

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041023\
 Data File : VV030475.D
 Acq On : 10 Apr 2023 18:13
 Operator : SY/MD
 Sample : 02254-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA3

Quant Time: Apr 11 06:31:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 11 06:24:59 2023
 Response via : Initial Calibration

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

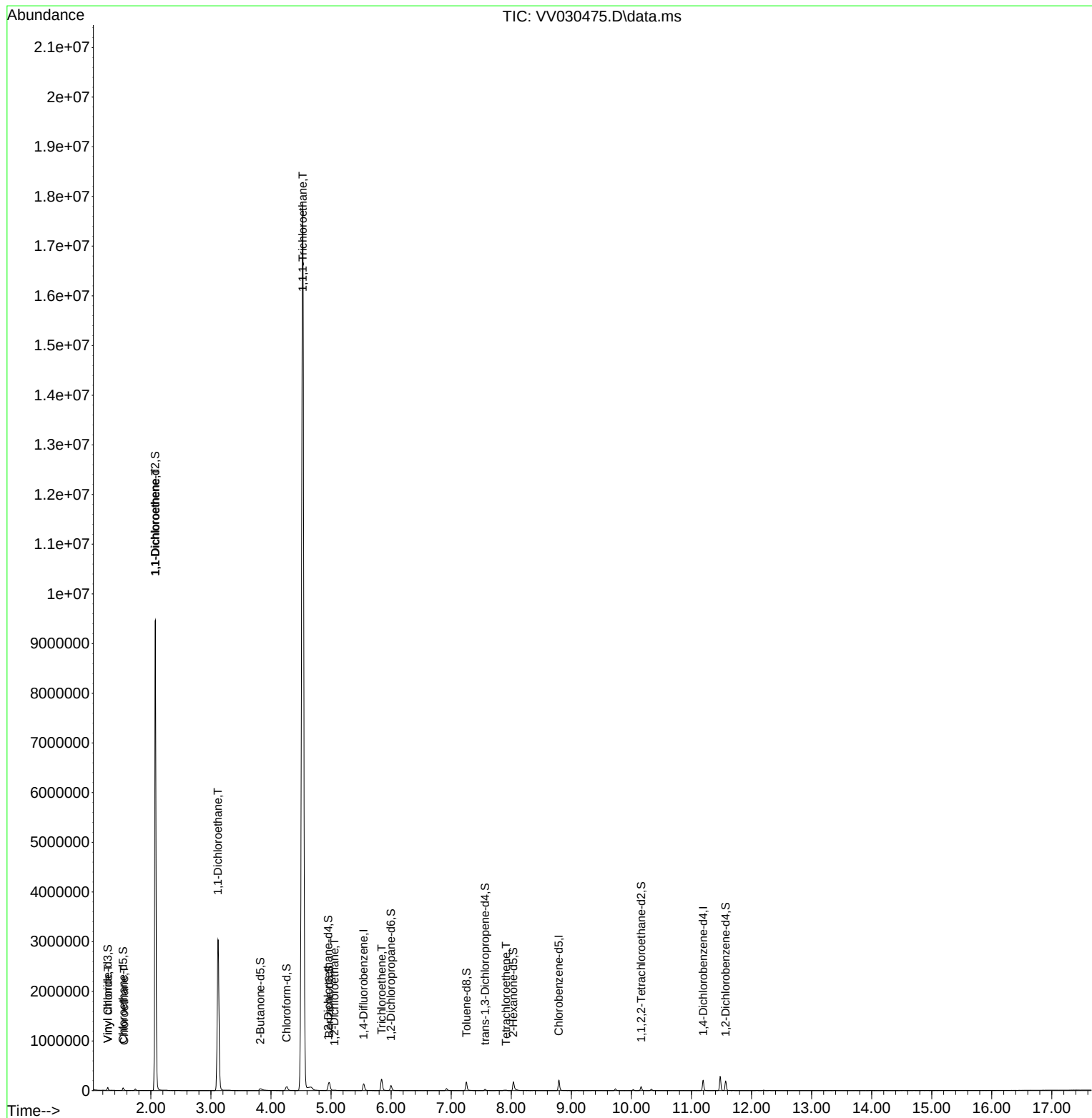
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	119290	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	115068	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	57681	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	27527	3.484	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.536	69	30184	3.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.073	63	1558531	83.132	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	1662.600%#
20) 2-Butanone-d5	3.822	46	90114	44.129	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.260%
24) Chloroform-d	4.259	84	83436	4.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	4.954	65	42366	4.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	4.970	84	146858	4.529	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	5.998	67	45466	4.479	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.252	98	118163	3.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	7.564	79	15261	3.993	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.034	63	63664	41.452	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.900%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	35532	4.441	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	11.571	152	51167	4.963	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
5) Vinyl chloride	1.285	62	11636	0.834	ug/L	99
8) Chloroethane	1.555	64	8047	1.007	ug/L	98
12) 1,1-Dichloroethene	2.076	96	2596564	260.510	ug/L #	67
19) 1,1-Dichloroethane	3.118	63	2920800	143.483	ug/L	97
27) 1,2-Dichloroethane	5.056	62	6435	0.517	ug/L	96
29) 1,1,1-Trichloroethane	4.529	97	13881970	750.591	ug/L	97
34) Trichloroethene	5.841	95	80121	7.269	ug/L	97
47) Tetrachloroethene	7.915	164	1753	0.180	ug/L	92

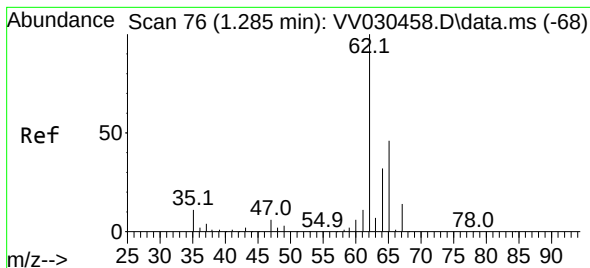
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 11 06:24:59 2023
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.834 ug/L

RT: 1.285 min Scan# 70

Delta R.T. 0.000 min

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Acq: 10 Apr 2023 18:13

Instrument :

MSVOA_V

ClientSampleId :

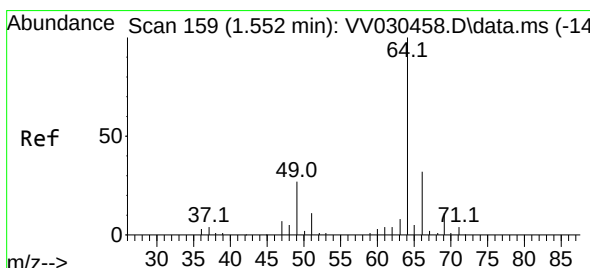
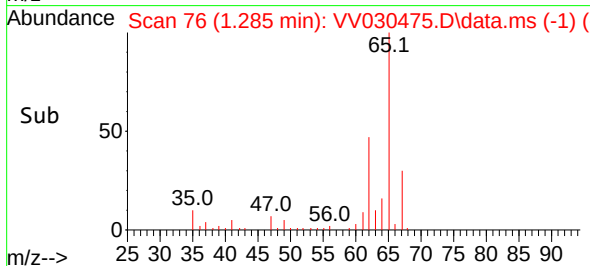
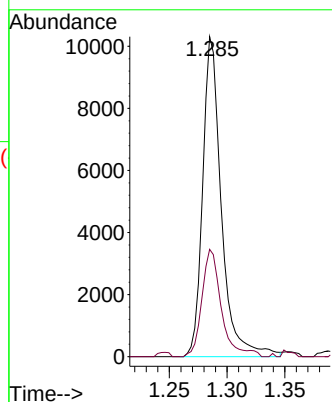
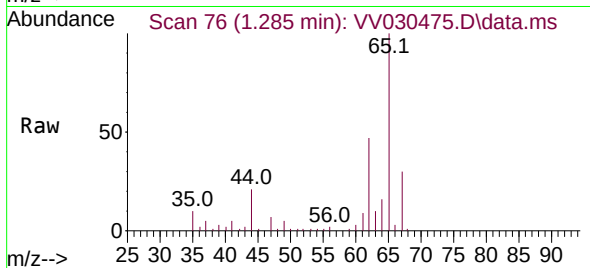
C0AA3

Tgt Ion: 62 Resp: 11636

Ion Ratio Lower Upper

62 100

64 33.5 23.2 43.2



#8

Chloroethane

Concen: 1.007 ug/L

RT: 1.555 min Scan# 160

Delta R.T. 0.003 min

Lab File: VV030475.D

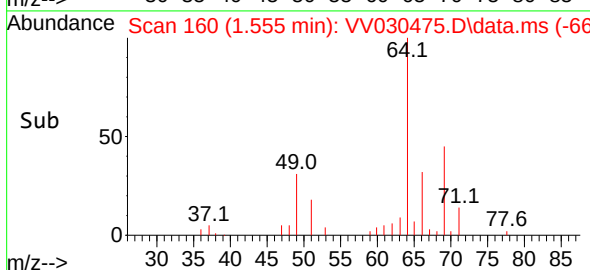
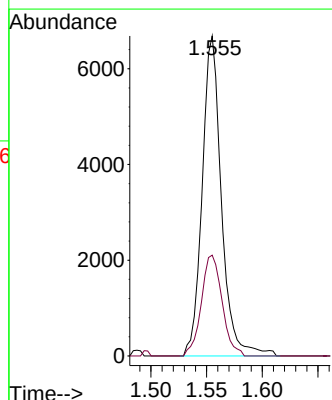
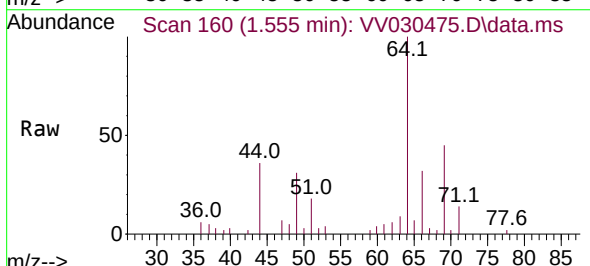
Acq: 10 Apr 2023 18:13

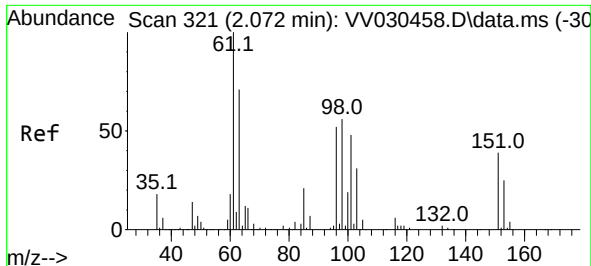
Tgt Ion: 64 Resp: 8047

Ion Ratio Lower Upper

64 100

66 31.5 23.0 42.8





#12

1,1-Dichloroethene

Concen: 260.510 ug/L

RT: 2.076 min Scan# 321

Delta R.T. 0.003 min

Lab File: VV030475.D

Acq: 10 Apr 2023 18:13

Instrument :

MSVOA_V

ClientSampleId :

C0AA3

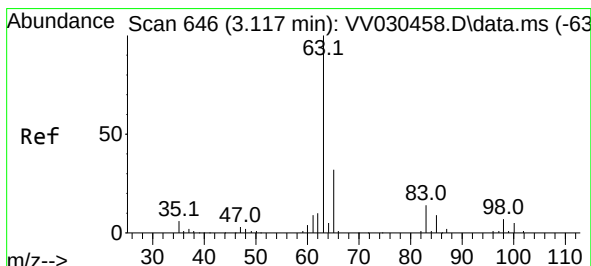
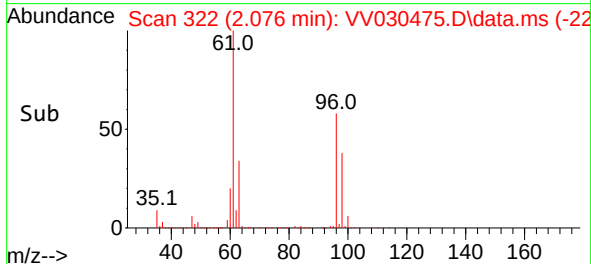
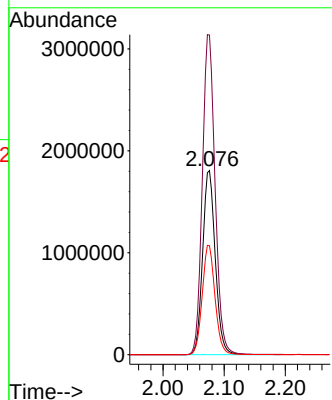
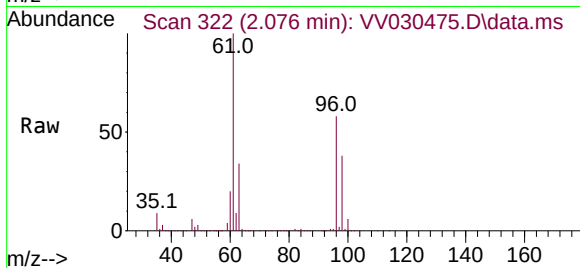
Tgt Ion: 96 Resp: 2596564

Ion Ratio Lower Upper

96 100

61 173.5 136.3 253.1

63 59.2 92.1 171.1#



#19

1,1-Dichloroethane

Concen: 143.483 ug/L

RT: 3.118 min Scan# 646

Delta R.T. 0.000 min

Lab File: VV030475.D

Acq: 10 Apr 2023 18:13

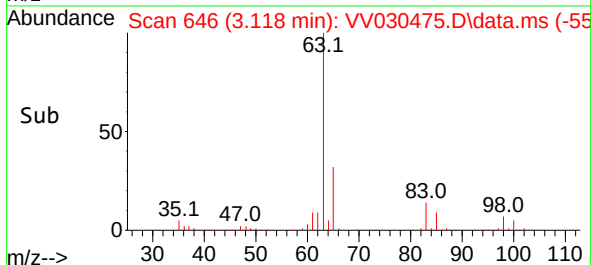
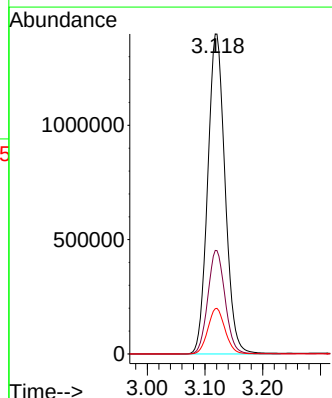
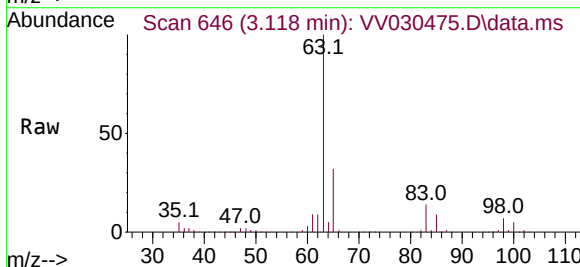
Tgt Ion: 63 Resp: 2920800

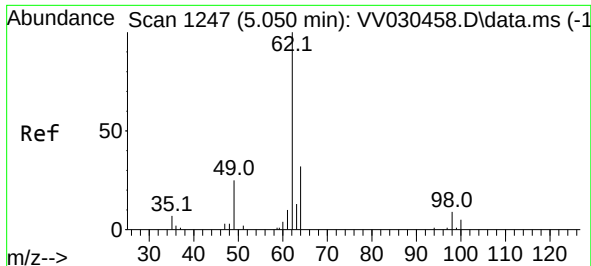
Ion Ratio Lower Upper

63 100

65 32.3 21.7 40.3

83 14.2 9.1 16.9





#27

1,2-Dichloroethane

Concen: 0.517 ug/L

RT: 5.056 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV030475.D

Acq: 10 Apr 2023 18:13

Instrument :

MSVOA_V

ClientSampleId :

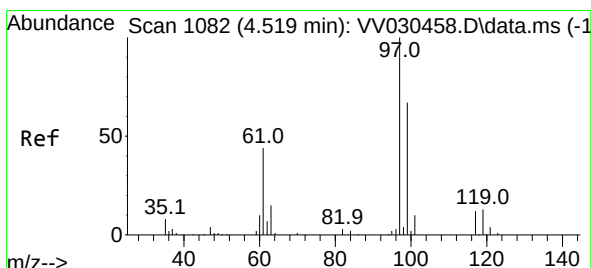
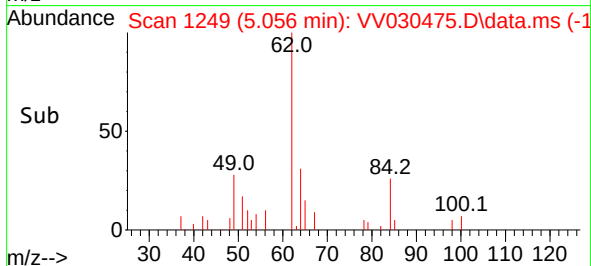
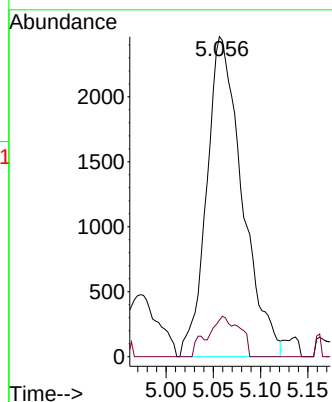
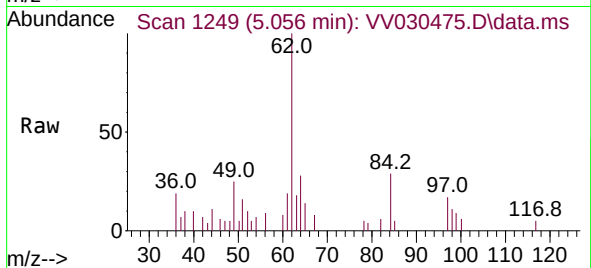
C0AA3

Tgt Ion: 62 Resp: 6435

Ion Ratio Lower Upper

62 100

98 11.4 7.8 11.8



#29

1,1,1-Trichloroethane

Concen: 750.591 ug/L

RT: 4.529 min Scan# 1085

Delta R.T. 0.010 min

Lab File: VV030475.D

Acq: 10 Apr 2023 18:13

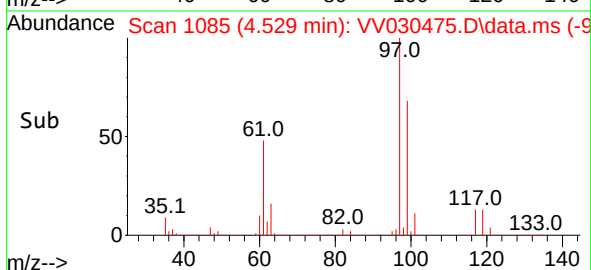
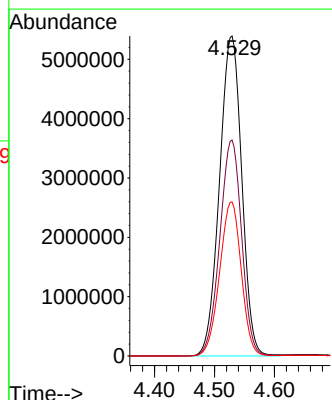
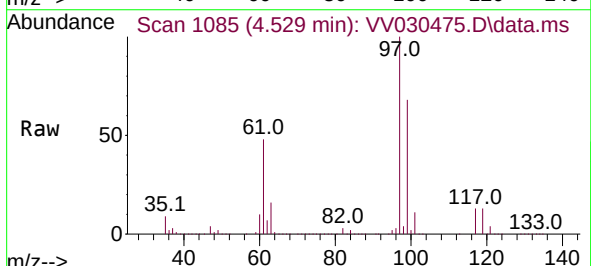
Tgt Ion: 97 Resp:13881970

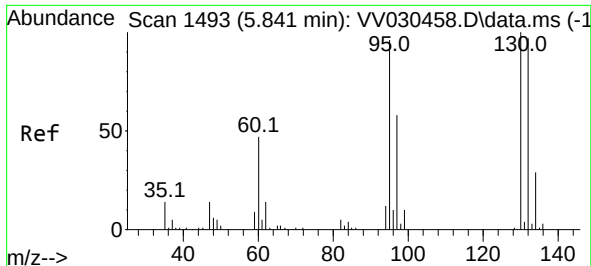
Ion Ratio Lower Upper

97 100

99 66.2 50.9 76.3

61 46.8 35.9 53.9

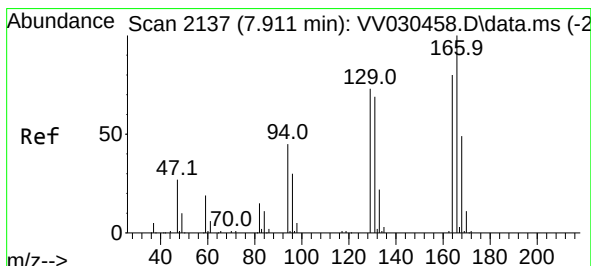
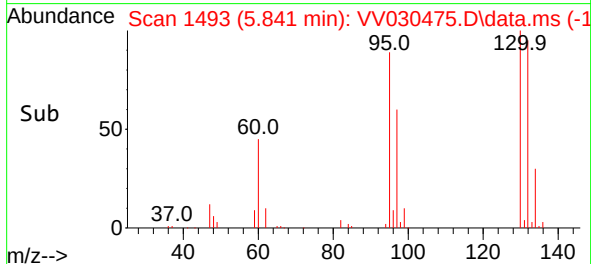
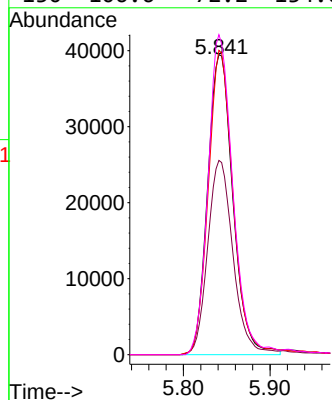
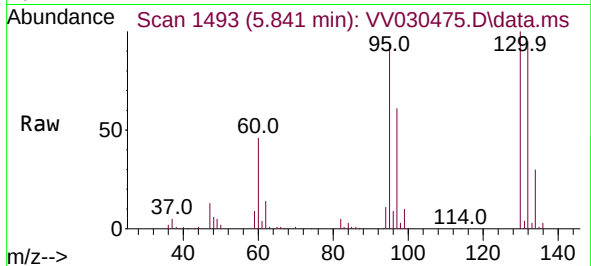




#34
Trichloroethene
Concen: 7.269 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VV030475.D
Acq: 10 Apr 2023 18:13

Instrument :
MSVOA_V
ClientSampleId :
C0AA3

Tgt Ion: 95 Resp: 80121
Ion Ratio Lower Upper
95 100
97 64.7 44.2 82.2
132 101.4 69.5 129.1
130 106.6 72.2 134.0



#47
Tetrachloroethene
Concen: 0.180 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030475.D
Acq: 10 Apr 2023 18:13

Tgt Ion: 164 Resp: 1753
Ion Ratio Lower Upper
164 100
129 80.3 60.8 112.8
131 82.2 61.7 114.7
166 112.2 85.6 159.0

