

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022624\
 Data File : VW034423.D
 Acq On : 26 Feb 2024 21:31
 Operator : SY/MD
 Sample : P1535-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF9

Quant Time: Feb 27 05:09:49 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)

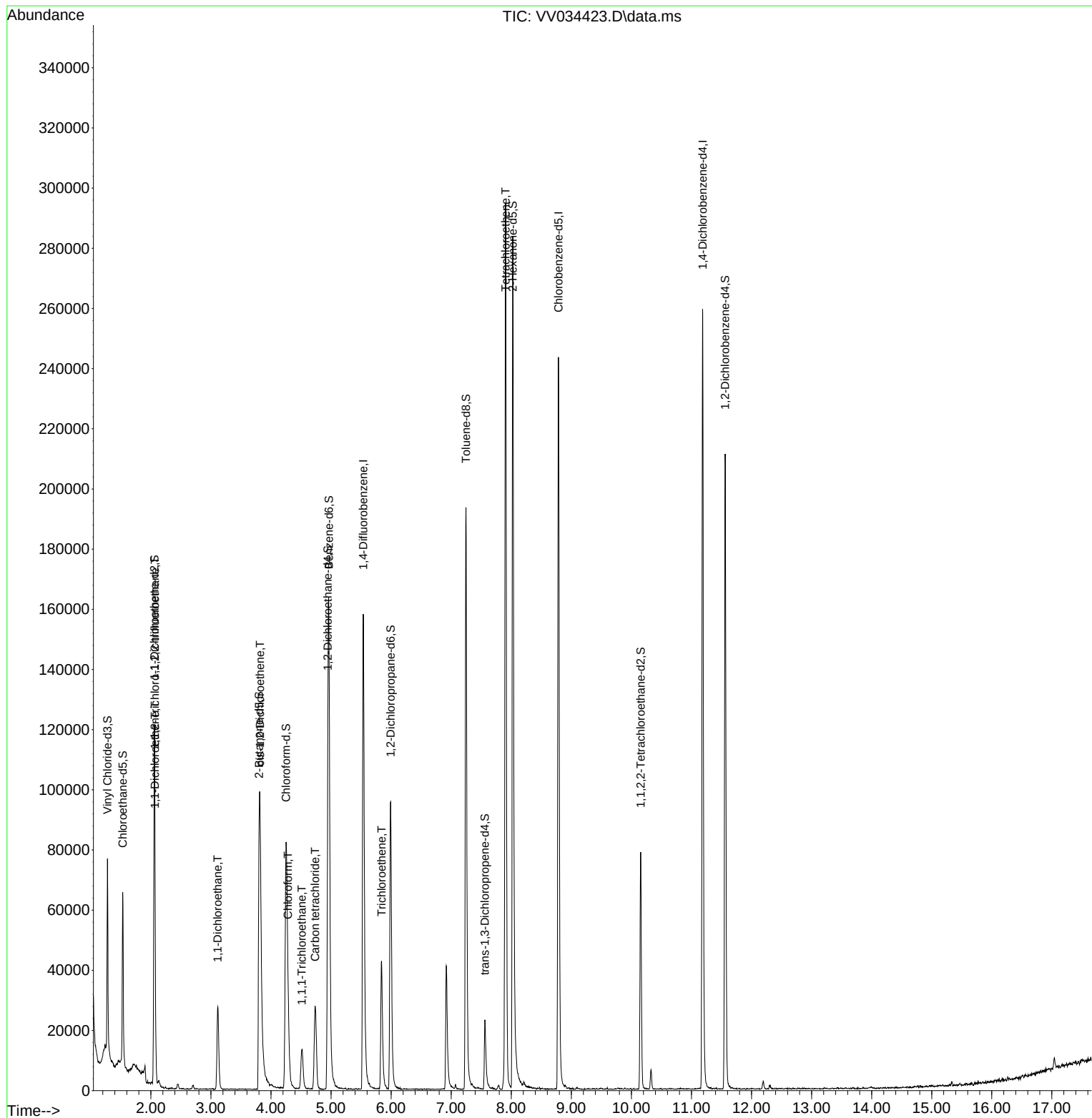
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	137710	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	130813	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	65687	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37902	4.741	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.532	69	33689	4.772	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.060	65	18323	4.924	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.400%
20) 2-Butanone-d5	3.802	46	111079	53.146	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.300%
24) Chloroform-d	4.249	84	79512	4.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	4.947	65	44199	5.411	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
32) Benzene-d6	4.963	84	143830	4.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	5.992	67	45445	5.172	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.246	98	127773	4.842	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	7.561	79	15507	4.737	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.024	63	101134	54.640	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.280%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	37315	5.365	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	53248	5.336	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	5758	0.643	ug/L	90
12) 1,1-Dichloroethene	2.069	96	1815	0.210	ug/L	# 1
19) 1,1-Dichloroethane	3.114	63	28065	1.663	ug/L	98
22) cis-1,2-Dichloroethene	3.818	96	28882	2.995	ug/L	99
25) Chloroform	4.281	83	25305	1.443	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	11170	0.683	ug/L	97
31) Carbon tetrachloride	4.735	117	22148	1.560	ug/L	98
34) Trichloroethene	5.841	95	15530	1.643	ug/L	98
47) Tetrachloroethene	7.905	164	62889	8.479	ug/L	97

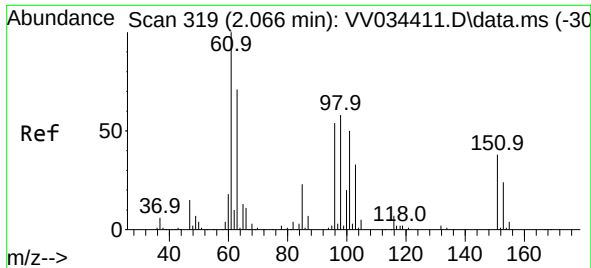
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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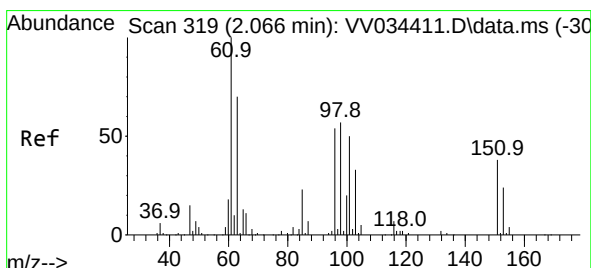
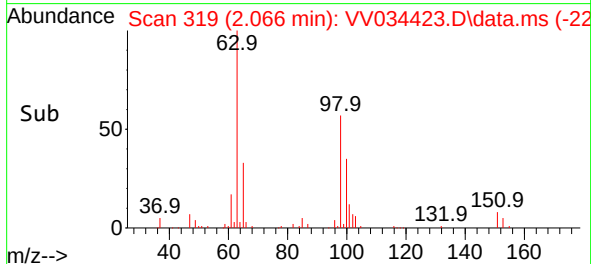
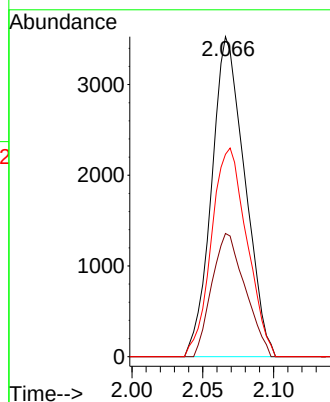
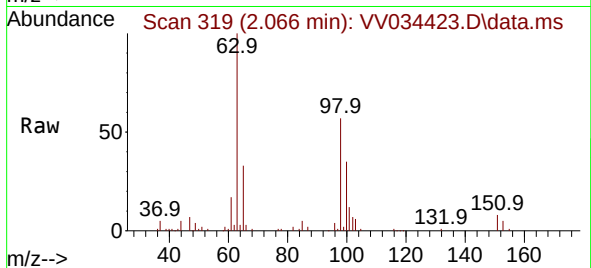




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.643 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV034423.D
 Acq: 26 Feb 2024 21:31

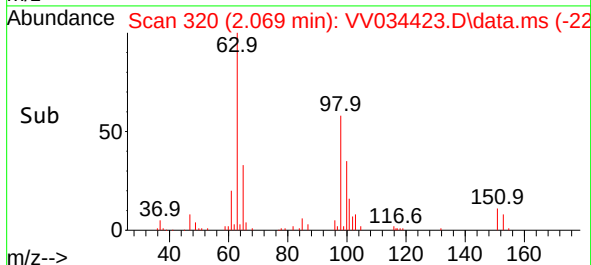
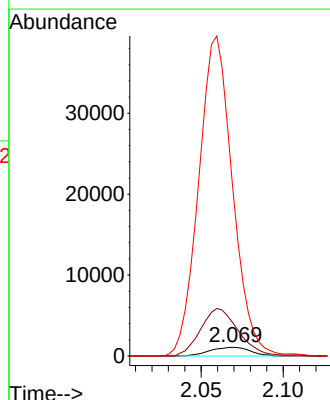
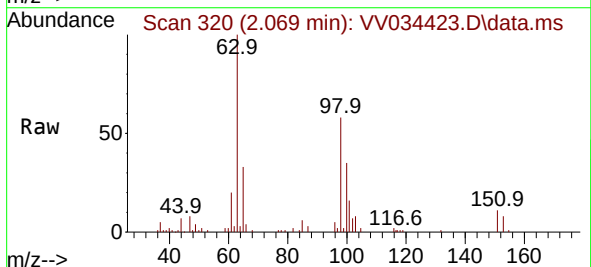
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF9

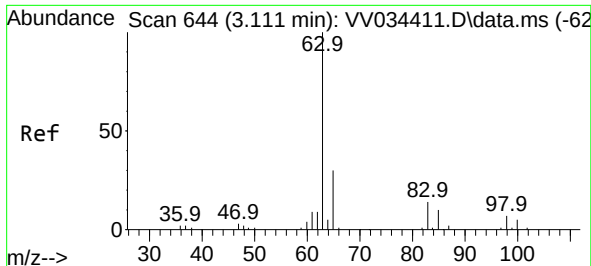
Tgt Ion:101 Resp: 5758
 Ion Ratio Lower Upper
 101 100
 85 38.6 37.9 56.9
 151 69.7 61.8 92.6



#12
 1,1-Dichloroethene
 Concen: 0.210 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.003 min
 Lab File: VV034423.D
 Acq: 26 Feb 2024 21:31

Tgt Ion: 96 Resp: 1815
 Ion Ratio Lower Upper
 96 100
 61 383.1 131.3 243.8#
 63 1937.1 102.8 191.0#





#19

1,1-Dichloroethane

Concen: 1.663 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV034423.D

Acq: 26 Feb 2024 21:31

Instrument :

MSVOA_V

ClientSampleId :

C0AF9

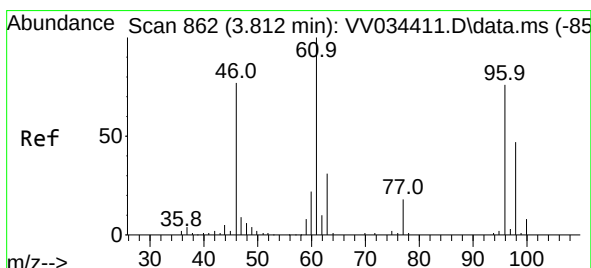
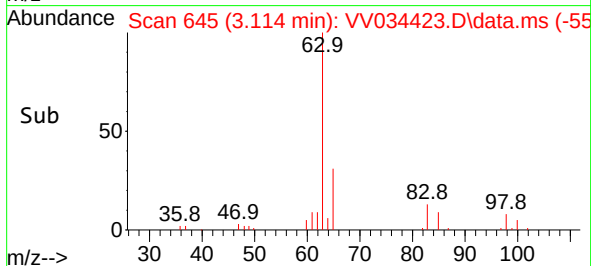
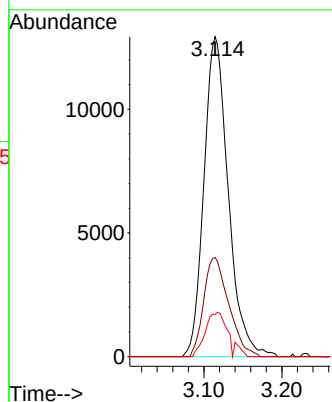
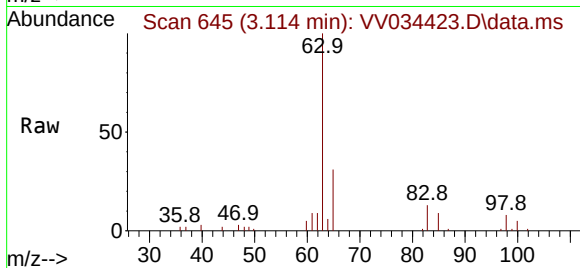
Tgt Ion: 63 Resp: 28065

Ion Ratio Lower Upper

63 100

65 31.0 22.0 41.0

83 13.2 10.1 18.9



#22

cis-1,2-Dichloroethene

Concen: 2.995 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.006 min

Lab File: VV034423.D

Acq: 26 Feb 2024 21:31

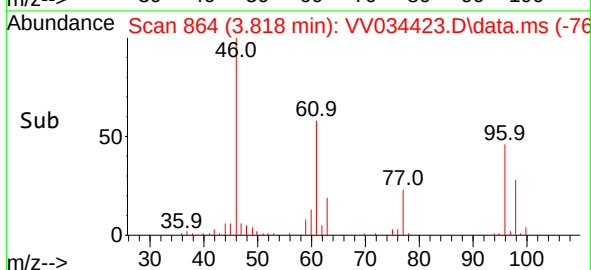
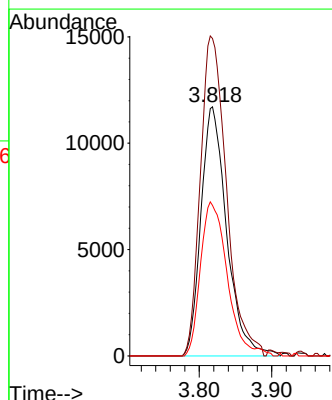
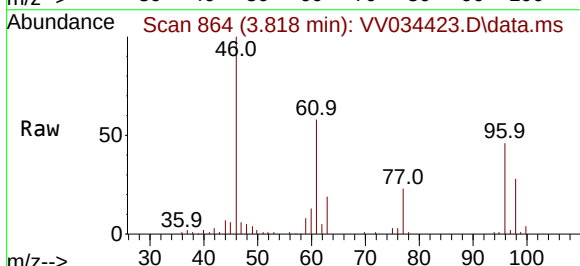
Tgt Ion: 96 Resp: 28882

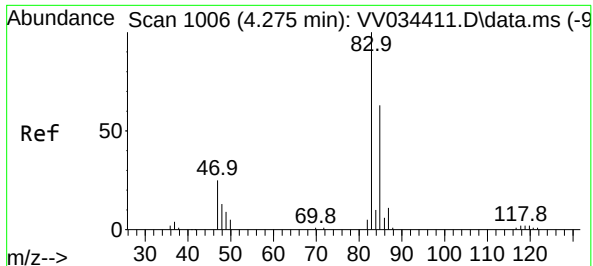
Ion Ratio Lower Upper

96 100

61 127.4 89.7 166.5

98 60.5 42.0 78.0





#25

Chloroform

Concen: 1.443 ug/L

RT: 4.281 min Scan# 1006

Delta R.T. 0.006 min

Lab File: VV034423.D

Acq: 26 Feb 2024 21:31

Instrument :

MSVOA_V

ClientSampleId :

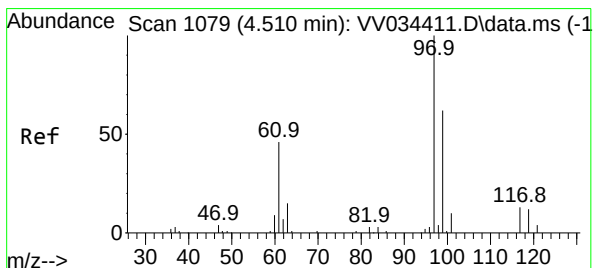
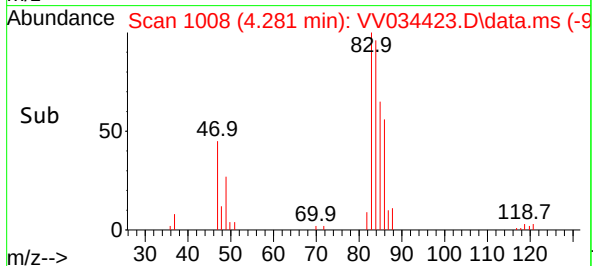
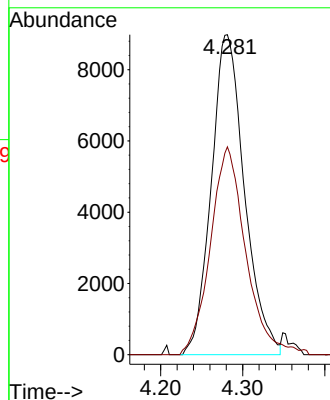
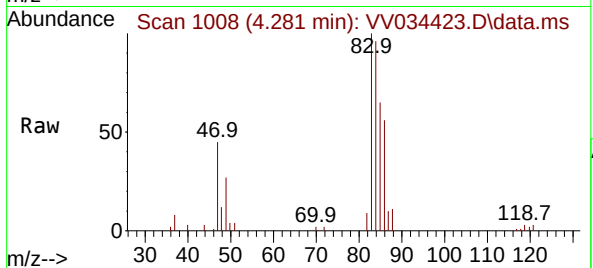
C0AF9

Tgt Ion: 83 Resp: 25305

Ion Ratio Lower Upper

83 100

85 65.0 47.0 87.4



#29

1,1,1-Trichloroethane

Concen: 0.683 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV034423.D

Acq: 26 Feb 2024 21:31

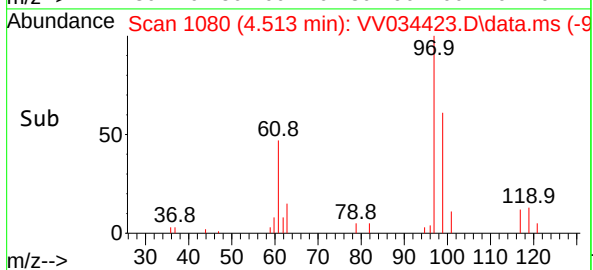
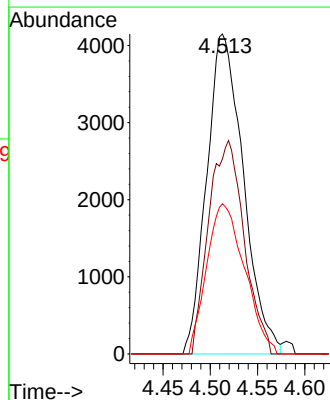
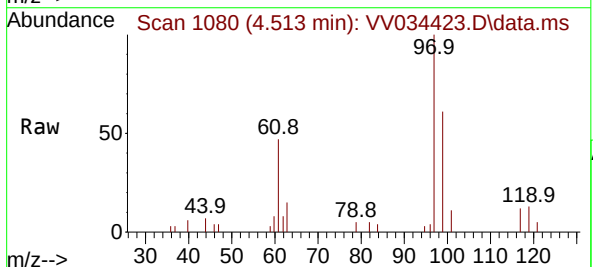
Tgt Ion: 97 Resp: 11170

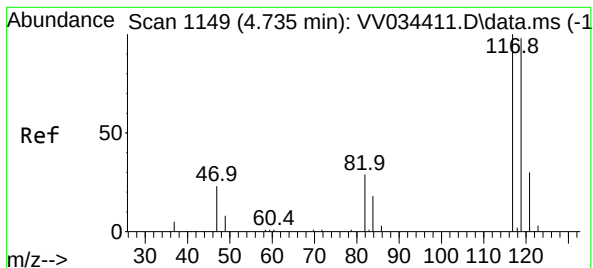
Ion Ratio Lower Upper

97 100

99 64.8 51.2 76.8

61 48.5 36.1 54.1





#31

Carbon tetrachloride

Concen: 1.560 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VV034423.D

Acq: 26 Feb 2024 21:31

Instrument :

MSVOA_V

ClientSampleId :

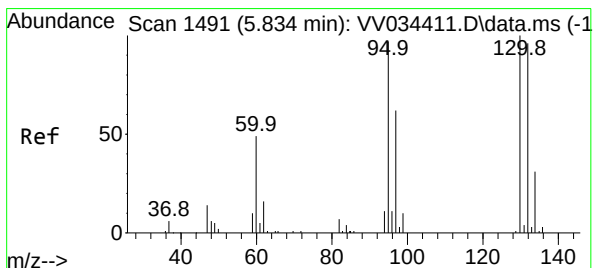
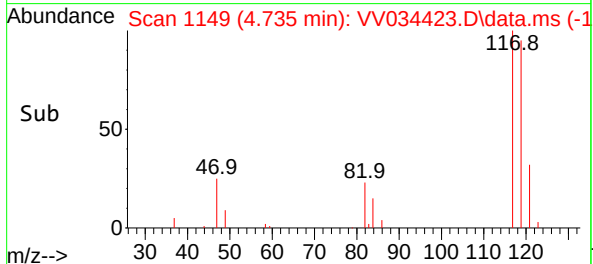
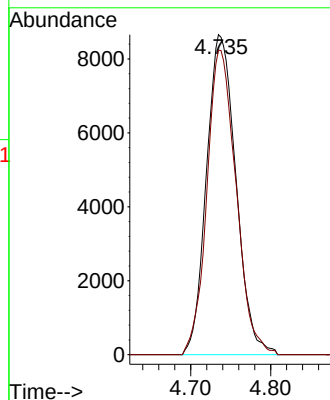
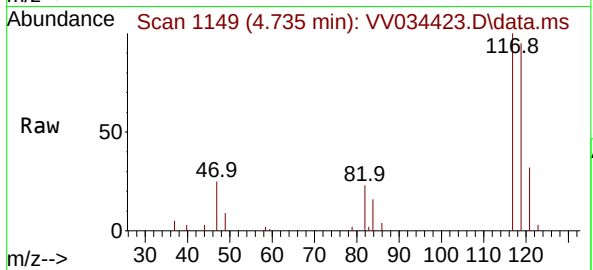
C0AF9

Tgt Ion:117 Resp: 22148

Ion Ratio Lower Upper

117 100

119 94.0 77.0 115.6



#34

Trichloroethene

Concen: 1.643 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VV034423.D

Acq: 26 Feb 2024 21:31

Tgt Ion: 95 Resp: 15530

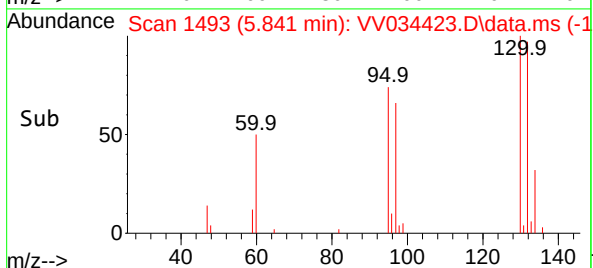
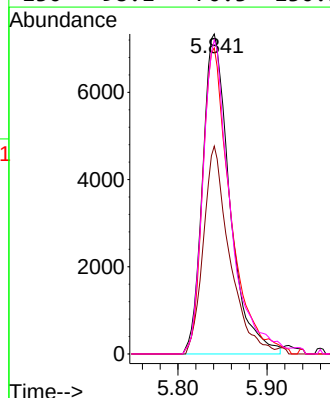
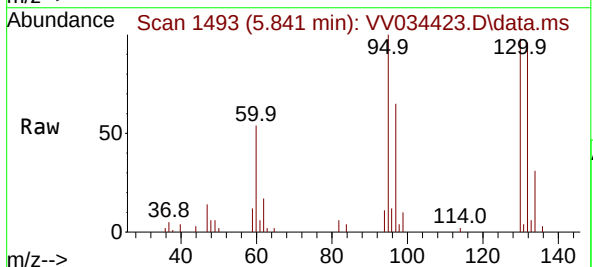
Ion Ratio Lower Upper

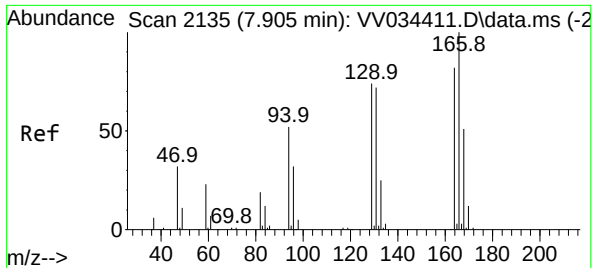
95 100

97 65.0 43.3 80.5

132 95.6 67.8 126.0

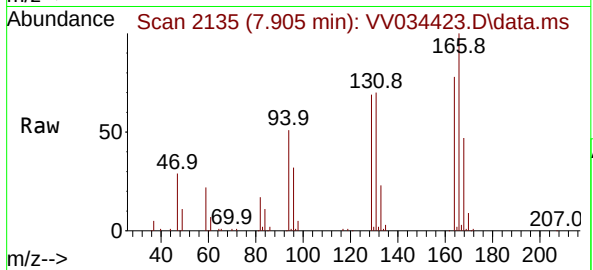
130 98.1 70.3 130.5





#47
 Tetrachloroethene
 Concen: 8.479 ug/L
 RT: 7.905 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV034423.D
 Acq: 26 Feb 2024 21:31

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF9



Tgt Ion:	164	Resp:	62889
Ion	Ratio	Lower	Upper
164	100		
129	87.8	64.2	119.2
131	89.7	65.9	122.3
166	127.8	89.9	166.9

