

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060823\
 Data File : VV031443.D
 Acq On : 08 Jun 2023 12:44
 Operator : SY/MD
 Sample : 03077-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FB8

Quant Time: Jun 09 05:10:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 09 05:07:24 2023
 Response via : Initial Calibration

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

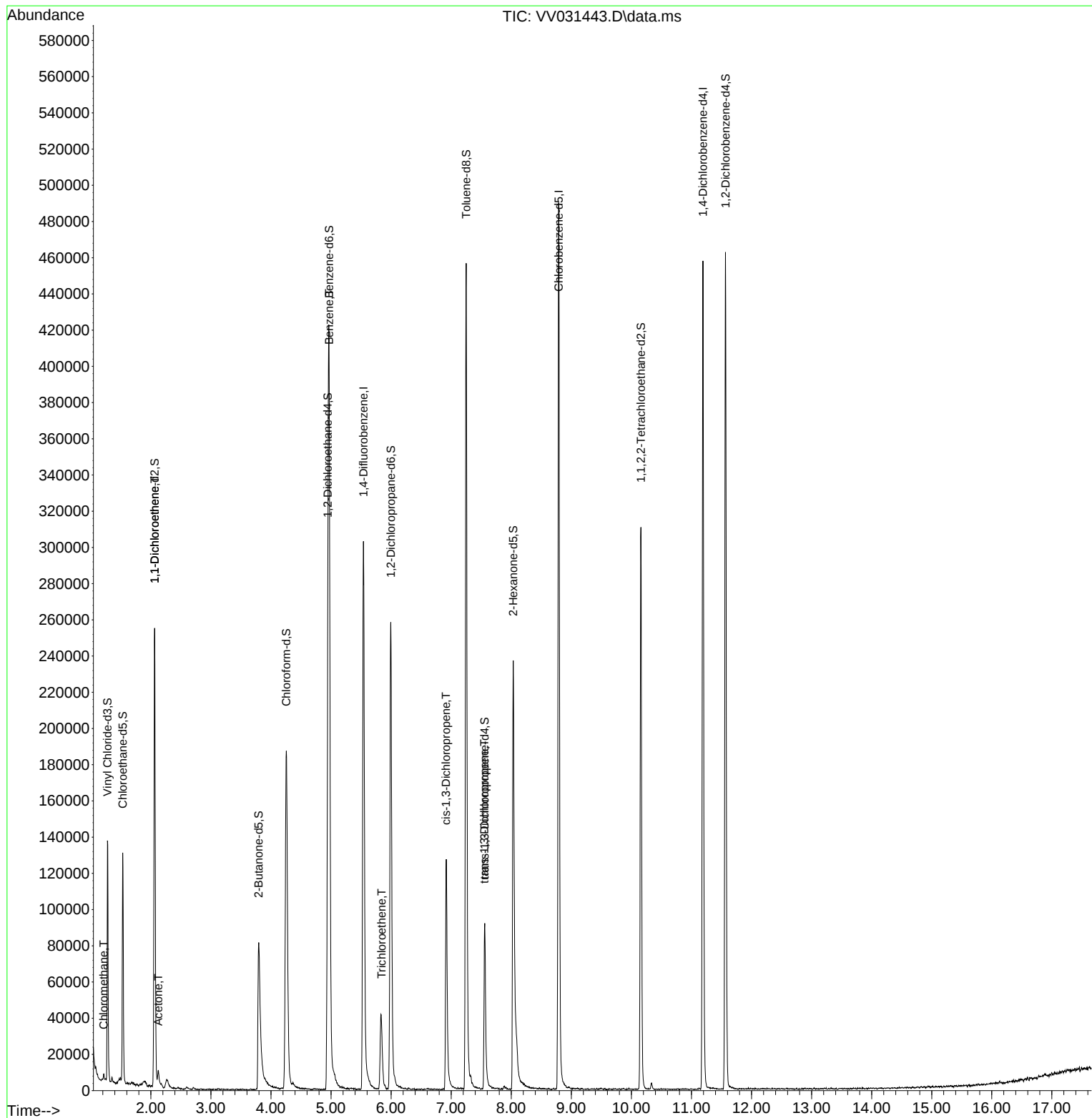
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	251193	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	254087	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	118451	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	88650	40.112	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.220%
7) Chloroethane-d5	1.532	69	82214	45.948	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.900%
11) 1,1-Dichloroethene-d2	2.063	65	44864	42.832	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.660%
21) 2-Butanone-d5	3.796	46	149469	93.581	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.580%
24) Chloroform-d	4.256	84	199411	47.434	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.860%
26) 1,2-Dichloroethane-d4	4.947	65	137055	48.597	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.200%
32) Benzene-d6	4.966	84	350552	46.730	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.460%
36) 1,2-Dichloropropane-d6	5.995	67	127794	49.010	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.020%
41) Toluene-d8	7.249	98	299857	43.513	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.020%
43) trans-1,3-Dichloroprop...	7.558	79	57444	43.735	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.460%
47) 2-Hexanone-d5	8.034	63	74425	75.782	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.780%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	146002	44.368	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.740%
66) 1,2-Dichlorobenzene-d4	11.567	152	114611	52.160	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.320%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1819	2.225	ug/L	86
12) 1,1-Dichloroethene	2.063	96	1625	1.622	ug/L #	1
13) Acetone	2.124	43	8160	5.711	ug/L	95
33) Benzene	4.969	78	3226	0.575	ug/L	100
34) Trichloroethene	5.841	95	6990	3.957	ug/L	90
39) cis-1,3-Dichloropropene	6.915	75	3410	1.131	ug/L #	70
44) trans-1,3-Dichloropropene	7.555	75	2654	0.868	ug/L	90

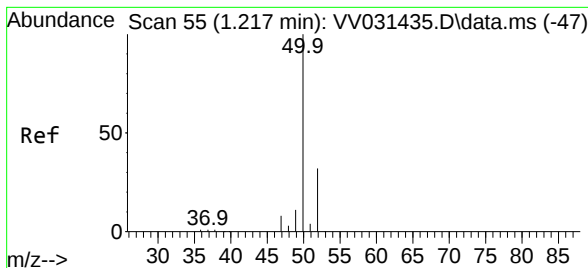
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jun 09 05:07:24 2023
Response via : Initial Calibration





#3

Chloromethane

Concen: 2.225 ug/L

RT: 1.217 min Scan# 50

Delta R.T. 0.000 min

Lab File: VV031443.D

Acq: 08 Jun 2023 12:44

Instrument :

MSVOA_V

ClientSampleId :

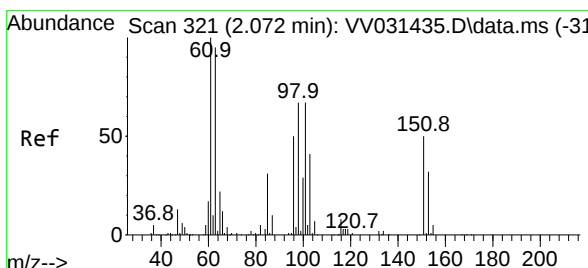
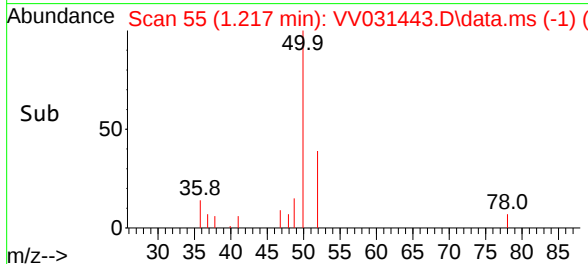
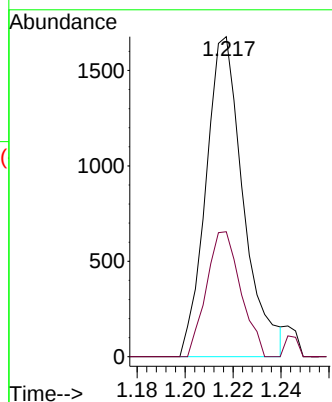
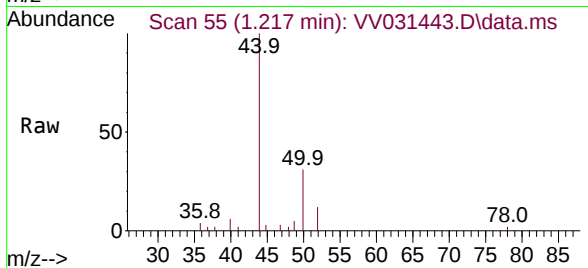
C0FB8

Tgt Ion: 50 Resp: 1819

Ion Ratio Lower Upper

50 100

52 39.1 21.9 40.7



#12

1,1-Dichloroethene

Concen: 1.622 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.010 min

Lab File: VV031443.D

Acq: 08 Jun 2023 12:44

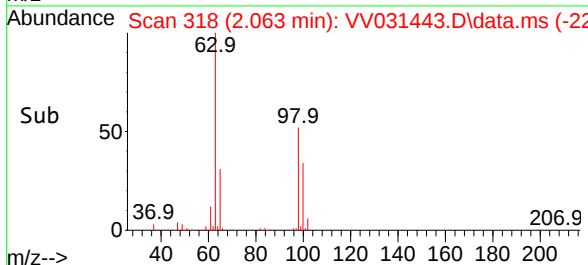
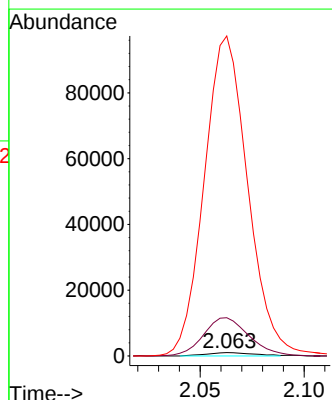
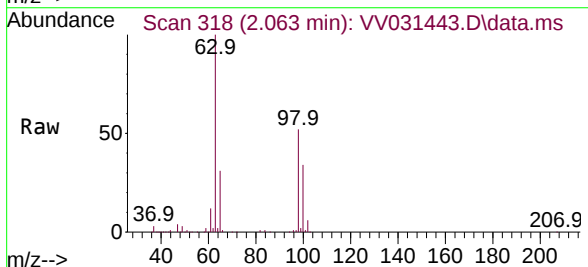
Tgt Ion: 96 Resp: 1625

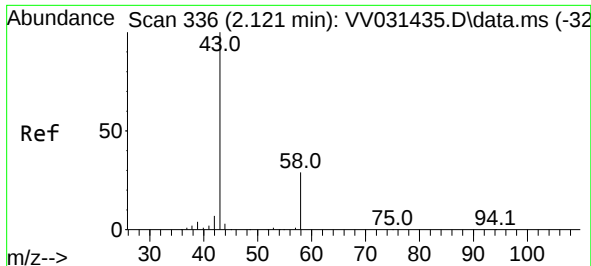
Ion Ratio Lower Upper

96 100

61 1123.9 143.9 267.3#

63 9401.4 158.3 293.9#





#13

Acetone

Concen: 5.711 ug/L

RT: 2.124 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV031443.D

Acq: 08 Jun 2023 12:44

Instrument :

MSVOA_V

ClientSampleId :

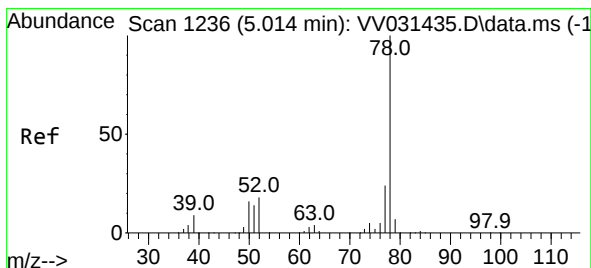
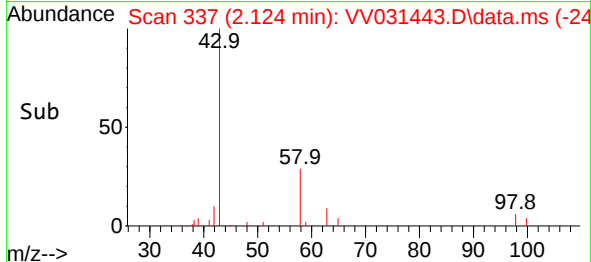
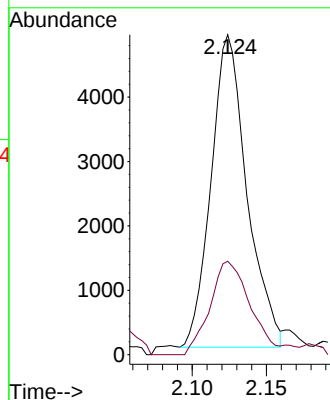
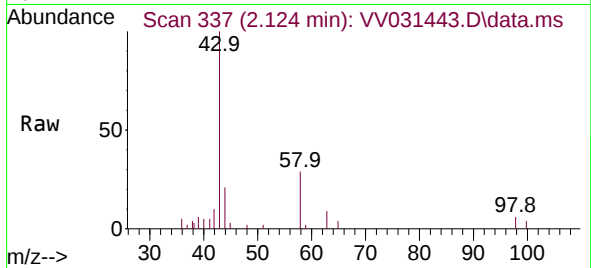
C0FB8

Tgt Ion: 43 Resp: 8160

Ion Ratio Lower Upper

43 100

58 33.3 0.0 61.0



#33

Benzene

Concen: 0.575 ug/L

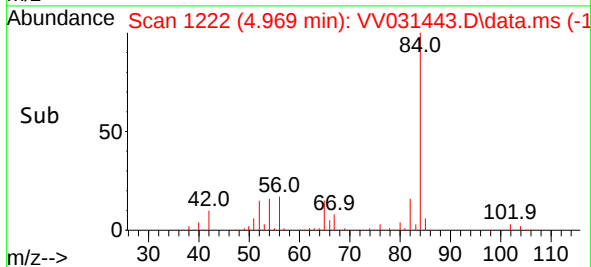
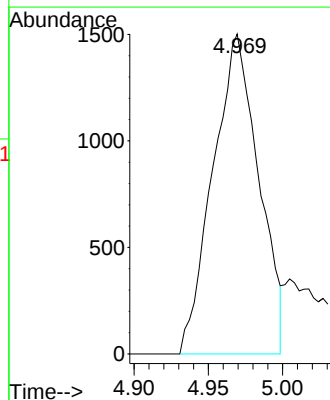
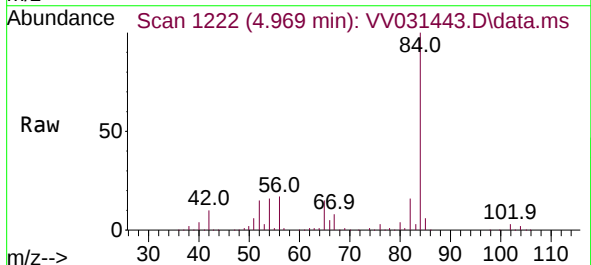
RT: 4.969 min Scan# 1222

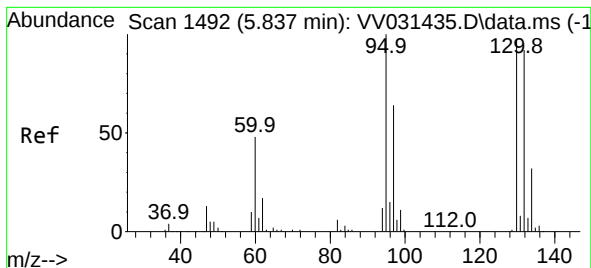
Delta R.T. -0.045 min

Lab File: VV031443.D

Acq: 08 Jun 2023 12:44

Tgt Ion: 78 Resp: 3226





#34

Trichloroethene

Concen: 3.957 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VV031443.D

Acq: 08 Jun 2023 12:44

Instrument :

MSVOA_V

ClientSampleId :

C0FB8

Tgt Ion: 95 Resp: 6990

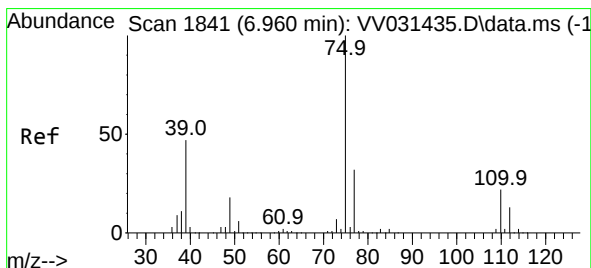
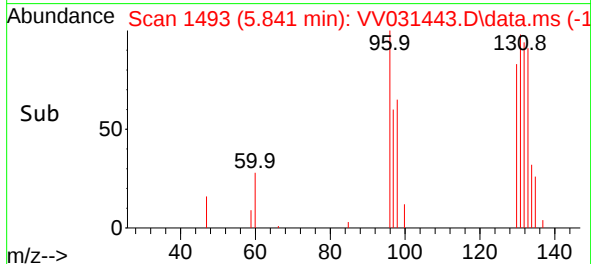
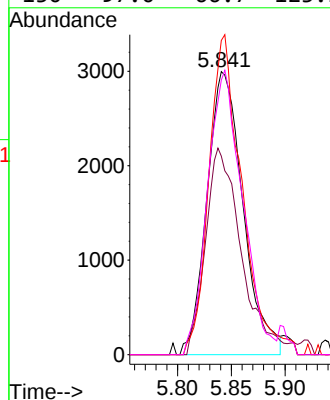
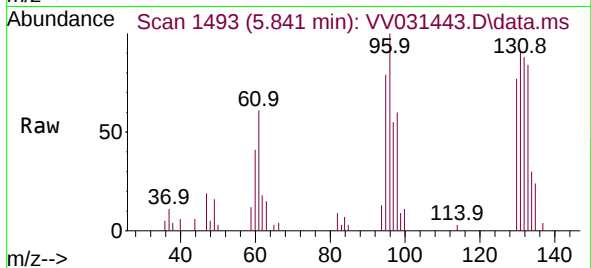
Ion Ratio Lower Upper

95 100

97 70.2 44.2 82.0

132 111.1 64.2 119.2

130 97.0 66.7 123.9



#39

cis-1,3-Dichloropropene

Concen: 1.131 ug/L

RT: 6.915 min Scan# 1827

Delta R.T. -0.045 min

Lab File: VV031443.D

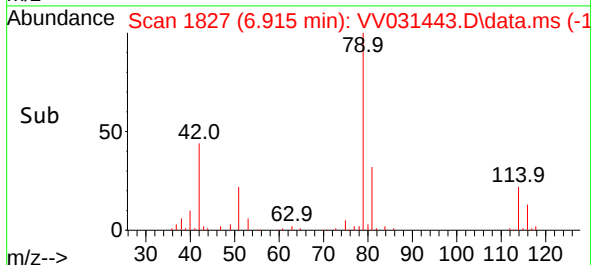
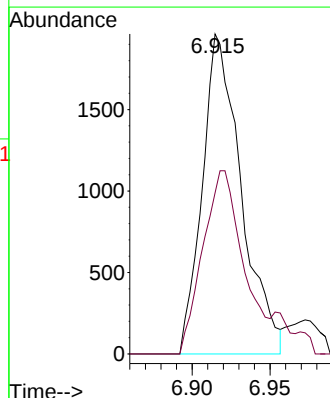
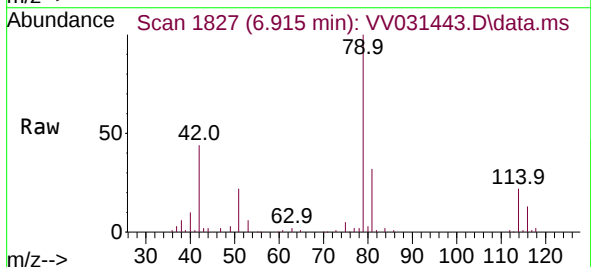
Acq: 08 Jun 2023 12:44

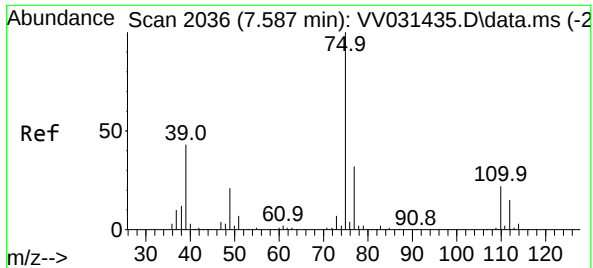
Tgt Ion: 75 Resp: 3410

Ion Ratio Lower Upper

75 100

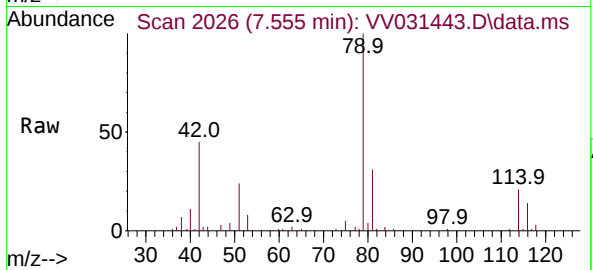
77 50.4 23.2 43.2#





#44
 trans-1,3-Dichloropropene
 Concen: 0.868 ug/L
 RT: 7.555 min Scan# 2036
 Delta R.T. -0.032 min
 Lab File: VV031443.D
 Acq: 08 Jun 2023 12:44

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FB8



Tgt Ion: 75 Resp: 2654
 Ion Ratio Lower Upper
 75 100
 77 37.5 22.2 41.2

