

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041023\
 Data File : VV030474.D
 Acq On : 10 Apr 2023 17:48
 Operator : SY/MD
 Sample : 02254-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA2

Quant Time: Apr 11 06:31:00 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)

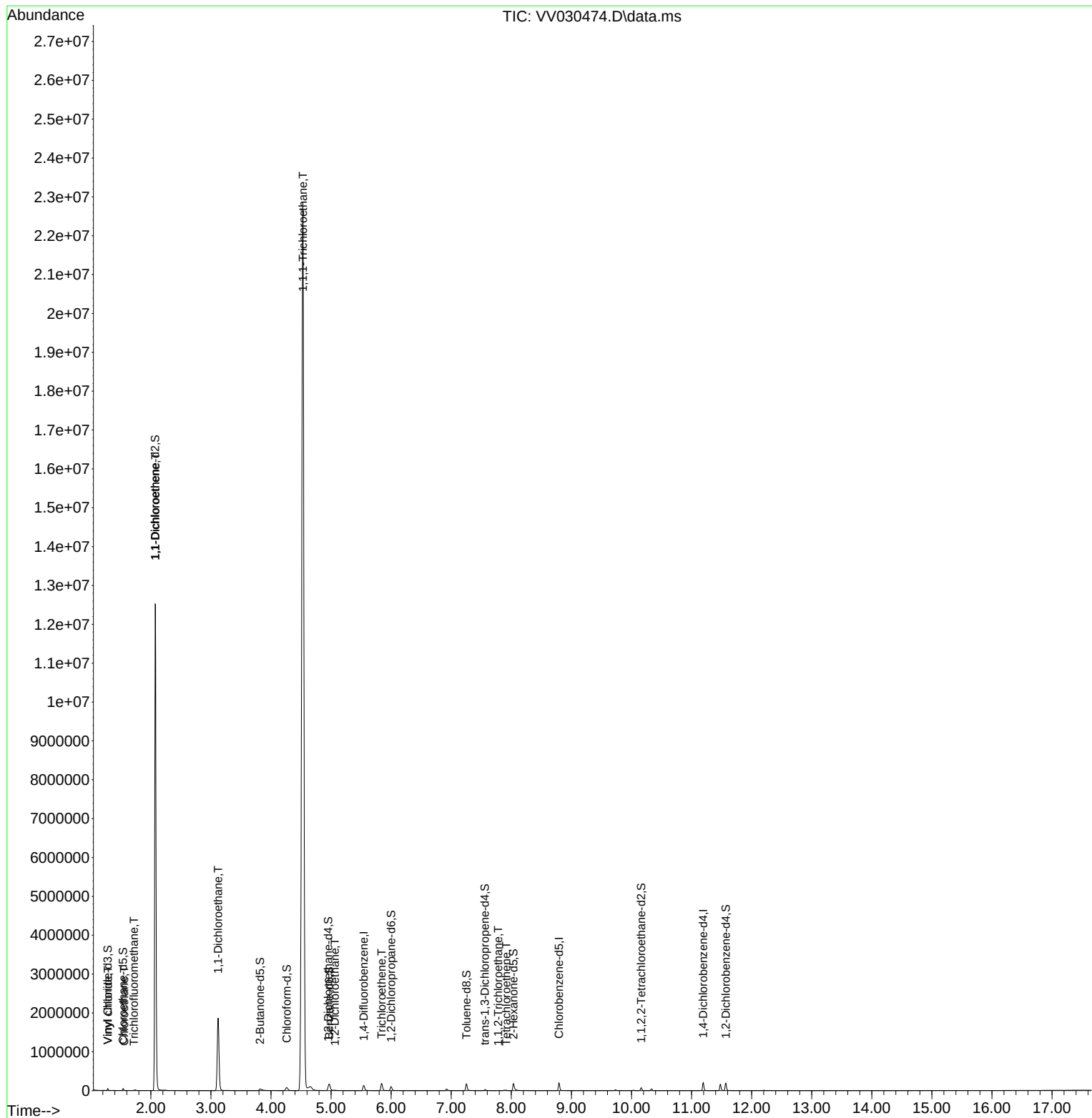
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	118777	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	113731	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	56011	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	26446	3.362	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.200%
7) Chloroethane-d5	1.536	69	30648	4.015	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.072	63	2049563	109.796	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	2196.000%#
20) 2-Butanone-d5	3.815	46	86778	42.679	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.360%
24) Chloroform-d	4.262	84	83176	4.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	4.953	65	41796	4.653	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	4.969	84	147400	4.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	5.998	67	46241	4.609	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.252	98	120108	4.081	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	7.561	79	15366	4.068	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.034	63	63536	41.855	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.700%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	33974	4.296	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	50582	5.053	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	5384	0.388	ug/L	93
8) Chloroethane	1.555	64	4439	0.558	ug/L	99
9) Trichlorofluoromethane	1.719	101	4472	0.221	ug/L	97
12) 1,1-Dichloroethene	2.076	96	3426355	345.246	ug/L #	67
19) 1,1-Dichloroethane	3.121	63	1803000	88.954	ug/L	98
27) 1,2-Dichloroethane	5.063	62	6718	0.542	ug/L	95
29) 1,1,1-Trichloroethane	4.529	97	17530025	958.982	ug/L	95
34) Trichloroethene	5.841	95	67295	6.177	ug/L	97
45) 1,1,2-Trichloroethane	7.783	97	795	0.109	ug/L #	80
47) Tetrachloroethene	7.915	164	2474	0.257	ug/L	88

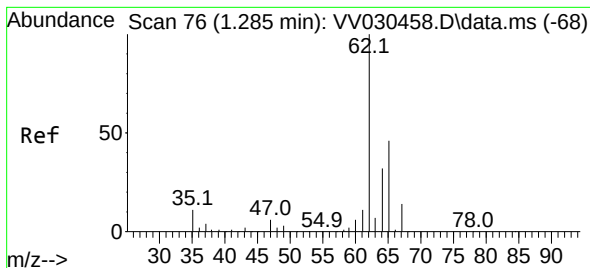
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 0.388 ug/L

RT: 1.285 min Scan# 70

Delta R.T. 0.000 min

Lab File: VV030474.D

Acq: 10 Apr 2023 17:48

Instrument :

MSVOA_V

ClientSampleId :

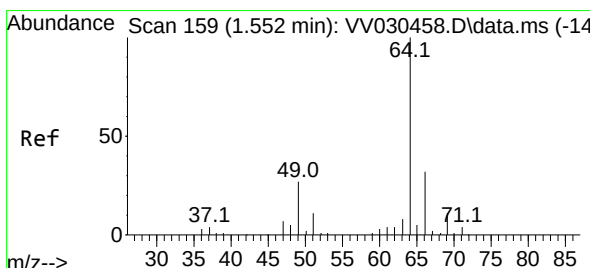
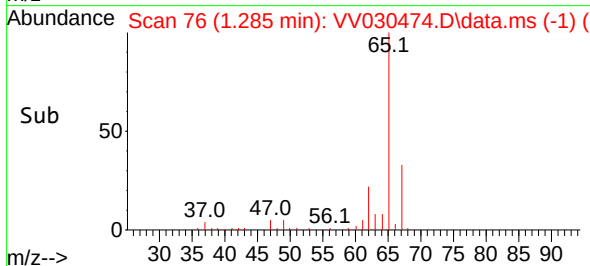
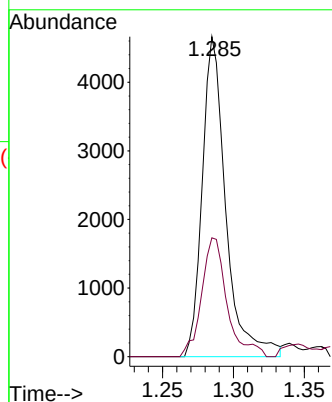
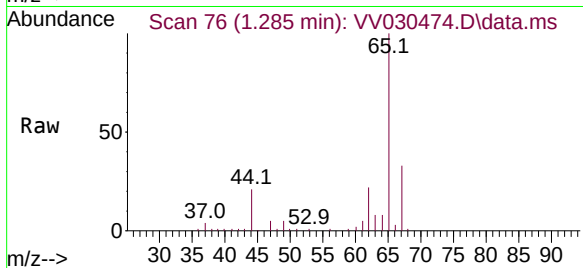
C0AA2

Tgt Ion: 62 Resp: 5384

Ion Ratio Lower Upper

62 100

64 37.1 23.2 43.2



#8

Chloroethane

Concen: 0.558 ug/L

RT: 1.555 min Scan# 160

Delta R.T. 0.003 min

Lab File: VV030474.D

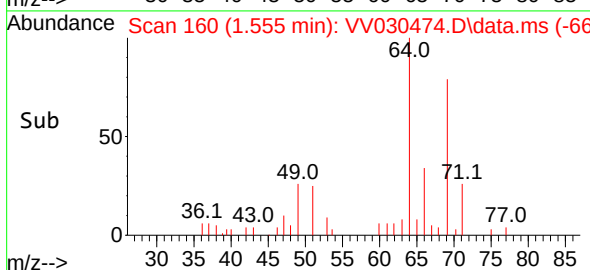
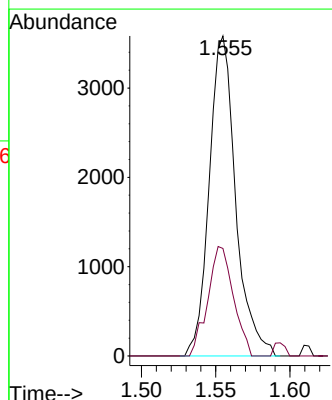
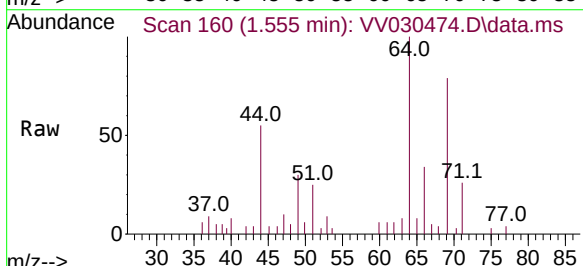
Acq: 10 Apr 2023 17:48

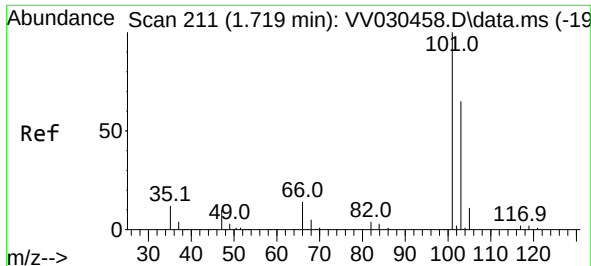
Tgt Ion: 64 Resp: 4439

Ion Ratio Lower Upper

64 100

66 33.6 23.0 42.8

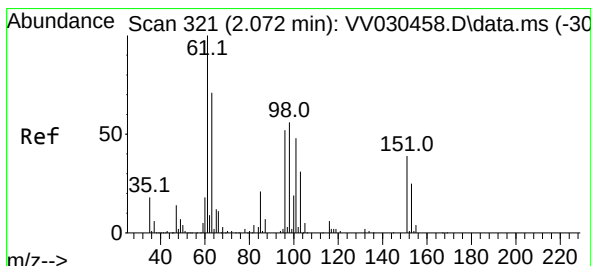
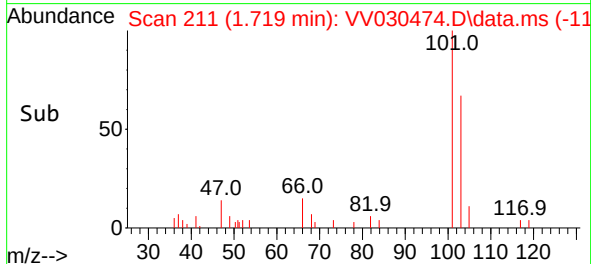
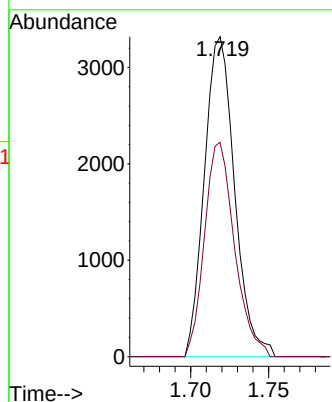
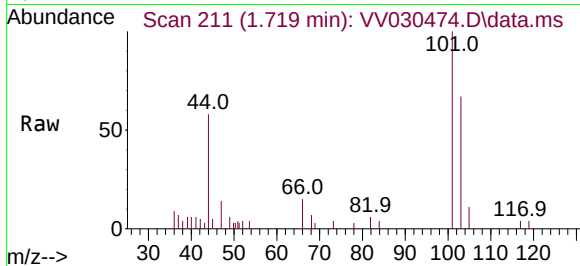




#9
 Trichlorofluoromethane
 Concen: 0.221 ug/L
 RT: 1.719 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VV030474.D
 Acq: 10 Apr 2023 17:48

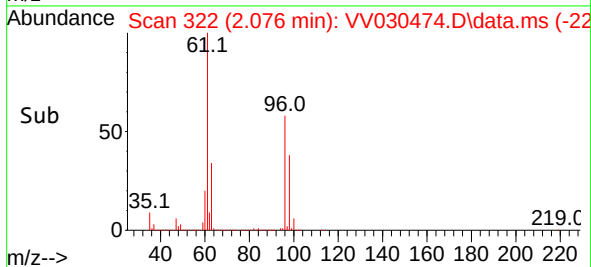
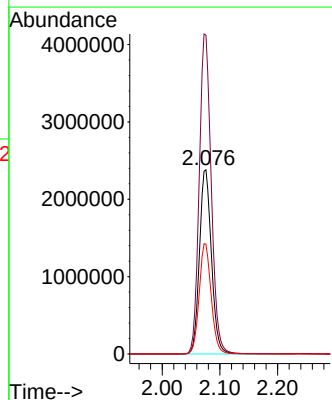
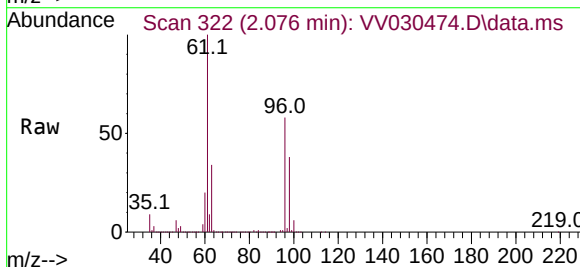
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA2

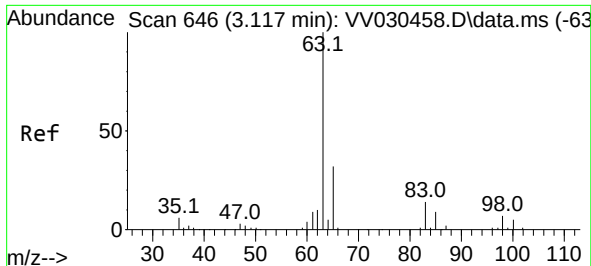
Tgt Ion:101 Resp: 4472
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.0 76.6



#12
 1,1-Dichloroethene
 Concen: 345.246 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. 0.003 min
 Lab File: VV030474.D
 Acq: 10 Apr 2023 17:48

Tgt Ion: 96 Resp: 3426355
 Ion Ratio Lower Upper
 96 100
 61 173.0 136.3 253.1
 63 59.6 92.1 171.1#





#19

1,1-Dichloroethane

Concen: 88.954 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV030474.D

Acq: 10 Apr 2023 17:48

Instrument :

MSVOA_V

ClientSampleId :

C0AA2

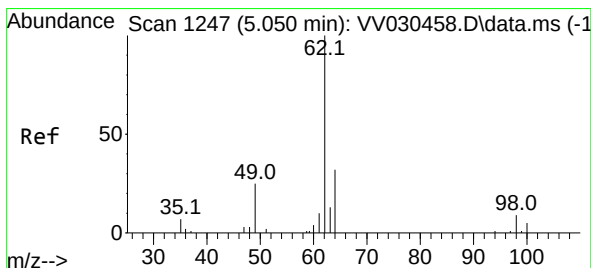
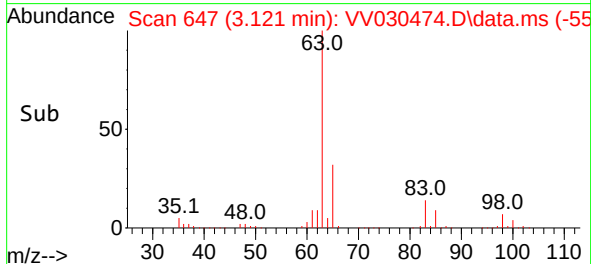
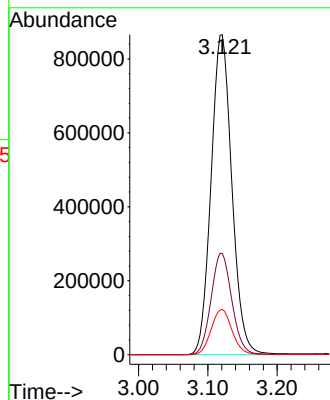
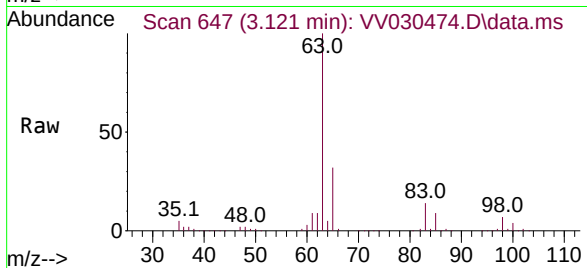
Tgt Ion: 63 Resp: 1803000

Ion Ratio Lower Upper

63 100

65 31.6 21.7 40.3

83 14.2 9.1 16.9



#27

1,2-Dichloroethane

Concen: 0.542 ug/L

RT: 5.063 min Scan# 1251

Delta R.T. 0.013 min

Lab File: VV030474.D

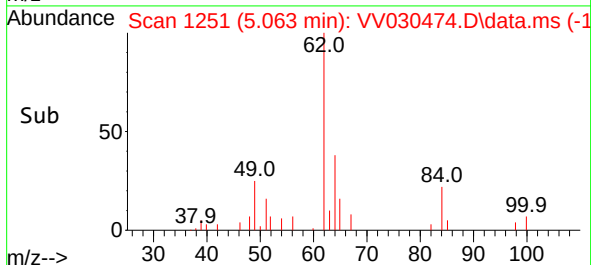
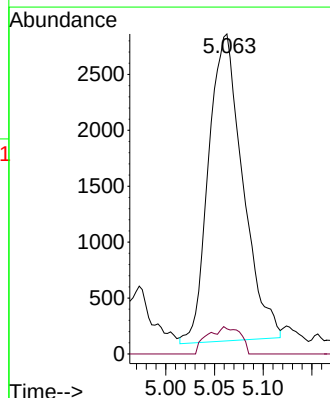
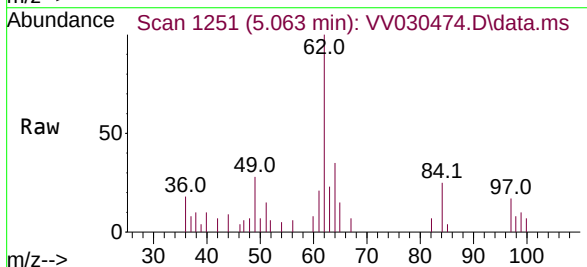
Acq: 10 Apr 2023 17:48

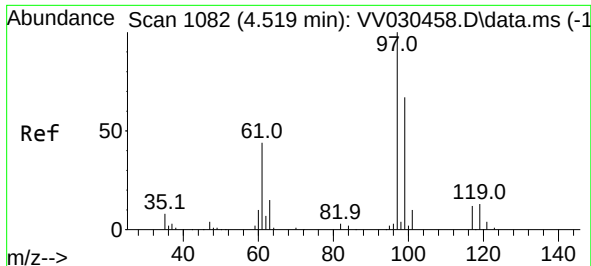
Tgt Ion: 62 Resp: 6718

Ion Ratio Lower Upper

62 100

98 7.9 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 958.982 ug/L

RT: 4.529 min Scan# 1085

Delta R.T. 0.010 min

Lab File: VV030474.D

Acq: 10 Apr 2023 17:48

Instrument :

MSVOA_V

ClientSampleId :

C0AA2

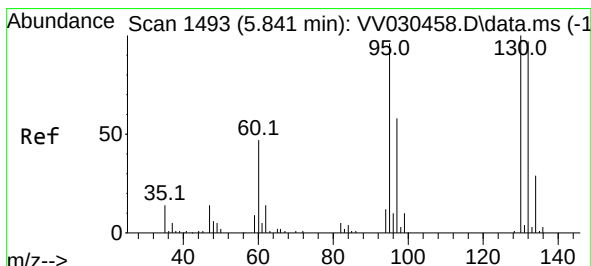
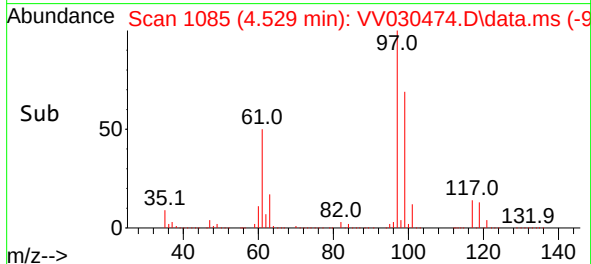
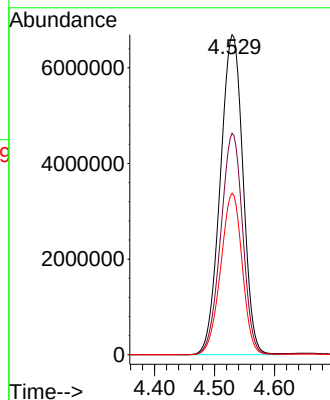
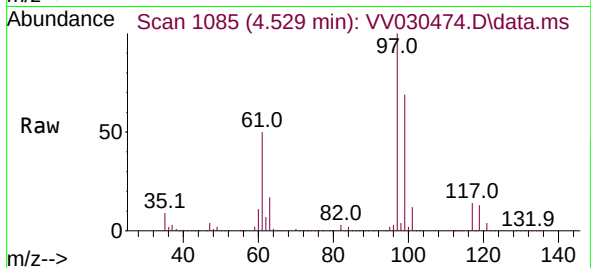
Tgt Ion: 97 Resp:17530025

Ion Ratio Lower Upper

97 100

99 67.1 50.9 76.3

61 48.0 35.9 53.9



#34

Trichloroethene

Concen: 6.177 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VV030474.D

Acq: 10 Apr 2023 17:48

Tgt Ion: 95 Resp: 67295

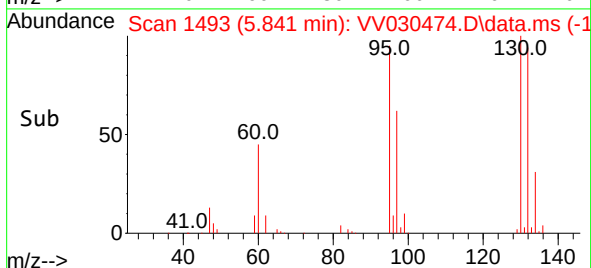
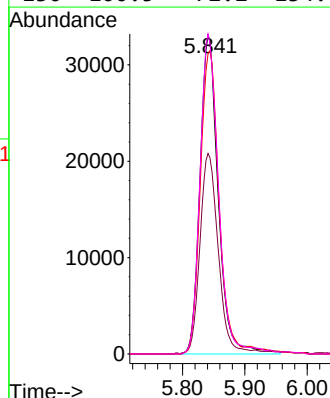
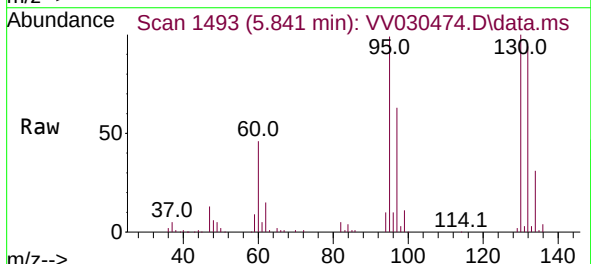
Ion Ratio Lower Upper

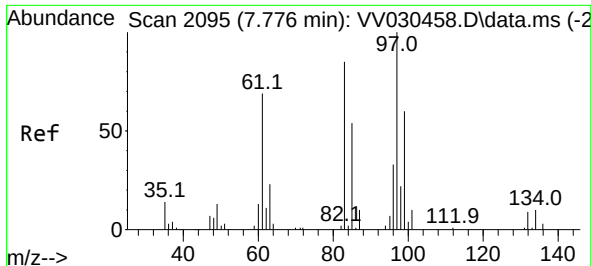
95 100

97 63.0 44.2 82.2

132 94.3 69.5 129.1

130 100.5 72.2 134.0

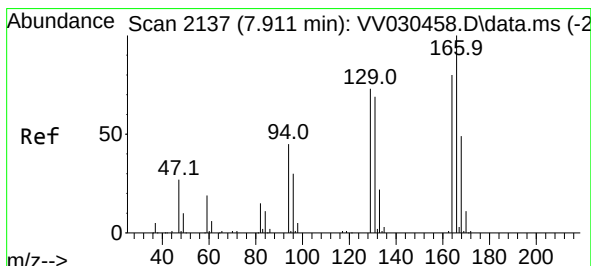
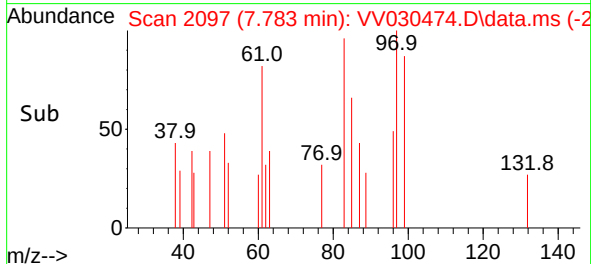
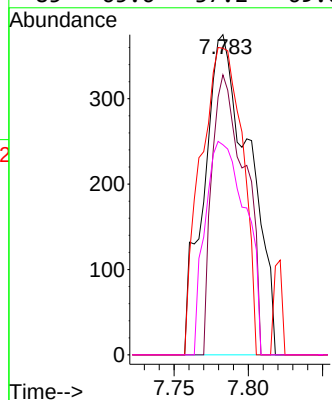
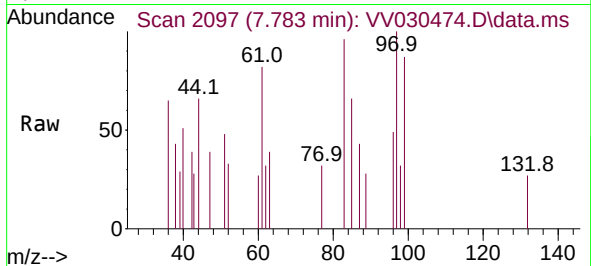




#45
1,1,2-Trichloroethane
Concen: 0.109 ug/L
RT: 7.783 min Scan# 2095
Delta R.T. 0.006 min
Lab File: VV030474.D
Acq: 10 Apr 2023 17:48

Instrument :
MSVOA_V
ClientSampleId :
C0AA2

Tgt Ion: 97	Resp: 795
Ion Ratio	Lower Upper
97 100	
99 87.5	44.0 81.8#
83 95.7	58.8 109.2
85 65.6	37.2 69.0



#47
Tetrachloroethene
Concen: 0.257 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030474.D
Acq: 10 Apr 2023 17:48

Tgt	Ion:164	Resp:	2474
Ion	Ratio	Lower	Upper
164	100		
129	92.4	60.8	112.8
131	76.3	61.7	114.7
166	104.9	85.6	159.0

