271	4.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	6.072	67	39402	4.278	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.320	98	108617	3.704	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.000%
43) trans-1,3-Dichloroprop...	7.628	79	12748	3.650	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.091	63	58603	45.603	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.200%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28625	4.321	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	43021	4.775	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	391	0.040	ug/L #	1
6) Bromomethane	1.526	94	459	0.074	ug/L	96
12) 1,1-Dichloroethene	2.108	96	989	0.142	ug/L #	1
22) cis-1,2-Dichloroethene	3.915	96	16575	2.010	ug/L #	96
25) Chloroform	4.371	83	7343	0.476	ug/L	100
27) 1,2-Dichloroethane	5.053	62	799	0.097	ug/L #	72
33) Benzene	5.111	78	4078	0.120	ug/L	100
34) Trichloroethene	5.915	95	60183	6.639	ug/L	97
35) Methylcyclohexane	6.069	83	10105	0.706	ug/L #	18
37) 1,2-Dichloropropane	6.075	63	4697	0.590	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1032	0.090	ug/L #	37
42) Toluene	7.403	91	3945	0.108	ug/L	96
45) 1,1,2-Trichloroethane	8.005	97	209749	36.685	ug/L #	25
47) Tetrachloroethene	8.008	164	19932319	2537.256	ug/L	88
49) Dibromochloromethane	8.008	129	19371286	2673.872	ug/L #	10
61) 1,2,3-Trichloropropane	11.185	75	497	0.138	ug/L #	42
64) 1,3-Dichlorobenzene	11.188	146	1523	0.096	ug/L #	79
67) 1,2-Dichlorobenzene	11.648	146	3305	0.233	ug/L #	86

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 12 04:43:24 2021
Response via : Initial Calibration

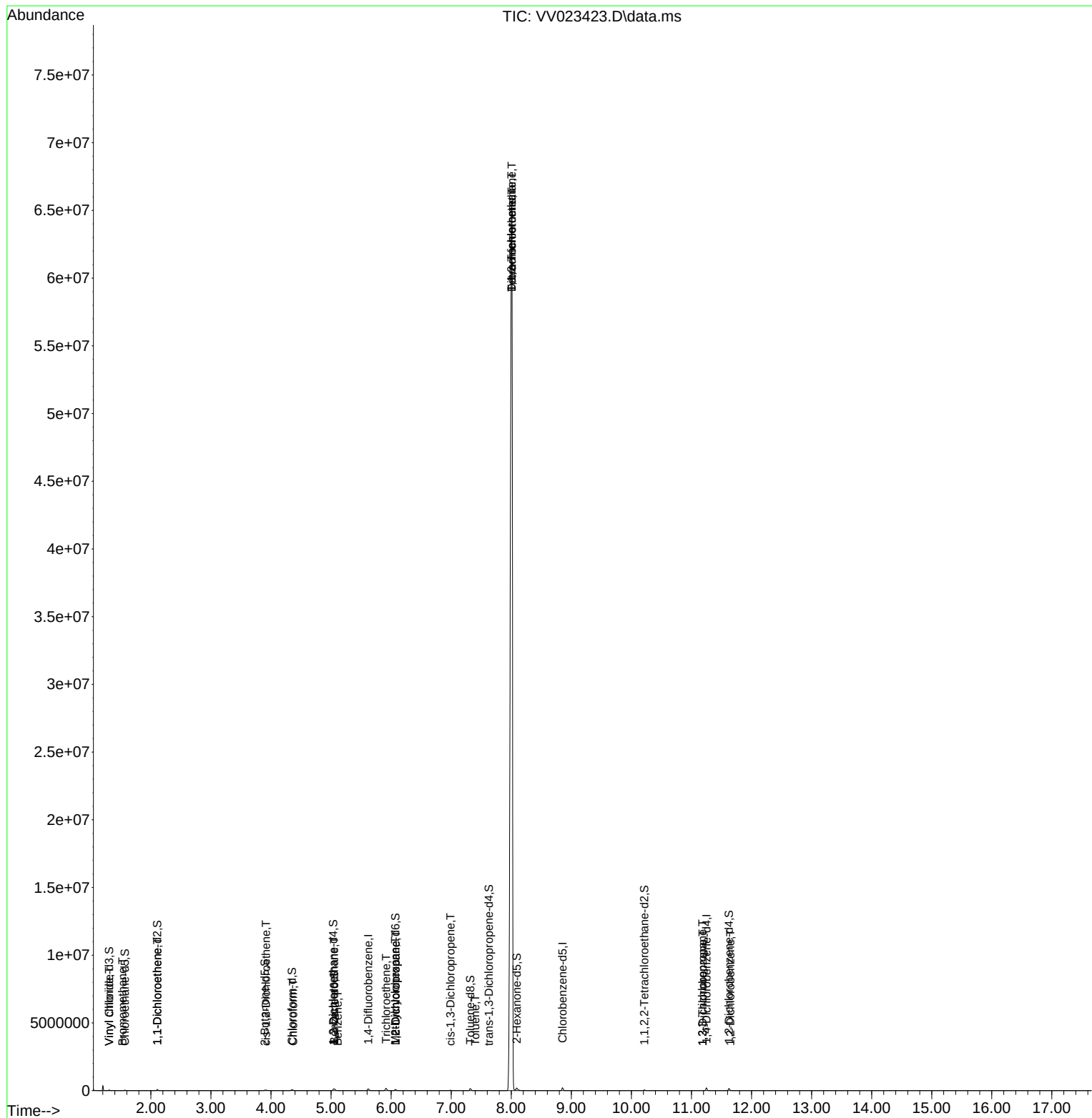
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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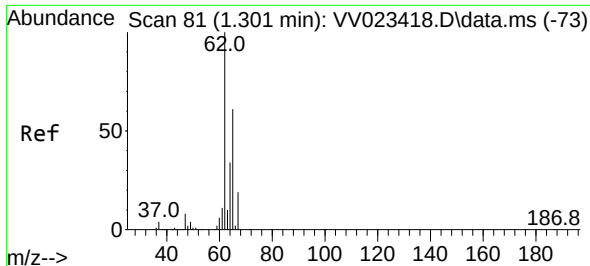
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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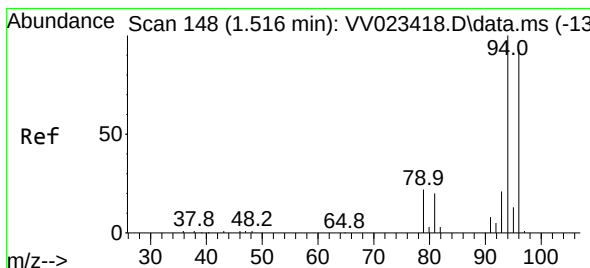
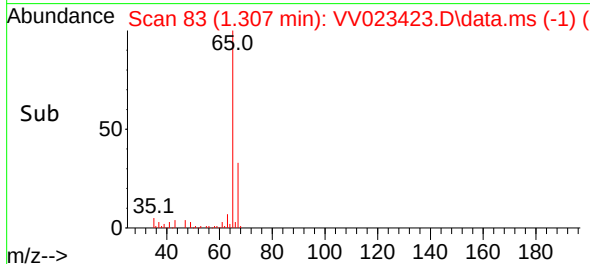
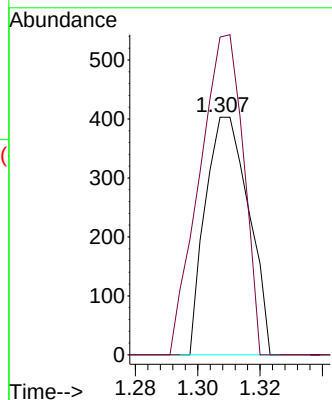
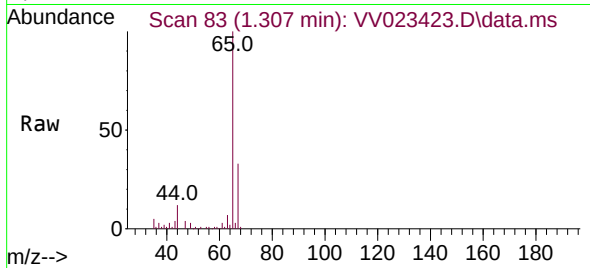




#5
 Vinyl chloride
 Concen: 0.040 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VV023423.D
 Acq: 12 Nov 2021 06:35

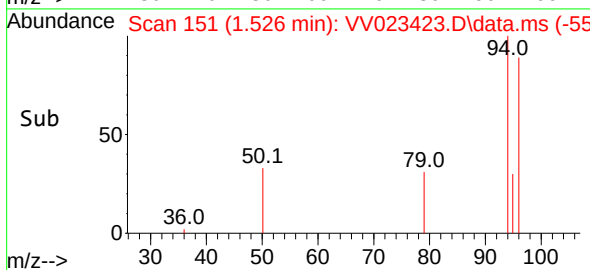
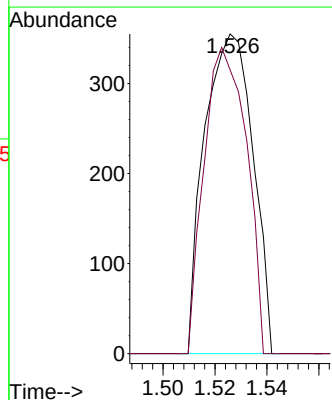
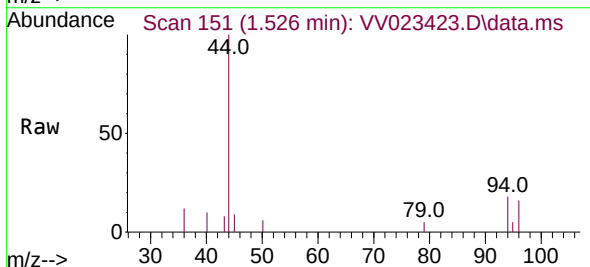
Instrument :
 MSVOA_V
 ClientSampleId :

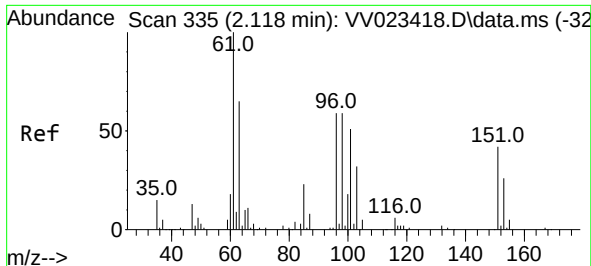
Tgt Ion: 62 Resp: 391
 Ion Ratio Lower Upper
 62 100
 64 133.7 23.1 42.9#



#6
 Bromomethane
 Concen: 0.074 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.010 min
 Lab File: VV023423.D
 Acq: 12 Nov 2021 06:35

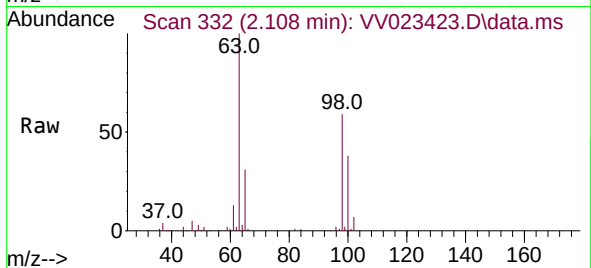
Tgt Ion: 94 Resp: 459
 Ion Ratio Lower Upper
 94 100
 96 88.7 65.0 120.8



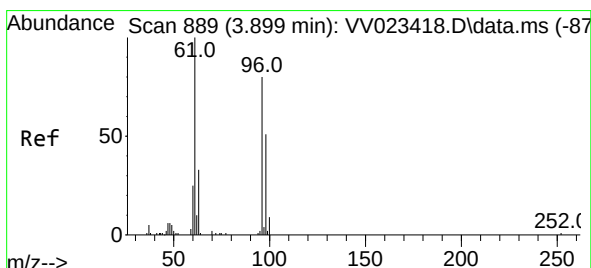
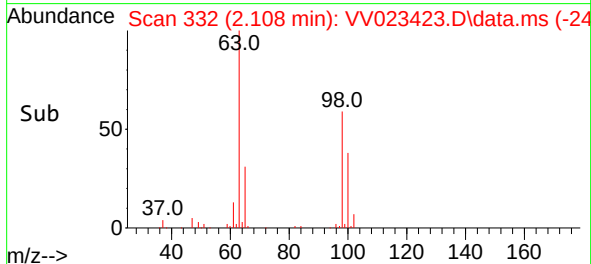
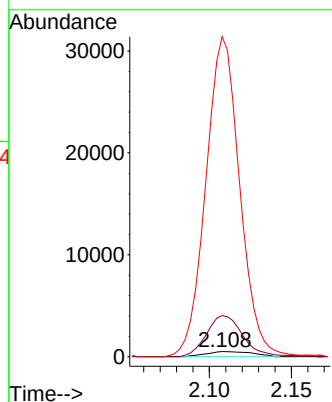


#12
1,1-Dichloroethene
Concen: 0.142 ug/L
RT: 2.108 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV023423.D
Acq: 12 Nov 2021 06:35

Instrument :
MSVOA_V
ClientSampleId :

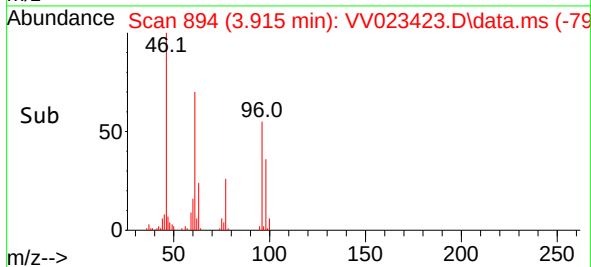
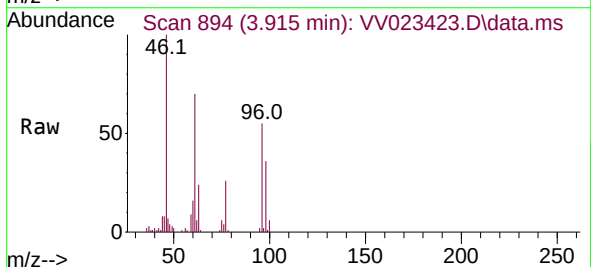
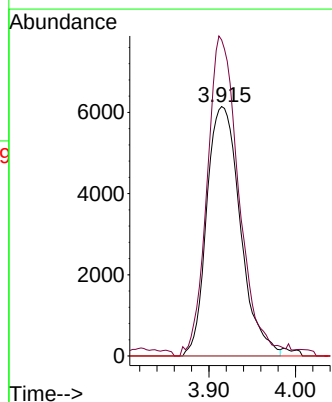


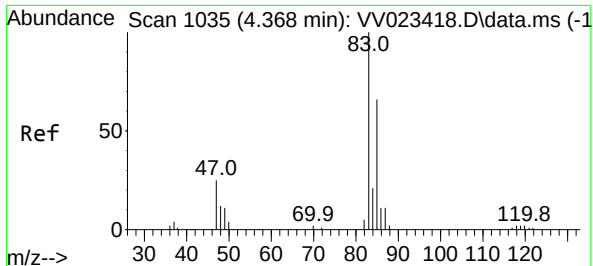
Tgt Ion: 96 Resp: 989
Ion Ratio Lower Upper
96 100
61 813.1 121.5 225.7#
63 6319.5 99.6 185.0#



#22
cis-1,2-Dichloroethene
Concen: 2.010 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.016 min
Lab File: VV023423.D
Acq: 12 Nov 2021 06:35

Tgt Ion: 96 Resp: 16575
Ion Ratio Lower Upper
96 100
61 126.7 92.3 171.3
68 0.0 0.4 0.8#





#25

Chloroform

Concen: 0.476 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV023423.D

Acq: 12 Nov 2021 06:35

Instrument :

MSVOA_V

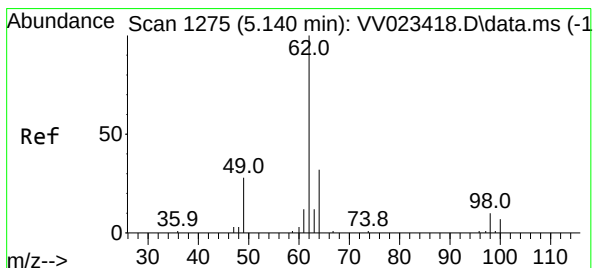
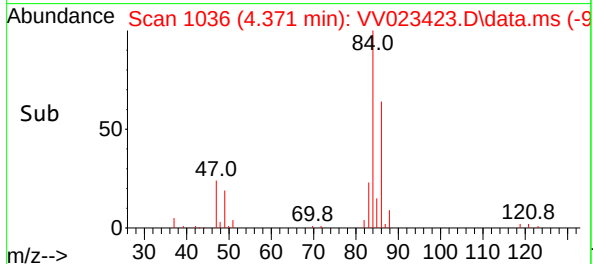
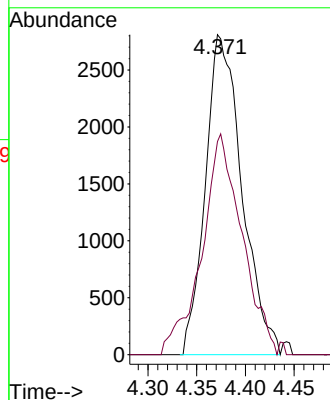
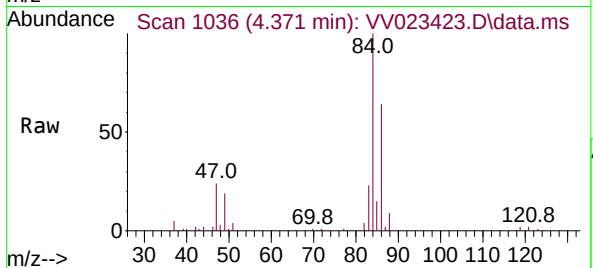
ClientSampleId :

Tgt Ion: 83 Resp: 7343

Ion Ratio Lower Upper

83 100

85 66.6 46.8 86.8



#27

1,2-Dichloroethane

Concen: 0.097 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.087 min

Lab File: VV023423.D

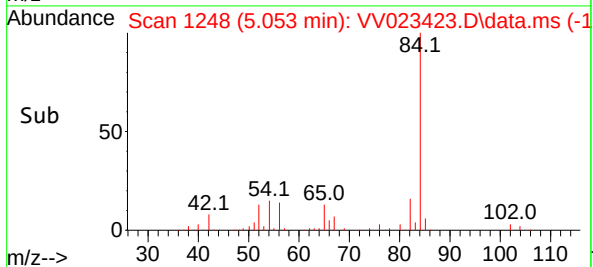
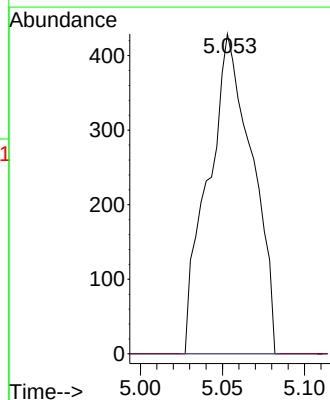
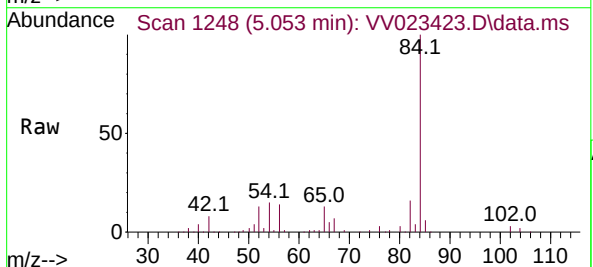
Acq: 12 Nov 2021 06:35

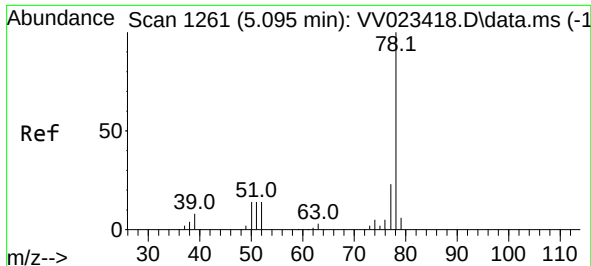
Tgt Ion: 62 Resp: 799

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#

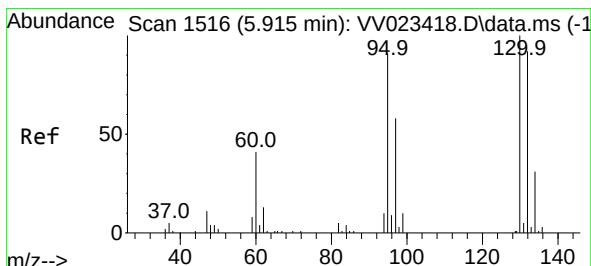
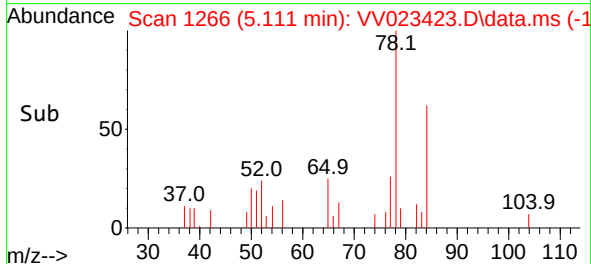
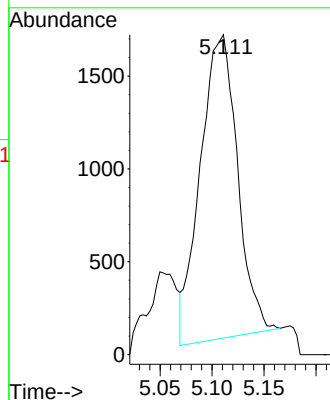
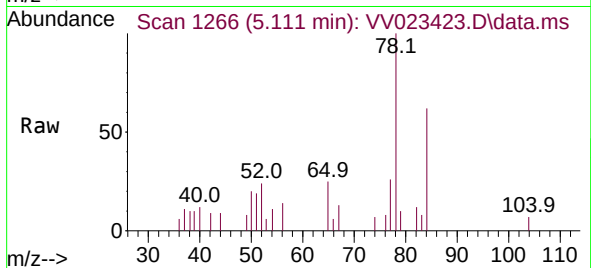




#33
Benzene
Concen: 0.120 ug/L
RT: 5.111 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV023423.D
Acq: 12 Nov 2021 06:35

Instrument :
MSVOA_V
ClientSampleId :

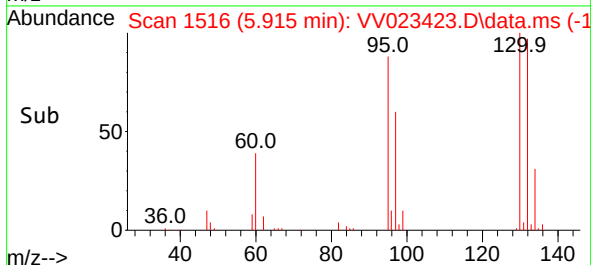
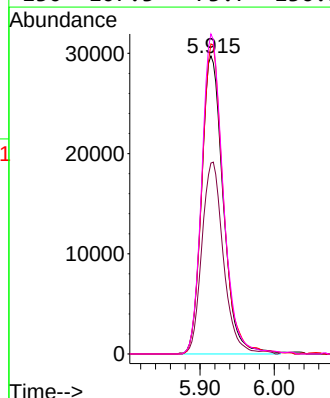
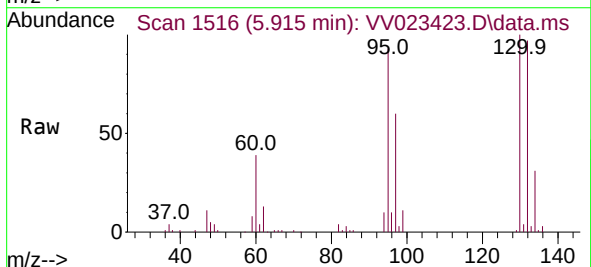
Tgt Ion: 78 Resp: 4078

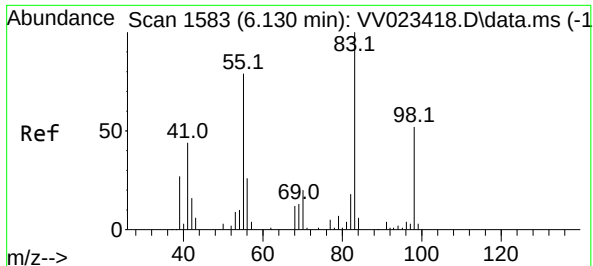


#34
Trichloroethene
Concen: 6.639 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV023423.D
Acq: 12 Nov 2021 06:35

Tgt Ion: 95 Resp: 60183

Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.0	83.6
132	104.0	69.7	129.4
130	107.3	73.7	136.9

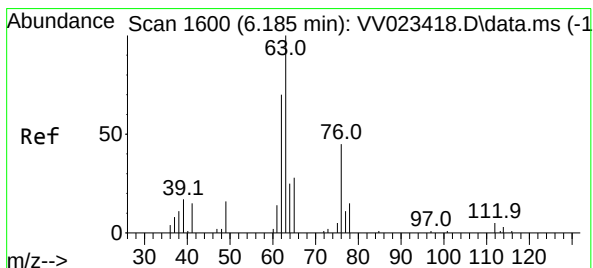
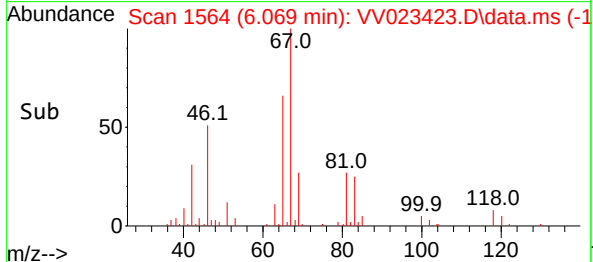
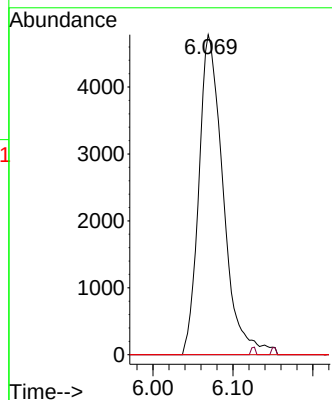
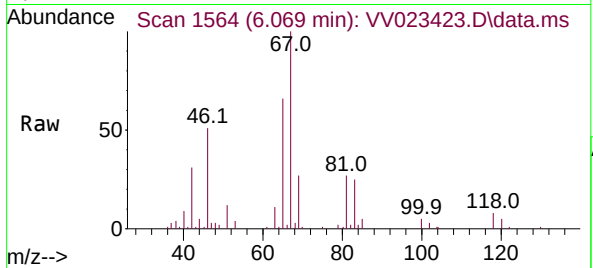




#35
Methylcyclohexane
Concen: 0.706 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV023423.D
Acq: 12 Nov 2021 06:35

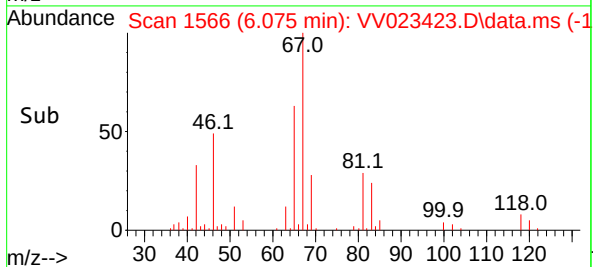
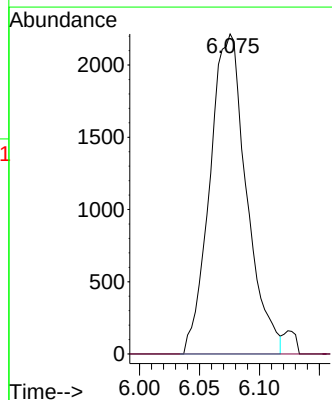
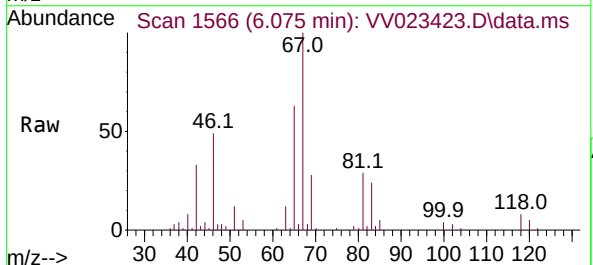
Instrument :
MSVOA_V
ClientSampleId :

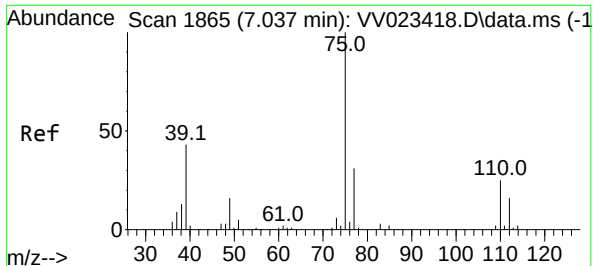
Tgt Ion: 83 Resp: 10105
Ion Ratio Lower Upper
83 100
55 0.4 62.8 94.2#
98 0.0 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.590 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.109 min
Lab File: VV023423.D
Acq: 12 Nov 2021 06:35

Tgt Ion: 63 Resp: 4697
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 6.989 min Scan# 1865

Delta R.T. -0.048 min

Lab File: VV023423.D

Acq: 12 Nov 2021 06:35

Instrument :

MSVOA_V

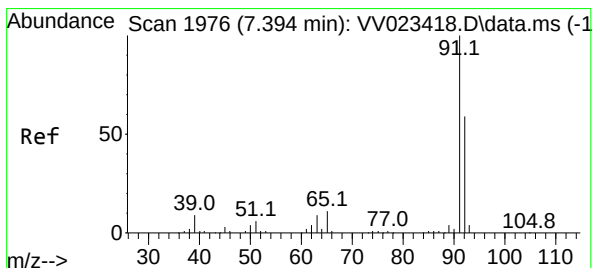
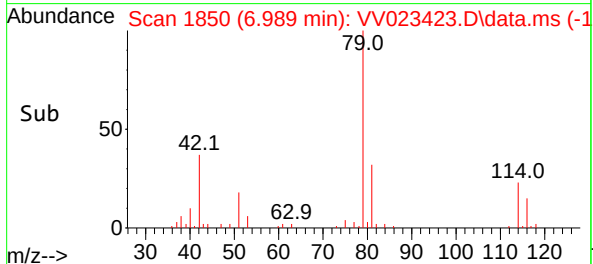
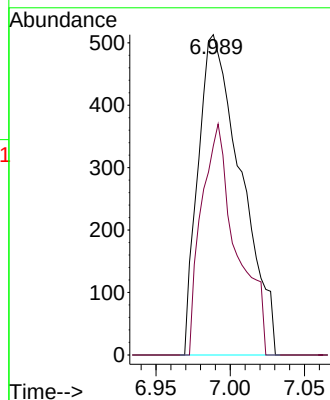
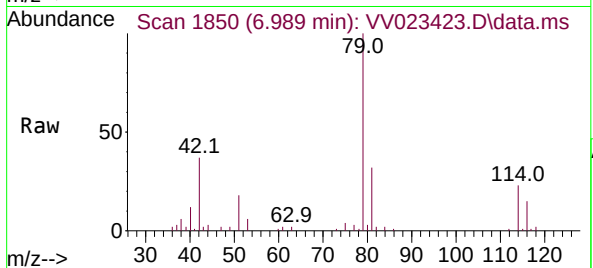
ClientSampleId :

Tgt Ion: 75 Resp: 1032

Ion Ratio Lower Upper

75 100

77 65.3 21.6 40.2#



#42

Toluene

Concen: 0.108 ug/L

RT: 7.403 min Scan# 1979

Delta R.T. 0.010 min

Lab File: VV023423.D

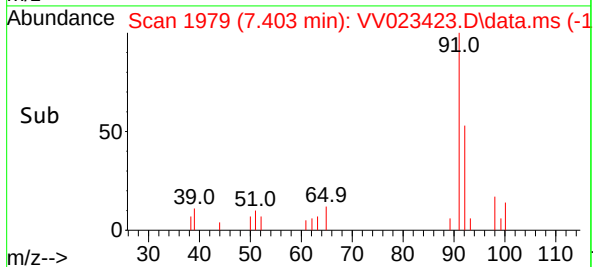
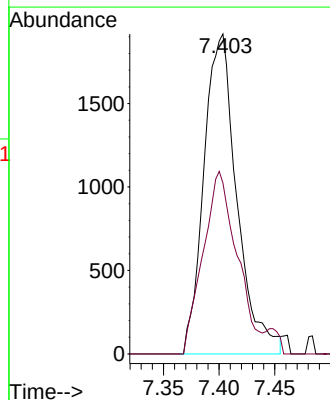
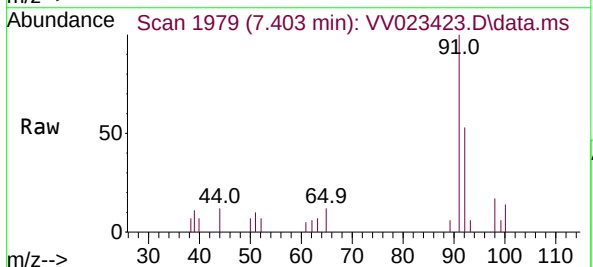
Acq: 12 Nov 2021 06:35

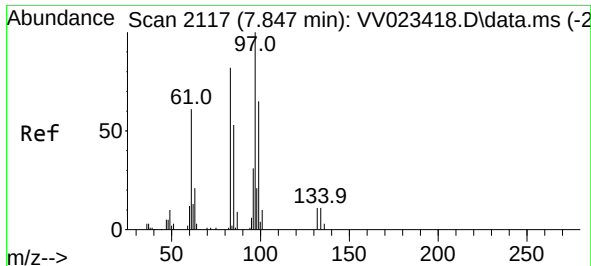
Tgt Ion: 91 Resp: 3945

Ion Ratio Lower Upper

91 100

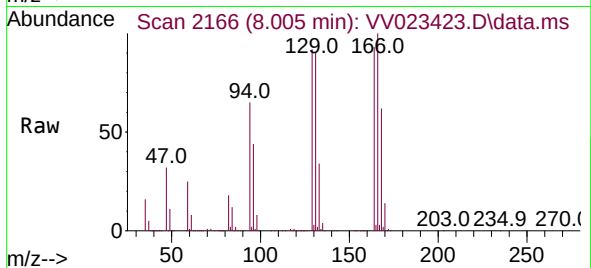
92 53.4 39.3 72.9



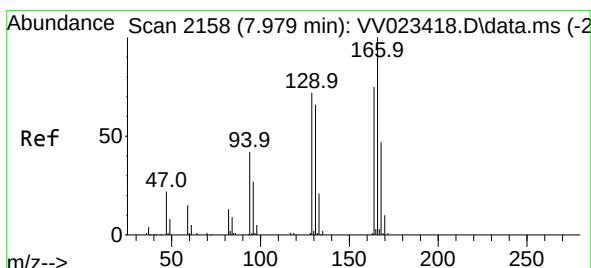
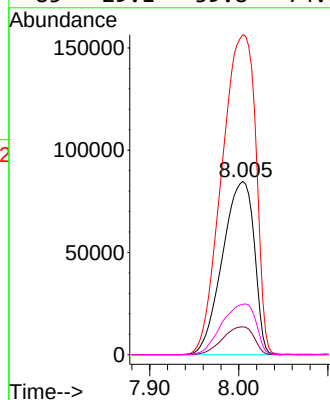
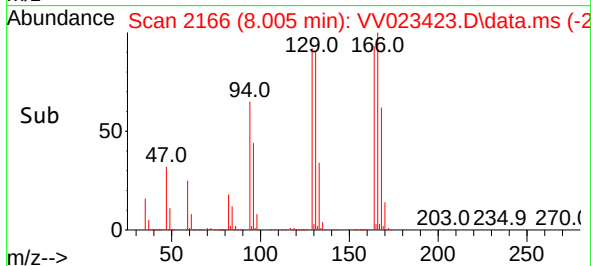


#45
1,1,2-Trichloroethane
Concen: 36.685 ug/L
RT: 8.005 min Scan# 2117
Delta R.T. 0.157 min
Lab File: VV023423.D
Acq: 12 Nov 2021 06:35

Instrument :
MSVOA_V
ClientSampleId :

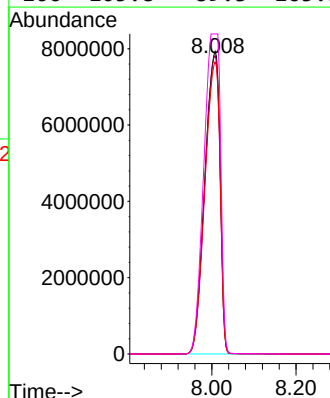
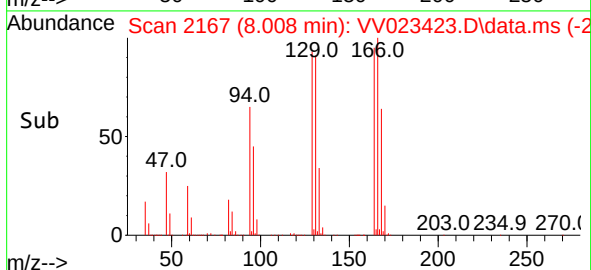
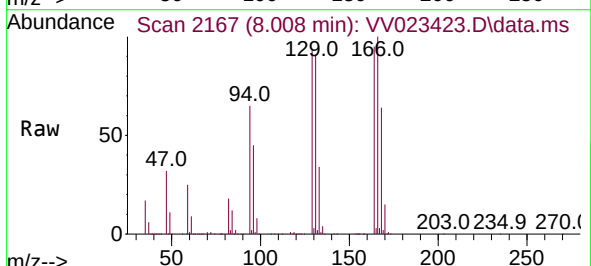


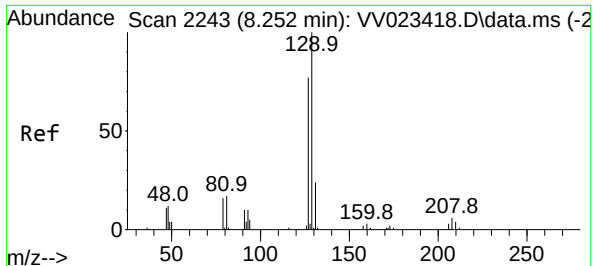
Tgt Ion:	97	Resp:	209749
Ion	Ratio	Lower	Upper
97	100		
99	16.1	43.6	81.0#
83	184.7	58.4	108.4#
85	29.1	39.8	74.0#



#47
Tetrachloroethene
Concen: 2537.256 ug/L
RT: 8.008 min Scan# 2167
Delta R.T. 0.029 min
Lab File: VV023423.D
Acq: 12 Nov 2021 06:35

Tgt Ion:	164	Resp:	19932319
Ion	Ratio	Lower	Upper
164	100		
129	98.7	64.0	119.0
131	96.6	63.4	117.8
166	105.8	89.3	165.9





#49

Dibromochloromethane

Concen: 2673.872 ug/L

RT: 8.008 min Scan# 2167

Delta R.T. -0.244 min

Lab File: VV023423.D

Acq: 12 Nov 2021 06:35

Instrument :

MSVOA_V

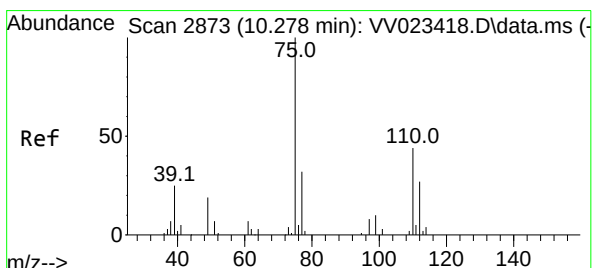
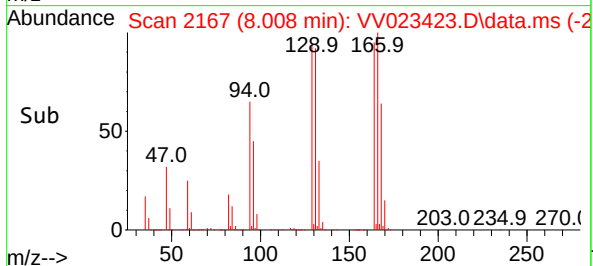
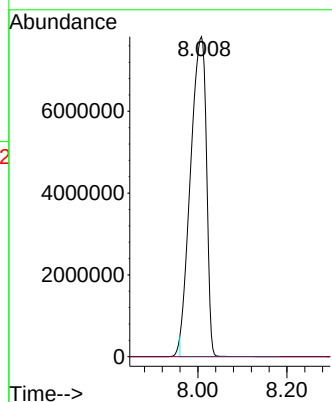
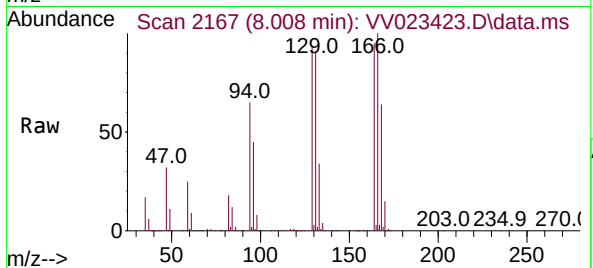
ClientSampleId :

Tgt Ion:129 Resp:19371286

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 0.138 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.907 min

Lab File: VV023423.D

Acq: 12 Nov 2021 06:35

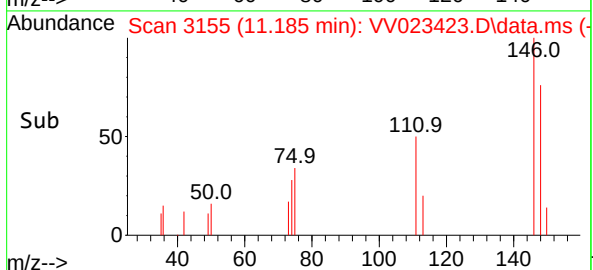
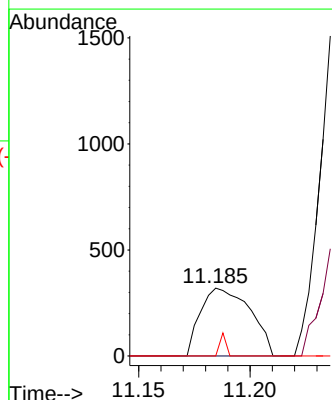
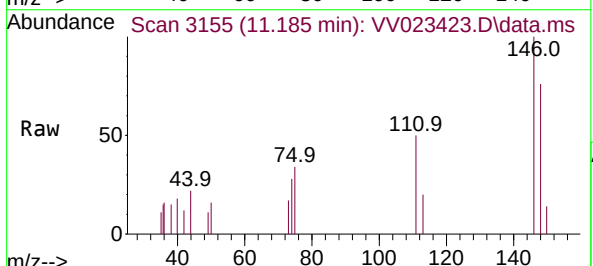
Tgt Ion: 75 Resp: 497

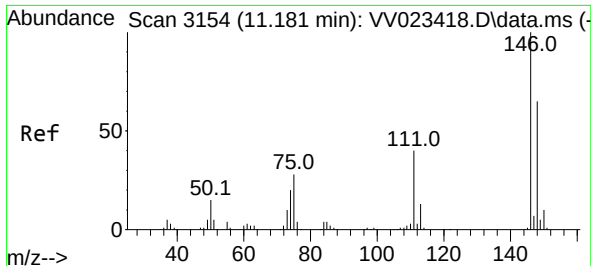
Ion Ratio Lower Upper

75 100

77 0.0 26.6 39.8#

110 4.2 31.8 47.6#

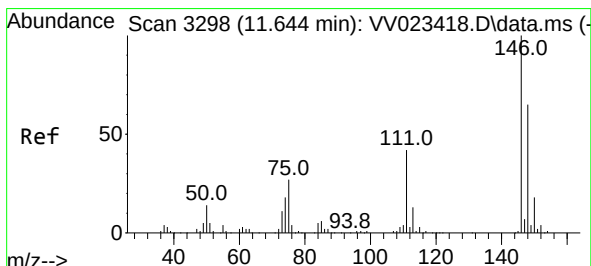
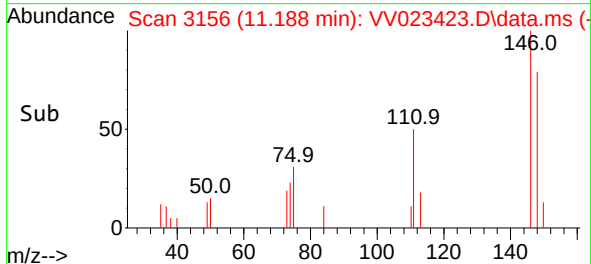
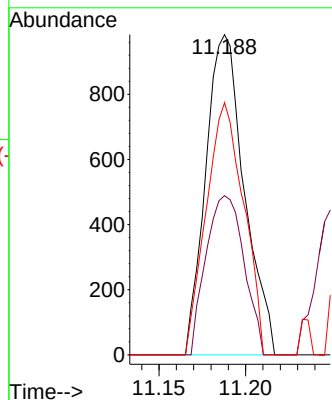
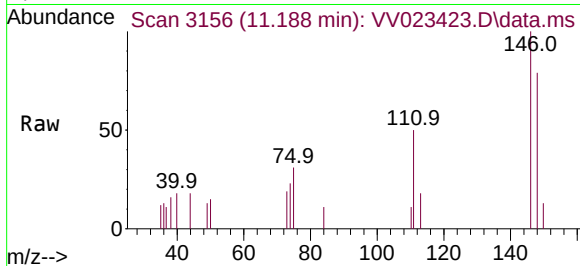




#64
1,3-Dichlorobenzene
Concen: 0.096 ug/L
RT: 11.188 min Scan# 3154
Delta R.T. 0.006 min
Lab File: VV023423.D
Acq: 12 Nov 2021 06:35

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 1523
Ion Ratio Lower Upper
146 100
111 49.7 26.7 49.7#
148 78.7 42.9 79.7



#67
1,2-Dichlorobenzene
Concen: 0.233 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.003 min
Lab File: VV023423.D
Acq: 12 Nov 2021 06:35

Tgt Ion:146 Resp: 3305
Ion Ratio Lower Upper
146 100
111 54.2 31.6 47.4#
148 70.2 51.0 76.6

