

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092322\
 Data File : VW028105.D
 Acq On : 23 Sep 2022 15:51
 Operator : SY/MD
 Sample : N4729-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 24 01:28:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 24 01:23:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	178626	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	175657	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	83190	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	74654	4.031	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.561	69	65639	4.458	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.101	63	101906	3.173	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.400%
20) 2-Butanone-d5	3.892	46	170066	54.397	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.800%
24) Chloroform-d	4.343	84	140940	4.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.031	65	67097	4.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.043	84	258107	4.481	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.066	67	86748	4.831	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.313	98	203136	3.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	7.622	79	28862	4.450	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.085	63	132460	48.932	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.860%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	62097	5.059	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	82586	5.061	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.304	62	1754	0.127	ug/L #	7
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1273	0.100	ug/L #	22
12) 1,1-Dichloroethene	2.108	96	3346	0.271	ug/L #	1
18) trans-1,2-Dichloroethene	2.757	96	4596	0.425	ug/L	94
22) cis-1,2-Dichloroethene	3.905	96	109436	7.718	ug/L	99
25) Chloroform	4.371	83	2742	0.108	ug/L	88
29) 1,1,1-Trichloroethane	4.603	97	3405	0.158	ug/L #	85
31) Carbon tetrachloride	4.606	117	520	0.029	ug/L #	46
34) Trichloroethene	5.908	95	8378539	690.057	ug/L	98
35) Methylcyclohexane	6.066	83	21009	1.262	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	9646	0.705	ug/L #	88
39) cis-1,3-Dichloropropene	6.979	75	1938	0.114	ug/L #	81
44) trans-1,3-Dichloropropene	7.625	75	1535	0.105	ug/L #	81
47) Tetrachloroethene	7.976	164	6277	0.648	ug/L	97
49) Dibromochloromethane	7.976	129	6119	0.555	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	8698	1.247	ug/L #	68

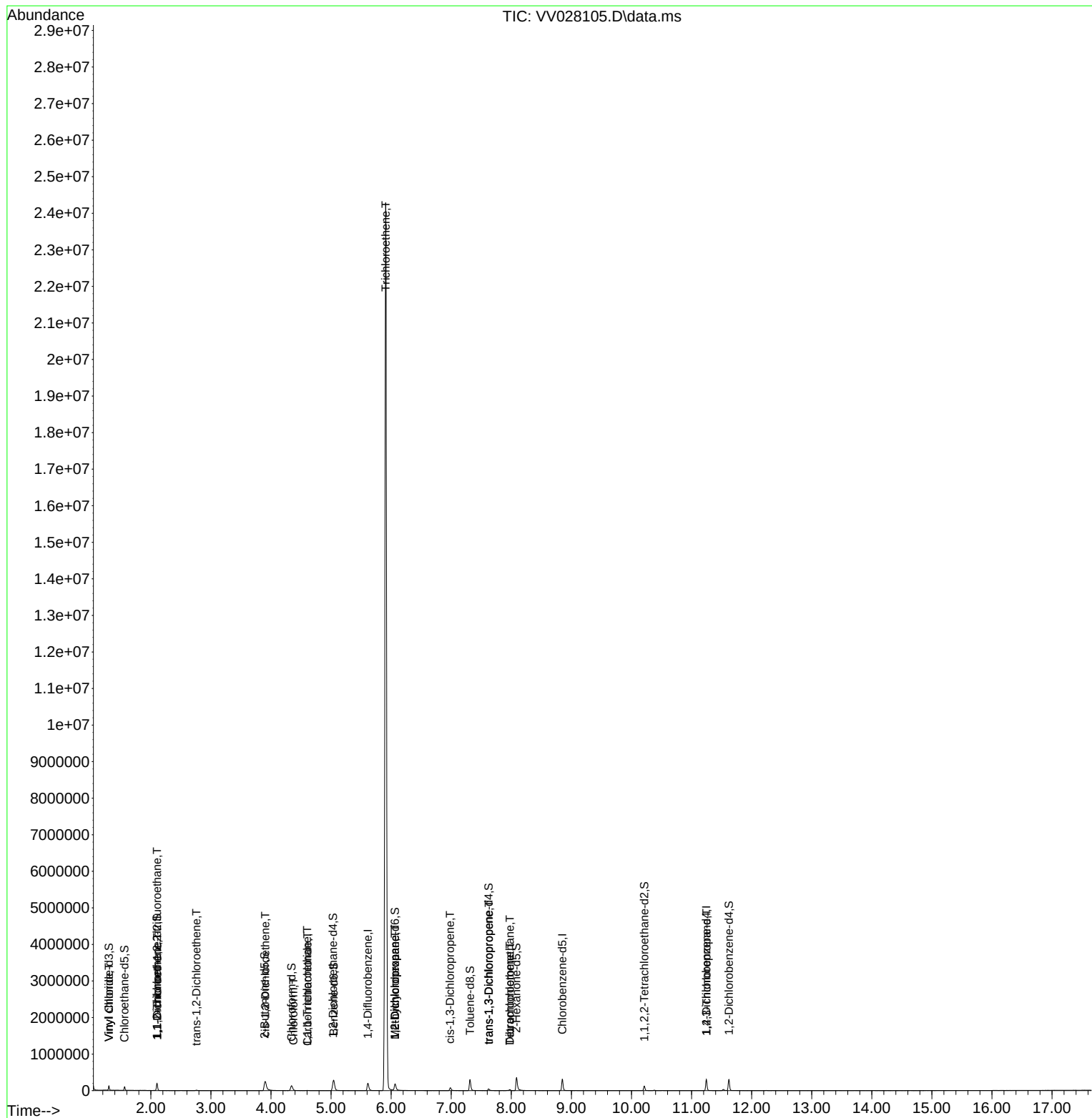
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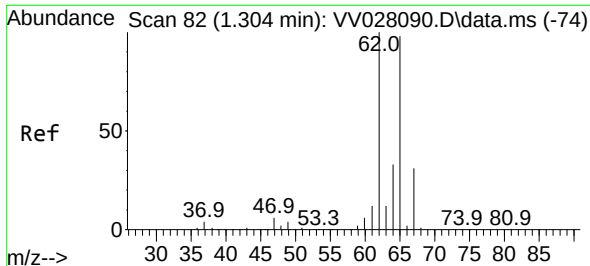
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092322\
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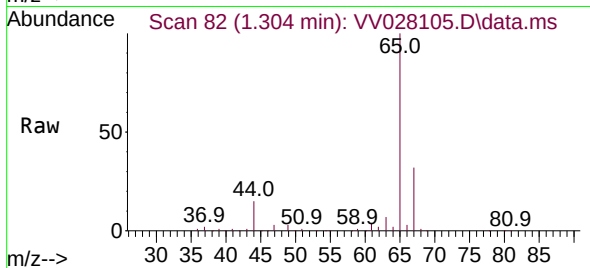
Quant Time: Sep 24 01:28:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
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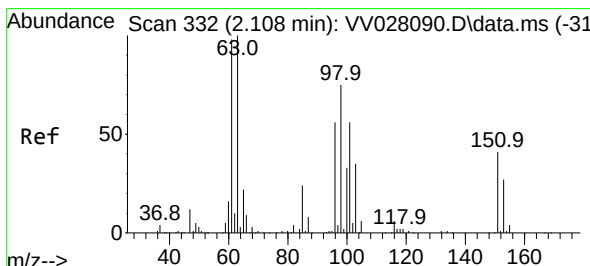
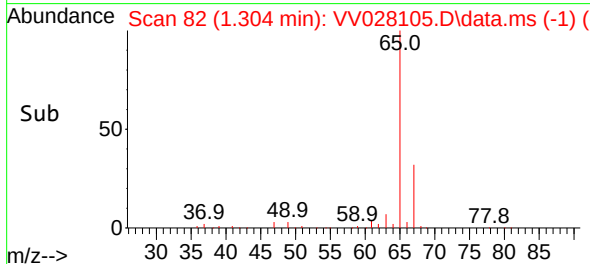
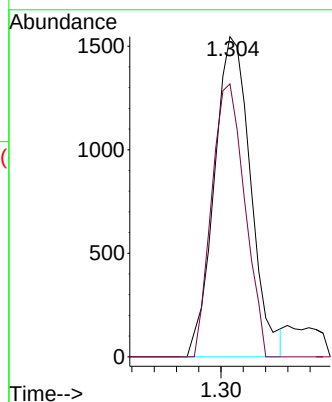


#5
 Vinyl chloride
 Concen: 0.127 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028105.D
 Acq: 23 Sep 2022 15:51

Instrument :
 MSVOA_V
 ClientSampleId :

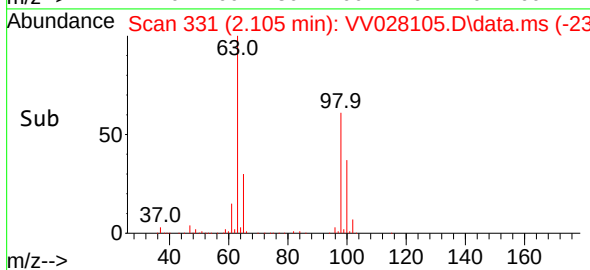
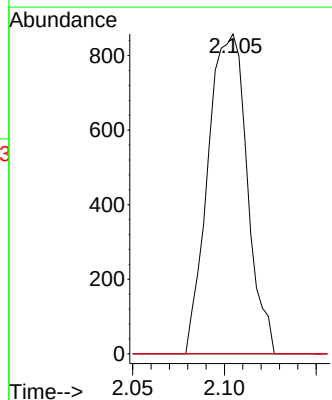
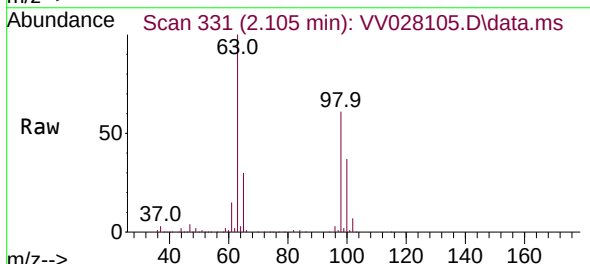


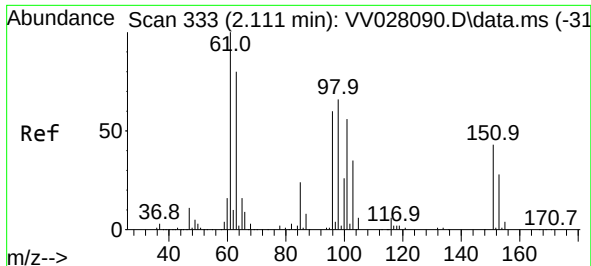
Tgt Ion: 62 Resp: 1754
 Ion Ratio Lower Upper
 62 100
 64 85.3 23.0 42.8#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.100 ug/L
 RT: 2.105 min Scan# 331
 Delta R.T. -0.003 min
 Lab File: VV028105.D
 Acq: 23 Sep 2022 15:51

Tgt Ion: 101 Resp: 1273
 Ion Ratio Lower Upper
 101 100
 85 4.9 34.4 51.6#
 151 0.0 61.1 91.7#





#12

1,1-Dichloroethene

Concen: 0.271 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV028105.D

Acq: 23 Sep 2022 15:51

Instrument :

MSVOA_V

ClientSampleId :

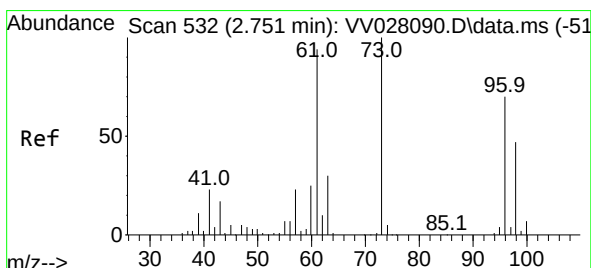
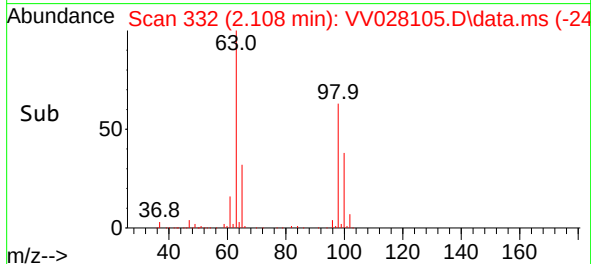
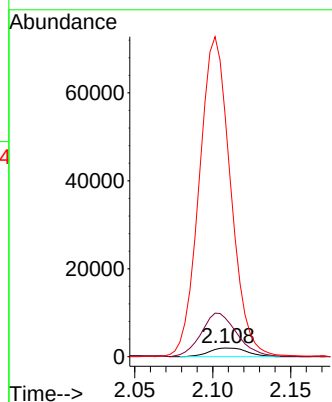
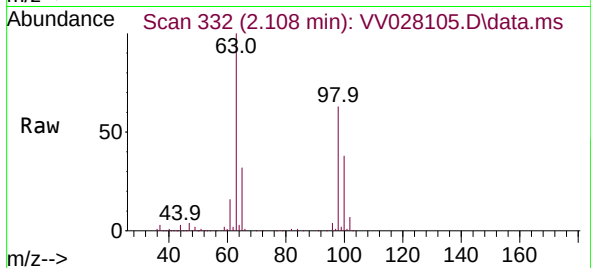
Tgt Ion: 96 Resp: 3346

Ion Ratio Lower Upper

96 100

61 452.7 128.3 238.3#

63 2827.0 112.7 209.3#



#18

trans-1,2-Dichloroethene

Concen: 0.425 ug/L

RT: 2.757 min Scan# 534

Delta R.T. 0.006 min

Lab File: VV028105.D

Acq: 23 Sep 2022 15:51

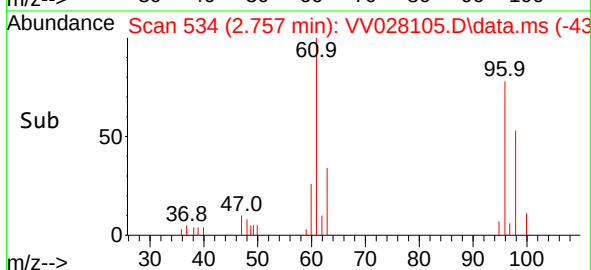
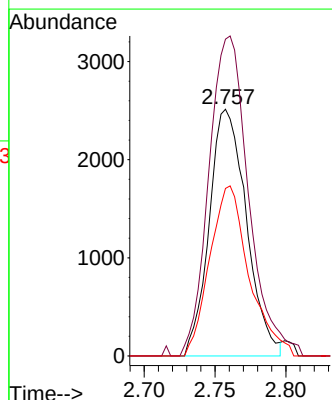
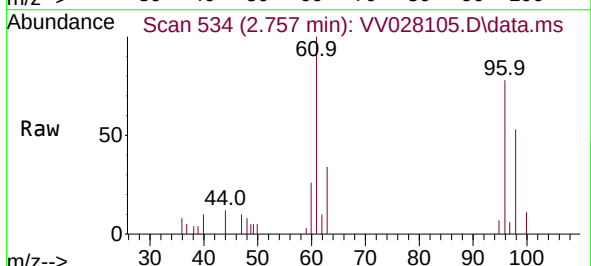
Tgt Ion: 96 Resp: 4596

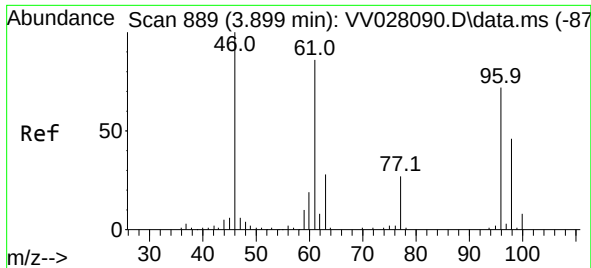
Ion Ratio Lower Upper

96 100

61 128.4 96.2 178.6

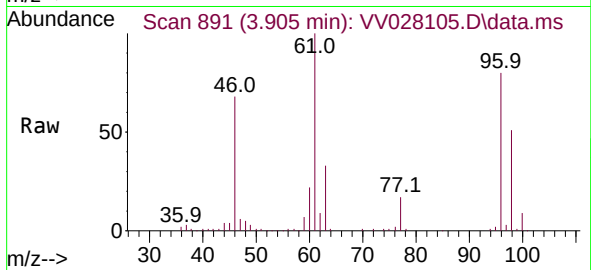
98 67.9 45.7 84.9



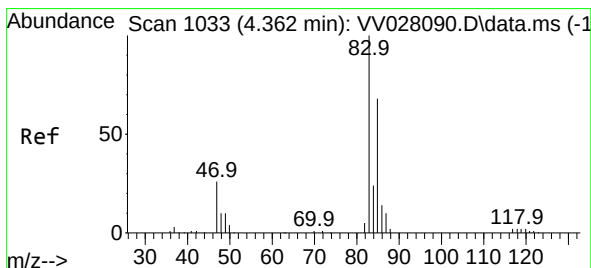
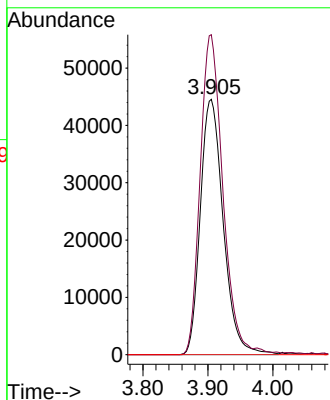
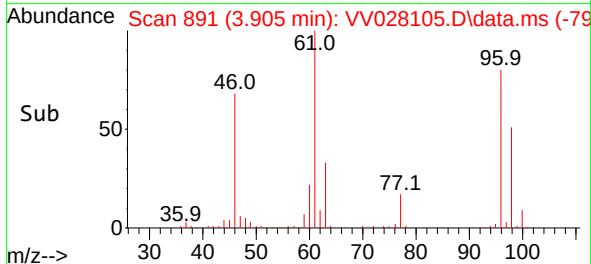


#22
 cis-1,2-Dichloroethene
 Concen: 7.718 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV028105.D
 Acq: 23 Sep 2022 15:51

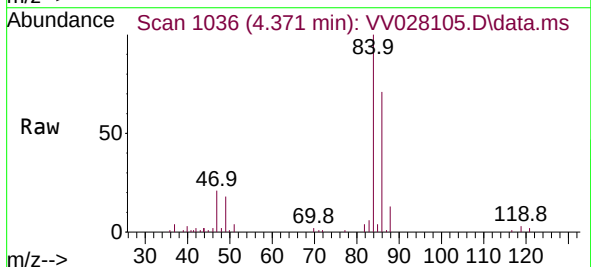
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 MSVOA_V
 ClientSampleId :



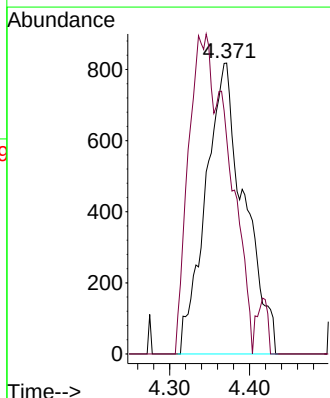
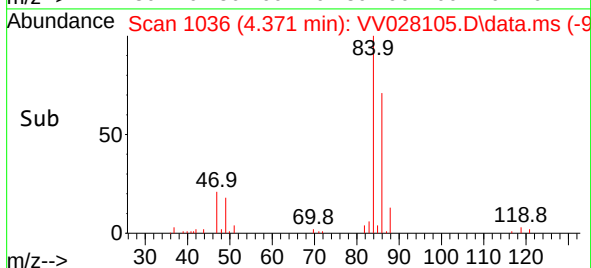
Tgt Ion: 96 Resp: 109436
 Ion Ratio Lower Upper
 96 100
 61 125.3 87.2 161.9
 68 0.0 0.0 0.0

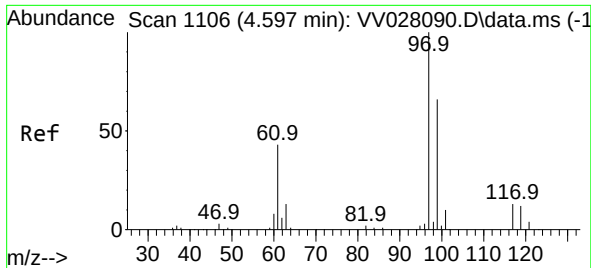


#25
 Chloroform
 Concen: 0.108 ug/L
 RT: 4.371 min Scan# 1036
 Delta R.T. 0.010 min
 Lab File: VV028105.D
 Acq: 23 Sep 2022 15:51



Tgt Ion: 83 Resp: 2742
 Ion Ratio Lower Upper
 83 100
 85 74.1 45.1 83.7





#29

1,1,1-Trichloroethane

Concen: 0.158 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV028105.D

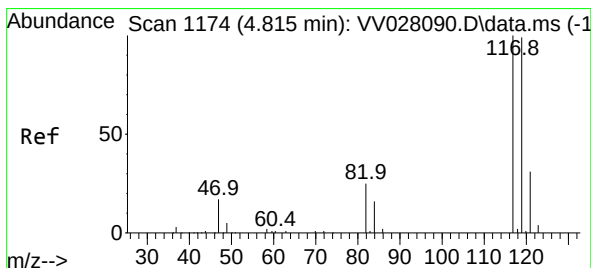
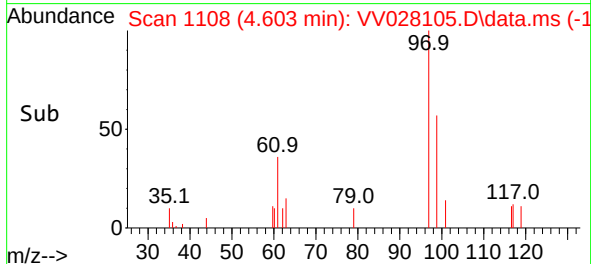
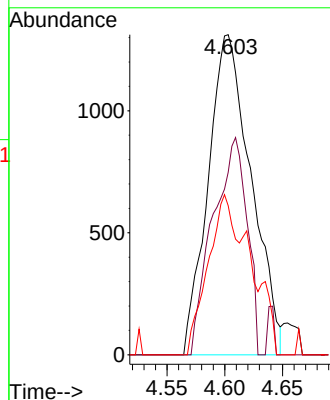
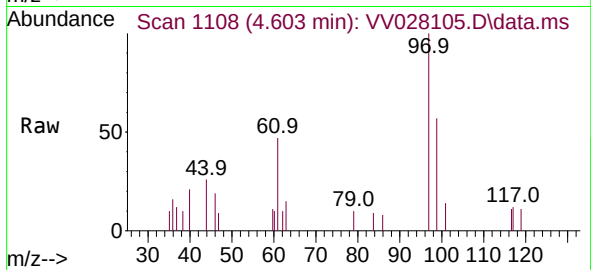
Acq: 23 Sep 2022 15:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97	Resp: 3405
Ion Ratio	Lower Upper
97 100	
99 53.9	51.9 77.9
61 32.7	34.8 52.2#



#31

Carbon tetrachloride

Concen: 0.029 ug/L

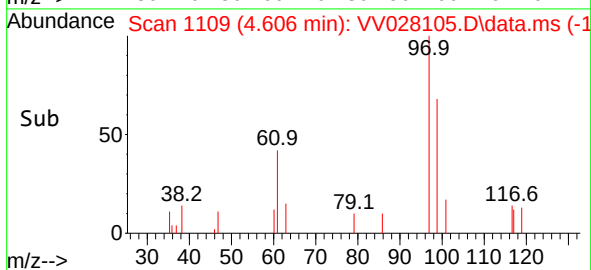
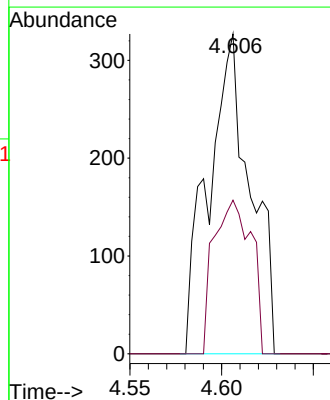
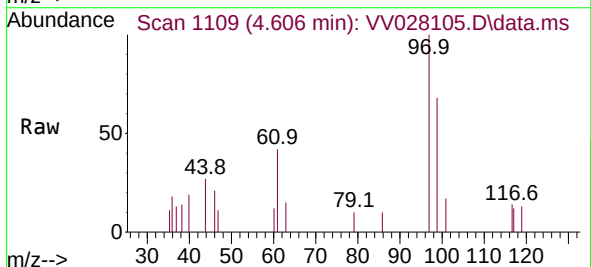
RT: 4.606 min Scan# 1109

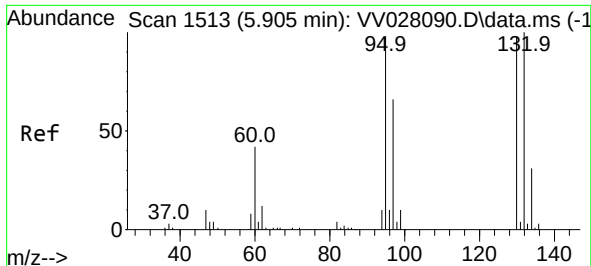
Delta R.T. -0.209 min

Lab File: VV028105.D

Acq: 23 Sep 2022 15:51

Tgt Ion: 117	Resp: 520
Ion Ratio	Lower Upper
117 100	
119 43.3	76.9 115.3#

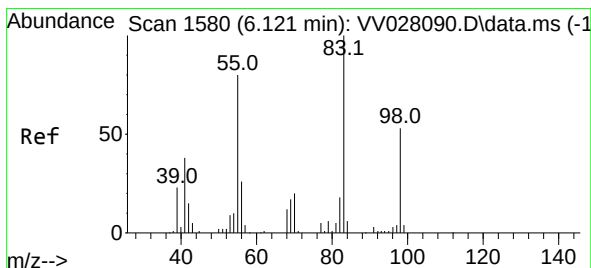
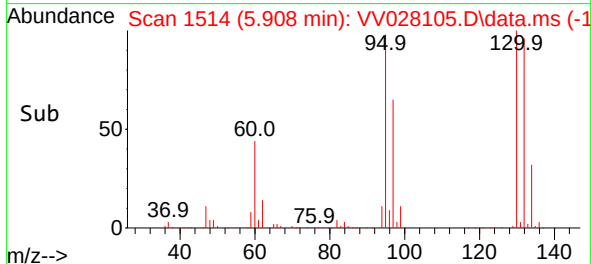
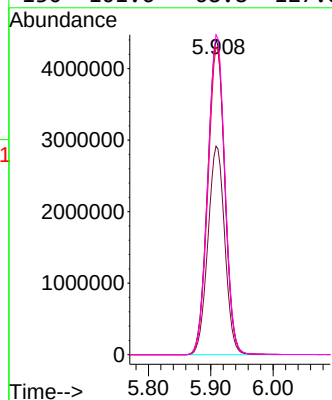
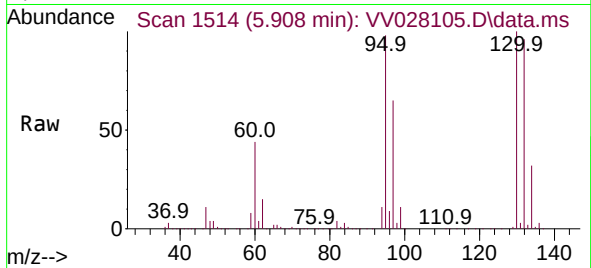




#34
Trichloroethene
Concen: 690.057 ug/L
RT: 5.908 min Scan# 1513
Delta R.T. 0.003 min
Lab File: VV028105.D
Acq: 23 Sep 2022 15:51

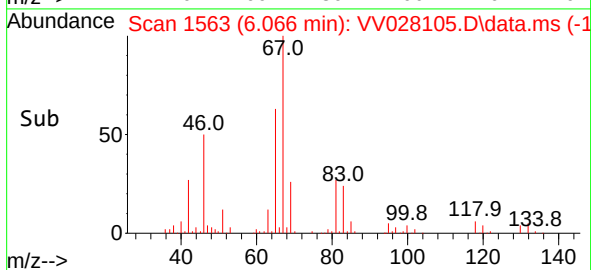
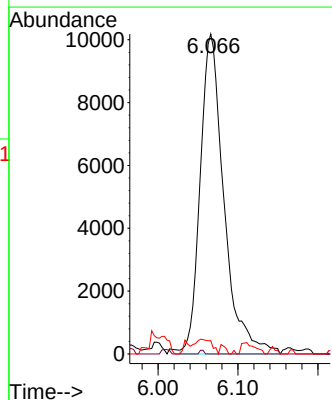
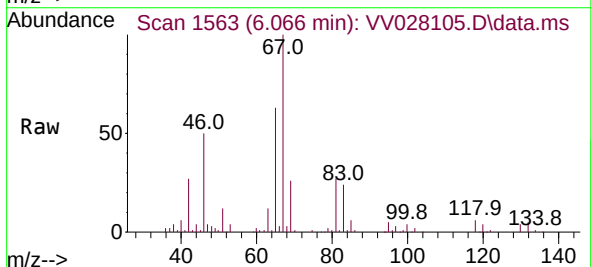
Instrument :
MSVOA_V
ClientSampleId :

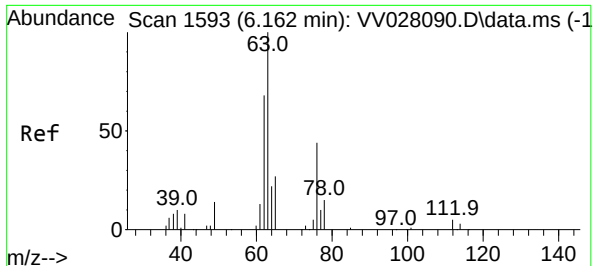
Tgt Ion: 95 Resp: 8378539
Ion Ratio Lower Upper
95 100
97 66.2 44.2 82.0
132 97.6 67.8 126.0
130 101.6 68.8 127.8



#35
Methylcyclohexane
Concen: 1.262 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.055 min
Lab File: VV028105.D
Acq: 23 Sep 2022 15:51

Tgt Ion: 83 Resp: 21009
Ion Ratio Lower Upper
83 100
55 0.2 64.7 97.1#
98 0.0 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.705 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.096 min

Lab File: VV028105.D

Acq: 23 Sep 2022 15:51

Instrument :

MSVOA_V

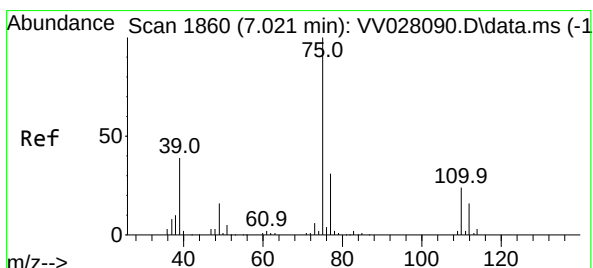
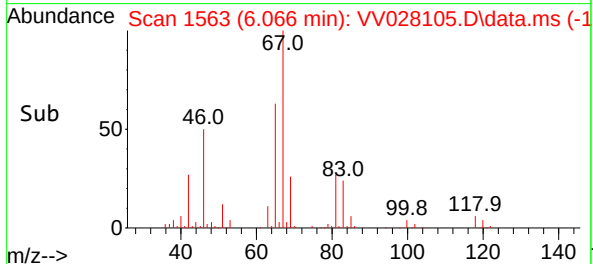
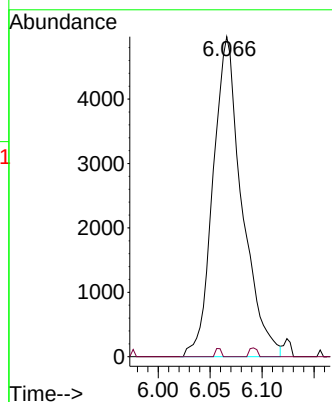
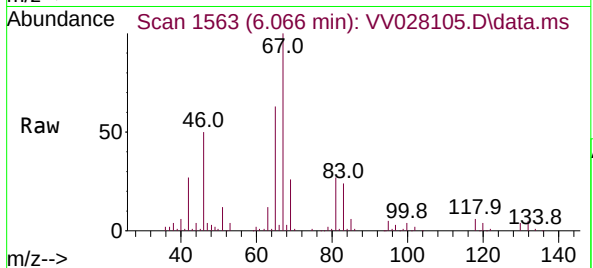
ClientSampleId :

Tgt Ion: 63 Resp: 9646

Ion Ratio Lower Upper

63 100

112 0.5 3.5 5.3#



#39

cis-1,3-Dichloropropene

Concen: 0.114 ug/L

RT: 6.979 min Scan# 1847

Delta R.T. -0.042 min

Lab File: VV028105.D

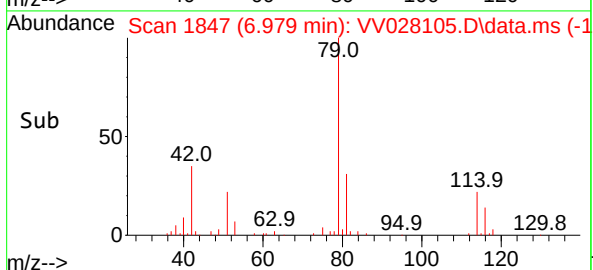
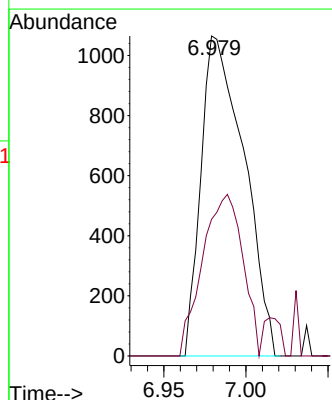
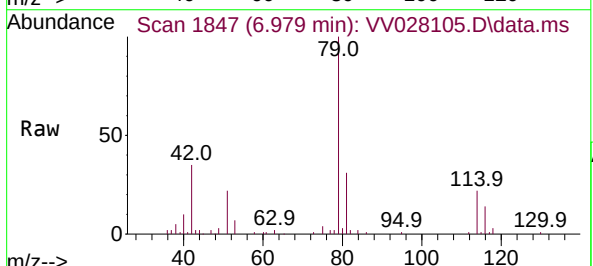
Acq: 23 Sep 2022 15:51

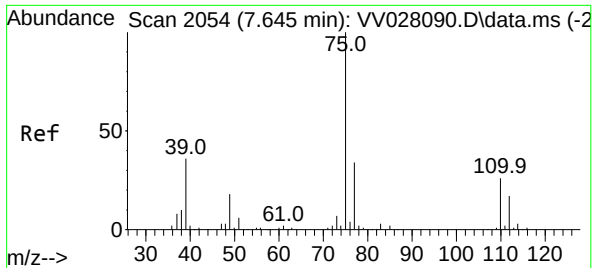
Tgt Ion: 75 Resp: 1938

Ion Ratio Lower Upper

75 100

77 42.7 22.4 41.6#

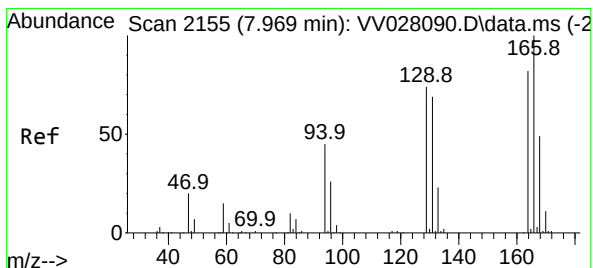
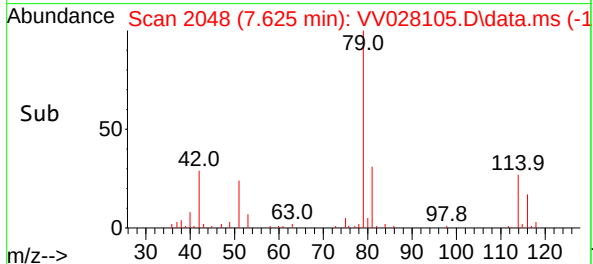
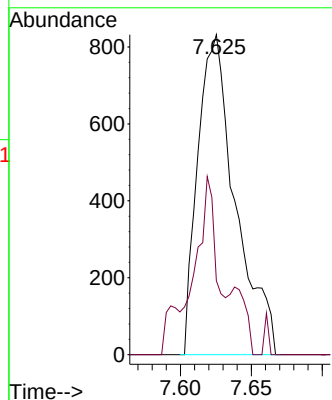
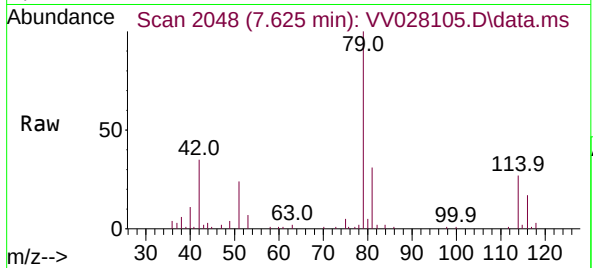




#44
trans-1,3-Dichloropropene
Concen: 0.105 ug/L
RT: 7.625 min Scan# 2054
Delta R.T. -0.019 min
Lab File: VV028105.D
Acq: 23 Sep 2022 15:51

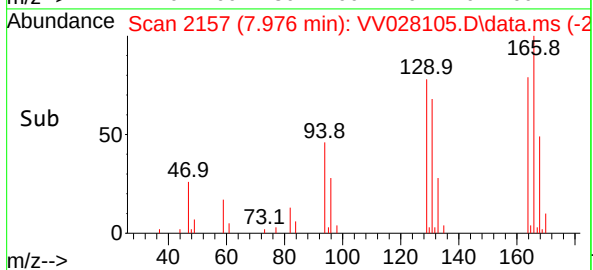
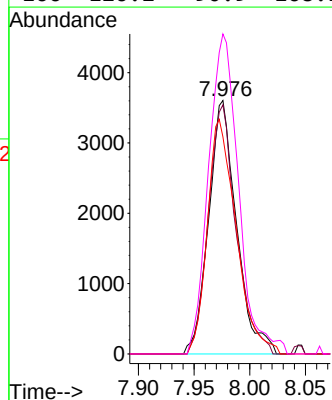
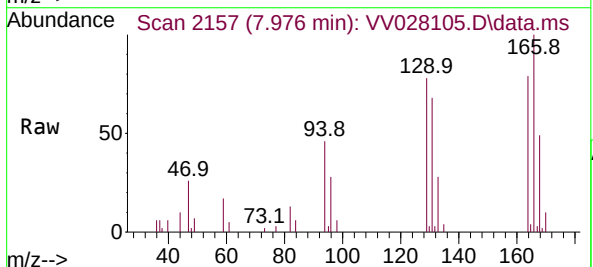
Instrument :
MSVOA_V
ClientSampleId :

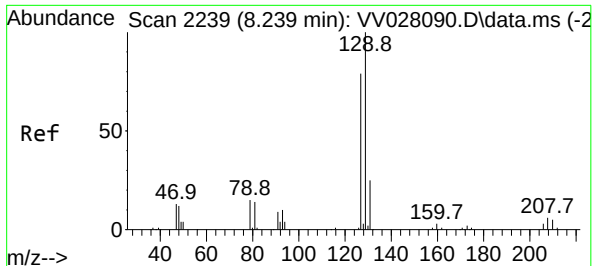
Tgt Ion: 75 Resp: 1535
Ion Ratio Lower Upper
75 100
77 23.1 23.9 44.3#



#47
Tetrachloroethene
Concen: 0.648 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.006 min
Lab File: VV028105.D
Acq: 23 Sep 2022 15:51

Tgt Ion: 164 Resp: 6277
Ion Ratio Lower Upper
164 100
129 98.3 66.7 123.9
131 85.7 61.7 114.5
166 126.2 90.9 168.9





#49

Dibromochloromethane

Concen: 0.555 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.264 min

Lab File: VV028105.D

Acq: 23 Sep 2022 15:51

Instrument :

MSVOA_V

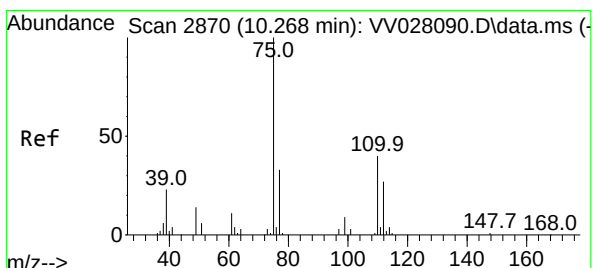
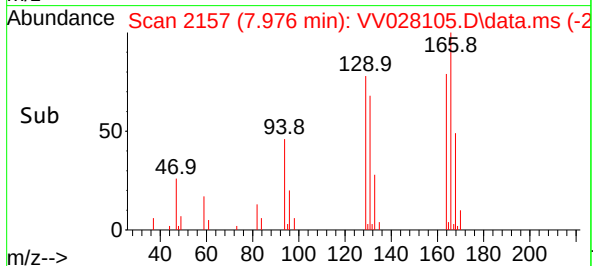
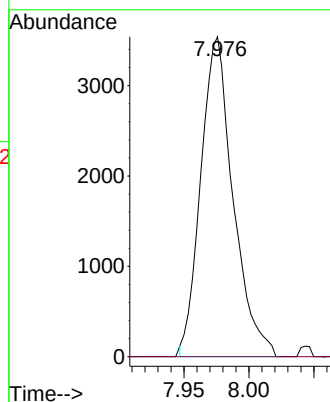
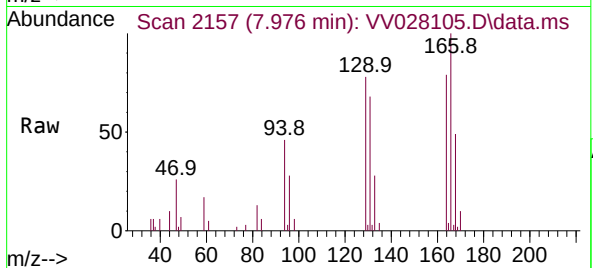
ClientSampleId :

Tgt Ion:129 Resp: 6119

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#



#61

1,2,3-Trichloropropane

Concen: 1.247 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.981 min

Lab File: VV028105.D

Acq: 23 Sep 2022 15:51

Tgt Ion: 75 Resp: 8698

Ion Ratio Lower Upper

75 100

77 35.0 26.7 40.1

110 2.5 30.1 45.1#

