

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111422\
 Data File : VU051849.D
 Acq On : 14 Nov 2022 21:19
 Operator : JC/MD
 Sample : N5592-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB4

Quant Time: Nov 15 03:06:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 03:00:15 2022
 Response via : Initial Calibration

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

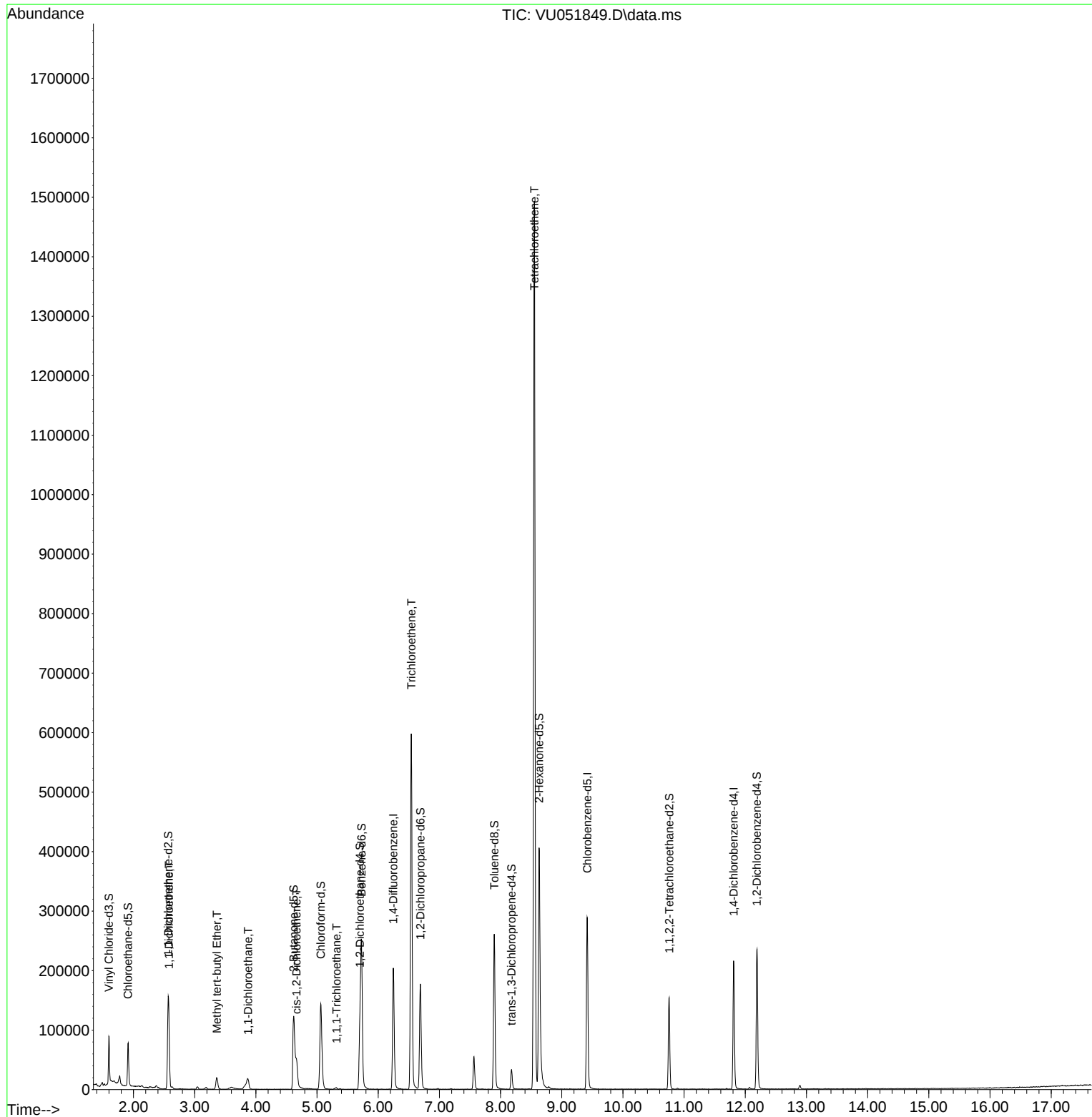
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	167263	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	172859	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	59408	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	55823	4.431	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.910	69	55656	4.236	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.565	65	23354	5.108	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.200%
20) 2-Butanone-d5	4.617	46	181409	39.763	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.520%
24) Chloroform-d	5.061	84	133495	4.529	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.700	65	69330	4.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	5.726	84	247611	4.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.688	67	87420	4.583	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.896	98	184885	4.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.176	79	20372	3.493	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.800%
46) 2-Hexanone-d5	8.630	63	130280	37.107	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.220%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	80995	4.634	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	66140	6.066	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.400%#
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	23200	1.596	ug/L #	43
17) Methyl tert-butyl Ether	3.363	73	19953	0.598	ug/L	99
19) 1,1-Dichloroethane	3.871	63	10468	0.364	ug/L	93
22) cis-1,2-Dichloroethene	4.662	96	20164	1.168	ug/L	95
29) 1,1,1-Trichloroethane	5.318	97	1826	0.078	ug/L #	83
34) Trichloroethene	6.540	95	209828	12.746	ug/L	95
47) Tetrachloroethene	8.552	164	342159	27.138	ug/L	95

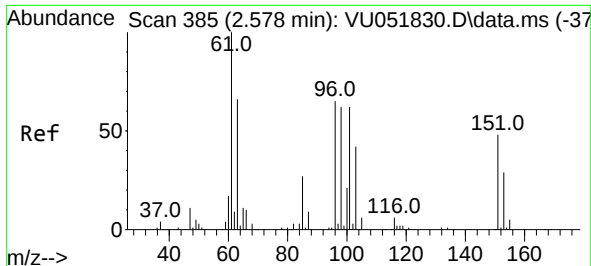
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111422\
Data File : VU051849.D
Acq On : 14 Nov 2022 21:19
Operator : JC/MD
Sample : N5592-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AB4

Quant Time: Nov 15 03:06:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 15 03:00:15 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.596 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU051849.D

Acq: 14 Nov 2022 21:19

Instrument :

MSVOA_U

ClientSampleId :

H0AB4

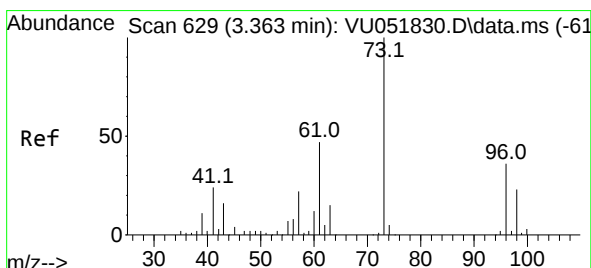
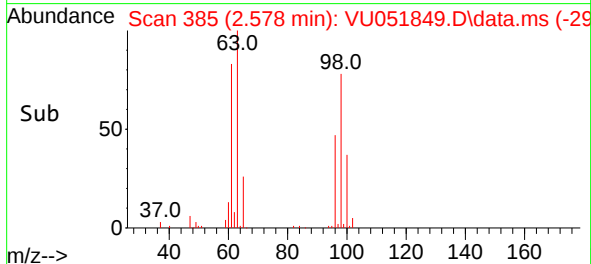
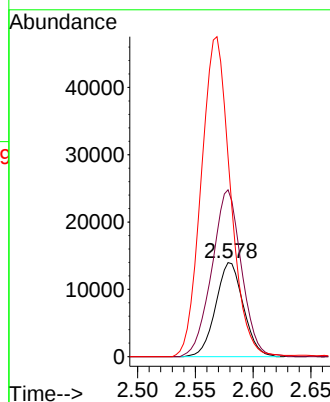
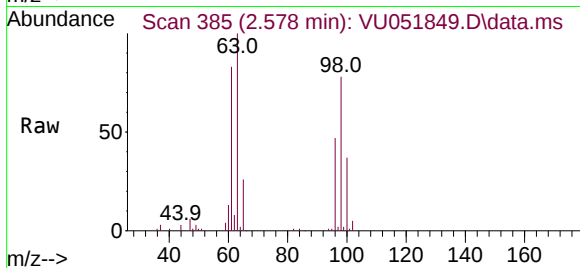
Tgt Ion: 96 Resp: 23200

Ion Ratio Lower Upper

96 100

61 177.3 108.8 202.0

63 212.5 64.9 120.5#



#17

Methyl tert-butyl Ether

Concen: 0.598 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.000 min

Lab File: VU051849.D

Acq: 14 Nov 2022 21:19

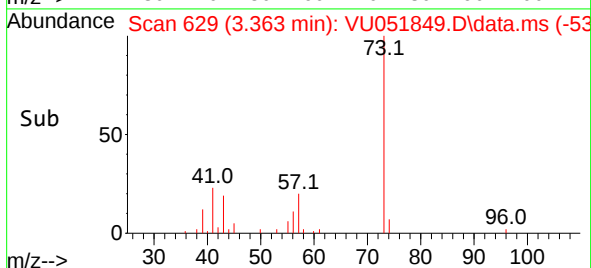
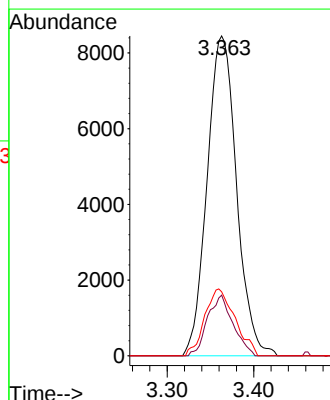
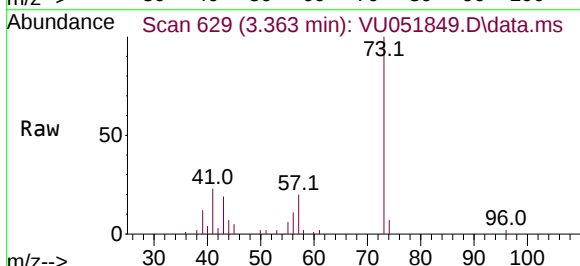
Tgt Ion: 73 Resp: 19953

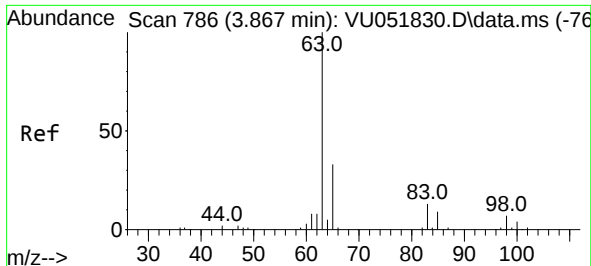
Ion Ratio Lower Upper

73 100

43 16.5 13.6 20.4

57 21.5 17.5 26.3





#19

1,1-Dichloroethane

Concen: 0.364 ug/L

RT: 3.871 min Scan# 786

Delta R.T. 0.004 min

Lab File: VU051849.D

Acq: 14 Nov 2022 21:19

Instrument :

MSVOA_U

ClientSampleId :

H0AB4

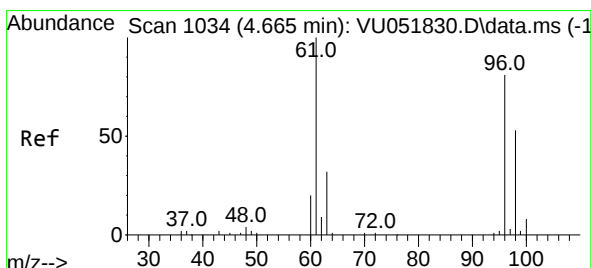
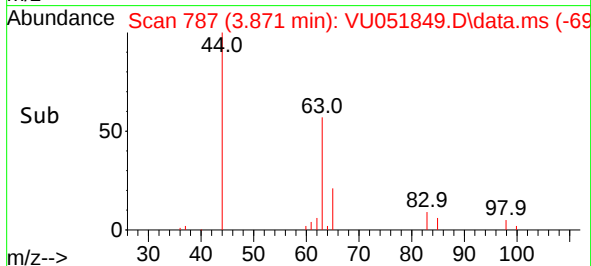
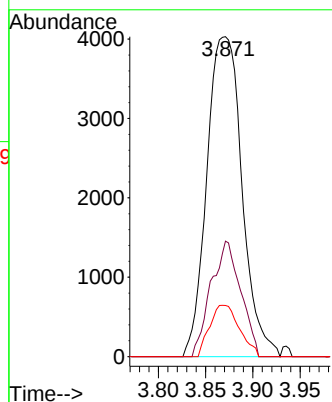
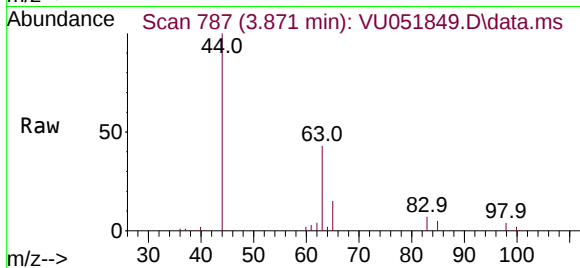
Tgt Ion: 63 Resp: 10468

Ion Ratio Lower Upper

63 100

65 36.1 22.7 42.1

83 16.0 9.2 17.0



#22

cis-1,2-Dichloroethene

Concen: 1.168 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU051849.D

Acq: 14 Nov 2022 21:19

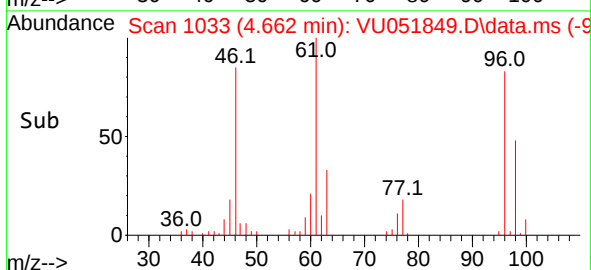
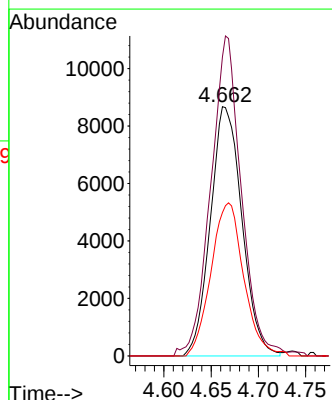
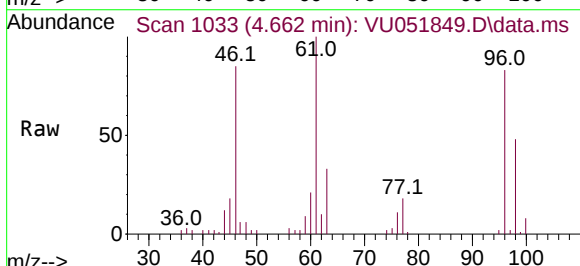
Tgt Ion: 96 Resp: 20164

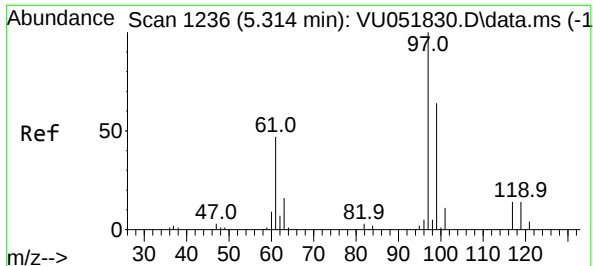
Ion Ratio Lower Upper

96 100

61 119.9 86.4 160.4

98 57.5 44.2 82.2





#29

1,1,1-Trichloroethane

Concen: 0.078 ug/L

RT: 5.318 min Scan# 11

Delta R.T. 0.004 min

Lab File: VU051849.D

Acq: 14 Nov 2022 21:19

Instrument :

MSVOA_U

ClientSampleId :

H0AB4

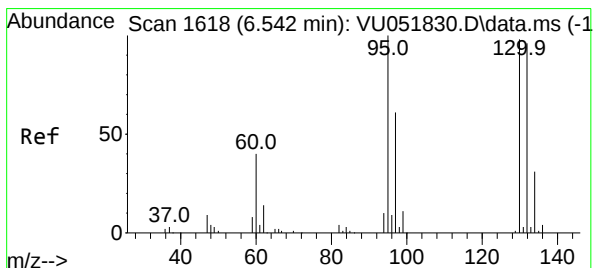
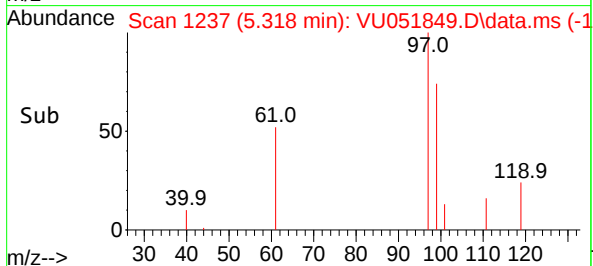
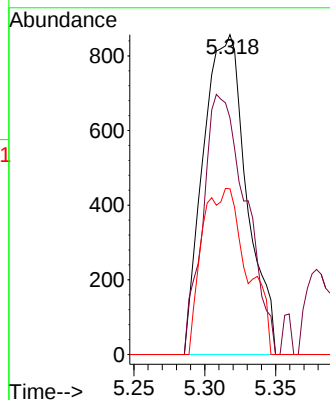
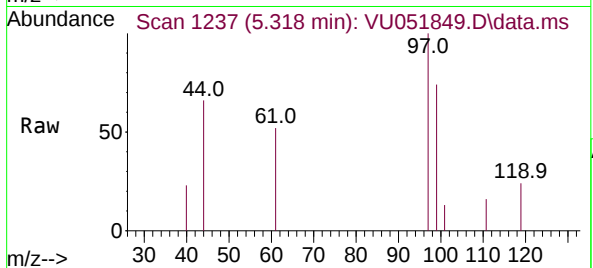
Tgt Ion: 97 Resp: 1826

Ion Ratio Lower Upper

97 100

99 80.5 51.1 76.7#

61 53.8 37.4 56.0



#34

Trichloroethene

Concen: 12.746 ug/L

RT: 6.540 min Scan# 1617

Delta R.T. -0.003 min

Lab File: VU051849.D

Acq: 14 Nov 2022 21:19

Tgt Ion: 95 Resp: 209828

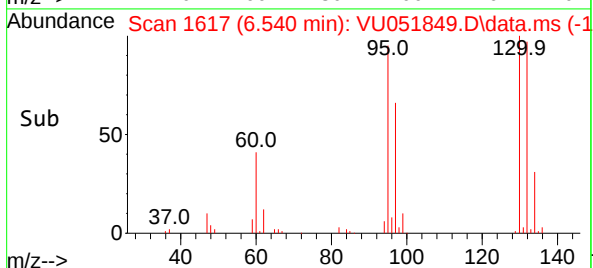
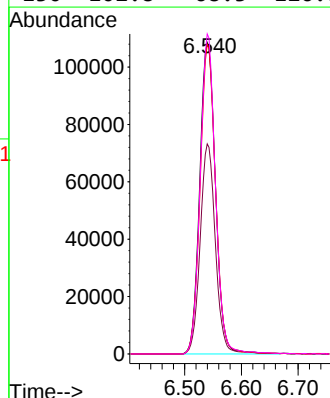
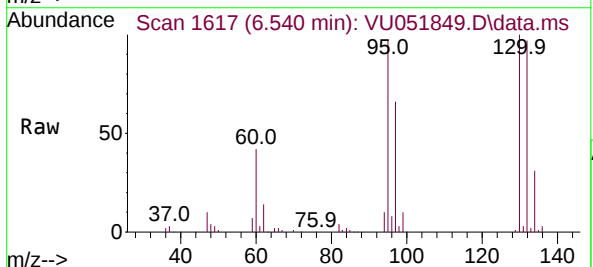
Ion Ratio Lower Upper

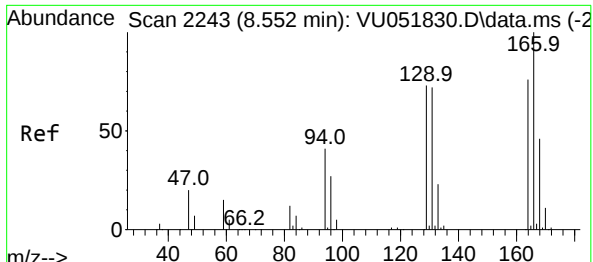
95 100

97 67.5 45.2 84.0

132 99.4 66.5 123.5

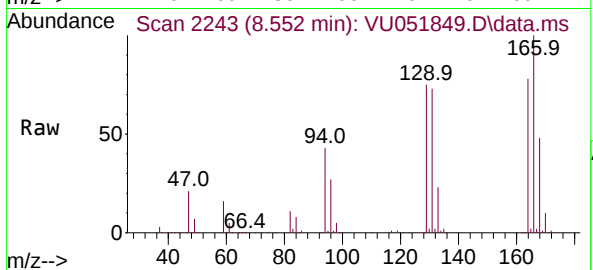
130 102.8 68.3 126.8





#47
 Tetrachloroethene
 Concen: 27.138 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU051849.D
 Acq: 14 Nov 2022 21:19

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB4



Tgt Ion:164 Resp: 342159

Ion	Ratio	Lower	Upper
164	100		
129	96.2	64.0	118.8
131	93.1	60.7	112.7
166	127.9	86.8	161.2

