

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022724\
 Data File : VW034436.D
 Acq On : 27 Feb 2024 09:59
 Operator : SY/MD
 Sample : P1535-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF5

Quant Time: Feb 28 03:53:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 28 03:52:36 2024
 Response via : Initial Calibration

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

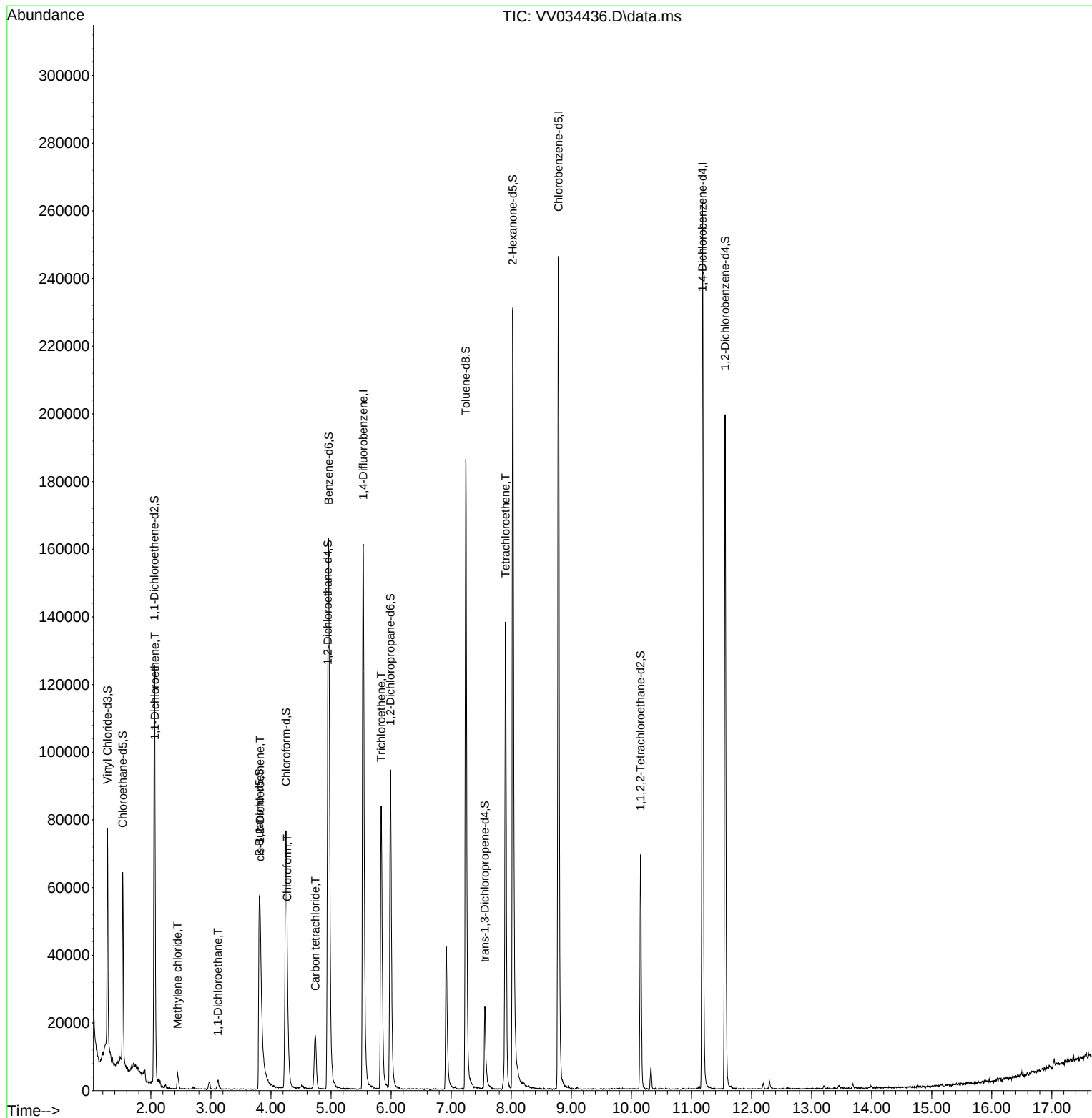
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	142199	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	133968	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	66549	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	39255	4.755	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.532	69	34686	4.758	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.060	65	18396	4.788	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.800%
20) 2-Butanone-d5	3.806	46	93564	43.353	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.700%
24) Chloroform-d	4.249	84	79791	4.814	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	4.944	65	41922	4.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	4.960	84	143737	4.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	5.989	67	44469	4.942	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.243	98	127181	4.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	7.561	79	16139	4.814	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.024	63	86219	45.485	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.980%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	32036	4.498	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	49828	4.928	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
12) 1,1-Dichloroethene	2.069	96	7438	0.835	ug/L #	1
16) Methylene chloride	2.446	84	1994	0.196	ug/L	83
19) 1,1-Dichloroethane	3.118	63	2881	0.165	ug/L #	92
22) cis-1,2-Dichloroethene	3.818	96	9771	0.981	ug/L	95
25) Chloroform	4.272	83	9048	0.500	ug/L	89
31) Carbon tetrachloride	4.738	117	12207	0.839	ug/L	92
34) Trichloroethene	5.834	95	29796	3.077	ug/L	98
47) Tetrachloroethene	7.905	164	30341	3.994	ug/L	96

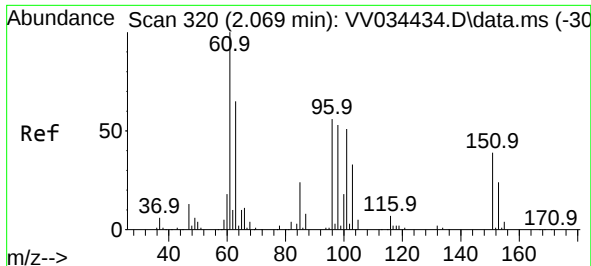
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 28 03:52:36 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.835 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034436.D

Acq: 27 Feb 2024 09:59

Instrument :

MSVOA_V

ClientSampleId :

C0AF5

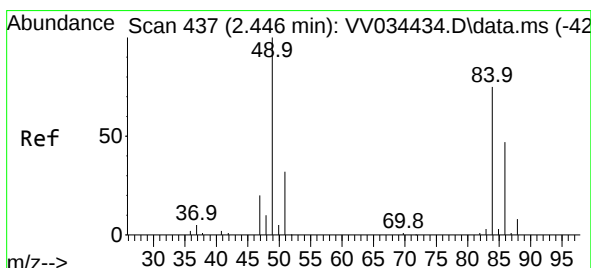
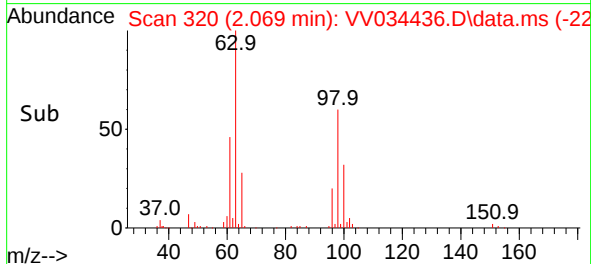
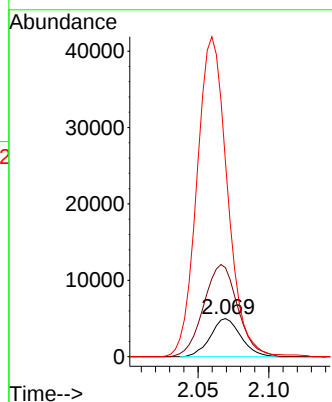
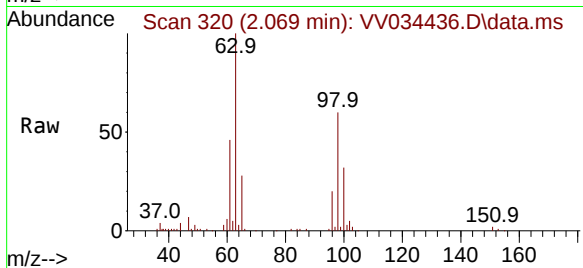
Tgt Ion: 96 Resp: 7438

Ion Ratio Lower Upper

96 100

61 233.1 131.3 243.8

63 509.8 102.8 191.0#



#16

Methylene chloride

Concen: 0.196 ug/L

RT: 2.446 min Scan# 437

Delta R.T. 0.000 min

Lab File: VV034436.D

Acq: 27 Feb 2024 09:59

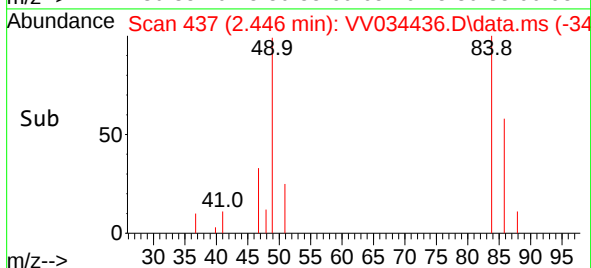
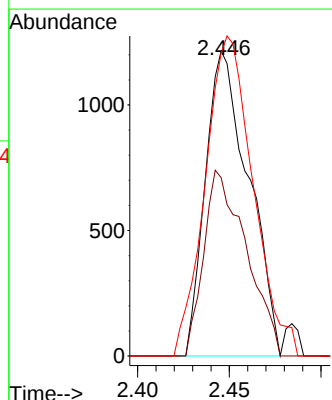
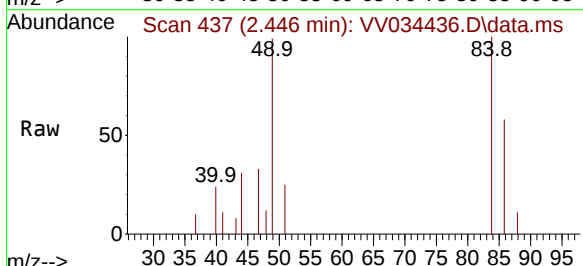
Tgt Ion: 84 Resp: 1994

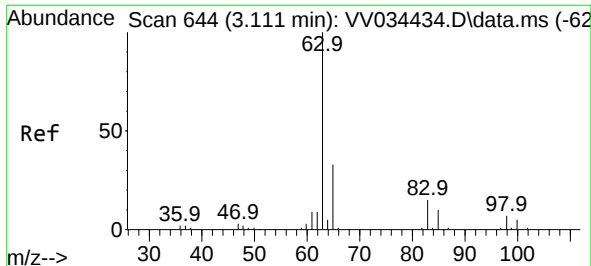
Ion Ratio Lower Upper

84 100

86 58.4 43.8 81.4

49 99.2 87.6 162.8





#19

1,1-Dichloroethane

Concen: 0.165 ug/L

RT: 3.118 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV034436.D

Acq: 27 Feb 2024 09:59

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MSVOA_V

ClientSampleId :

C0AF5

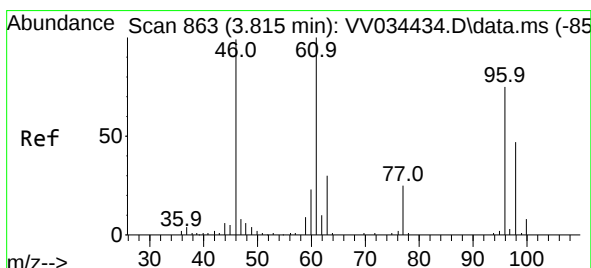
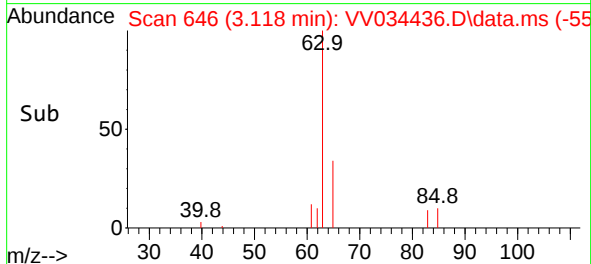
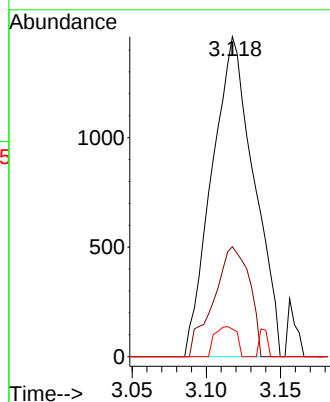
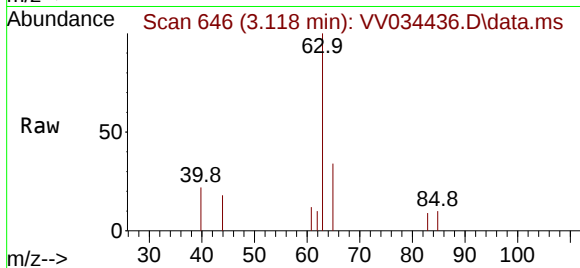
Tgt Ion: 63 Resp: 2881

Ion Ratio Lower Upper

63 100

65 34.4 22.0 41.0

83 8.6 10.1 18.9#



#22

cis-1,2-Dichloroethene

Concen: 0.981 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.003 min

Lab File: VV034436.D

Acq: 27 Feb 2024 09:59

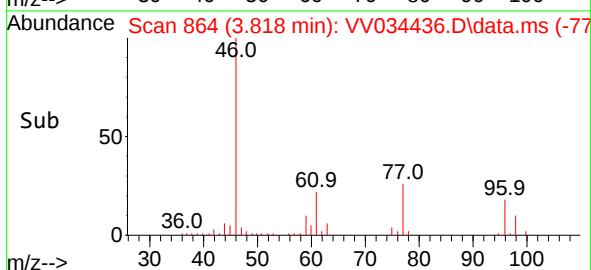
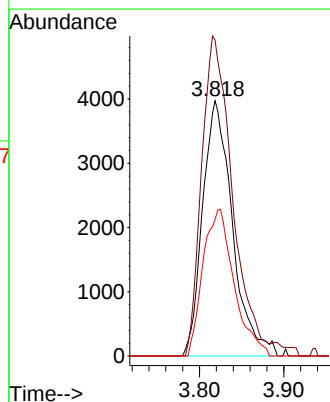
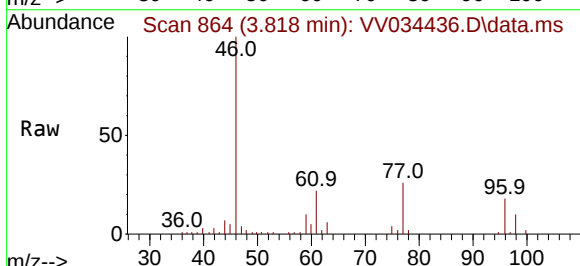
Tgt Ion: 96 Resp: 9771

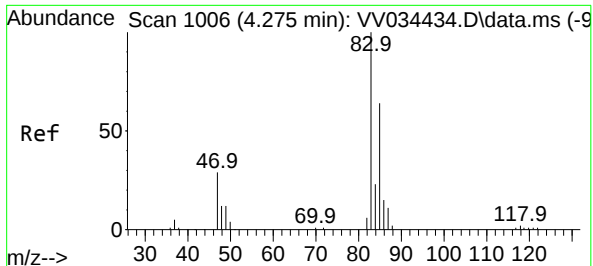
Ion Ratio Lower Upper

96 100

61 123.8 89.7 166.5

98 53.5 42.0 78.0





#25

Chloroform

Concen: 0.500 ug/L

RT: 4.272 min Scan# 110

Delta R.T. -0.003 min

Lab File: VV034436.D

Acq: 27 Feb 2024 09:59

Instrument :

MSVOA_V

ClientSampleId :

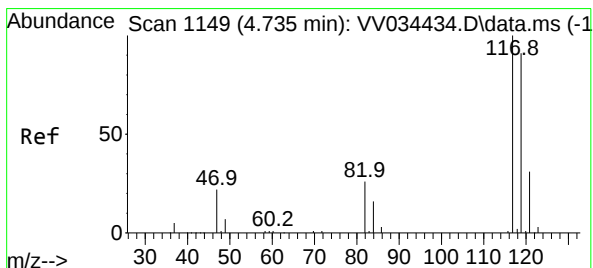
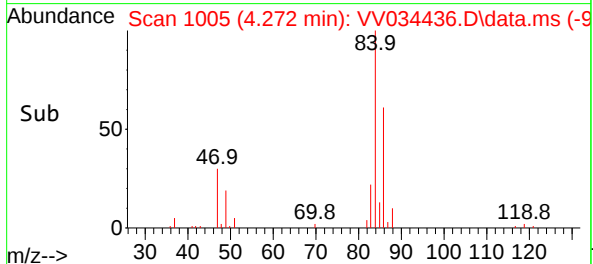
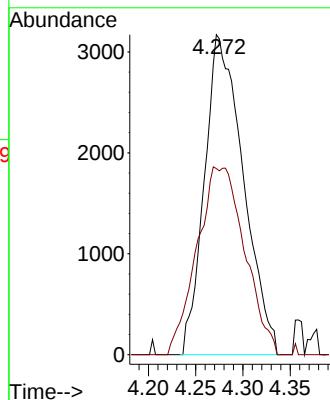
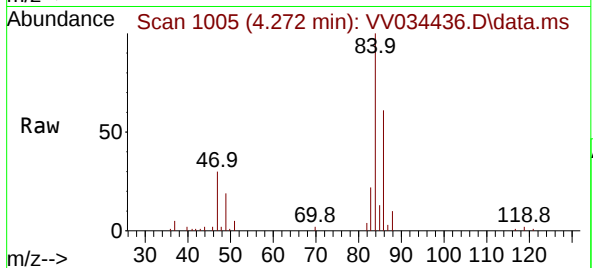
C0AF5

Tgt Ion: 83 Resp: 9048

Ion Ratio Lower Upper

83 100

85 58.2 47.0 87.4



#31

Carbon tetrachloride

Concen: 0.839 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. 0.003 min

Lab File: VV034436.D

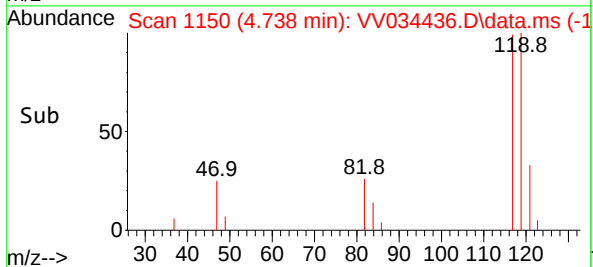
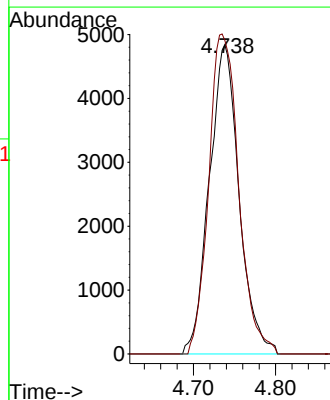
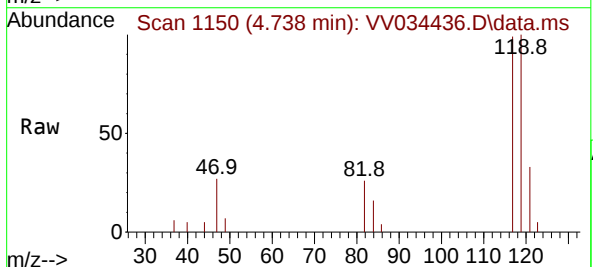
Acq: 27 Feb 2024 09:59

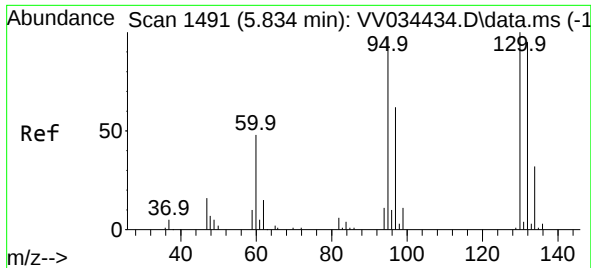
Tgt Ion: 117 Resp: 12207

Ion Ratio Lower Upper

117 100

119 104.1 77.0 115.6



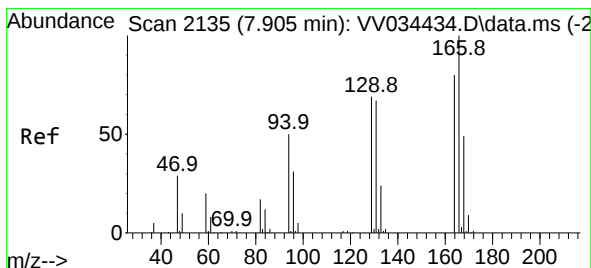
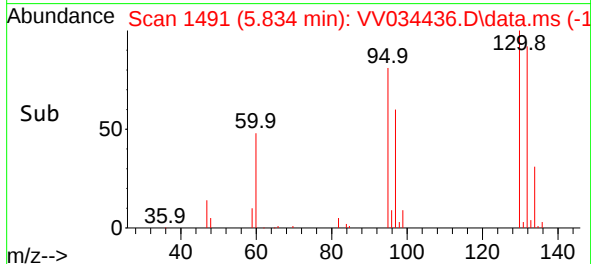
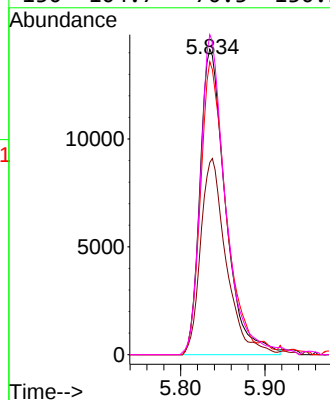
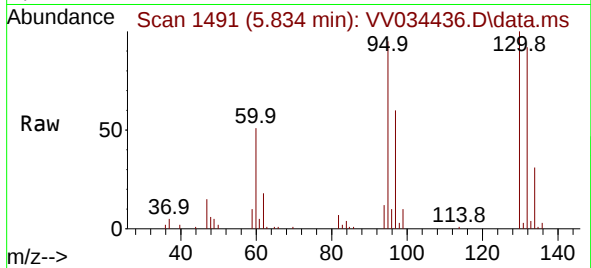


#34
Trichloroethene
Concen: 3.077 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV034436.D
Acq: 27 Feb 2024 09:59

Instrument :
MSVOA_V
ClientSampleId :
C0AF5

Tgt Ion: 95 Resp: 29796

Ion	Ratio	Lower	Upper
95	100		
97	62.9	43.3	80.5
132	95.9	67.8	126.0
130	104.7	70.3	130.5



#47
Tetrachloroethene
Concen: 3.994 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV034436.D
Acq: 27 Feb 2024 09:59

Tgt Ion: 164 Resp: 30341

Ion	Ratio	Lower	Upper
164	100		
129	93.9	64.2	119.2
131	86.4	65.9	122.3
166	126.3	89.9	166.9

