

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062122\
 Data File : VW026496.D
 Acq On : 21 Jun 2022 18:14
 Operator : SY/MD
 Sample : N3355-09
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 04:44:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 22 04:36:16 2022
 Response via : Initial Calibration

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

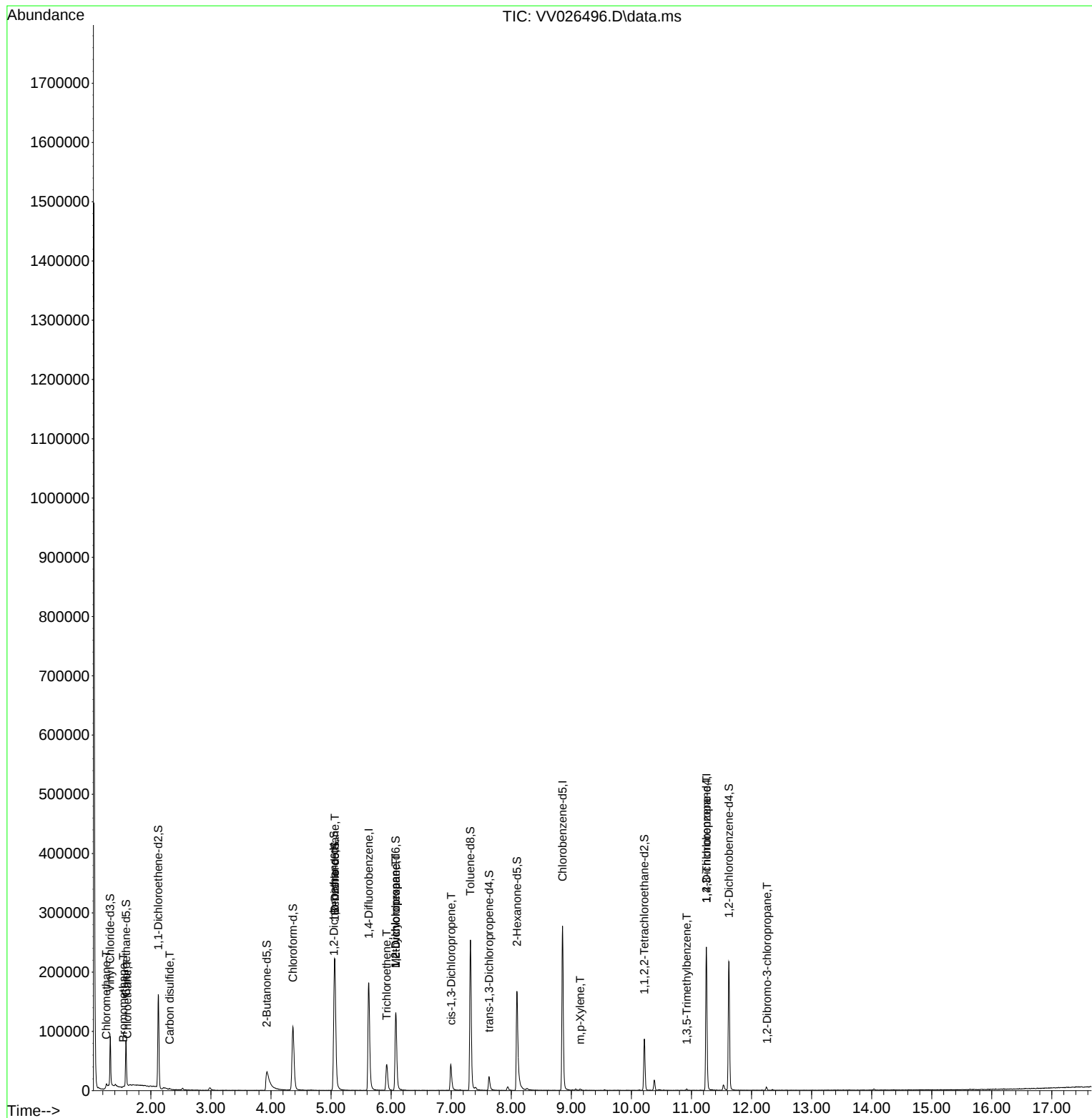
Internal Standards						
1) 1,4-Difluorobenzene	5.629	114	165567	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	162330	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66511	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	54857	3.815	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.587	69	49973	4.420	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.124	63	82617	3.345	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	3.931	46	84843	60.463	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.920%
24) Chloroform-d	4.365	84	115751	5.492	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.800%
26) 1,2-Dichloroethane-d4	5.047	65	47445	5.320	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	5.063	84	214665	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.079	67	68131	5.379	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.600%
41) Toluene-d8	7.320	98	174754	4.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.632	79	14966	3.644	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.800%
46) 2-Hexanone-d5	8.095	63	59250	47.756	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43135	5.528	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	58326	5.693	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.259	50	4091	0.298	ug/L	96
6) Bromomethane	1.542	94	429	0.054	ug/L	83
8) Chloroethane	1.606	64	1031	0.116	ug/L #	51
14) Carbon disulfide	2.314	76	1639	0.064	ug/L #	74
27) 1,2-Dichloroethane	5.066	62	1040	0.109	ug/L #	71
34) Trichloroethene	5.928	95	16496	1.452	ug/L	97
35) Methylcyclohexane	6.079	83	15994	1.018	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	7234	0.665	ug/L #	88
39) cis-1,3-Dichloropropene	7.002	75	1019	0.082	ug/L #	64
53) m,p-Xylene	9.146	106	755	0.044	ug/L	74
61) 1,2,3-Trichloropropane	11.249	75	7249	1.680	ug/L #	67
62) 1,3,5-Trimethylbenzene	10.921	105	1565	0.056	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.259	75	169	0.221	ug/L #	3

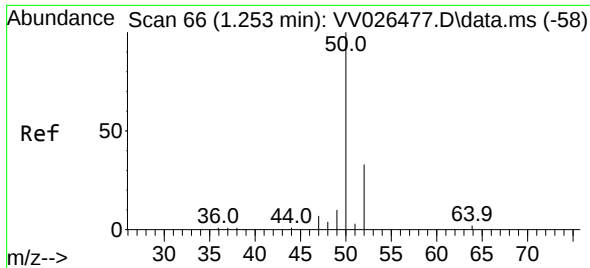
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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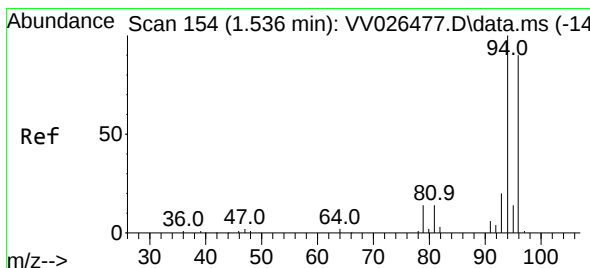
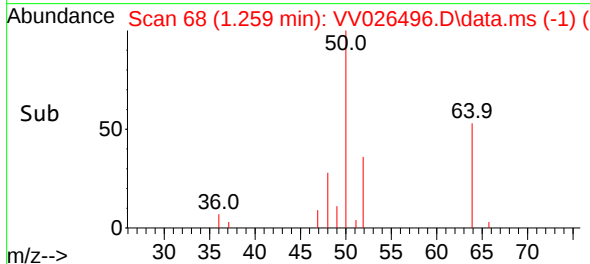
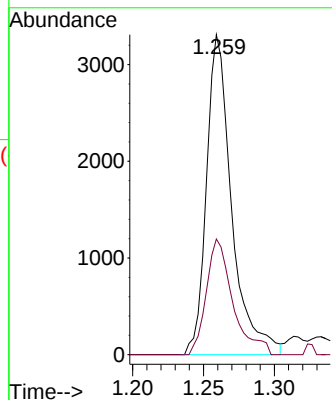
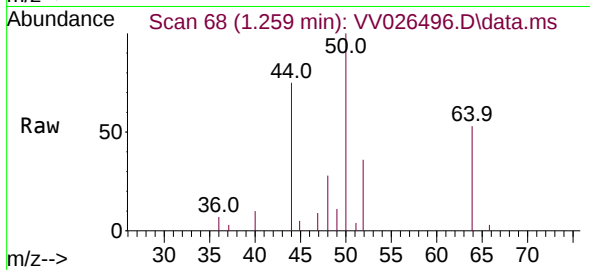




#3
Chloromethane
Concen: 0.298 ug/L
RT: 1.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV026496.D
Acq: 21 Jun 2022 18:14

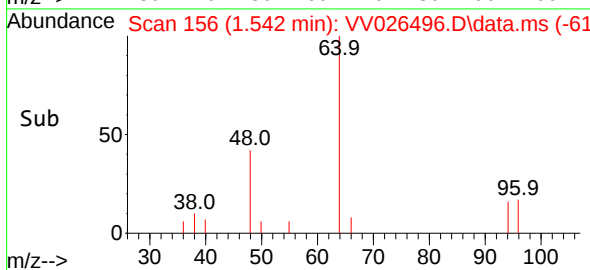
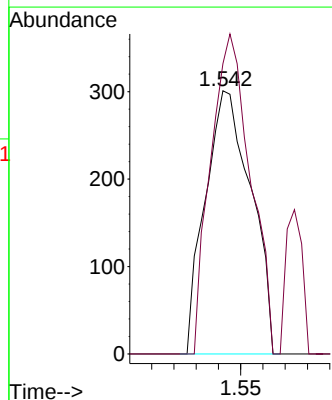
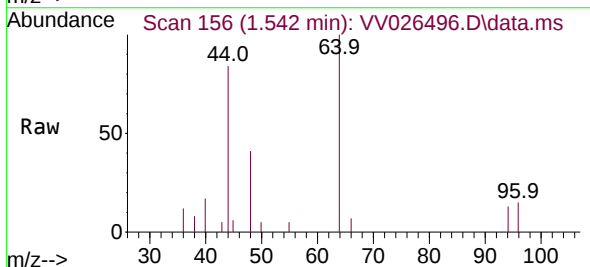
Instrument :
MSVOA_V
ClientSampleId :

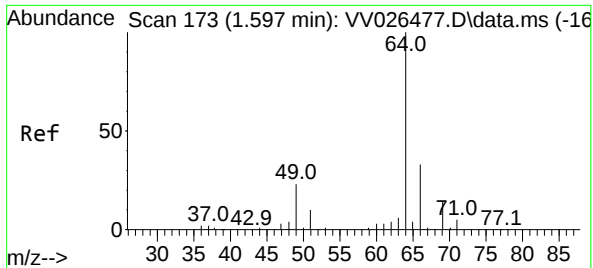
Tgt Ion: 50 Resp: 4091
Ion Ratio Lower Upper
50 100
52 36.1 23.7 44.1



#6
Bromomethane
Concen: 0.054 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.006 min
Lab File: VV026496.D
Acq: 21 Jun 2022 18:14

Tgt Ion: 94 Resp: 429
Ion Ratio Lower Upper
94 100
96 110.3 65.7 121.9

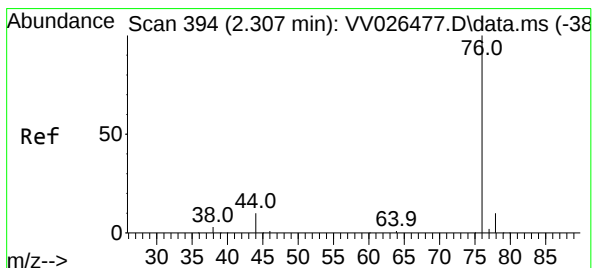
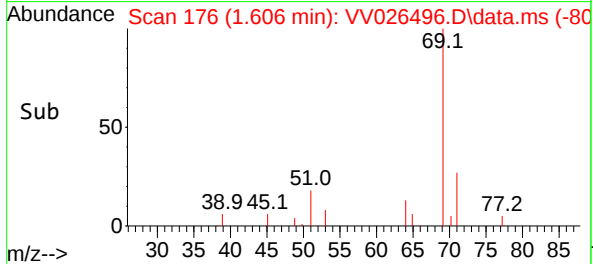
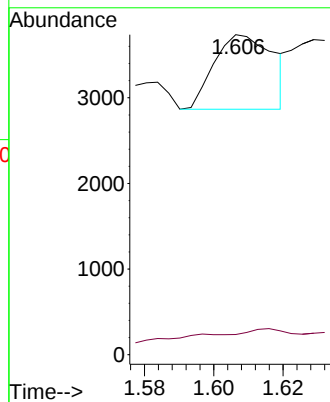
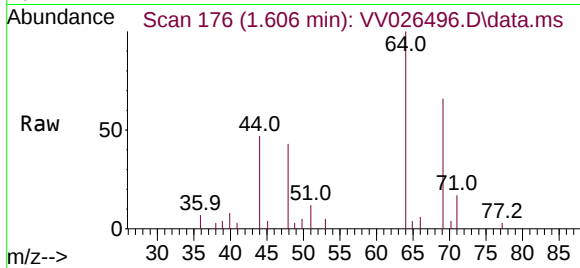




#8
Chloroethane
Concen: 0.116 ug/L
RT: 1.606 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV026496.D
Acq: 21 Jun 2022 18:14

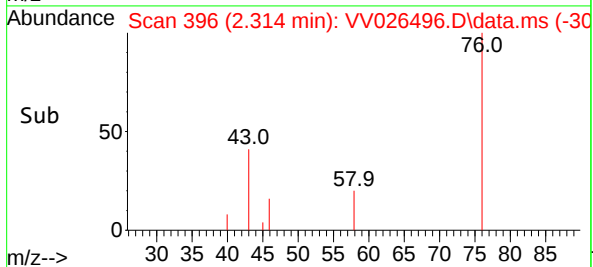
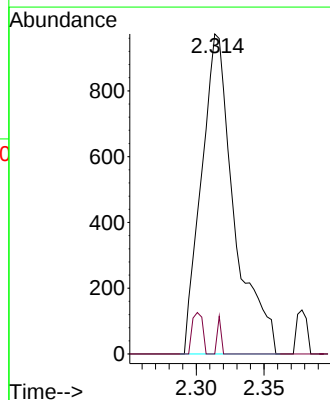
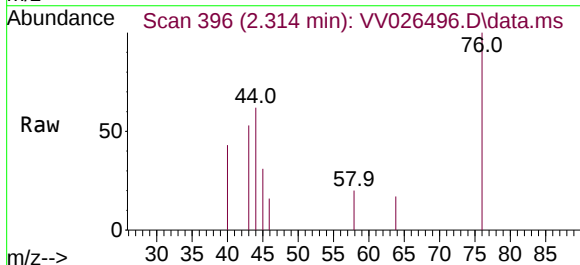
Instrument :
MSVOA_V
ClientSampleId :

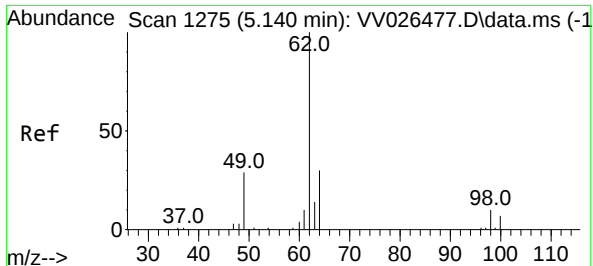
Tgt Ion: 64 Resp: 1031
Ion Ratio Lower Upper
64 100
66 6.3 24.1 44.7#



#14
Carbon disulfide
Concen: 0.064 ug/L
RT: 2.314 min Scan# 396
Delta R.T. 0.006 min
Lab File: VV026496.D
Acq: 21 Jun 2022 18:14

Tgt Ion: 76 Resp: 1639
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#





#27

1,2-Dichloroethane

Concen: 0.109 ug/L

RT: 5.066 min Scan# 11

Delta R.T. -0.074 min

Lab File: VV026496.D

Acq: 21 Jun 2022 18:14

Instrument :

MSVOA_V

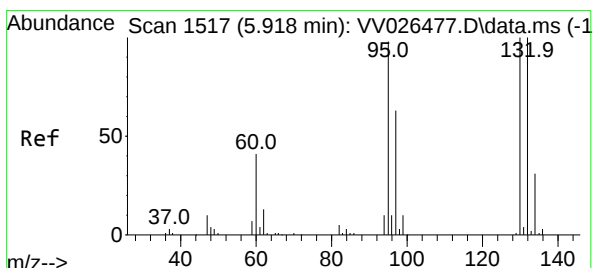
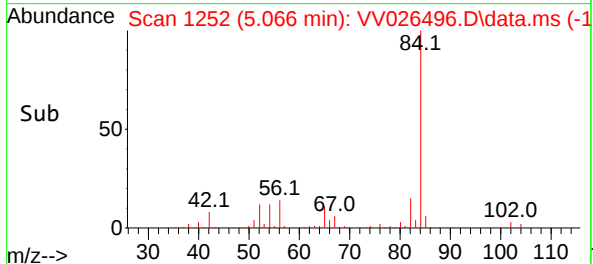
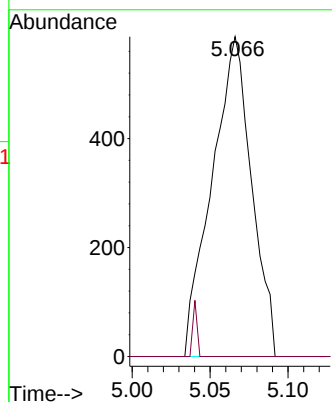
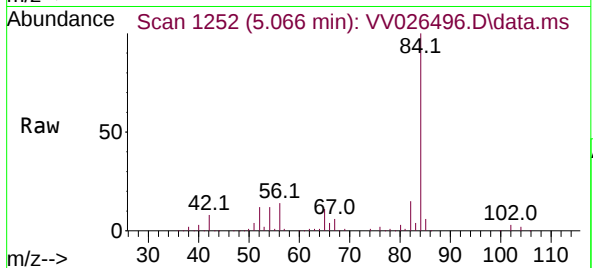
ClientSampleId :

Tgt Ion: 62 Resp: 1040

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#



#34

Trichloroethene

Concen: 1.452 ug/L

RT: 5.928 min Scan# 1520

Delta R.T. 0.010 min

Lab File: VV026496.D

Acq: 21 Jun 2022 18:14

Tgt Ion: 95 Resp: 16496

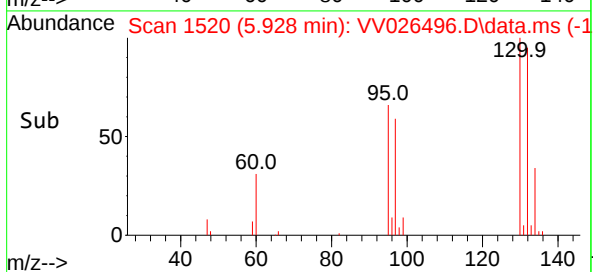
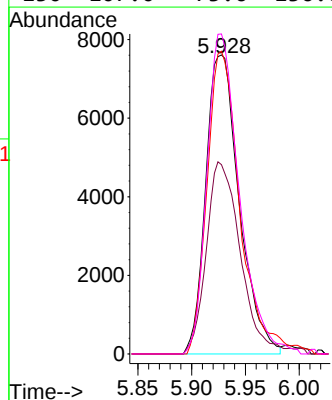
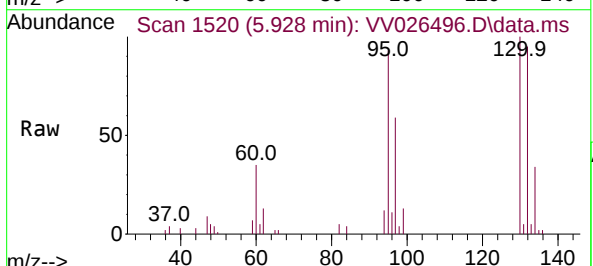
Ion Ratio Lower Upper

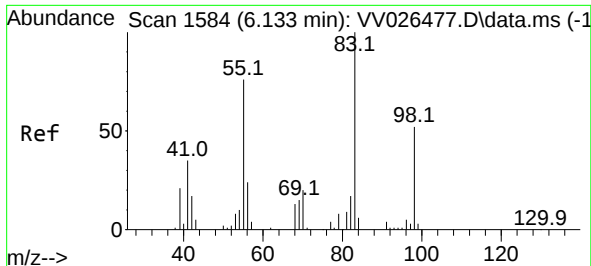
95 100

97 63.3 46.5 86.3

132 101.2 68.8 127.8

130 107.0 73.6 136.6





#35

Methylcyclohexane

Concen: 1.018 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.055 min

Lab File: VV026496.D

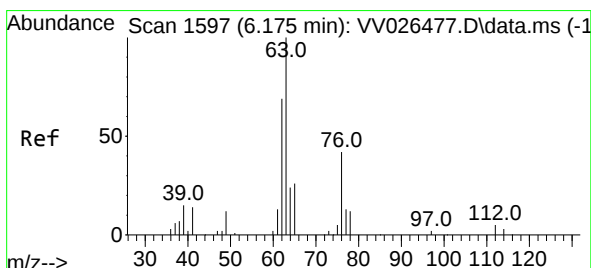
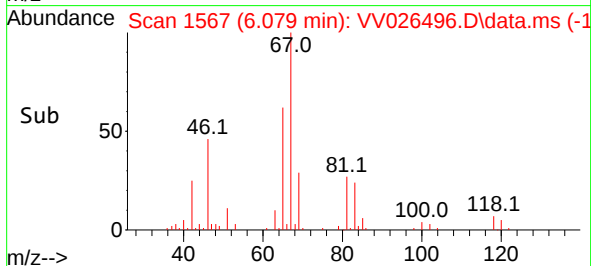
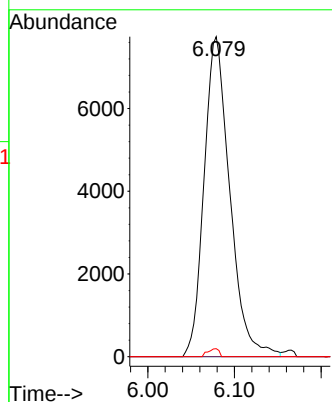
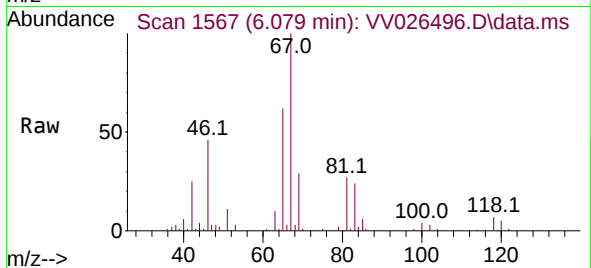
Acq: 21 Jun 2022 18:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	15994
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.3	88.9#
98	1.1	39.9	59.9#



#37

1,2-Dichloropropane

Concen: 0.665 ug/L

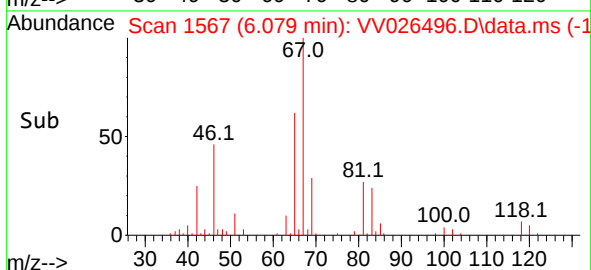
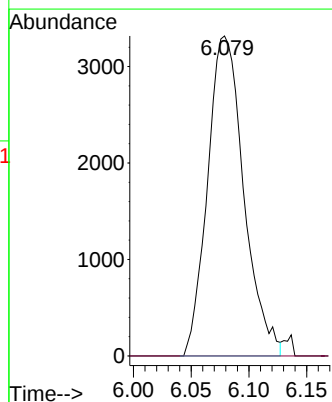
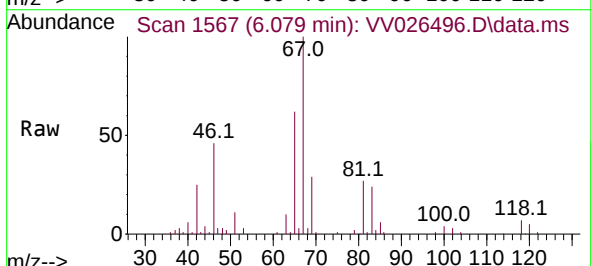
RT: 6.079 min Scan# 1567

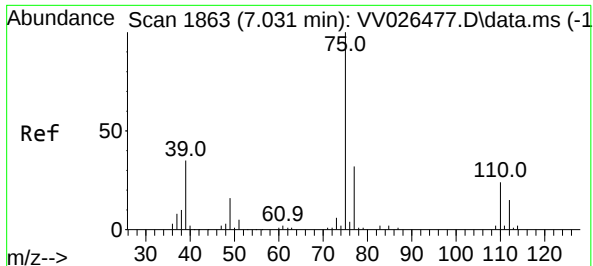
Delta R.T. -0.096 min

Lab File: VV026496.D

Acq: 21 Jun 2022 18:14

Tgt Ion:	63	Resp:	7234
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.002 min Scan# 11

Delta R.T. -0.029 min

Lab File: VV026496.D

Acq: 21 Jun 2022 18:14

Instrument :

MSVOA_V

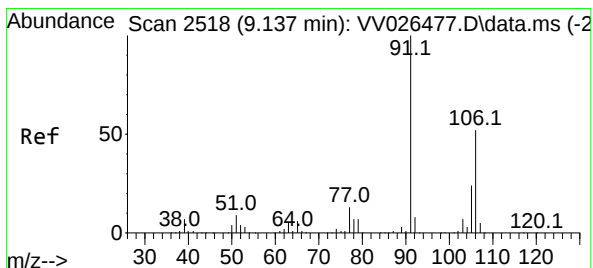
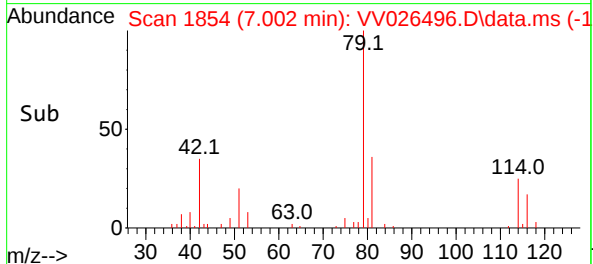
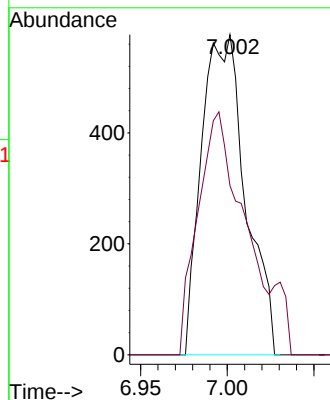
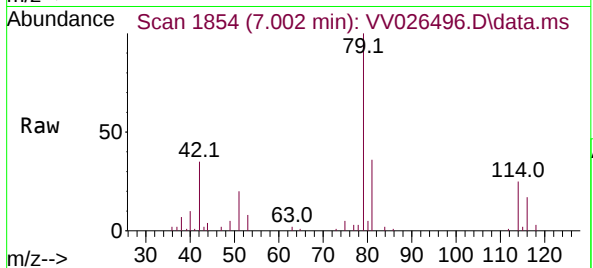
ClientSampleId :

Tgt Ion: 75 Resp: 1019

Ion Ratio Lower Upper

75 100

77 52.9 23.0 42.6#



#53

m,p-Xylene

Concen: 0.044 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.010 min

Lab File: VV026496.D

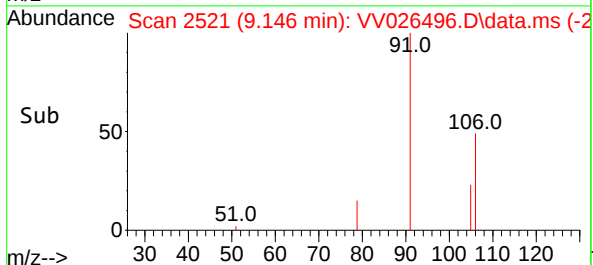
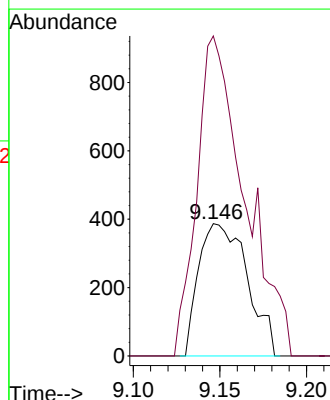
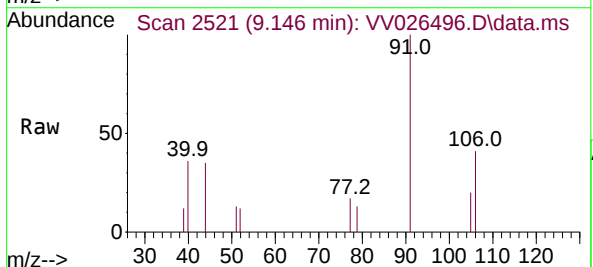
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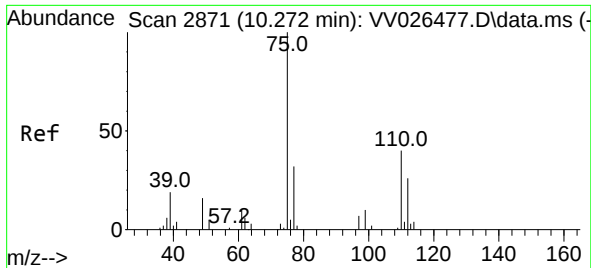
Tgt Ion: 106 Resp: 755

Ion Ratio Lower Upper

106 100

91 241.9 141.3 262.3

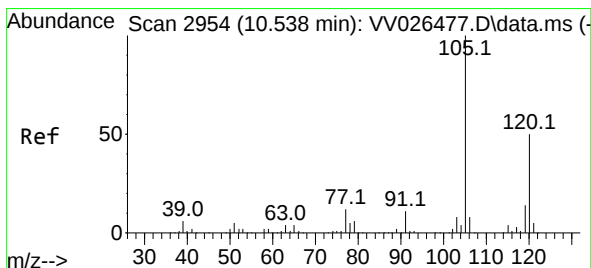
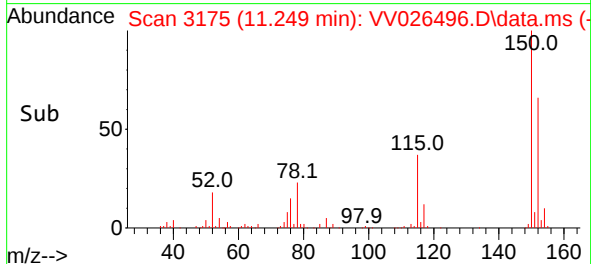
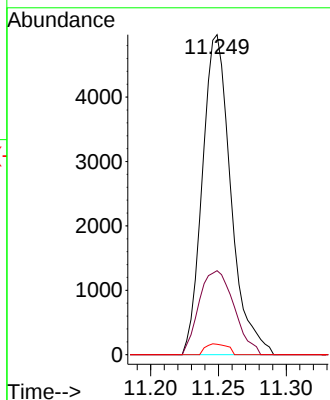
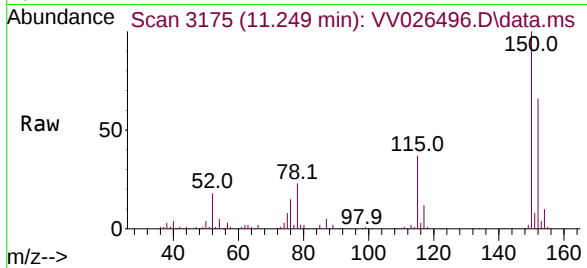




#61
 1,2,3-Trichloropropane
 Concen: 1.680 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV026496.D
 Acq: 21 Jun 2022 18:14

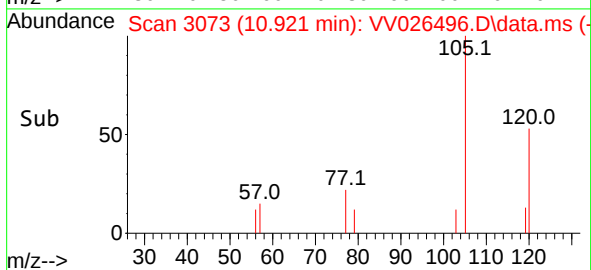
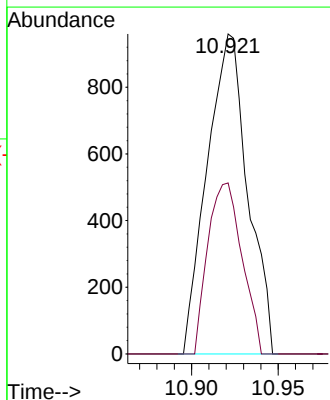
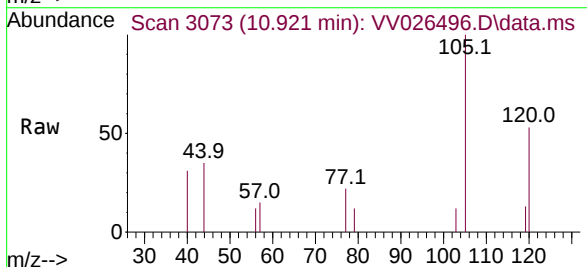
Instrument :
 MSVOA_V
 ClientSampleId :

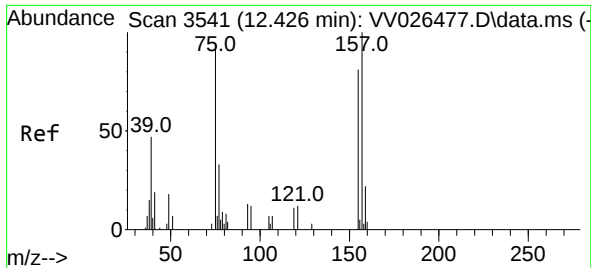
Tgt Ion: 75 Resp: 7249
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.9 40.3
 110 2.6 30.7 46.1#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.056 ug/L
 RT: 10.921 min Scan# 3073
 Delta R.T. 0.383 min
 Lab File: VV026496.D
 Acq: 21 Jun 2022 18:14

Tgt Ion: 105 Resp: 1565
 Ion Ratio Lower Upper
 105 100
 120 44.9 39.9 59.9





#68

1,2-Dibromo-3-chloropropane

Concen: 0.221 ug/L

RT: 12.259 min Scan# 34

Delta R.T. -0.167 min

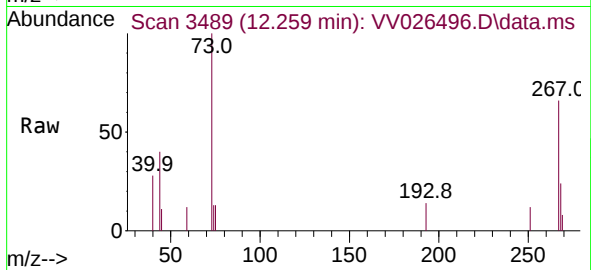
Lab File: VV026496.D

Acq: 21 Jun 2022 18:14

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 169

Ion Ratio Lower Upper

75 100

155 0.0 63.7 95.5#

157 0.0 85.0 127.6#

