

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082522\
 Data File : VW027498.D
 Acq On : 25 Aug 2022 16:35
 Operator : SY/MD
 Sample : N4370-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 26 01:00:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 26 00:58:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	120737	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	120962	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53604	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33299	3.875	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.564	69	31186	4.959	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.105	63	60567	3.023	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.400%
20) 2-Butanone-d5	3.889	46	64558	60.370	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.740%
24) Chloroform-d	4.346	84	71728	4.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.031	65	33846	4.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.050	84	127923	3.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
36) 1,2-Dichloropropane-d6	6.069	67	41985	4.310	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.313	98	103688	3.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.600%#
43) trans-1,3-Dichloroprop...	7.625	79	12537	3.759	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.088	63	45318	41.277	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.560%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	26481	4.269	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	34386	4.327	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	442	0.040	ug/L #	66
5) Vinyl chloride	1.307	62	1977	0.176	ug/L #	1
6) Bromomethane	1.519	94	690	0.124	ug/L	72
8) Chloroethane	1.539	64	557	0.085	ug/L #	60
12) 1,1-Dichloroethene	2.114	96	3371	0.369	ug/L #	1
14) Carbon disulfide	2.291	76	2126	0.085	ug/L	100
17) Methyl tert-butyl Ether	2.770	73	4297	0.227	ug/L #	76
18) trans-1,2-Dichloroethene	2.757	96	16662	1.770	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	50896	5.075	ug/L	99
34) Trichloroethene	5.912	95	212326	20.062	ug/L	97
37) 1,2-Dichloropropane	6.072	63	5006	0.467	ug/L #	88
39) cis-1,3-Dichloropropene	6.985	75	1112	0.086	ug/L #	53
45) 1,1,2-Trichloroethane	7.969	97	545	0.080	ug/L #	27
47) Tetrachloroethene	7.976	164	39724	4.818	ug/L	97
49) Dibromochloromethane	7.973	129	36546	4.335	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	5733	1.219	ug/L #	64
71) Naphthalene	13.513	128	948	0.073	ug/L #	72

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Aug 26 00:58:54 2022
Response via : Initial Calibration

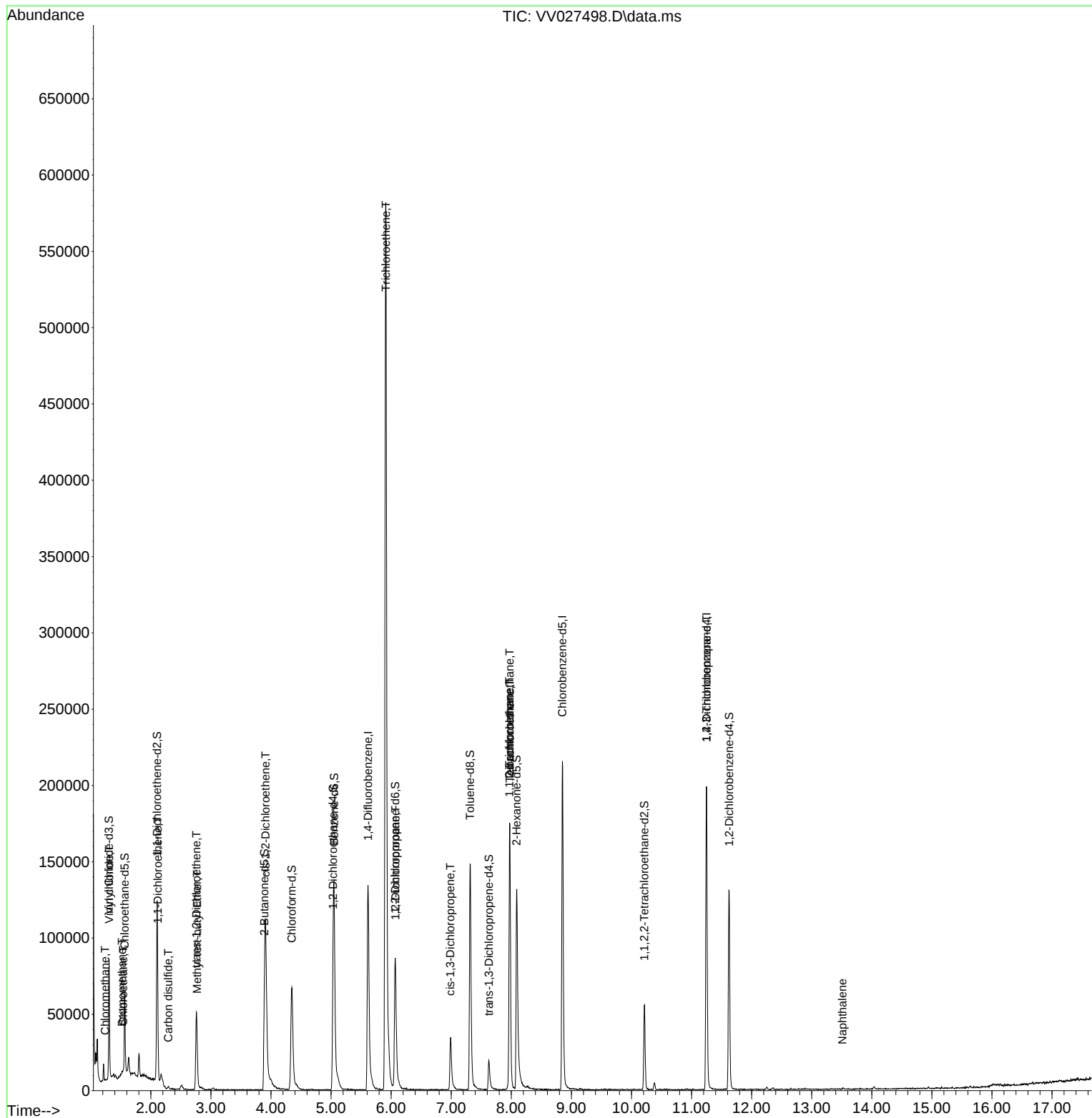
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

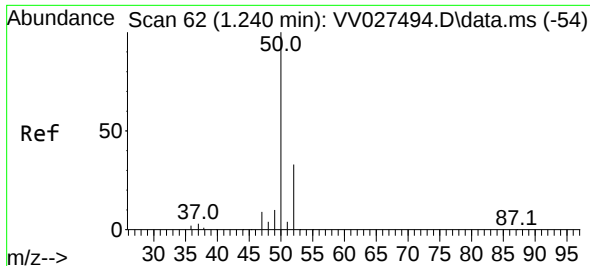
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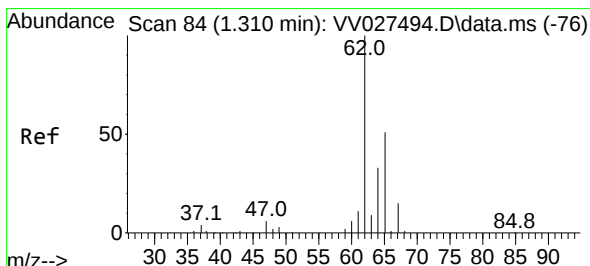
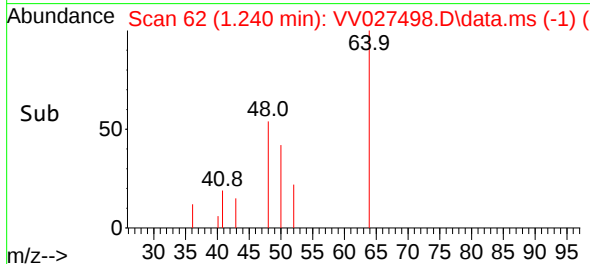
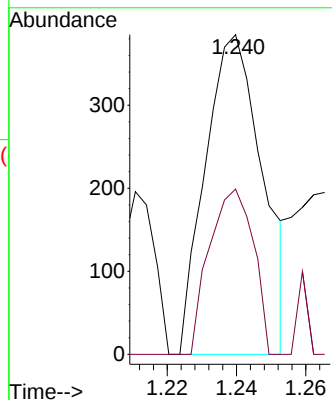
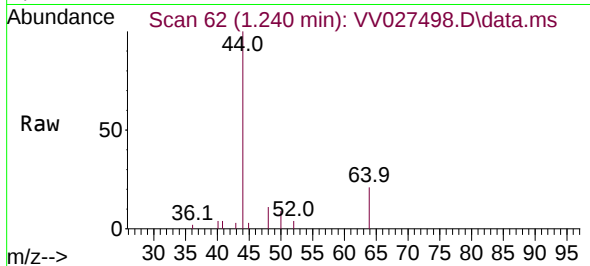




#3
Chloromethane
Concen: 0.040 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027498.D
Acq: 25 Aug 2022 16:35

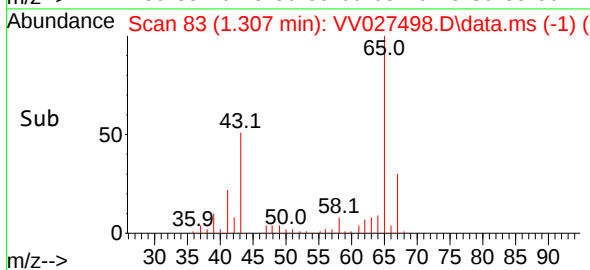
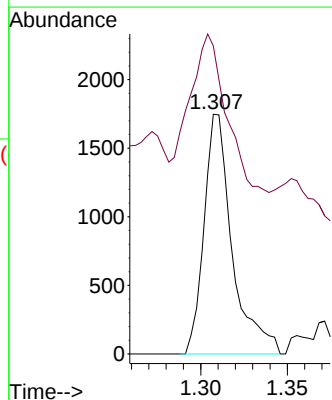
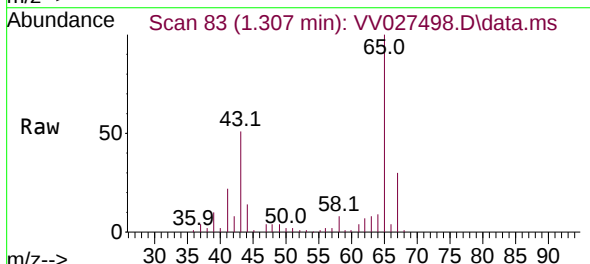
Instrument :
MSVOA_V
ClientSampleId :

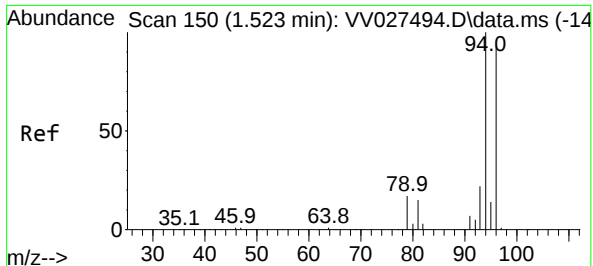
Tgt Ion: 50 Resp: 442
Ion Ratio Lower Upper
50 100
52 51.7 22.8 42.4#



#5
Vinyl chloride
Concen: 0.176 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.003 min
Lab File: VV027498.D
Acq: 25 Aug 2022 16:35

Tgt Ion: 62 Resp: 1977
Ion Ratio Lower Upper
62 100
64 128.6 22.6 42.0#

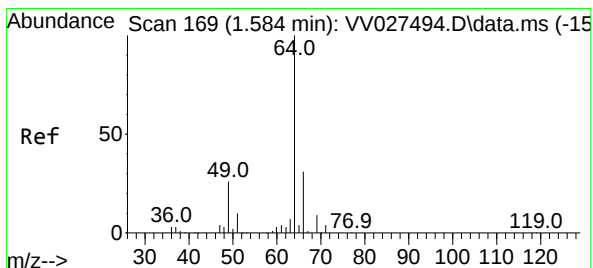
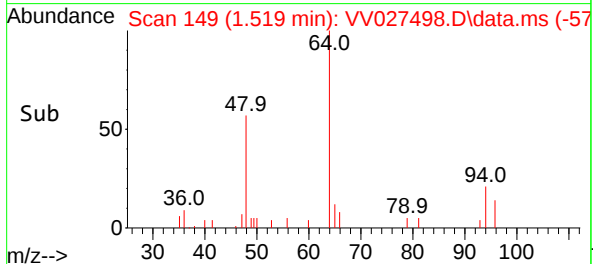
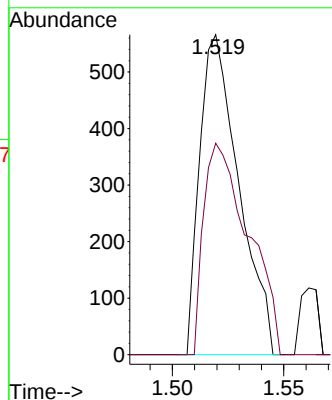
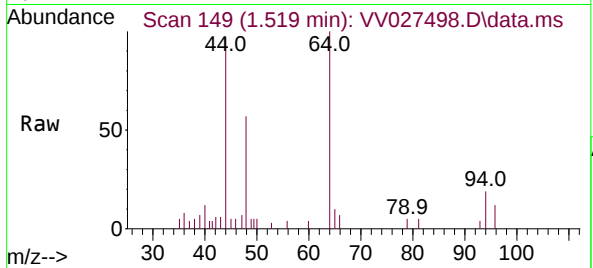




#6
Bromomethane
Concen: 0.124 ug/L
RT: 1.519 min Scan# 14
Delta R.T. -0.003 min
Lab File: VV027498.D
Acq: 25 Aug 2022 16:35

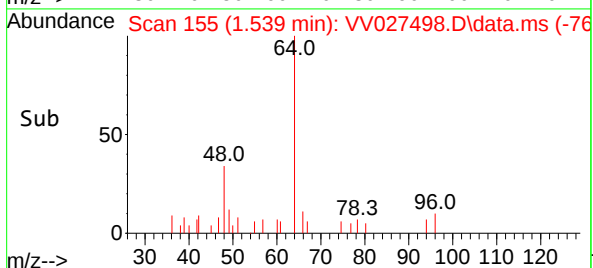
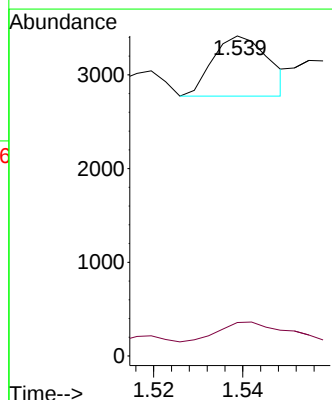
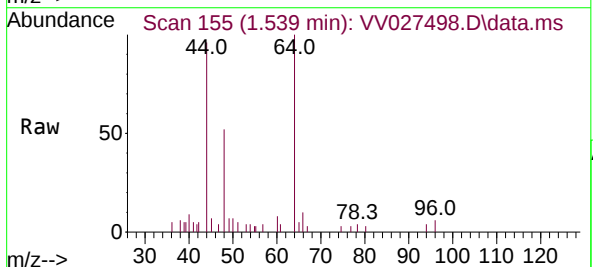
Instrument :
MSVOA_V
ClientSampleId :

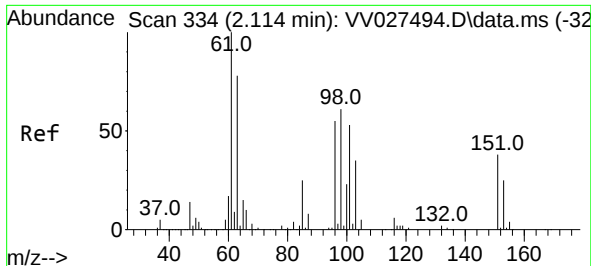
Tgt Ion: 94 Resp: 690
Ion Ratio Lower Upper
94 100
96 66.1 65.2 121.0



#8
Chloroethane
Concen: 0.085 ug/L
RT: 1.539 min Scan# 155
Delta R.T. -0.045 min
Lab File: VV027498.D
Acq: 25 Aug 2022 16:35

Tgt Ion: 64 Resp: 557
Ion Ratio Lower Upper
64 100
66 10.5 23.3 43.3#





#12

1,1-Dichloroethene

Concen: 0.369 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

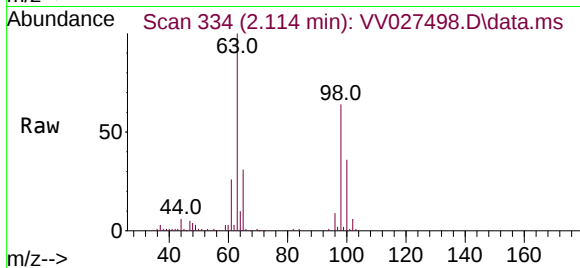
Lab File: VV027498.D

Acq: 25 Aug 2022 16:35

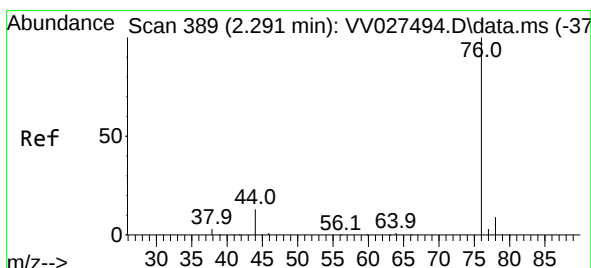
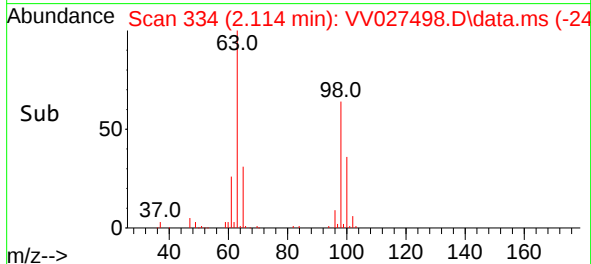
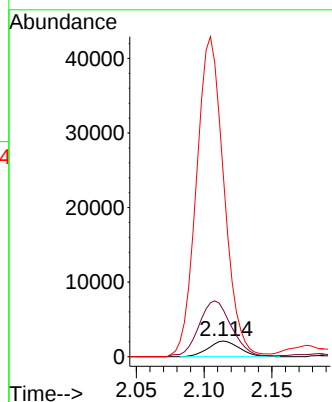
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	96	Resp:	3371
Ion	Ratio	Lower	Upper
96	100		
61	294.0	130.2	241.8#
63	1131.7	87.4	162.4#



#14

Carbon disulfide

Concen: 0.085 ug/L

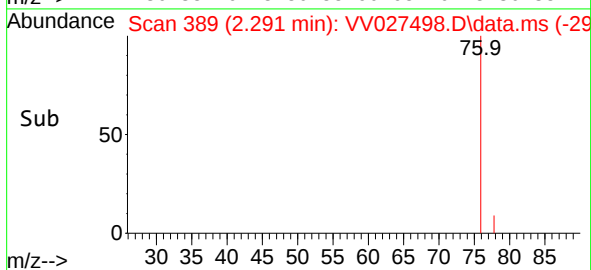
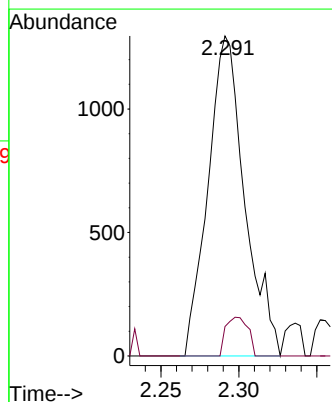
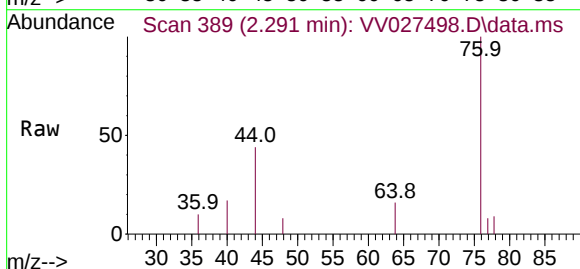
RT: 2.291 min Scan# 389

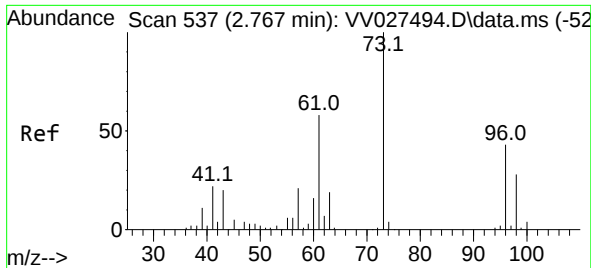
Delta R.T. 0.000 min

Lab File: VV027498.D

Acq: 25 Aug 2022 16:35

Tgt Ion:	76	Resp:	2126
Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

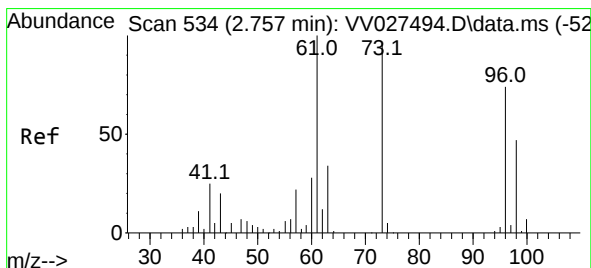
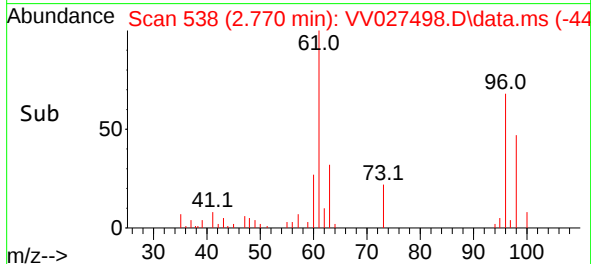
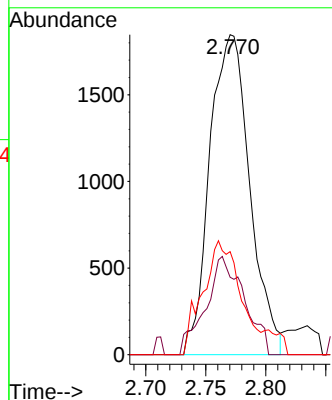
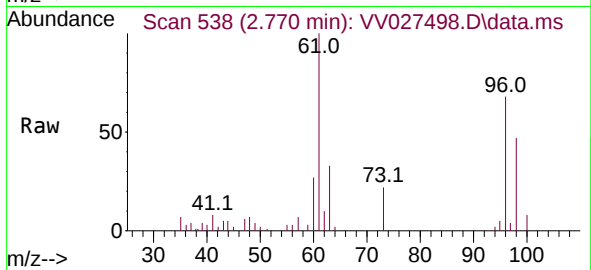




#17
Methyl tert-butyl Ether
Concen: 0.227 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027498.D
Acq: 25 Aug 2022 16:35

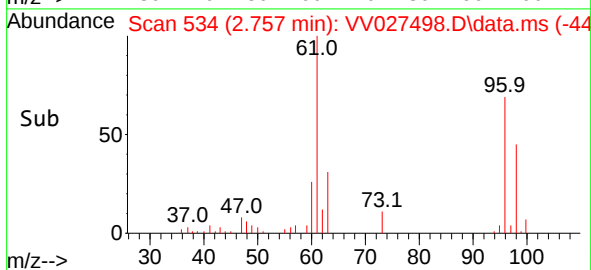
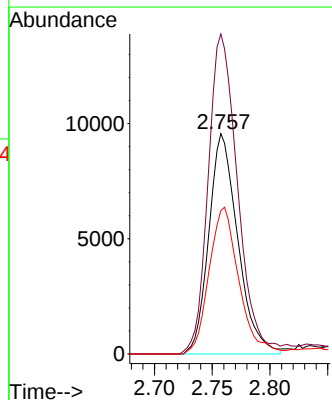
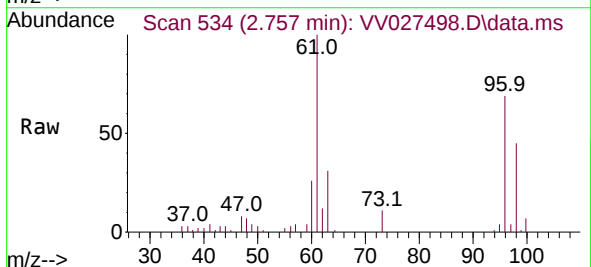
Instrument :
MSVOA_V
ClientSampleId :

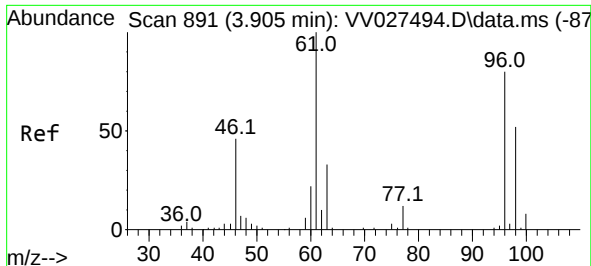
Tgt Ion: 73 Resp: 4297
Ion Ratio Lower Upper
73 100
43 29.6 15.6 23.4#
57 33.3 17.0 25.6#



#18
trans-1,2-Dichloroethene
Concen: 1.770 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV027498.D
Acq: 25 Aug 2022 16:35

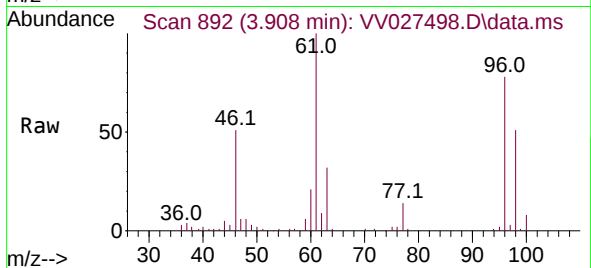
Tgt Ion: 96 Resp: 16662
Ion Ratio Lower Upper
96 100
61 145.2 97.6 181.4
98 65.1 45.9 85.3



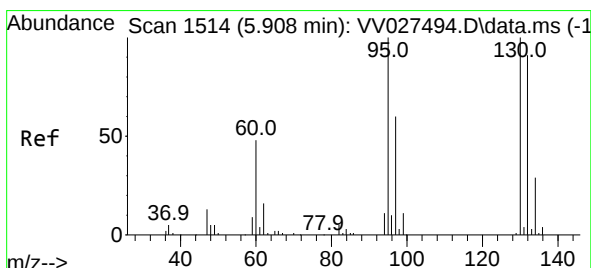
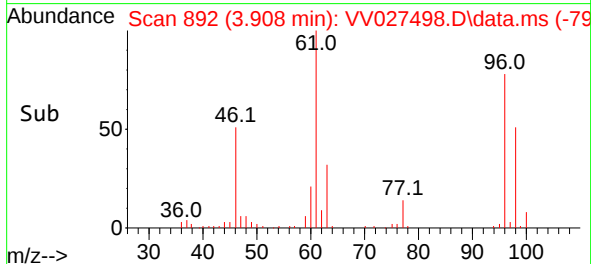
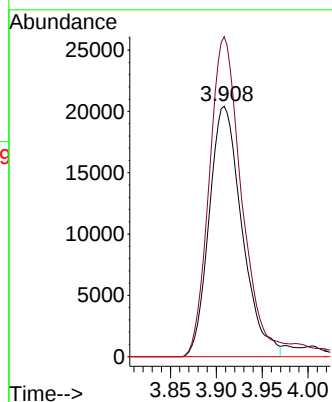


#22
 cis-1,2-Dichloroethene
 Concen: 5.075 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV027498.D
 Acq: 25 Aug 2022 16:35

Instrument :
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 ClientSampleId :

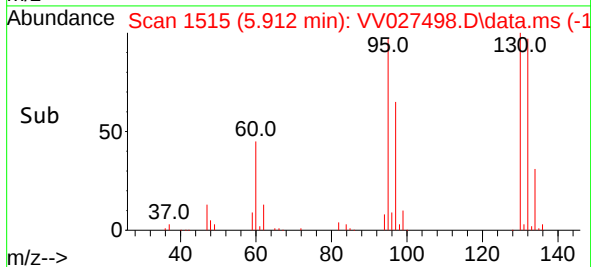
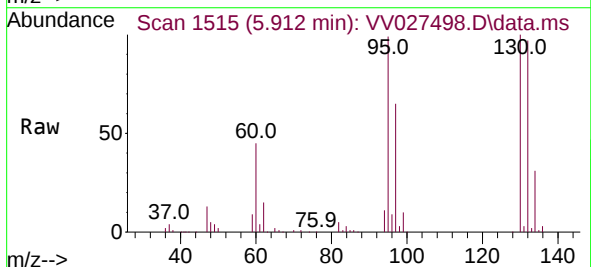
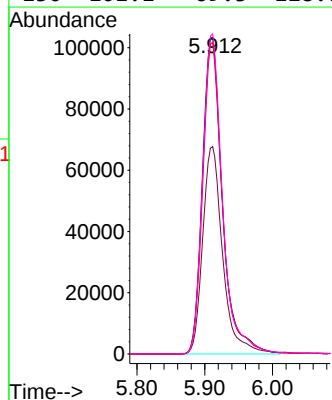


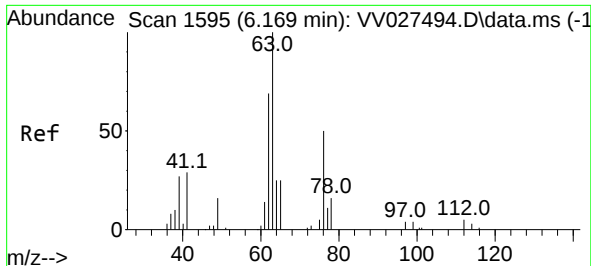
Tgt Ion: 96 Resp: 50896
 Ion Ratio Lower Upper
 96 100
 61 127.8 90.6 168.2
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 20.062 ug/L
 RT: 5.912 min Scan# 1515
 Delta R.T. 0.003 min
 Lab File: VV027498.D
 Acq: 25 Aug 2022 16:35

Tgt Ion: 95 Resp: 212326
 Ion Ratio Lower Upper
 95 100
 97 65.5 45.0 83.6
 132 98.4 65.7 121.9
 130 101.1 69.3 128.7





#37

1,2-Dichloropropane

Concen: 0.467 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.096 min

Lab File: VV027498.D

Acq: 25 Aug 2022 16:35

Instrument :

MSVOA_V

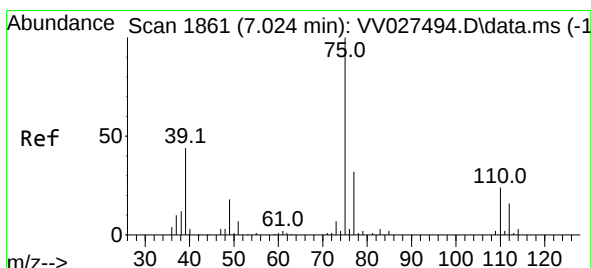
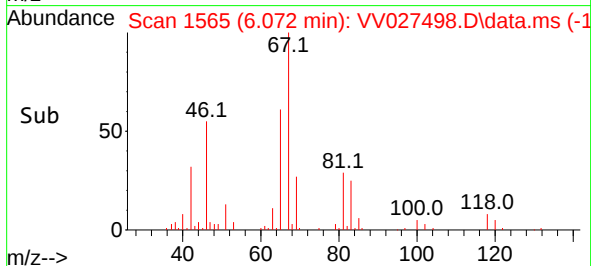
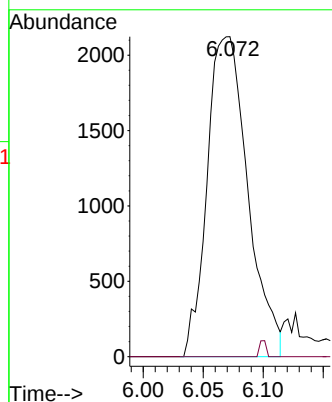
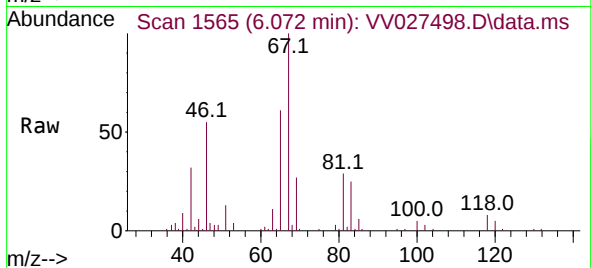
ClientSampleId :

Tgt Ion: 63 Resp: 5006

Ion Ratio Lower Upper

63 100

112 0.8 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.039 min

Lab File: VV027498.D

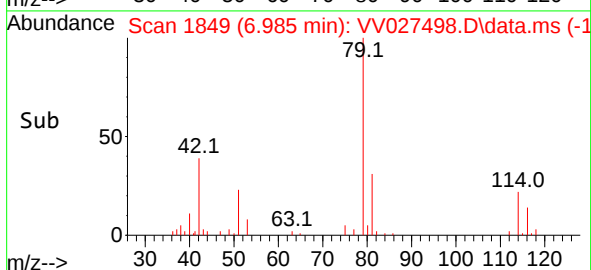
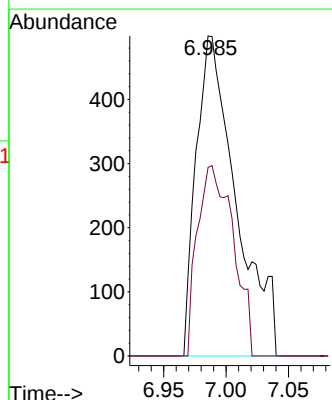
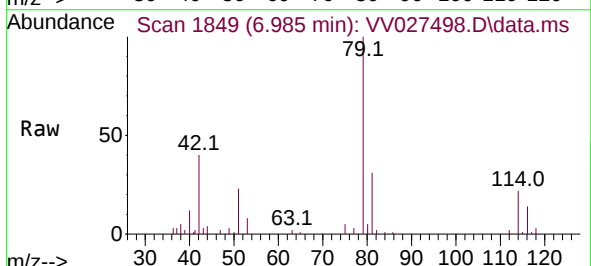
Acq: 25 Aug 2022 16:35

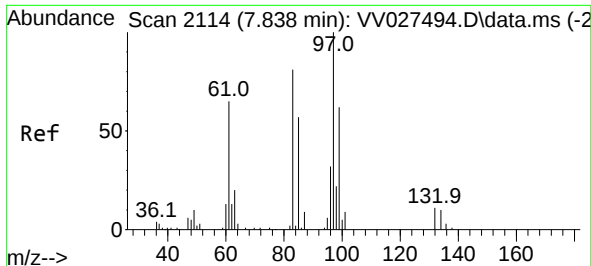
Tgt Ion: 75 Resp: 1112

Ion Ratio Lower Upper

75 100

77 58.9 22.9 42.5#





#45

1,1,2-Trichloroethane

Concen: 0.080 ug/L

RT: 7.969 min Scan# 2115

Delta R.T. 0.132 min

Lab File: VV027498.D

Acq: 25 Aug 2022 16:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 545

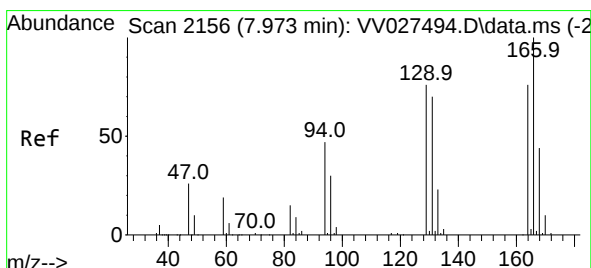
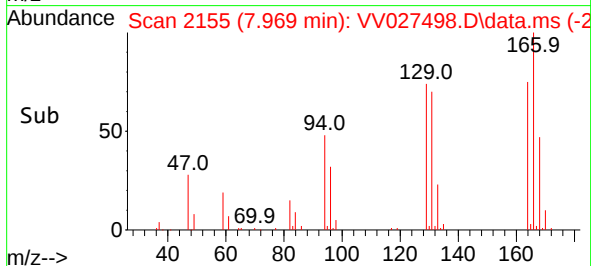
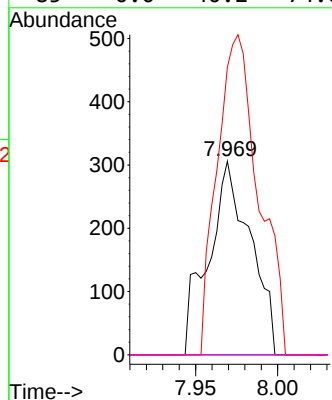
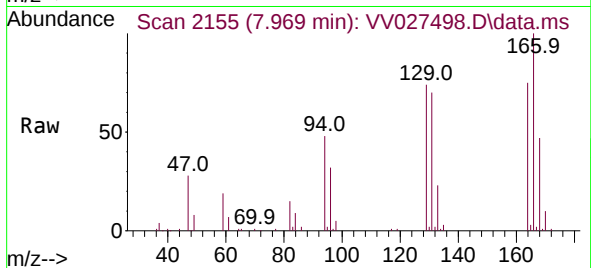
Ion Ratio Lower Upper

97 100

99 0.0 46.1 85.7#

83 148.7 63.0 117.0#

85 0.0 40.2 74.6#



#47

Tetrachloroethene

Concen: 4.818 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV027498.D

Acq: 25 Aug 2022 16:35

Tgt Ion:164 Resp: 39724

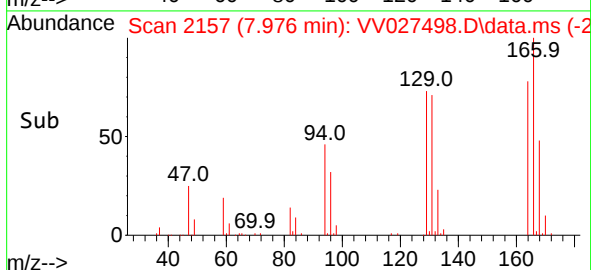
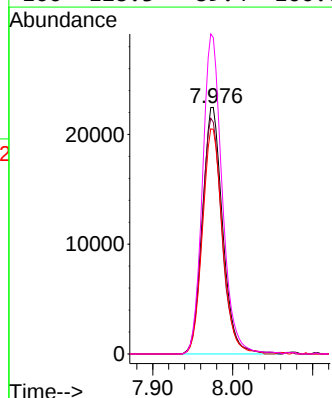
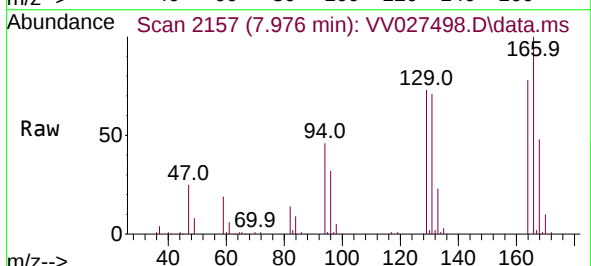
Ion Ratio Lower Upper

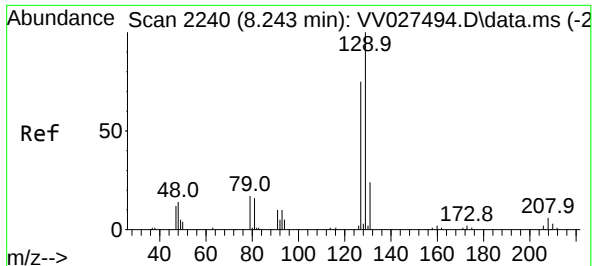
164 100

129 94.0 71.1 132.1

131 91.1 64.5 119.9

166 128.3 89.4 166.0





#49

Dibromochloromethane

Concen: 4.335 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV027498.D

Acq: 25 Aug 2022 16:35

Instrument :

MSVOA_V

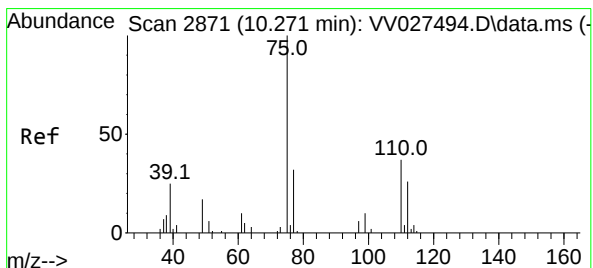
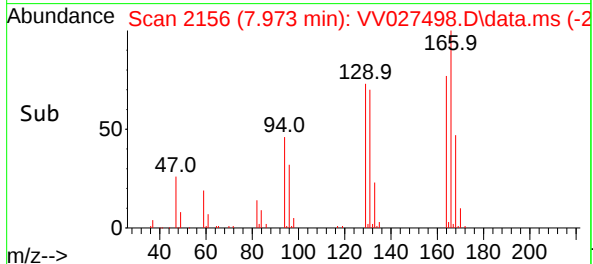
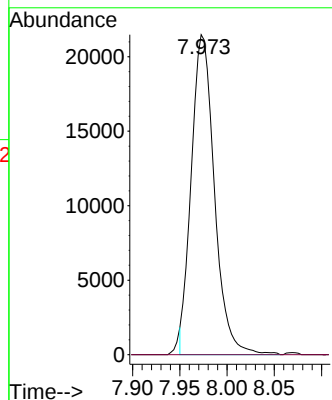
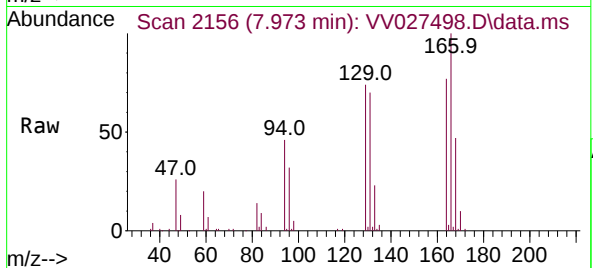
ClientSampleId :

Tgt Ion:129 Resp: 36546

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 1.219 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV027498.D

Acq: 25 Aug 2022 16:35

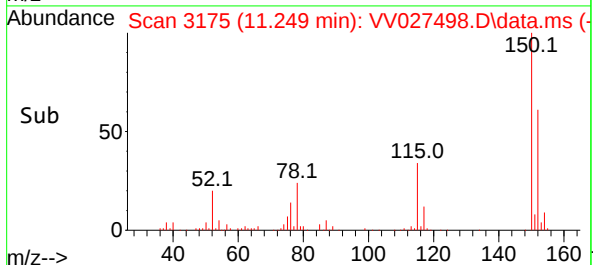
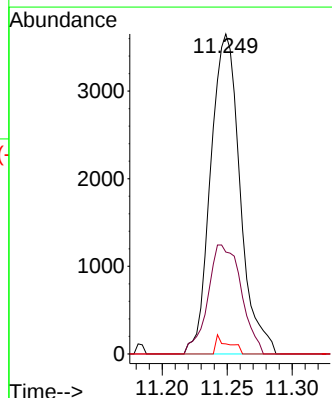
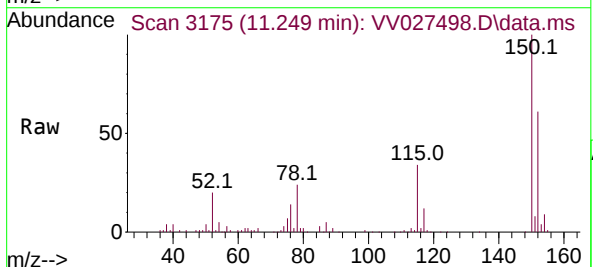
Tgt Ion: 75 Resp: 5733

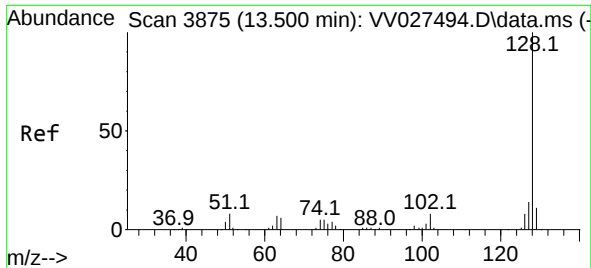
Ion Ratio Lower Upper

75 100

77 38.7 26.2 39.2

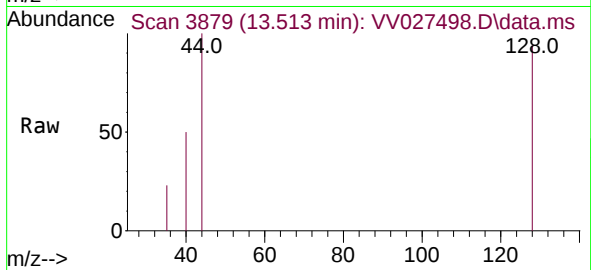
110 2.6 29.9 44.9#





#71
Naphthalene
Concen: 0.073 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.013 min
Lab File: VV027498.D
Acq: 25 Aug 2022 16:35

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 948
Ion Ratio Lower Upper
128 100
129 0.0 8.7 13.1#
127 2.1 10.4 15.6#

