

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022426.D
 Acq On : 30 Sep 2021 12:54
 Operator : SY/MD
 Sample : M3978-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A19

Quant Time: Oct 01 02:40:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 02:38:11 2021
 Response via : Initial Calibration

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

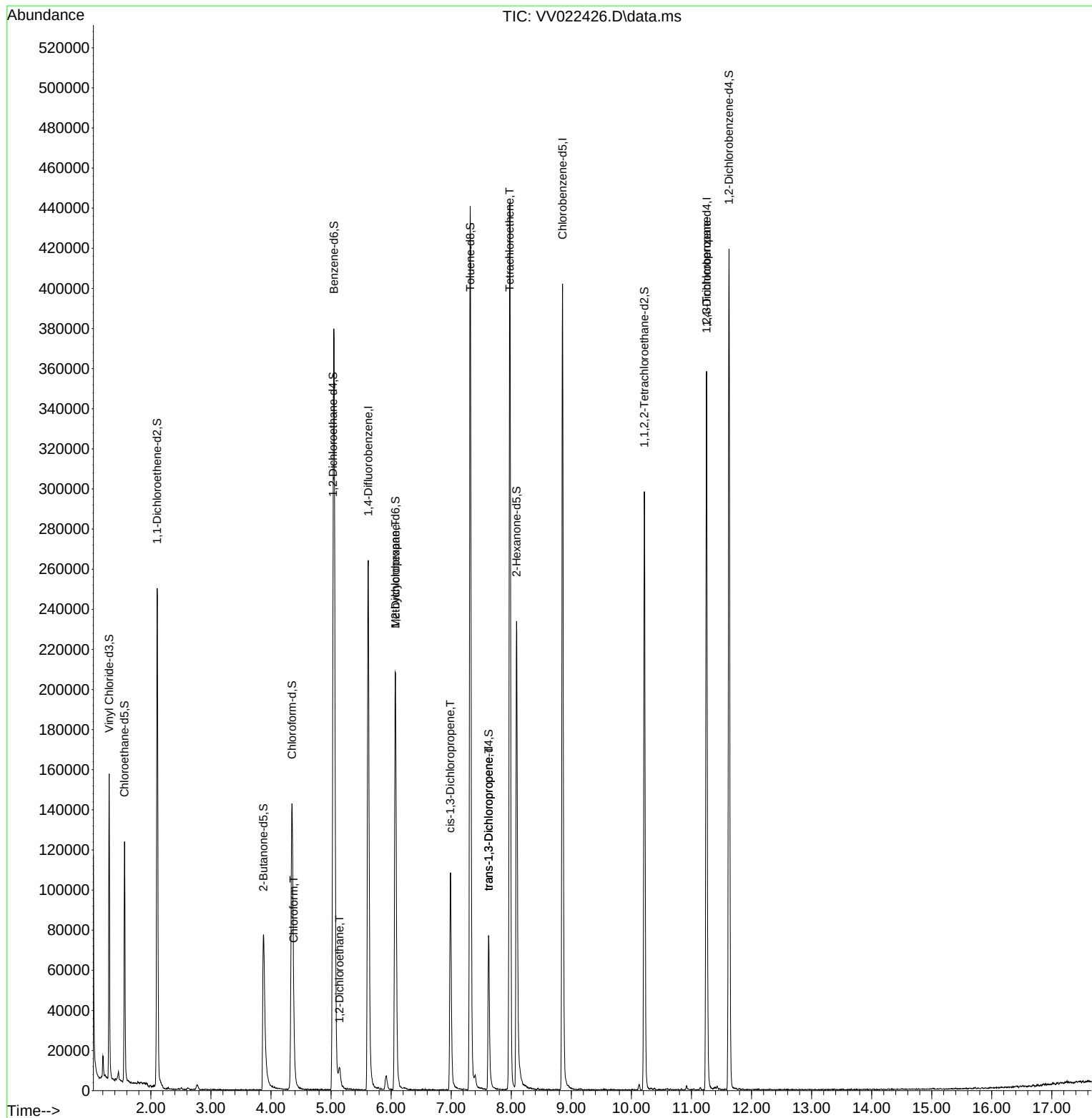
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	230963	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	227369	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	100020	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	96637	49.303	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.600%
7) Chloroethane-d5	1.561	69	75815	48.903	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.105	63	127624	37.450	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.900%
21) 2-Butanone-d5	3.873	46	123247	89.096	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.100%
24) Chloroform-d	4.349	84	148509	41.960	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.920%
26) 1,2-Dichloroethane-d4	5.034	65	99648	45.911	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.820%
32) Benzene-d6	5.050	84	337389	47.169	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.340%
36) 1,2-Dichloropropane-d6	6.072	67	108007	47.199	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.400%
41) Toluene-d8	7.317	98	297705	45.472	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.940%
43) trans-1,3-Dichloroprop...	7.622	79	44833	42.905	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.820%
47) 2-Hexanone-d5	8.088	63	80983	87.095	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.090%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	143346	43.154	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.300%
66) 1,2-Dichlorobenzene-d4	11.625	152	113334	50.958	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.920%
Target Compounds						Qvalue
25) Chloroform	4.378	83	14657	4.499	ug/L	89
27) 1,2-Dichloroethane	5.140	62	8526	3.680	ug/L	96
35) Methylcyclohexane	6.072	83	25010	9.098	ug/L #	20
39) cis-1,3-Dichloropropene	6.986	75	2948	1.125	ug/L #	79
44) trans-1,3-Dichloropropene	7.622	75	2074	0.829	ug/L	85
46) Tetrachloroethene	7.976	164	103049	70.137	ug/L	97
61) 1,2,3-Trichloropropane	11.249	75	11692	6.266	ug/L #	64

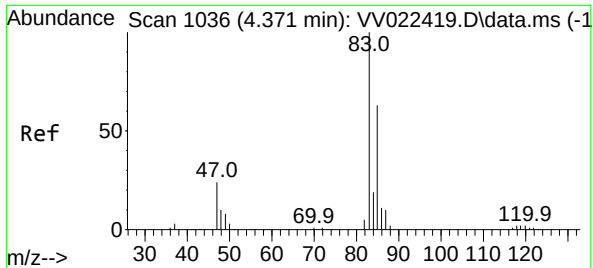
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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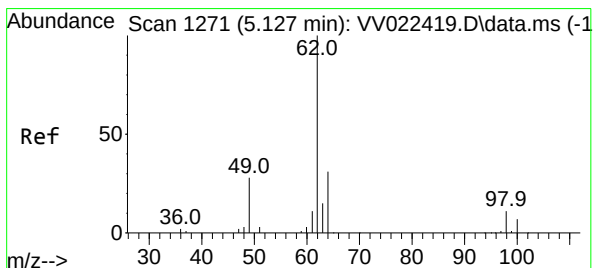
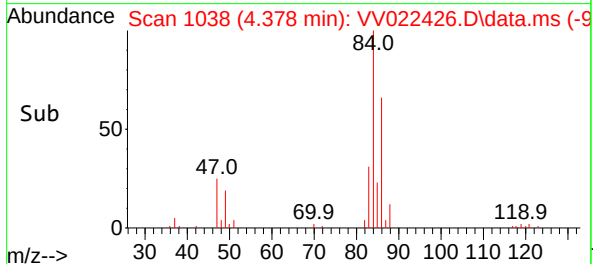
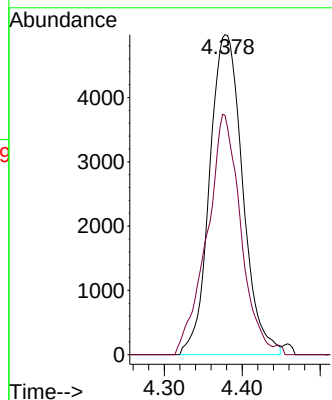
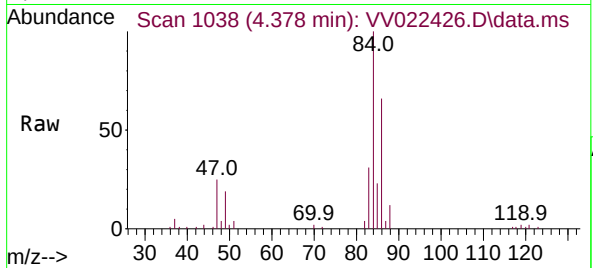




#25
Chloroform
Concen: 4.499 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV022426.D
Acq: 30 Sep 2021 12:54

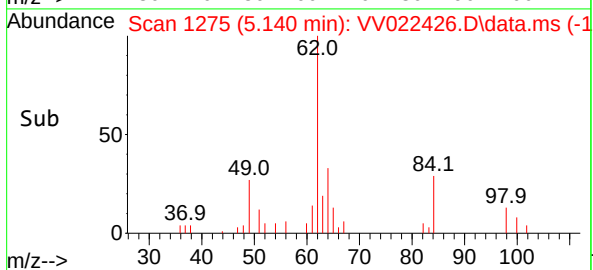
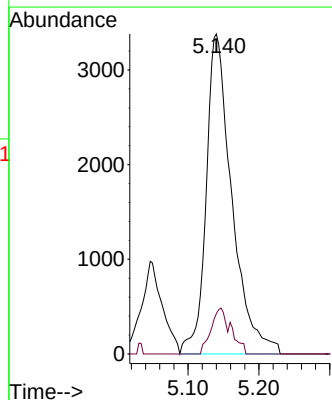
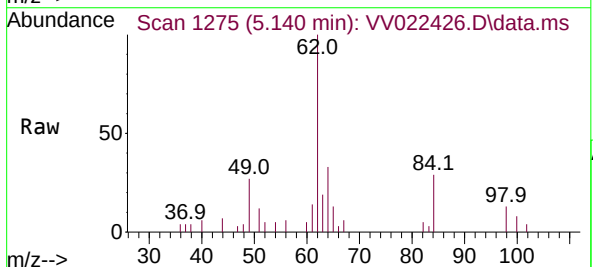
Instrument :
MSVOA_V
ClientSampled :
F4A19

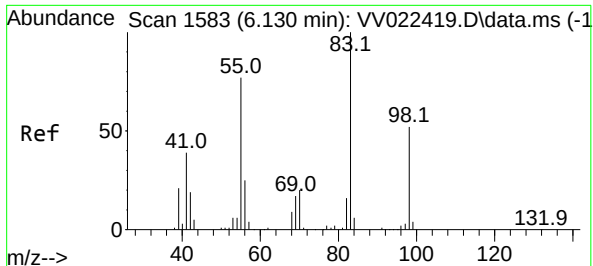
Tgt Ion: 83 Resp: 14657
Ion Ratio Lower Upper
83 100
85 74.8 46.5 86.3



#27
1,2-Dichloroethane
Concen: 3.680 ug/L
RT: 5.140 min Scan# 1275
Delta R.T. 0.013 min
Lab File: VV022426.D
Acq: 30 Sep 2021 12:54

Tgt Ion: 62 Resp: 8526
Ion Ratio Lower Upper
62 100
98 12.6 8.9 13.3





#35

Methylcyclohexane

Concen: 9.098 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV022426.D

Acq: 30 Sep 2021 12:54

Tgt Ion: 83 Resp: 25010

Ion Ratio Lower Upper

83 100

55 0.2 58.6 87.8#

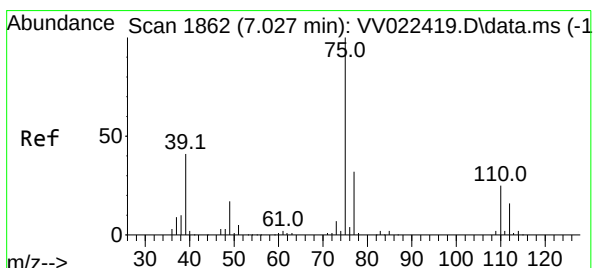
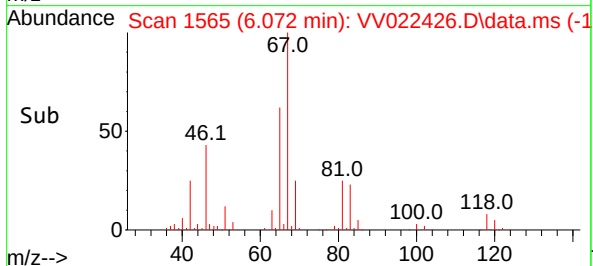
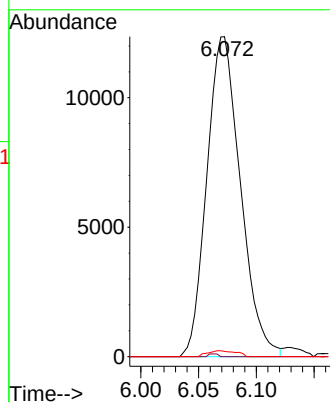
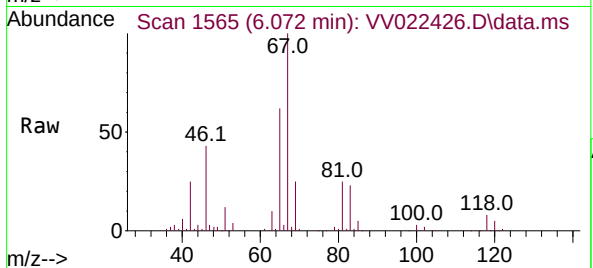
98 1.6 39.2 58.8#

Instrument :

MSVOA_V

ClientSampled :

F4A19



#39

cis-1,3-Dichloropropene

Concen: 1.125 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV022426.D

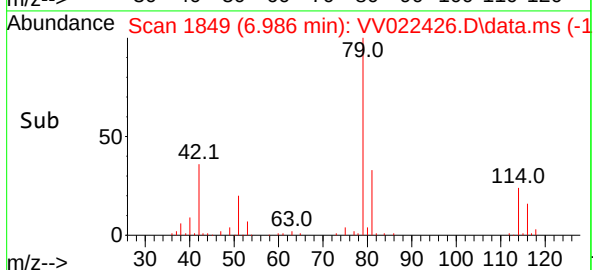
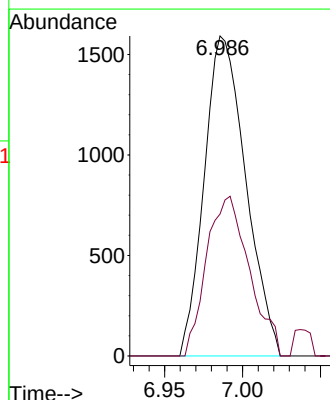
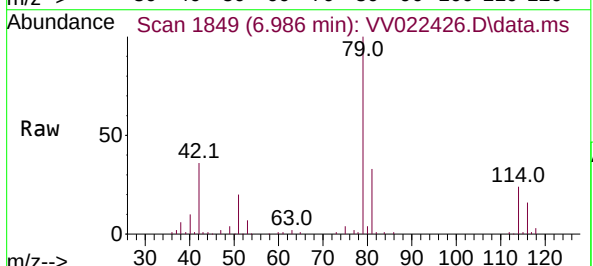
Acq: 30 Sep 2021 12:54

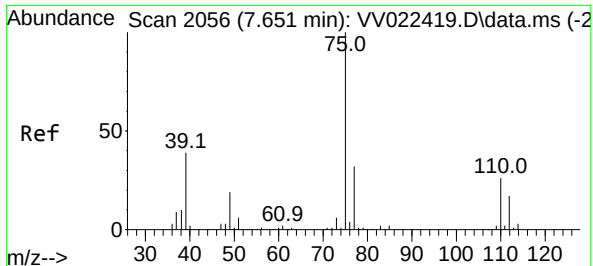
Tgt Ion: 75 Resp: 2948

Ion Ratio Lower Upper

75 100

77 44.3 22.7 42.1#

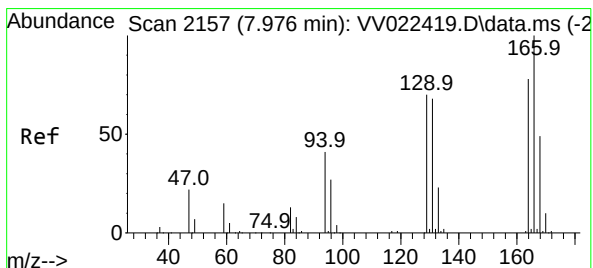
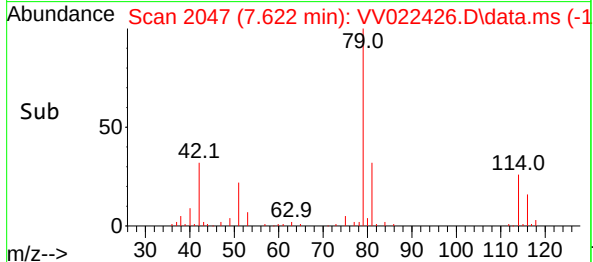
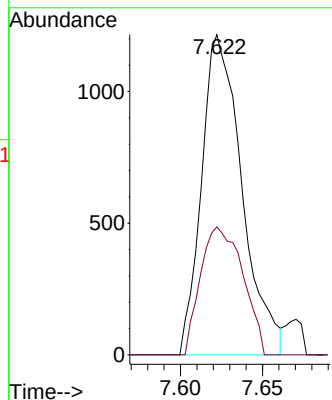
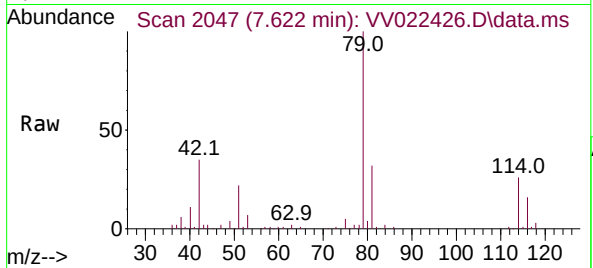




#44
trans-1,3-Dichloropropene
Concen: 0.829 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV022426.D
Acq: 30 Sep 2021 12:54

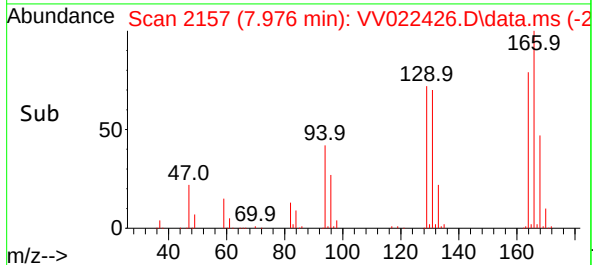
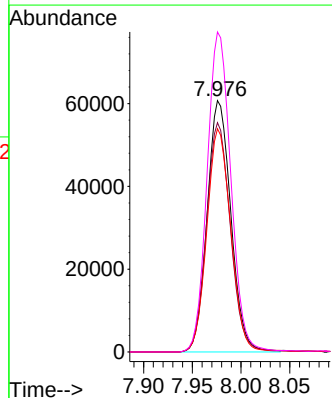
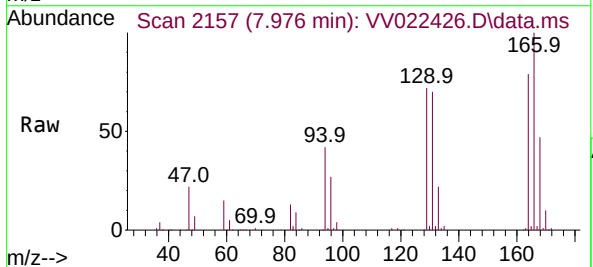
Instrument :
MSVOA_V
ClientSampled :
F4A19

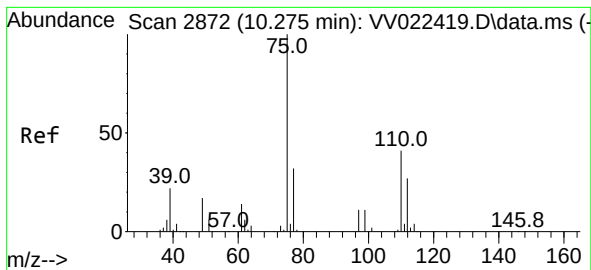
Tgt Ion: 75 Resp: 2074
Ion Ratio Lower Upper
75 100
77 40.0 22.3 41.3



#46
Tetrachloroethene
Concen: 70.137 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022426.D
Acq: 30 Sep 2021 12:54

Tgt Ion: 164 Resp: 103049
Ion Ratio Lower Upper
164 100
129 91.2 66.4 123.4
131 88.8 63.6 118.0
166 127.3 91.6 170.0





#61
 1,2,3-Trichloropropane
 Concen: 6.266 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022426.D
 Acq: 30 Sep 2021 12:54

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A19

Tgt Ion: 75 Resp: 11692
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.0
 110 2.2 32.6 48.8#

