

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033385.D
 Acq On : 15 Dec 2023 18:24
 Operator : SY/MD
 Sample : 05846-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 00:16:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 15 23:24:47 2023
 Response via : Initial Calibration

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

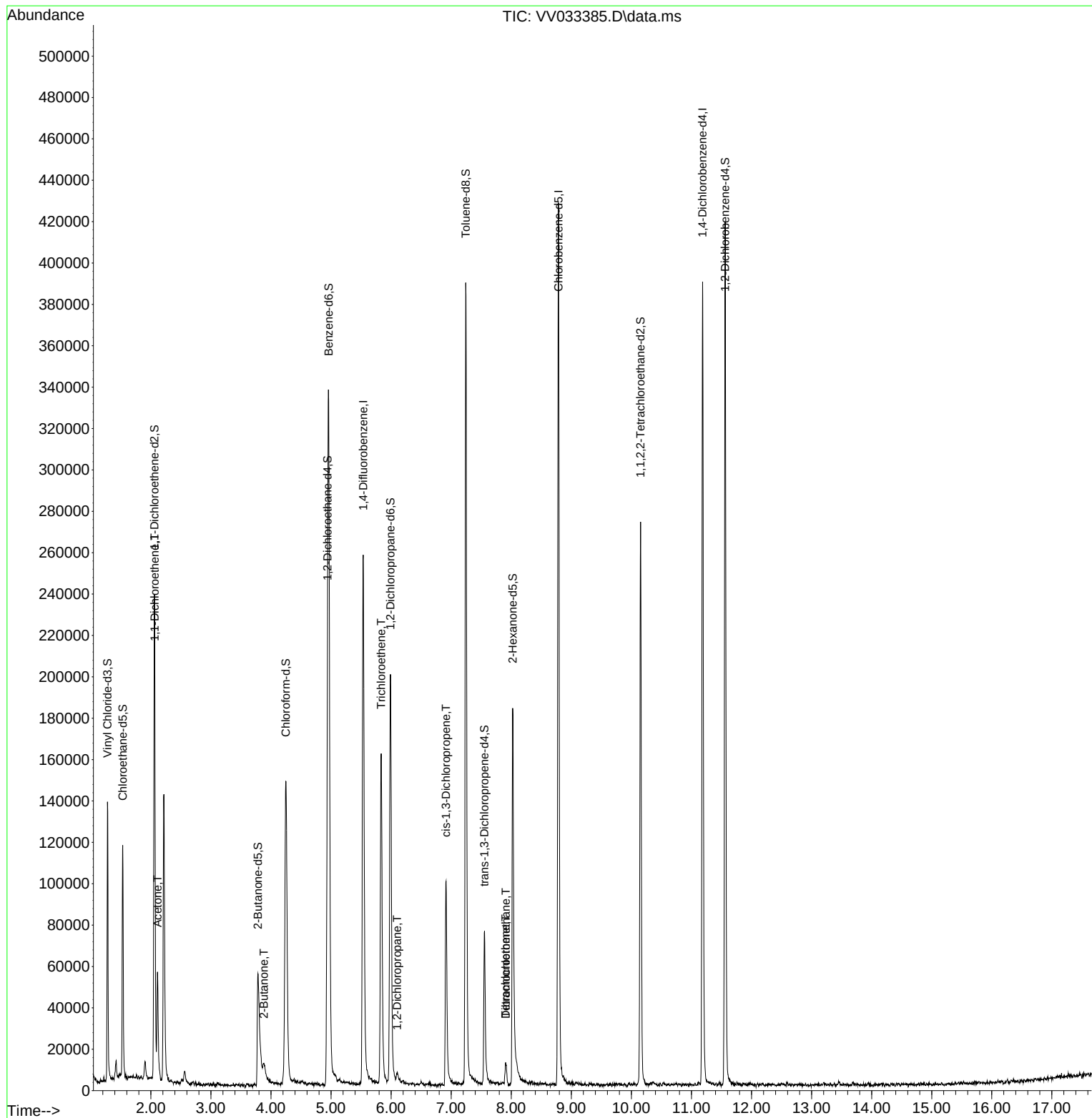
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	223966	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	227258	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	98658	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	78751	45.660	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.320%
7) Chloroethane-d5	1.532	69	72722	46.984	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.960%
11) 1,1-Dichloroethene-d2	2.060	65	39332	45.811	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.620%
21) 2-Butanone-d5	3.783	46	87984	101.218	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.220%
24) Chloroform-d	4.246	84	155423	45.556	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.120%
26) 1,2-Dichloroethane-d4	4.941	65	101686	48.518	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.040%
32) Benzene-d6	4.960	84	294599	48.131	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.260%
36) 1,2-Dichloropropane-d6	5.989	67	92687	49.895	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.780%
41) Toluene-d8	7.243	98	255670	45.650	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.300%
43) trans-1,3-Dichloroprop...	7.555	79	42211	46.365	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.720%
47) 2-Hexanone-d5	8.024	63	58722	93.983	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.980%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	124392	46.590	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.180%
66) 1,2-Dichlorobenzene-d4	11.561	152	100606	54.266	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.540%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.066	96	2291	1.452	ug/L #	1
13) Acetone	2.111	43	50186	49.738	ug/L	100
22) 2-Butanone	3.883	43	14463	14.549	ug/L	76
34) Trichloroethene	5.834	95	55221	33.230	ug/L	98
37) 1,2-Dichloropropane	6.098	63	1475	0.898	ug/L #	86
39) cis-1,3-Dichloropropene	6.915	75	3073	1.286	ug/L	84
46) Tetrachloroethene	7.905	164	1470	1.132	ug/L	97
49) Dibromochloromethane	7.908	129	2455	1.356	ug/L #	11

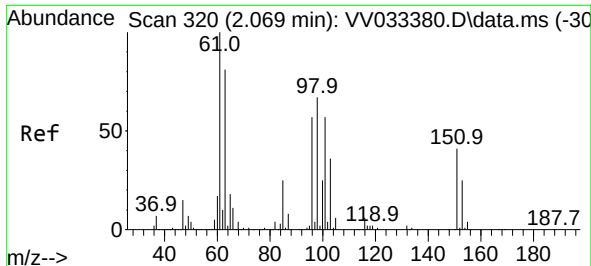
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 15 23:24:47 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.452 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

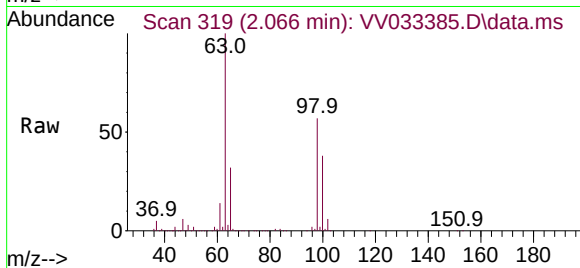
Lab File: VV033385.D

Acq: 15 Dec 2023 18:24

Instrument :

MSVOA_V

ClientSampleId :



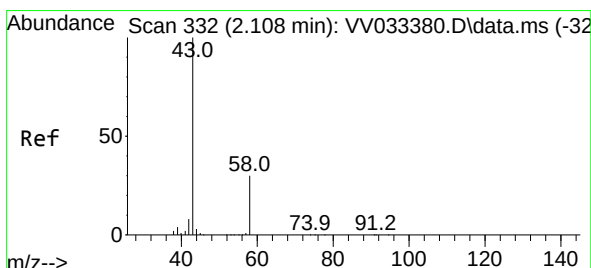
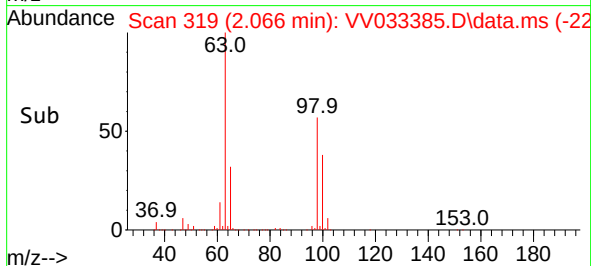
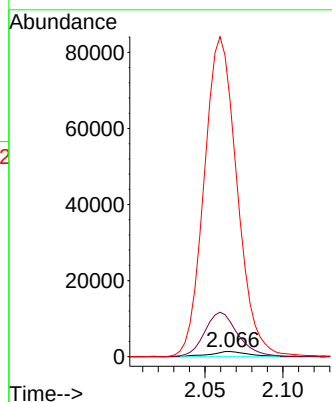
Tgt Ion: 96 Resp: 2291

Ion Ratio Lower Upper

96 100

61 673.6 124.3 230.8#

63 4910.4 108.1 200.7#



#13

Acetone

Concen: 49.738 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV033385.D

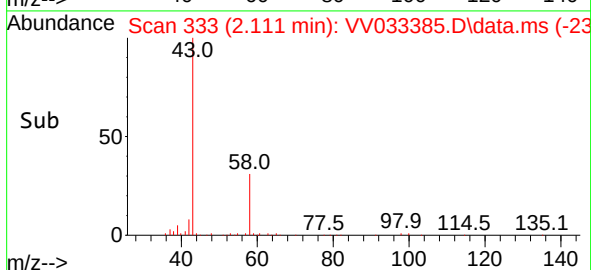
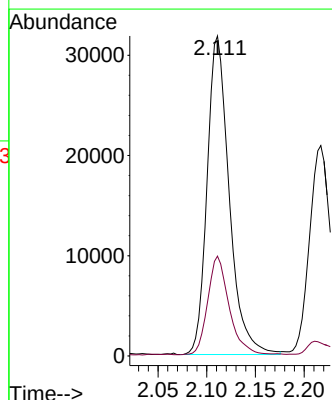
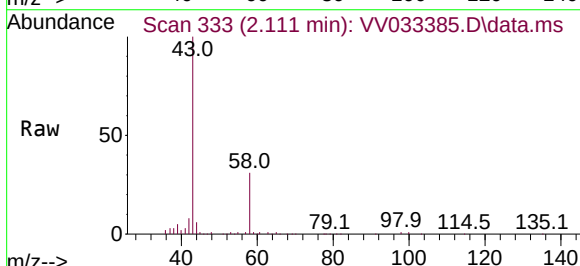
Acq: 15 Dec 2023 18:24

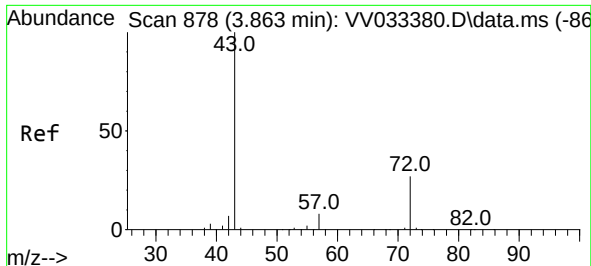
Tgt Ion: 43 Resp: 50186

Ion Ratio Lower Upper

43 100

58 29.8 0.0 59.2

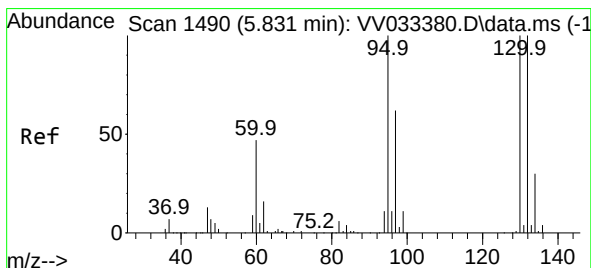
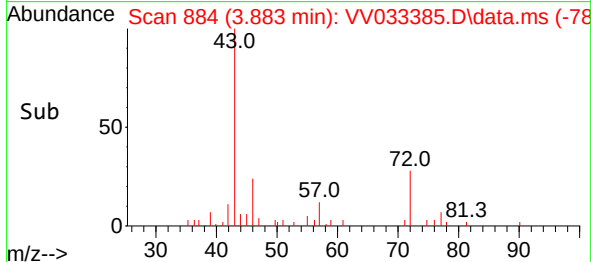
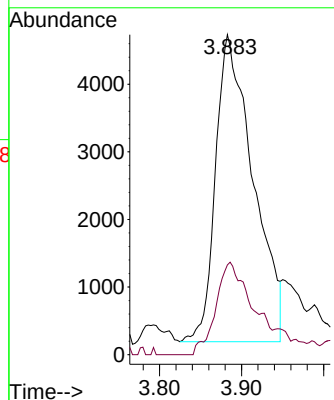
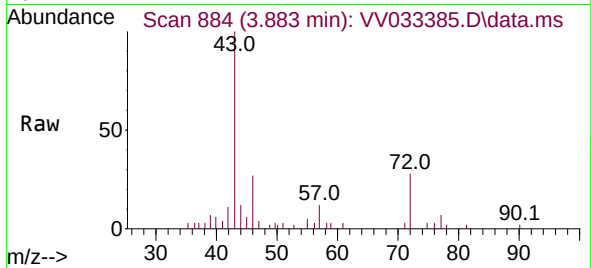




#22
2-Butanone
Concen: 14.549 ug/L
RT: 3.883 min Scan# 884
Delta R.T. 0.019 min
Lab File: VV033385.D
Acq: 15 Dec 2023 18:24

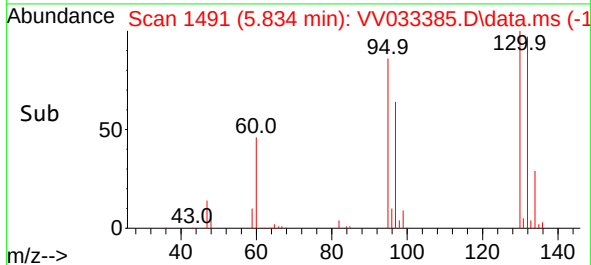
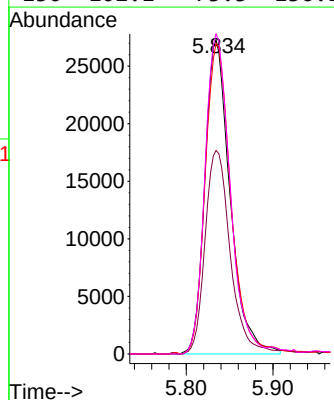
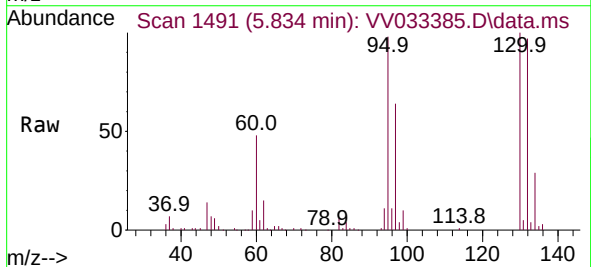
Instrument :
MSVOA_V
ClientSampleId :

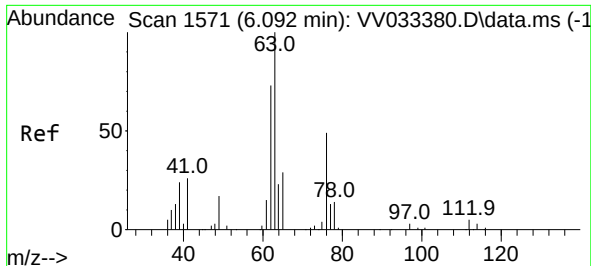
Tgt Ion: 43 Resp: 14463
Ion Ratio Lower Upper
43 100
72 12.7 12.4 37.4



#34
Trichloroethene
Concen: 33.230 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV033385.D
Acq: 15 Dec 2023 18:24

Tgt Ion: 95 Resp: 55221
Ion Ratio Lower Upper
95 100
97 64.9 44.8 83.2
132 99.0 69.9 129.7
130 102.1 73.3 136.1





#37

1,2-Dichloropropane

Concen: 0.898 ug/L

RT: 6.098 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV033385.D

Acq: 15 Dec 2023 18:24

Instrument :

MSVOA_V

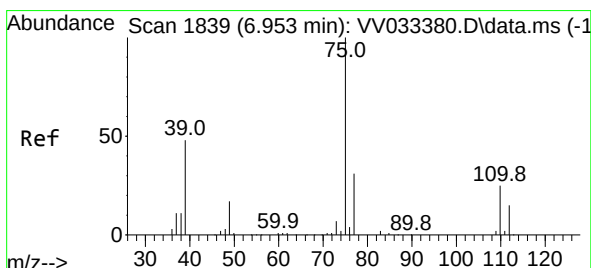
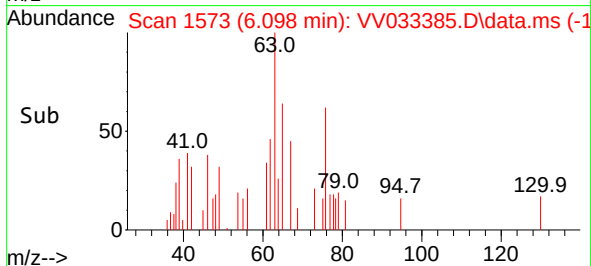
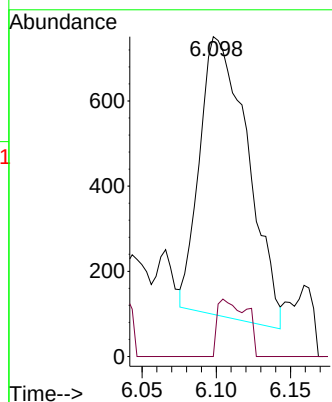
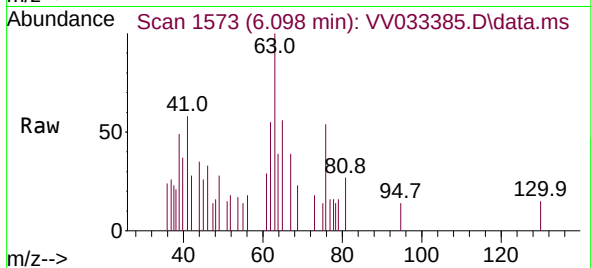
ClientSampleId :

Tgt Ion: 63 Resp: 1475

Ion Ratio Lower Upper

63 100

112 9.4 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 1.286 ug/L

RT: 6.915 min Scan# 1827

Delta R.T. -0.039 min

Lab File: VV033385.D

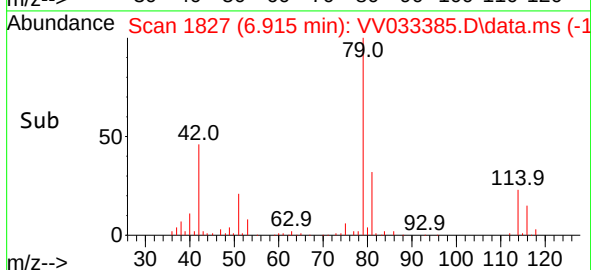
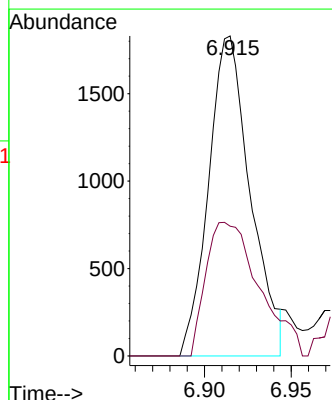
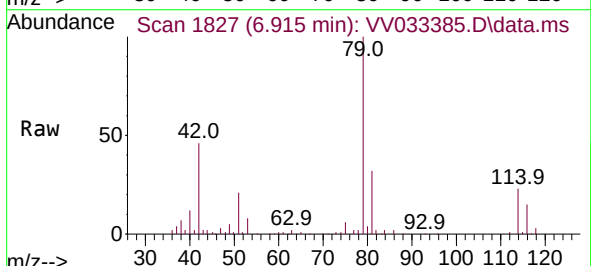
Acq: 15 Dec 2023 18:24

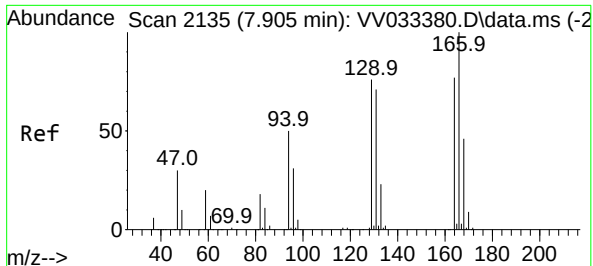
Tgt Ion: 75 Resp: 3073

Ion Ratio Lower Upper

75 100

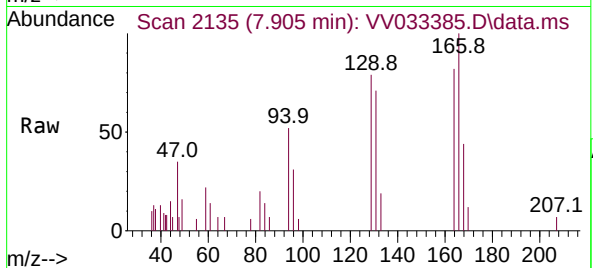
77 40.5 22.3 41.3





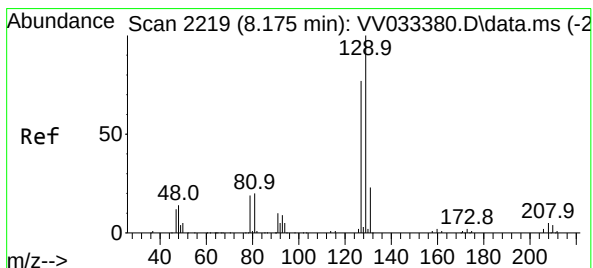
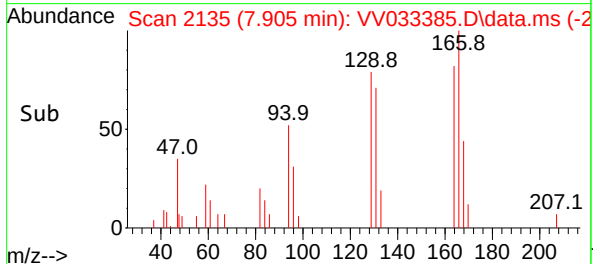
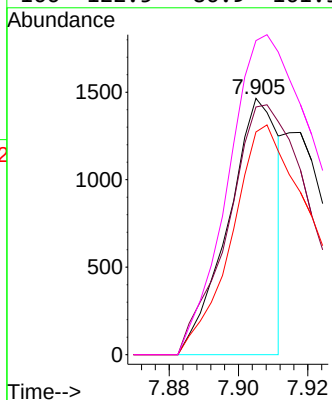
#46
Tetrachloroethene
Concen: 1.132 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV033385.D
Acq: 15 Dec 2023 18:24

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 1470

Ion	Ratio	Lower	Upper
164	100		
129	96.7	68.9	127.9
131	86.9	65.3	121.3
166	122.5	86.9	161.3



#49
Dibromochloromethane
Concen: 1.356 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.267 min
Lab File: VV033385.D
Acq: 15 Dec 2023 18:24

Tgt Ion:129 Resp: 2455

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.3	98.9#

