

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061622\
 Data File : VU049224.D
 Acq On : 16 Jun 2022 23:08
 Operator : SY/MD
 Sample : N3320-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGJ78

Quant Time: Jun 17 02:35:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 02:27:54 2022
 Response via : Initial Calibration

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

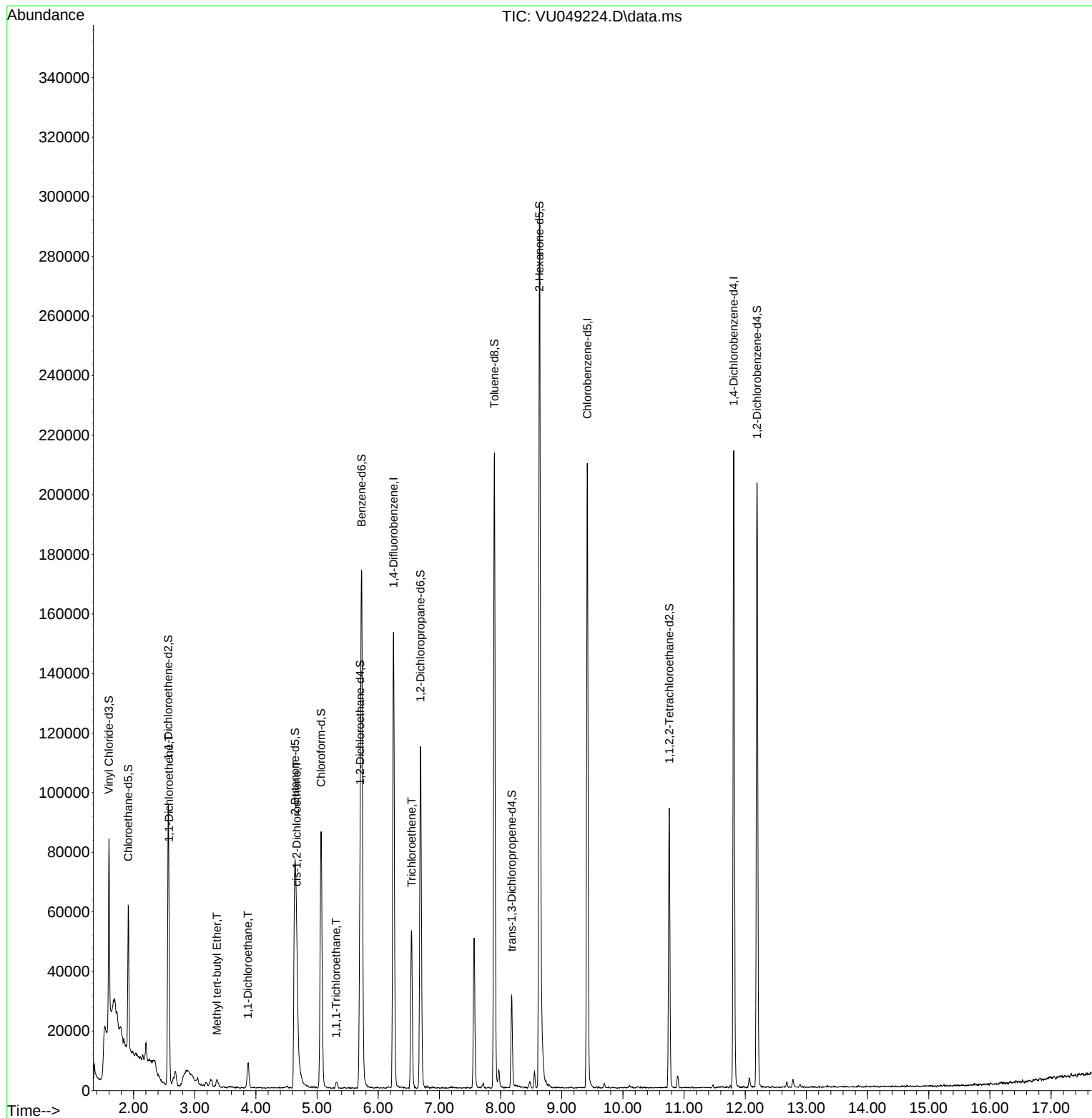
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	123774	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	112687	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	54699	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	41000	3.791	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.912	69	32776	4.476	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.568	65	16528	3.799	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	4.639	46	149541	51.785	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.580%
24) Chloroform-d	5.066	84	79834	4.705	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.703	65	45350	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.729	84	157893	4.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.690	67	55352	4.804	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.899	98	139486	4.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.182	79	18137	3.543	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.800%
46) 2-Hexanone-d5	8.635	63	102631	49.704	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.400%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46943	5.089	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	51854	4.940	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	4775	0.686	ug/L #	1
17) Methyl tert-butyl Ether	3.362	73	2620	0.124	ug/L #	93
19) 1,1-Dichloroethane	3.870	63	10245	0.674	ug/L	92
22) cis-1,2-Dichloroethene	4.668	96	9544	1.107	ug/L	97
29) 1,1,1-Trichloroethane	5.311	97	2006	0.149	ug/L	88
34) Trichloroethene	6.546	95	18595	2.169	ug/L	97

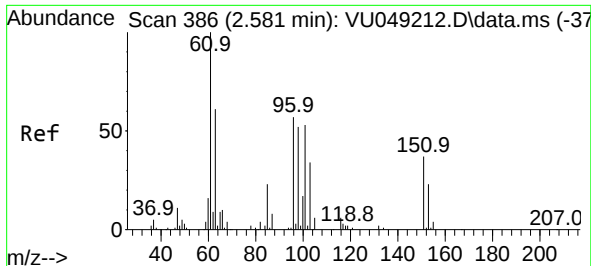
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061622\
Data File : VU049224.D
Acq On : 16 Jun 2022 23:08
Operator : SY/MD
Sample : N3320-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGJ78

Quant Time: Jun 17 02:35:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 17 02:27:54 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.686 ug/L

RT: 2.578 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049224.D

Acq: 16 Jun 2022 23:08

Instrument :

MSVOA_U

ClientSampleId :

BGJ78

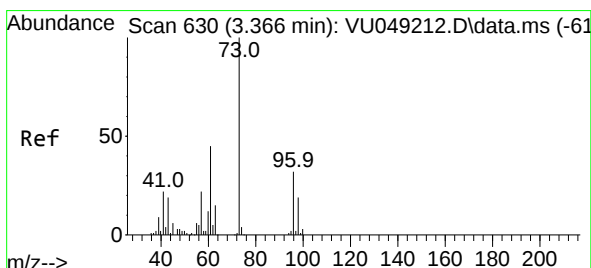
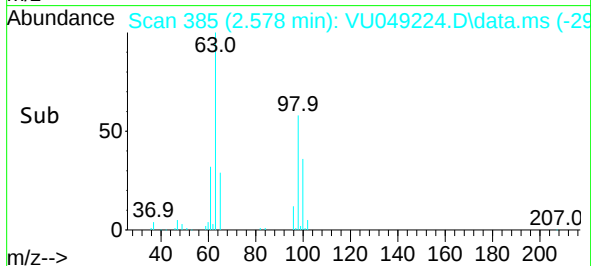
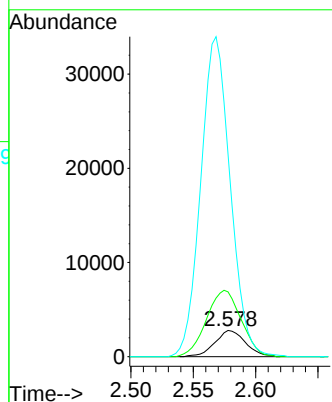
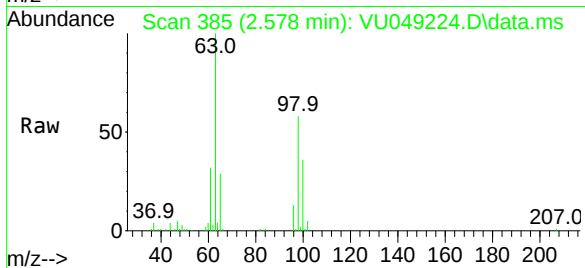
Tgt Ion: 96 Resp: 4775

Ion Ratio Lower Upper

96 100

61 247.4 127.2 236.2#

63 772.4 94.7 175.9#



#17

Methyl tert-butyl Ether

Concen: 0.124 ug/L

RT: 3.362 min Scan# 629

Delta R.T. -0.003 min

Lab File: VU049224.D

Acq: 16 Jun 2022 23:08

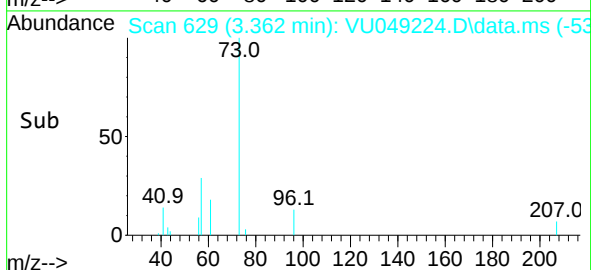
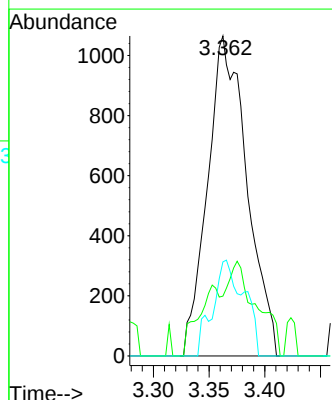
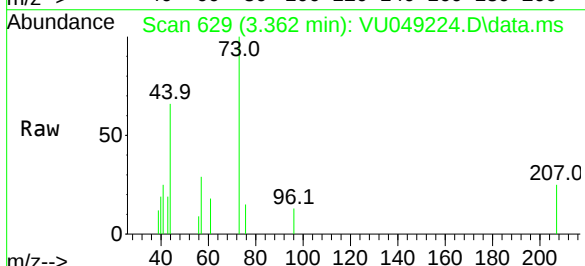
Tgt Ion: 73 Resp: 2620

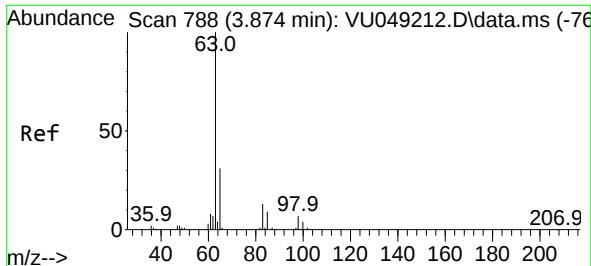
Ion Ratio Lower Upper

73 100

43 21.9 16.5 24.7

57 18.3 18.6 27.8#





#19

1,1-Dichloroethane

Concen: 0.674 ug/L

RT: 3.870 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU049224.D

Acq: 16 Jun 2022 23:08

Instrument :

MSVOA_U

ClientSampleId :

BGJ78

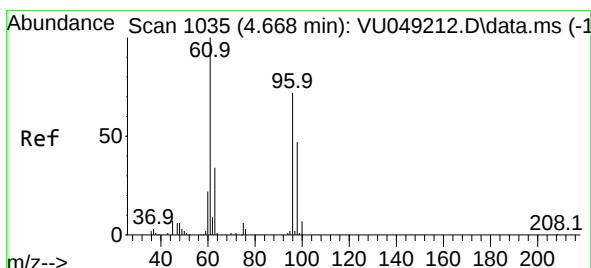
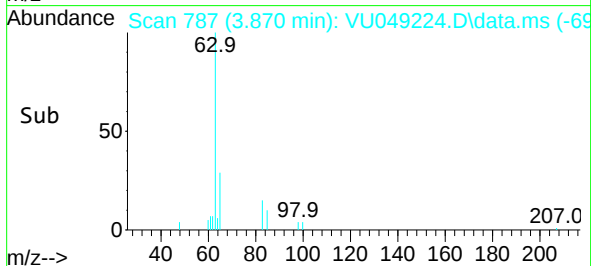
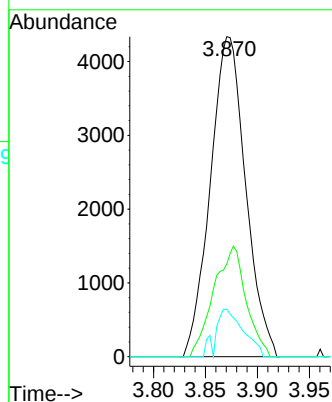
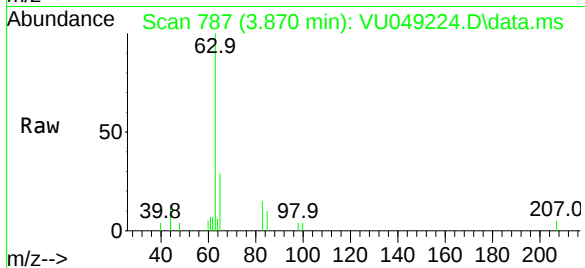
Tgt Ion: 63 Resp: 10245

Ion Ratio Lower Upper

63 100

65 28.9 24.0 44.6

83 14.8 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 1.107 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU049224.D

Acq: 16 Jun 2022 23:08

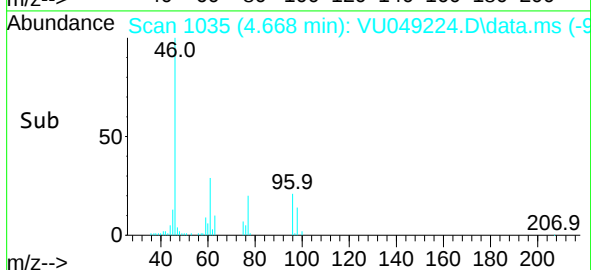
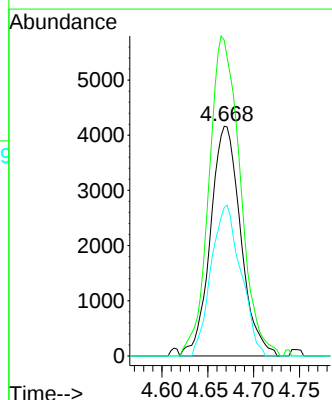
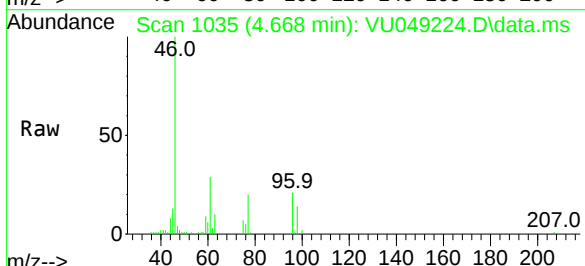
Tgt Ion: 96 Resp: 9544

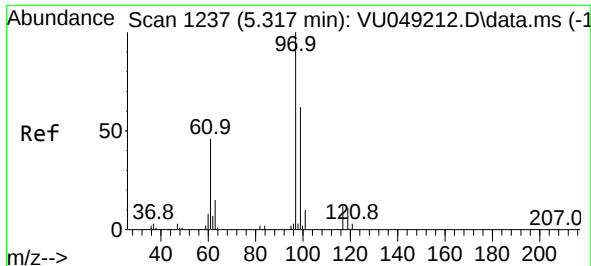
Ion Ratio Lower Upper

96 100

61 137.4 99.5 184.9

98 64.5 44.8 83.2





#29

1,1,1-Trichloroethane

Concen: 0.149 ug/L

RT: 5.311 min Scan# 11

Delta R.T. -0.007 min

Lab File: VU049224.D

Acq: 16 Jun 2022 23:08

Instrument :

MSVOA_U

ClientSampleId :

BGJ78

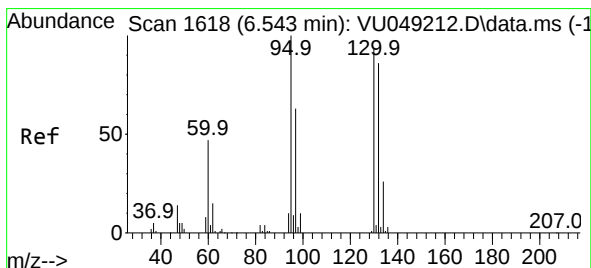
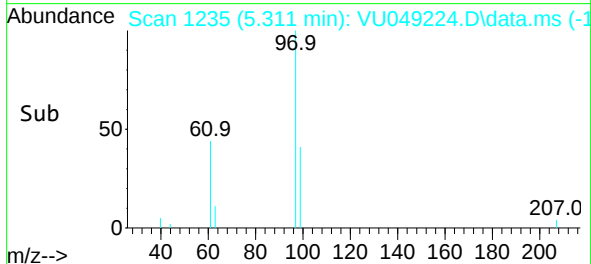
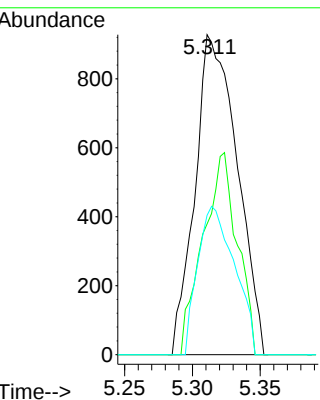
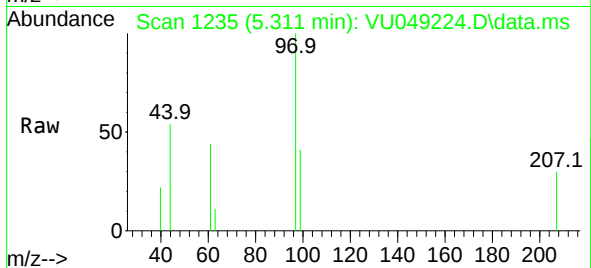
Tgt Ion: 97 Resp: 2006

Ion Ratio Lower Upper

97 100

99 51.3 51.0 76.4

61 40.5 36.2 54.4



#34

Trichloroethene

Concen: 2.169 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.003 min

Lab File: VU049224.D

Acq: 16 Jun 2022 23:08

Tgt Ion: 95 Resp: 18595

Ion Ratio Lower Upper

95 100

97 62.7 45.3 84.1

132 92.8 61.5 114.3

130 93.0 65.6 121.8

