

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022624\
 Data File : VW034419.D
 Acq On : 26 Feb 2024 19:55
 Operator : SY/MD
 Sample : P1535-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF4

Quant Time: Feb 27 05:08:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 27 05:05:59 2024
 Response via : Initial Calibration

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

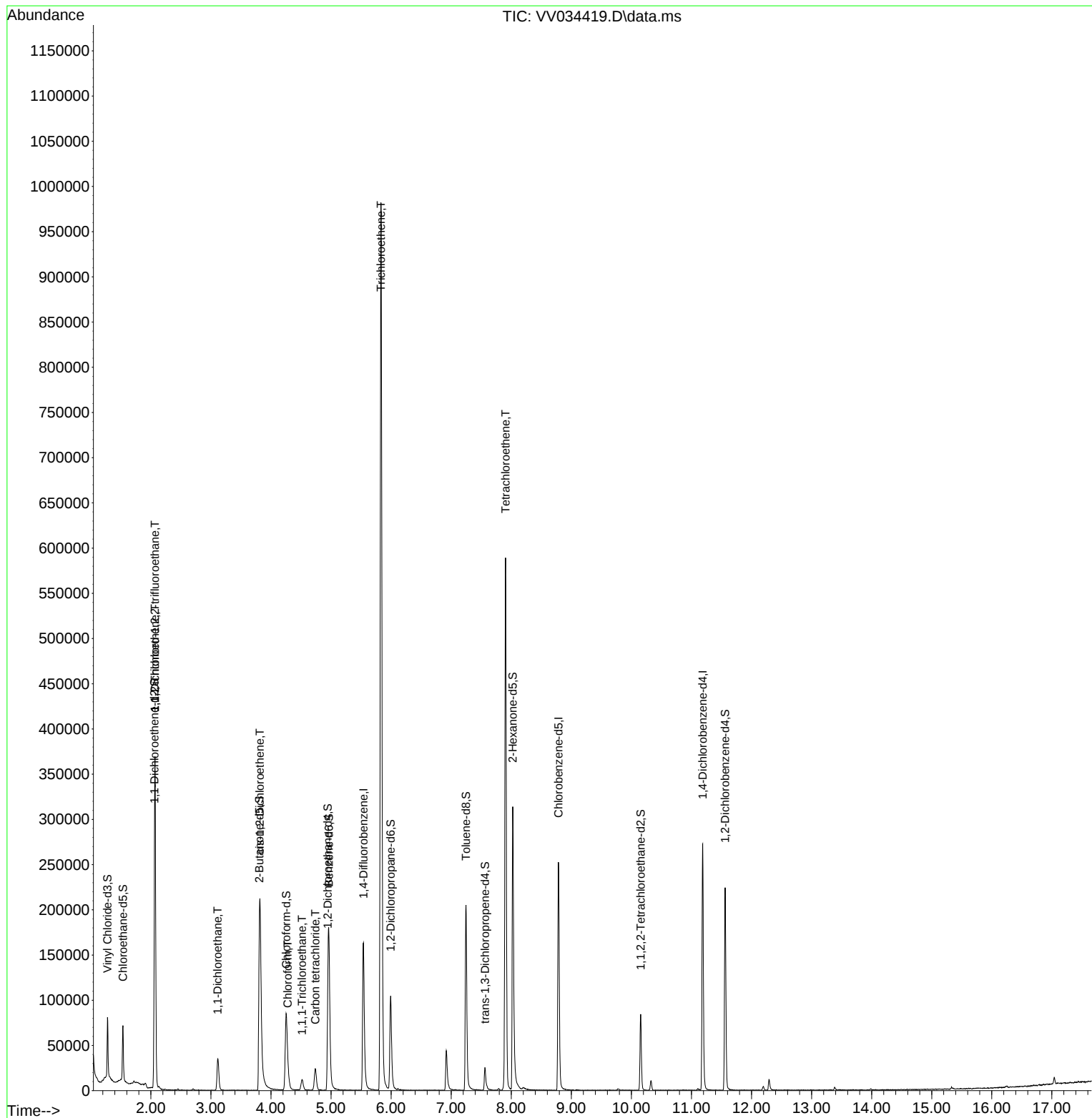
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	141553	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	136701	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	68878	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40419	4.919	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.400%
7) Chloroethane-d5	1.535	69	37240	5.132	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.600%
11) 1,1-Dichloroethene-d2	2.060	65	18868	4.933	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.600%
20) 2-Butanone-d5	3.805	46	122917	57.214	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.420%
24) Chloroform-d	4.252	84	86079	5.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	4.947	65	47951	5.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.200%
32) Benzene-d6	4.963	84	156426	5.087	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	5.992	67	48465	5.278	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.600%
41) Toluene-d8	7.246	98	137997	5.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
43) trans-1,3-Dichloroprop...	7.564	79	16258	4.753	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.024	63	113166	58.507	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.020%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	39743	5.468	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	56159	5.367	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	5633	0.612	ug/L	91
12) 1,1-Dichloroethene	2.069	96	82118	9.264	ug/L	81
19) 1,1-Dichloroethane	3.114	63	37002	2.133	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	88326	8.910	ug/L	97
25) Chloroform	4.278	83	13489	0.749	ug/L	97
29) 1,1,1-Trichloroethane	4.516	97	10142	0.593	ug/L	98
31) Carbon tetrachloride	4.738	117	17722	1.194	ug/L	96
34) Trichloroethene	5.831	95	334265	33.833	ug/L	99
47) Tetrachloroethene	7.905	164	125708	16.219	ug/L	98

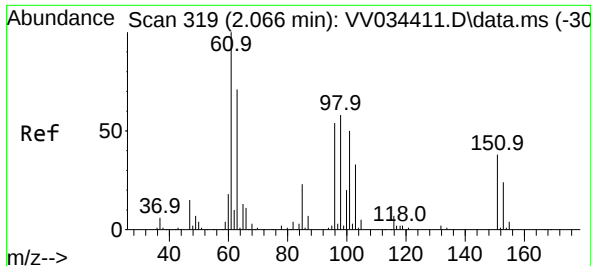
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 27 05:05:59 2024
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.612 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034419.D

Acq: 26 Feb 2024 19:55

Instrument :

MSVOA_V

ClientSampleId :

C0AF4

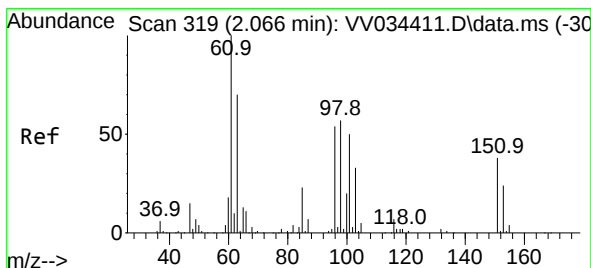
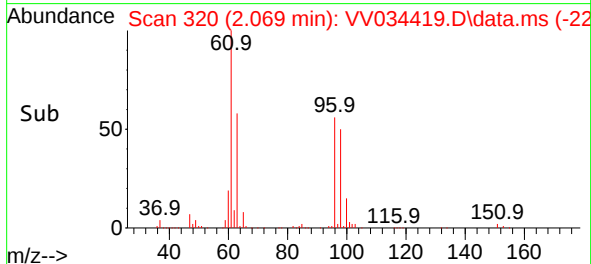
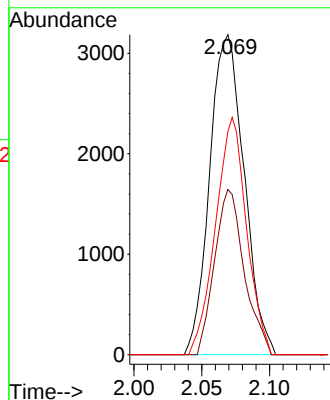
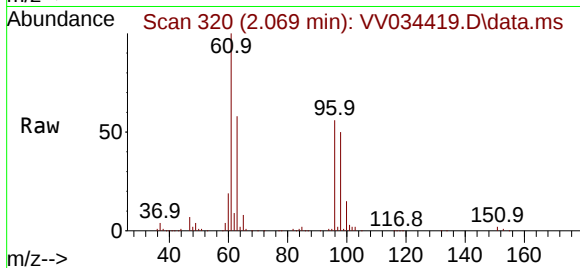
Tgt Ion:101 Resp: 5633

Ion Ratio Lower Upper

101 100

85 44.4 37.9 56.9

151 66.8 61.8 92.6



#12

1,1-Dichloroethene

Concen: 9.264 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.003 min

Lab File: VV034419.D

Acq: 26 Feb 2024 19:55

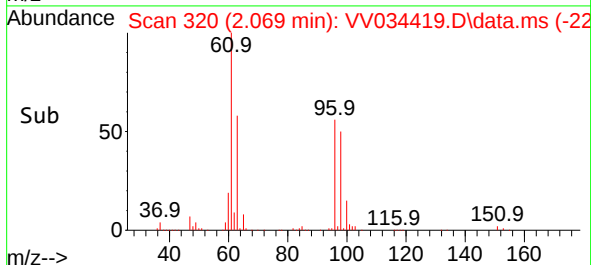
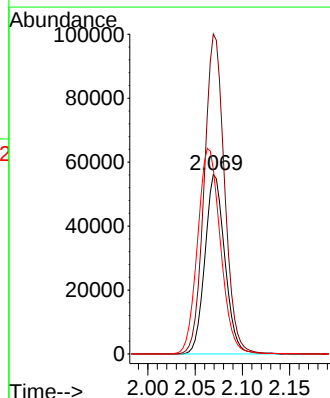
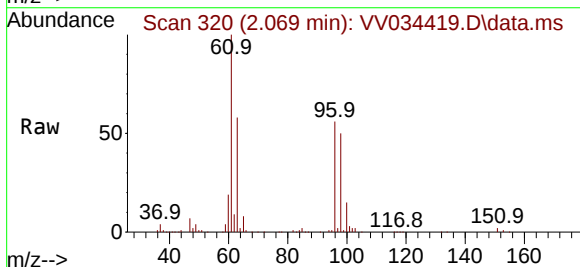
Tgt Ion: 96 Resp: 82118

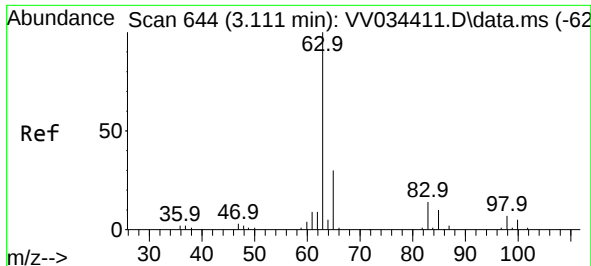
Ion Ratio Lower Upper

96 100

61 178.3 131.3 243.8

63 103.0 102.8 191.0





#19

1,1-Dichloroethane

Concen: 2.133 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV034419.D

Acq: 26 Feb 2024 19:55

Instrument :

MSVOA_V

ClientSampleId :

C0AF4

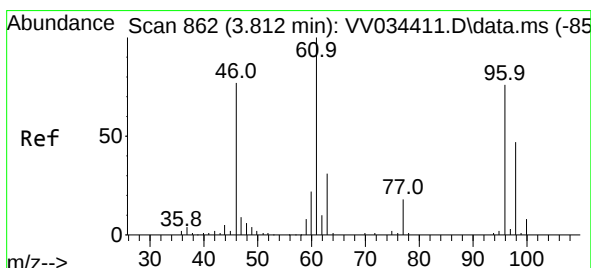
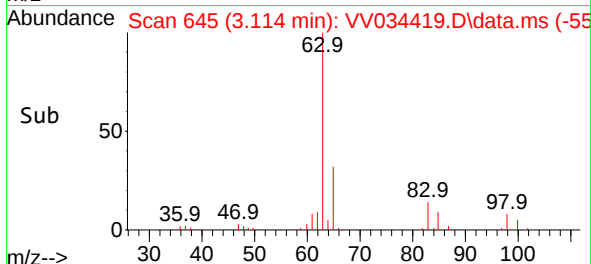
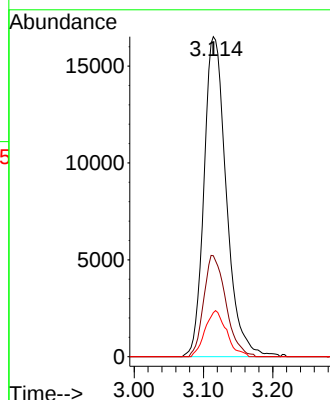
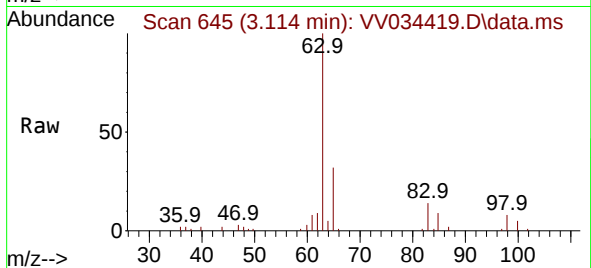
Tgt Ion: 63 Resp: 37002

Ion Ratio Lower Upper

63 100

65 31.5 22.0 41.0

83 13.7 10.1 18.9



#22

cis-1,2-Dichloroethene

Concen: 8.910 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.003 min

Lab File: VV034419.D

Acq: 26 Feb 2024 19:55

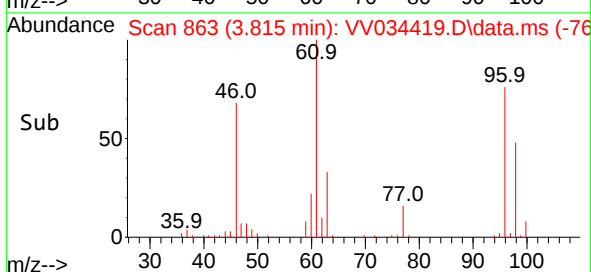
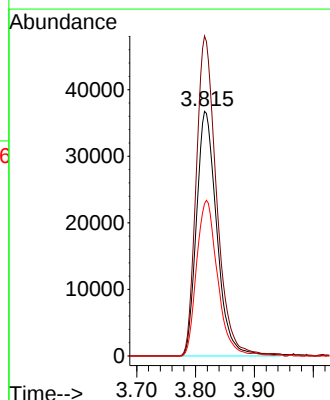
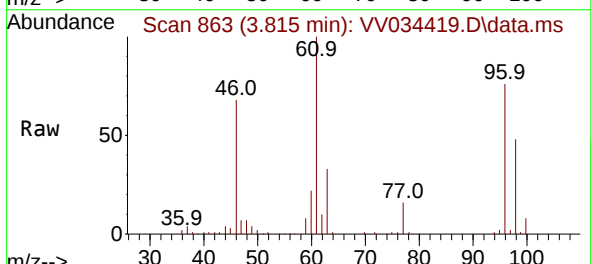
Tgt Ion: 96 Resp: 88326

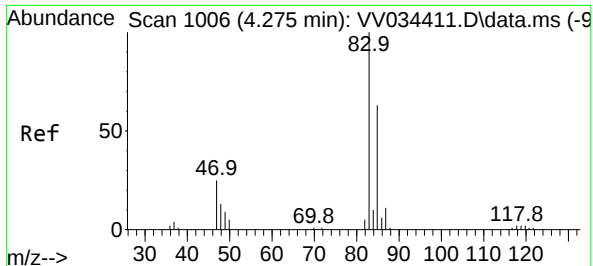
Ion Ratio Lower Upper

96 100

61 130.8 89.7 166.5

98 62.3 42.0 78.0





#25

Chloroform

Concen: 0.749 ug/L

RT: 4.278 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV034419.D

Acq: 26 Feb 2024 19:55

Instrument :

MSVOA_V

ClientSampleId :

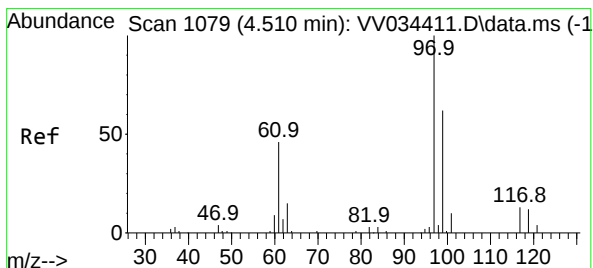
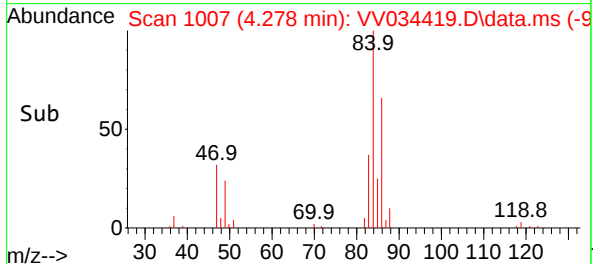
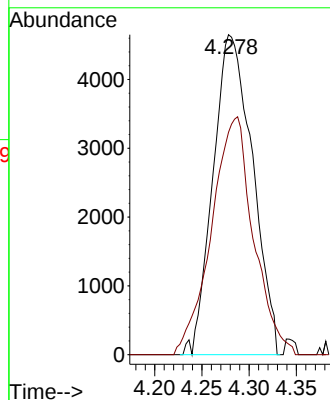
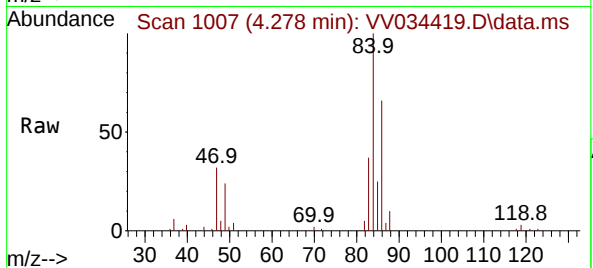
C0AF4

Tgt Ion: 83 Resp: 13489

Ion Ratio Lower Upper

83 100

85 69.5 47.0 87.4



#29

1,1,1-Trichloroethane

Concen: 0.593 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. 0.007 min

Lab File: VV034419.D

Acq: 26 Feb 2024 19:55

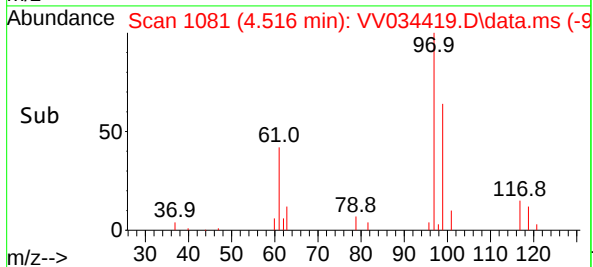
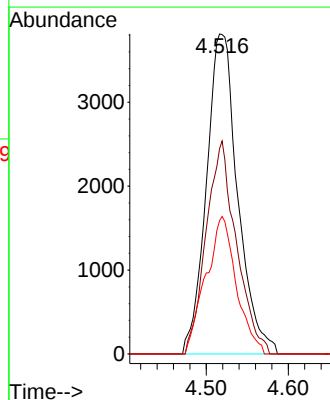
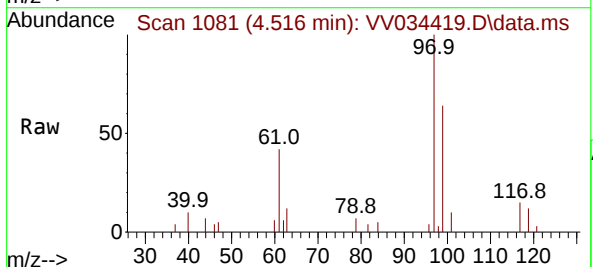
Tgt Ion: 97 Resp: 10142

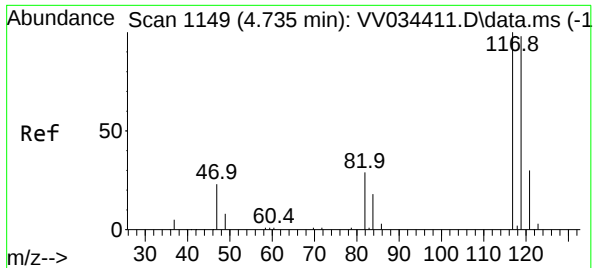
Ion Ratio Lower Upper

97 100

99 64.1 51.2 76.8

61 41.9 36.1 54.1

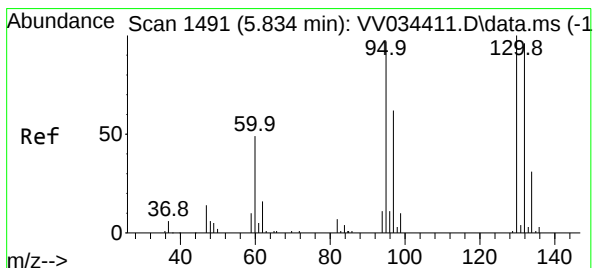
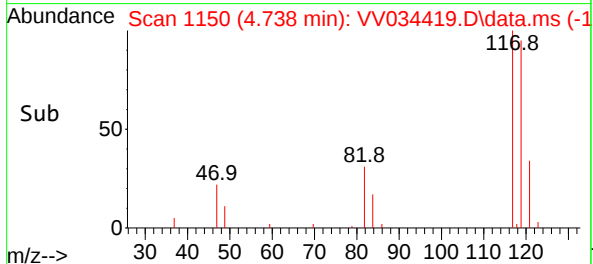
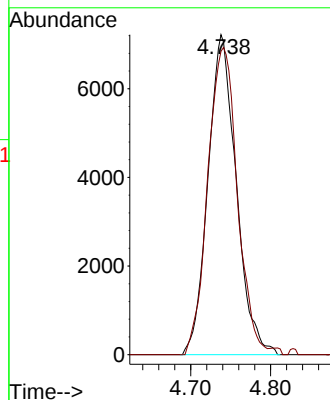
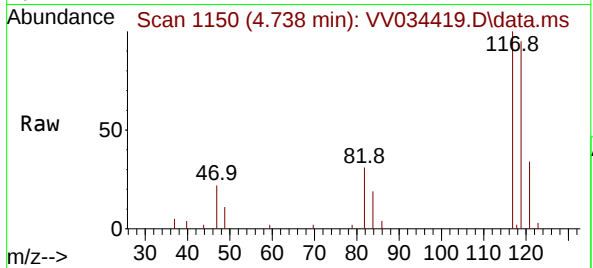




#31
Carbon tetrachloride
Concen: 1.194 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV034419.D
Acq: 26 Feb 2024 19:55

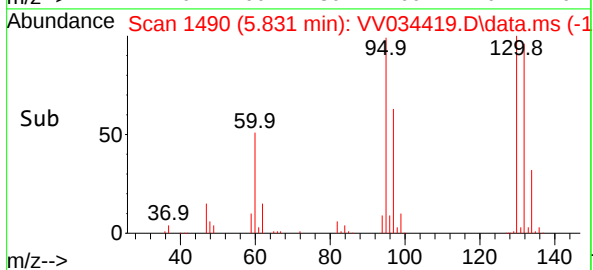
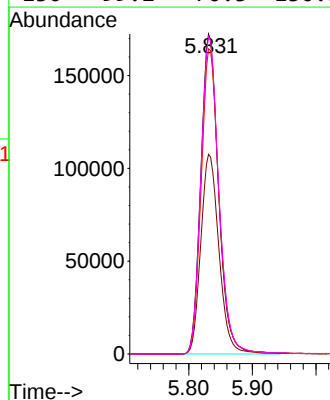
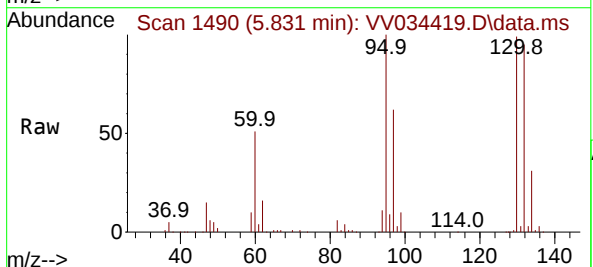
Instrument :
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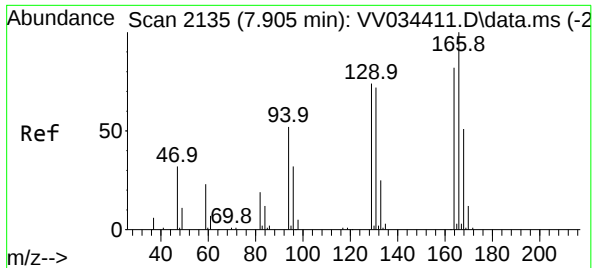
Tgt Ion:117 Resp: 17722
Ion Ratio Lower Upper
117 100
119 100.5 77.0 115.6



#34
Trichloroethene
Concen: 33.833 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.003 min
Lab File: VV034419.D
Acq: 26 Feb 2024 19:55

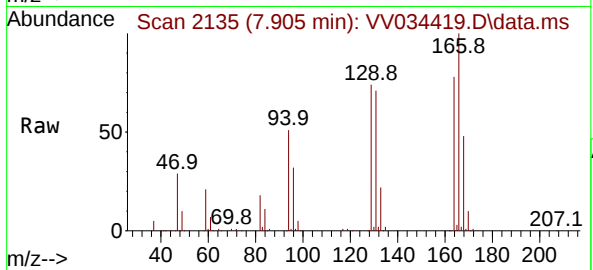
Tgt Ion: 95 Resp: 334265
Ion Ratio Lower Upper
95 100
97 62.4 43.3 80.5
132 95.4 67.8 126.0
130 99.2 70.3 130.5





#47
 Tetrachloroethene
 Concen: 16.219 ug/L
 RT: 7.905 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV034419.D
 Acq: 26 Feb 2024 19:55

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF4



Tgt Ion:164 Resp: 125708

Ion	Ratio	Lower	Upper
164	100		
129	94.4	64.2	119.2
131	90.0	65.9	122.3
166	127.6	89.9	166.9

