

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112022\
 Data File : VW029225.D
 Acq On : 20 Nov 2022 15:13
 Operator : SY/MD
 Sample : N5652-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 21 00:58:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 21 00:54:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	348705	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	316930	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	141993	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	96406	4.535	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.568	69	79957	4.278	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.105	63	127507	3.291	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.800%
20) 2-Butanone-d5	3.892	46	192330	54.046	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.100%
24) Chloroform-d	4.343	84	182377	4.179	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	5.027	65	84969	4.327	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	5.047	84	377572	3.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	6.066	67	114333	4.328	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.310	98	331822	3.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	7.622	79	34495	4.004	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.088	63	153577	41.761	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.520%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	80843	4.414	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	11.616	152	120609	4.748	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2408	0.100	ug/L	87
8) Chloroethane	1.455	64	30887	1.910	ug/L #	51
9) Trichlorofluoromethane	1.751	101	976831	26.327	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	15434	0.735	ug/L	96
12) 1,1-Dichloroethene	2.118	96	9988	0.473	ug/L #	1
17) Methyl tert-butyl Ether	2.764	73	44297	0.979	ug/L	98
19) 1,1-Dichloroethane	3.188	63	30905	0.772	ug/L	97
25) Chloroform	4.368	83	28798	0.686	ug/L	98
29) 1,1,1-Trichloroethane	4.600	97	9344	0.251	ug/L	100
31) Carbon tetrachloride	4.603	117	1372	0.043	ug/L	86
34) Trichloroethene	5.921	95	13813	0.557	ug/L	94
35) Methylcyclohexane	6.063	83	27742	0.637	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	11491	0.515	ug/L #	85
38) Bromodichloromethane	6.513	83	2633	0.093	ug/L #	88
47) Tetrachloroethene	7.976	164	1760	0.089	ug/L	79
61) 1,2,3-Trichloropropane	11.239	75	14222	1.466	ug/L #	65

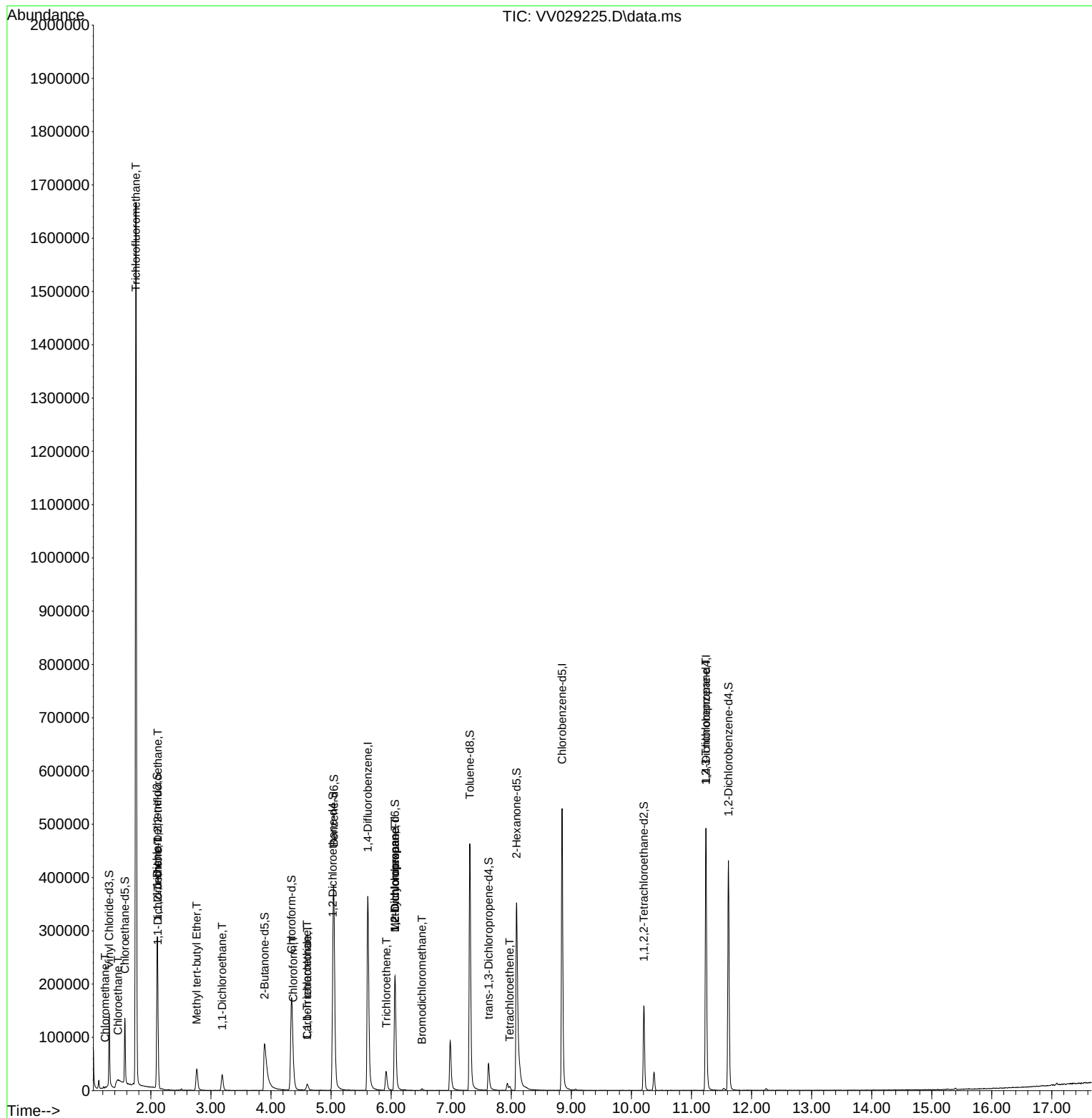
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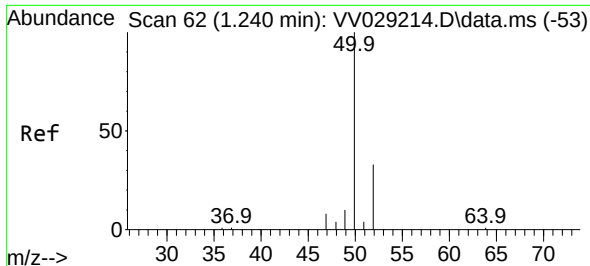
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112022\
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QLast Update : Mon Nov 21 00:54:18 2022
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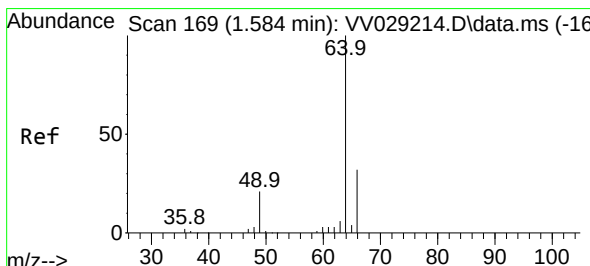
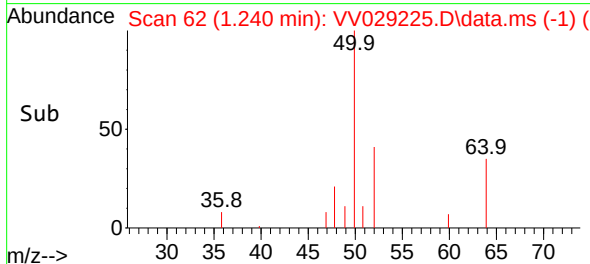
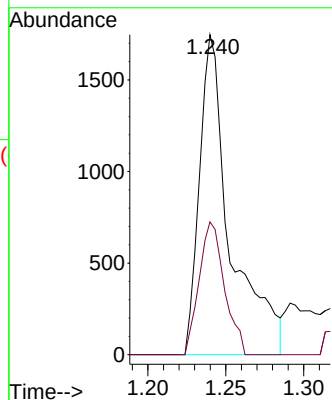
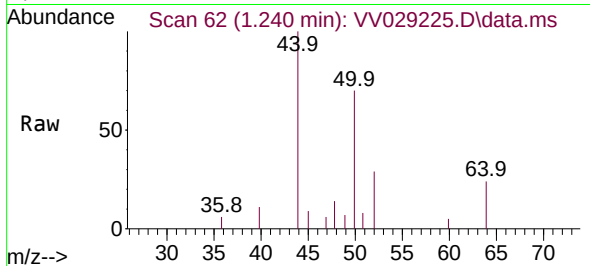




#3
Chloromethane
Concen: 0.100 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029225.D
Acq: 20 Nov 2022 15:13

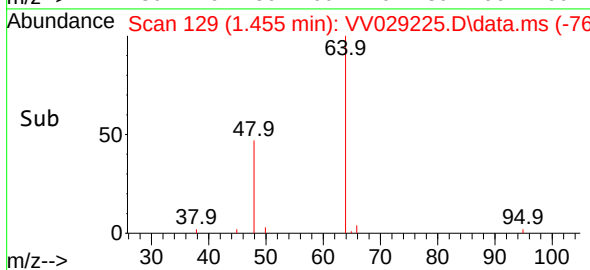
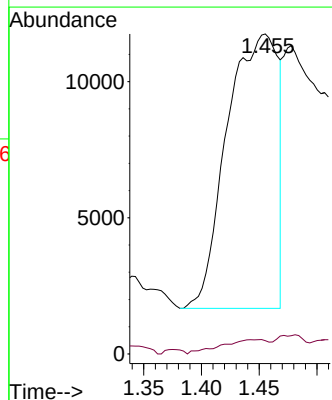
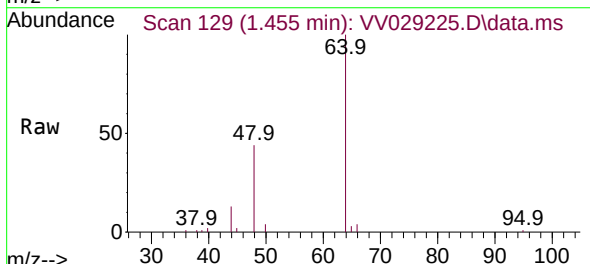
Instrument :
MSVOA_V
ClientSampleId :

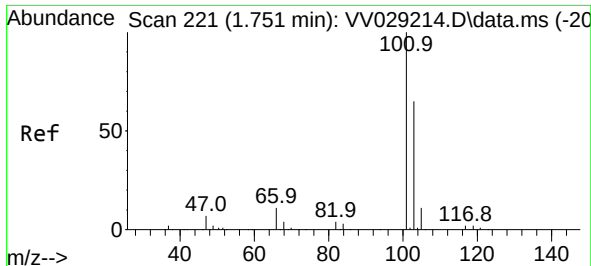
Tgt Ion: 50 Resp: 2408
Ion Ratio Lower Upper
50 100
52 41.5 23.7 43.9



#8
Chloroethane
Concen: 1.910 ug/L
RT: 1.455 min Scan# 129
Delta R.T. -0.129 min
Lab File: VV029225.D
Acq: 20 Nov 2022 15:13

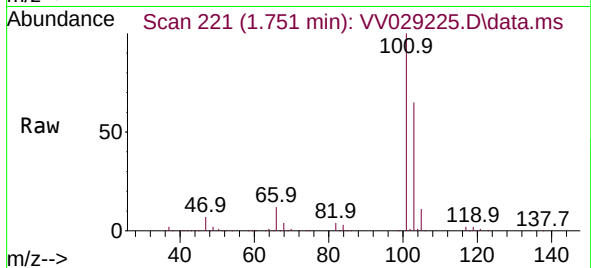
Tgt Ion: 64 Resp: 30887
Ion Ratio Lower Upper
64 100
66 4.2 22.0 40.8#



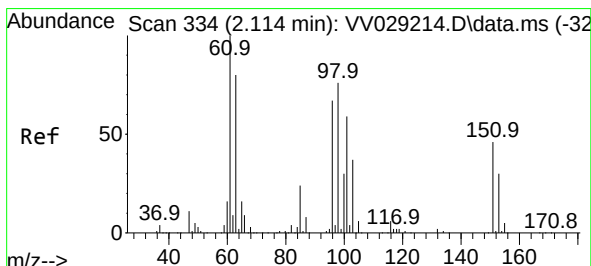
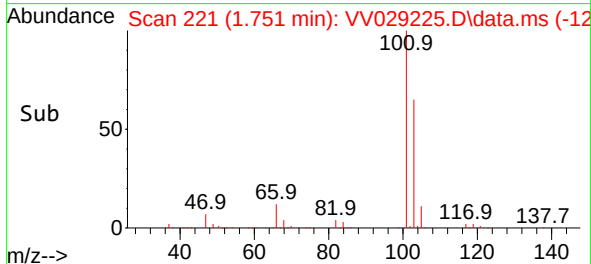
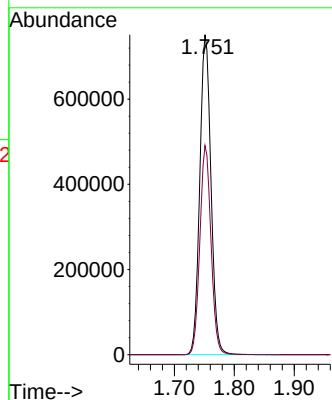


#9
 Trichlorofluoromethane
 Concen: 26.327 ug/L
 RT: 1.751 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029225.D
 Acq: 20 Nov 2022 15:13

Instrument :
 MSVOA_V
 ClientSampleId :

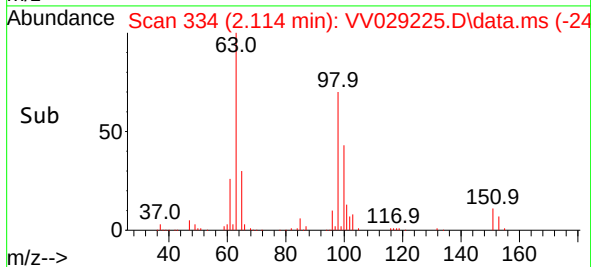
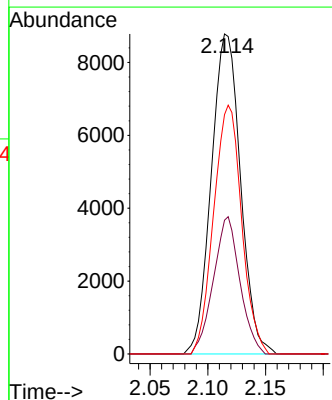
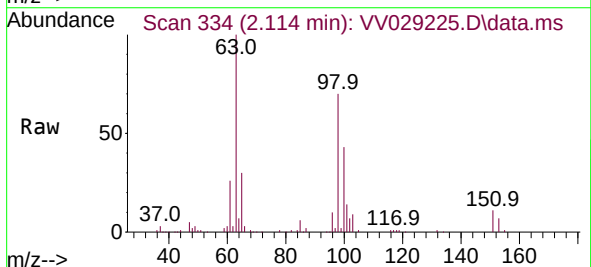


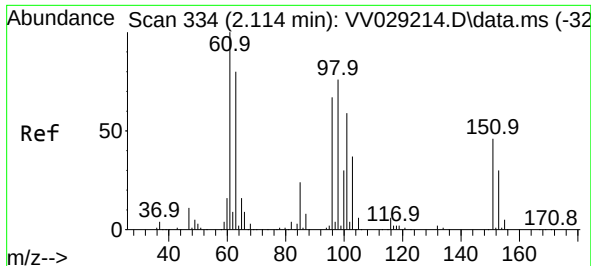
Tgt Ion:101 Resp: 976831
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.3 76.9



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.735 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV029225.D
 Acq: 20 Nov 2022 15:13

Tgt Ion:101 Resp: 15434
 Ion Ratio Lower Upper
 101 100
 85 38.9 32.9 49.3
 151 74.4 62.5 93.7





#12

1,1-Dichloroethene

Concen: 0.473 ug/L

RT: 2.118 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV029225.D

Acq: 20 Nov 2022 15:13

Instrument :

MSVOA_V

ClientSampleId :

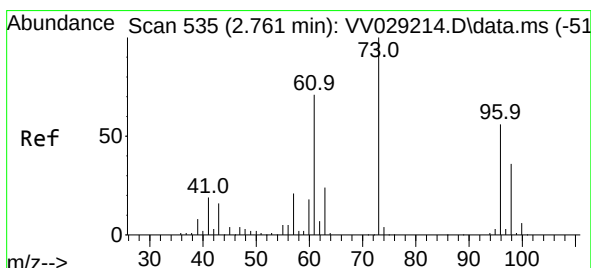
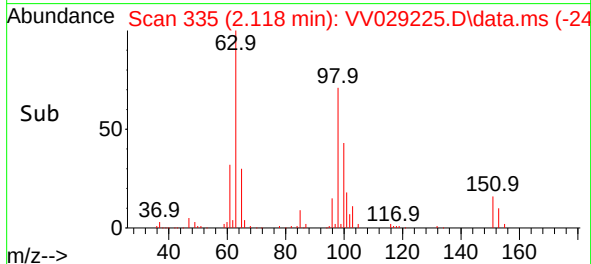
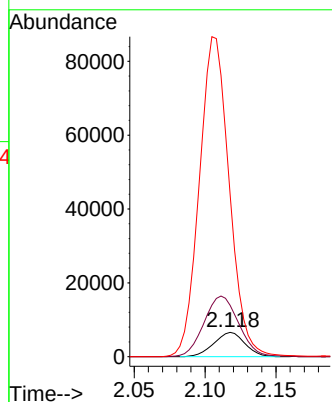
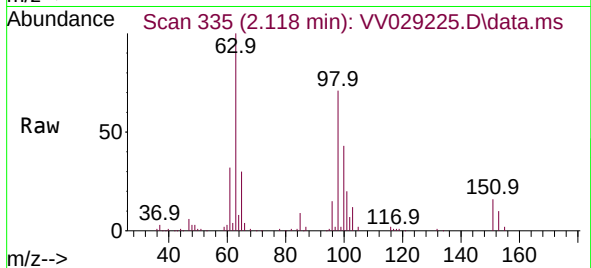
Tgt Ion: 96 Resp: 9988

Ion Ratio Lower Upper

96 100

61 211.0 104.2 193.4#

63 666.0 75.9 140.9#



#17

Methyl tert-butyl Ether

Concen: 0.979 ug/L

RT: 2.764 min Scan# 536

Delta R.T. 0.003 min

Lab File: VV029225.D

Acq: 20 Nov 2022 15:13

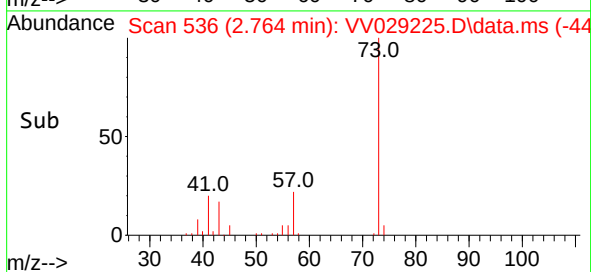
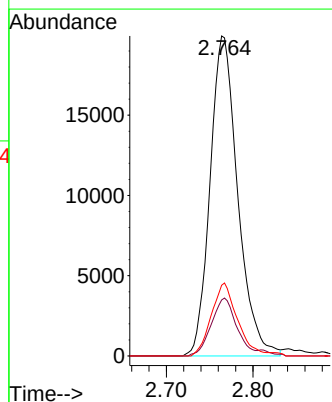
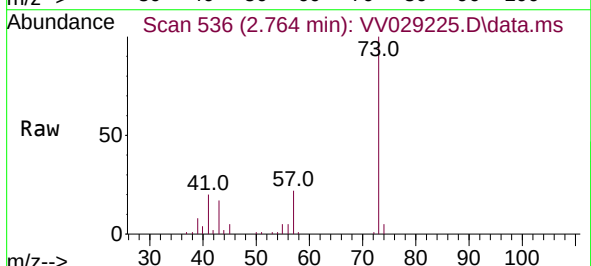
Tgt Ion: 73 Resp: 44297

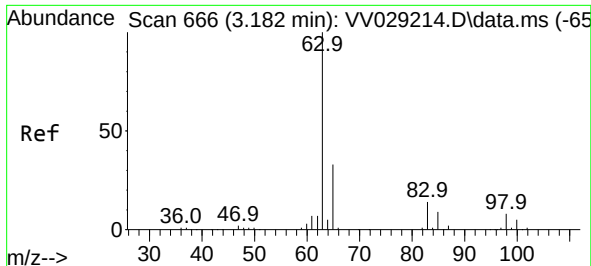
Ion Ratio Lower Upper

73 100

43 16.6 13.0 19.4

57 21.8 16.6 24.8





#19

1,1-Dichloroethane

Concen: 0.772 ug/L

RT: 3.188 min Scan# 60

Delta R.T. 0.006 min

Lab File: VV029225.D

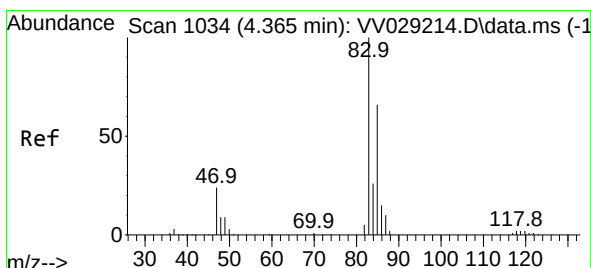
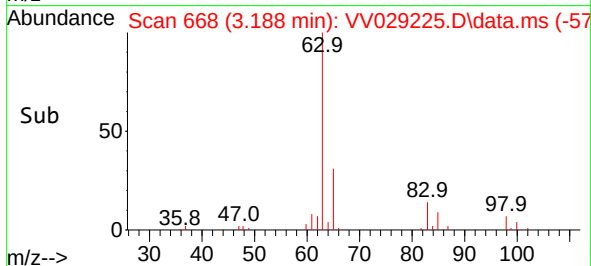
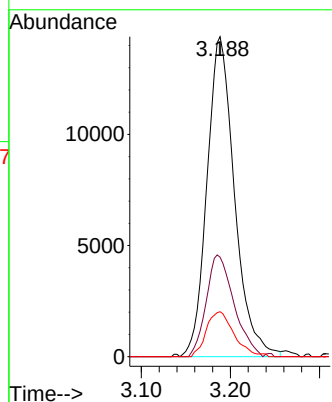
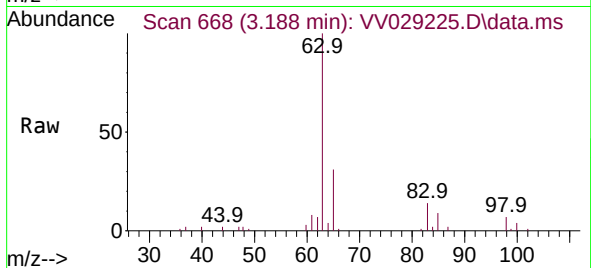
Acq: 20 Nov 2022 15:13

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	30905
Ion	Ratio	Lower	Upper
63	100		
65	31.1	23.0	42.6
83	14.0	9.4	17.6



#25

Chloroform

Concen: 0.686 ug/L

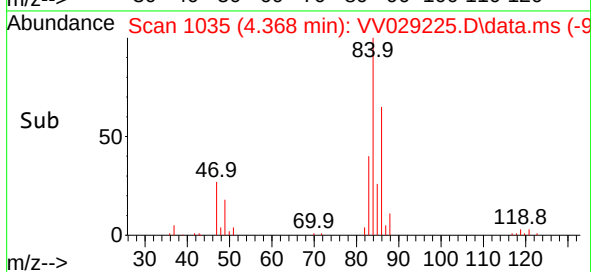
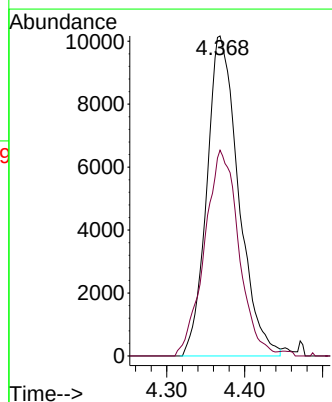
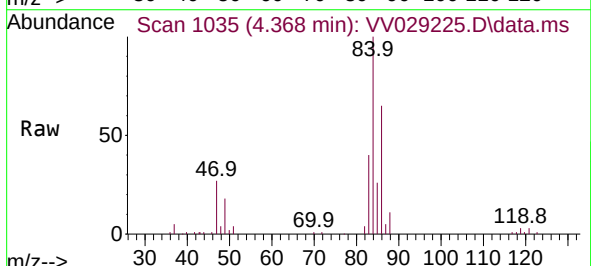
RT: 4.368 min Scan# 1035

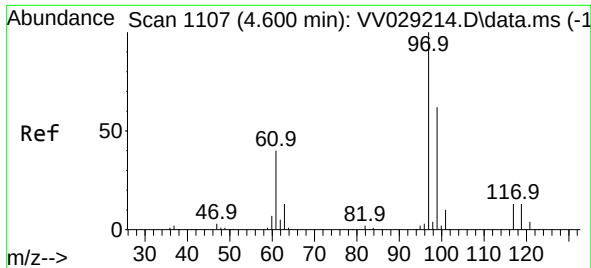
Delta R.T. 0.003 min

Lab File: VV029225.D

Acq: 20 Nov 2022 15:13

Tgt Ion:	83	Resp:	28798
Ion	Ratio	Lower	Upper
83	100		
85	64.3	43.7	81.1





#29

1,1,1-Trichloroethane

Concen: 0.251 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV029225.D

Acq: 20 Nov 2022 15:13

Instrument :

MSVOA_V

ClientSampleId :

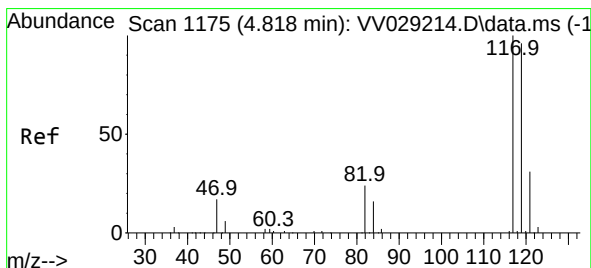
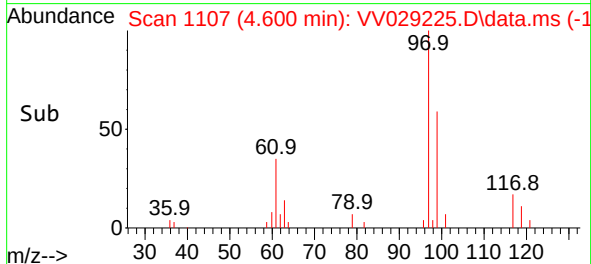
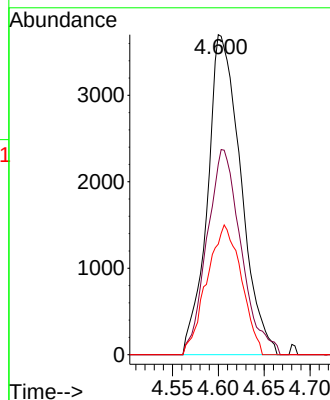
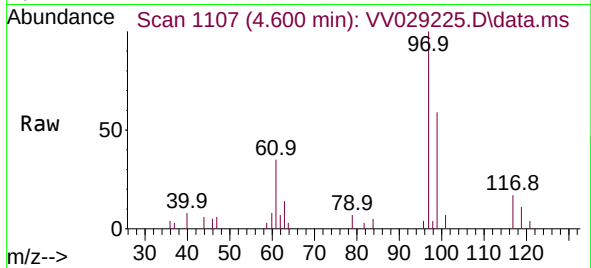
Tgt Ion: 97 Resp: 9344

Ion Ratio Lower Upper

97 100

99 65.5 52.7 79.1

61 42.0 33.8 50.6



#31

Carbon tetrachloride

Concen: 0.043 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.215 min

Lab File: VV029225.D

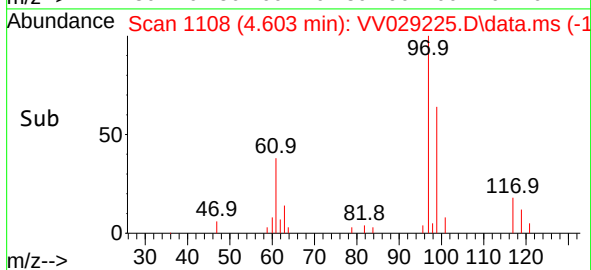
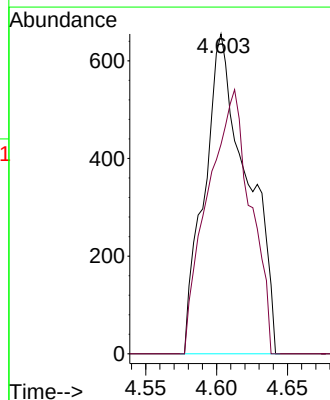
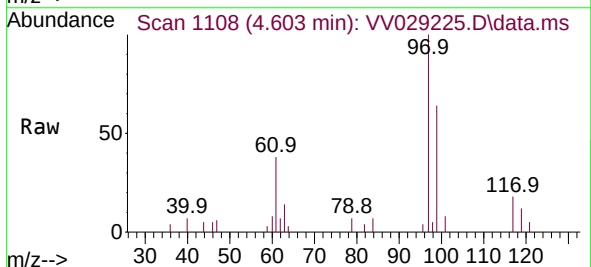
Acq: 20 Nov 2022 15:13

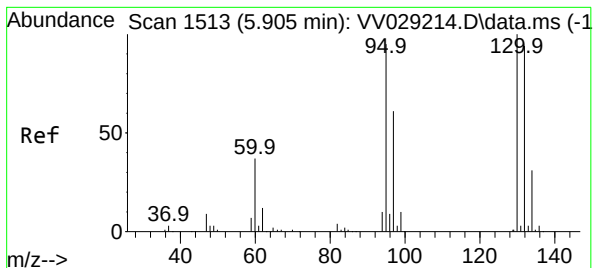
Tgt Ion: 117 Resp: 1372

Ion Ratio Lower Upper

117 100

119 82.8 77.0 115.6





#34

Trichloroethene

Concen: 0.557 ug/L

RT: 5.921 min Scan# 1

Delta R.T. 0.016 min

Lab File: VV029225.D

Acq: 20 Nov 2022 15:13

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 13813

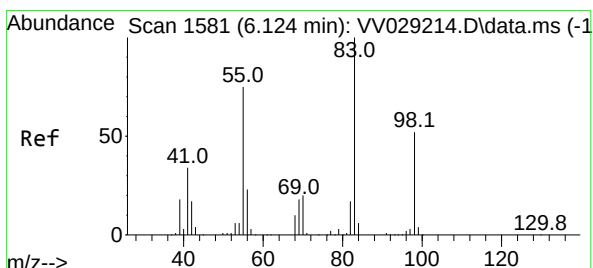
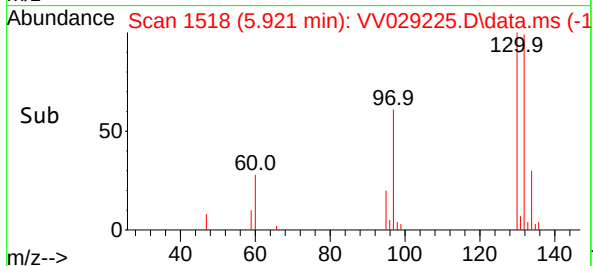
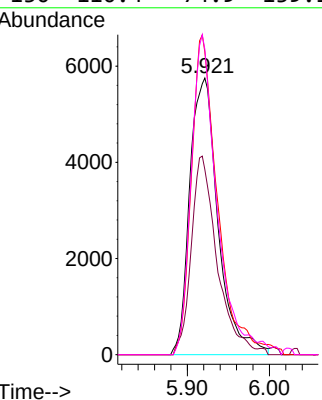
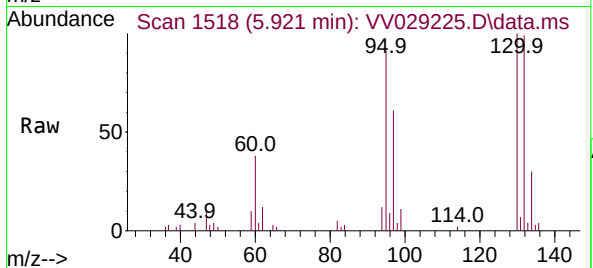
Ion Ratio Lower Upper

95 100

97 66.9 45.6 84.8

132 109.4 69.1 128.3

130 110.4 74.9 139.1



#35

Methylcyclohexane

Concen: 0.637 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.061 min

Lab File: VV029225.D

Acq: 20 Nov 2022 15:13

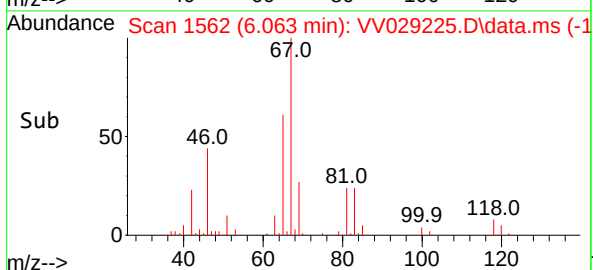
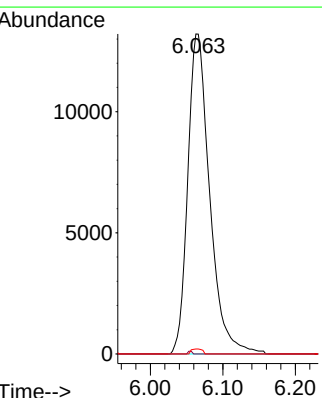
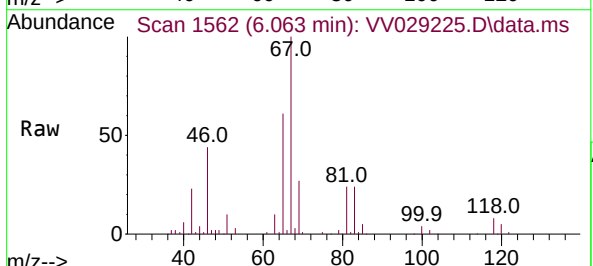
Tgt Ion: 83 Resp: 27742

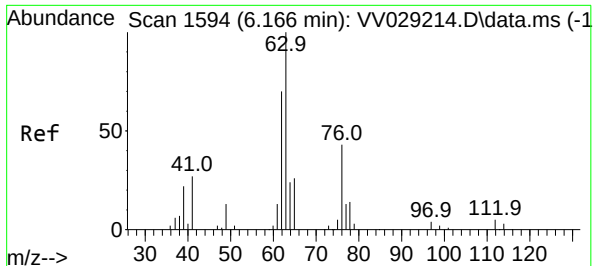
Ion Ratio Lower Upper

83 100

55 0.2 55.8 83.6#

98 0.8 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.515 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV029225.D

Acq: 20 Nov 2022 15:13

Instrument :

MSVOA_V

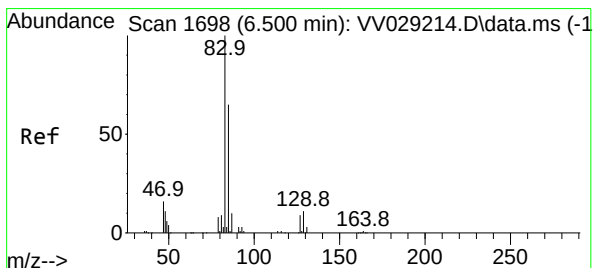
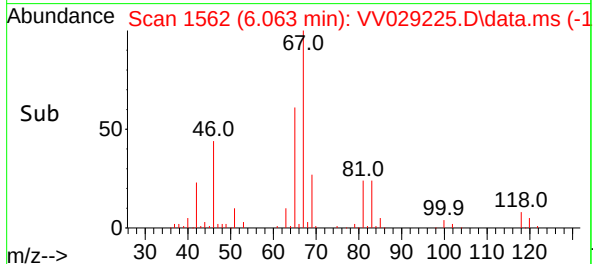
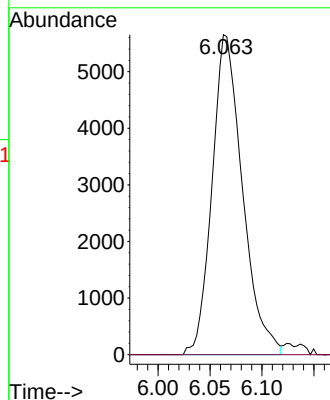
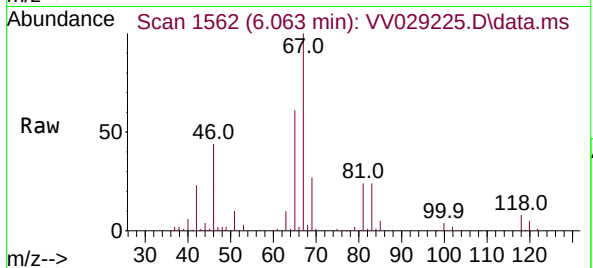
ClientSampleId :

Tgt Ion: 63 Resp: 11491

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#38

Bromodichloromethane

Concen: 0.093 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.013 min

Lab File: VV029225.D

Acq: 20 Nov 2022 15:13

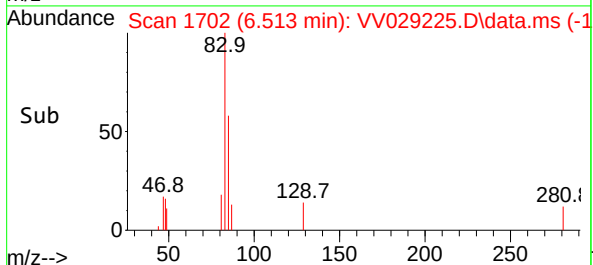
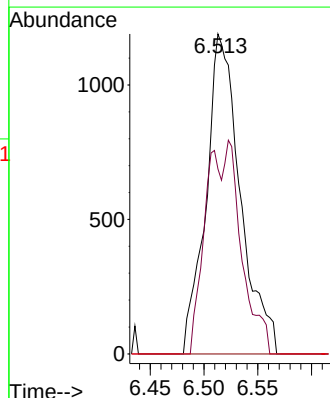
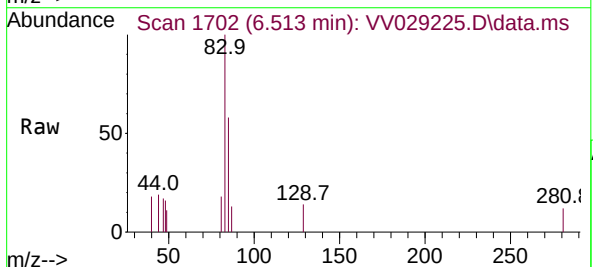
Tgt Ion: 83 Resp: 2633

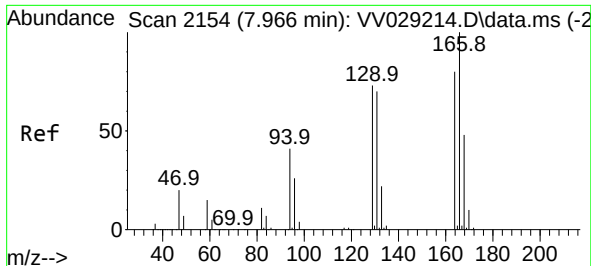
Ion Ratio Lower Upper

83 100

85 57.8 46.1 85.5

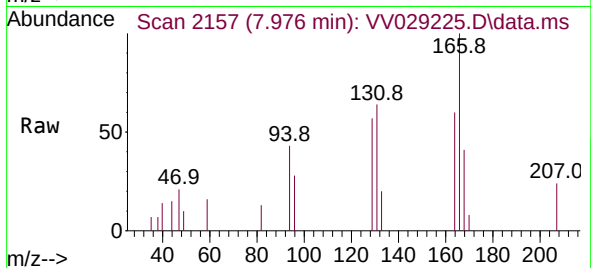
127 0.0 6.7 10.1#



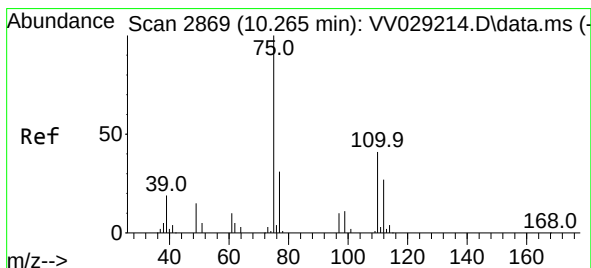
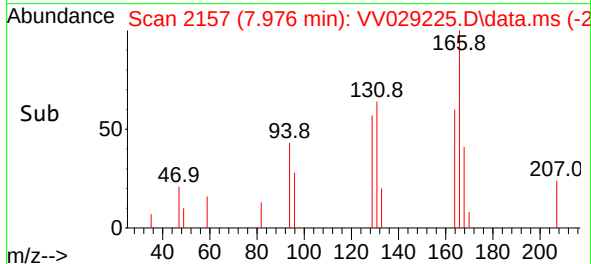
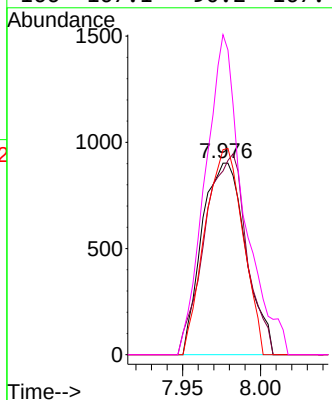


#47
Tetrachloroethene
Concen: 0.089 ug/L
RT: 7.976 min Scan# 2154
Delta R.T. 0.010 min
Lab File: VV029225.D
Acq: 20 Nov 2022 15:13

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 1760
Ion Ratio Lower Upper
164 100
129 95.9 63.9 118.7
131 107.0 61.8 114.8
166 167.1 90.2 167.4



#61
1,2,3-Trichloropropane
Concen: 1.466 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.974 min
Lab File: VV029225.D
Acq: 20 Nov 2022 15:13

Tgt Ion: 75 Resp: 14222
Ion Ratio Lower Upper
75 100
77 31.4 26.2 39.2
110 2.3 32.6 48.8#

