

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060823\
 Data File : VV031466.D
 Acq On : 08 Jun 2023 22:53
 Operator : SY/MD
 Sample : 03106-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FD6

Quant Time: Jun 09 06:53:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 09 06:27:10 2023
 Response via : Initial Calibration

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

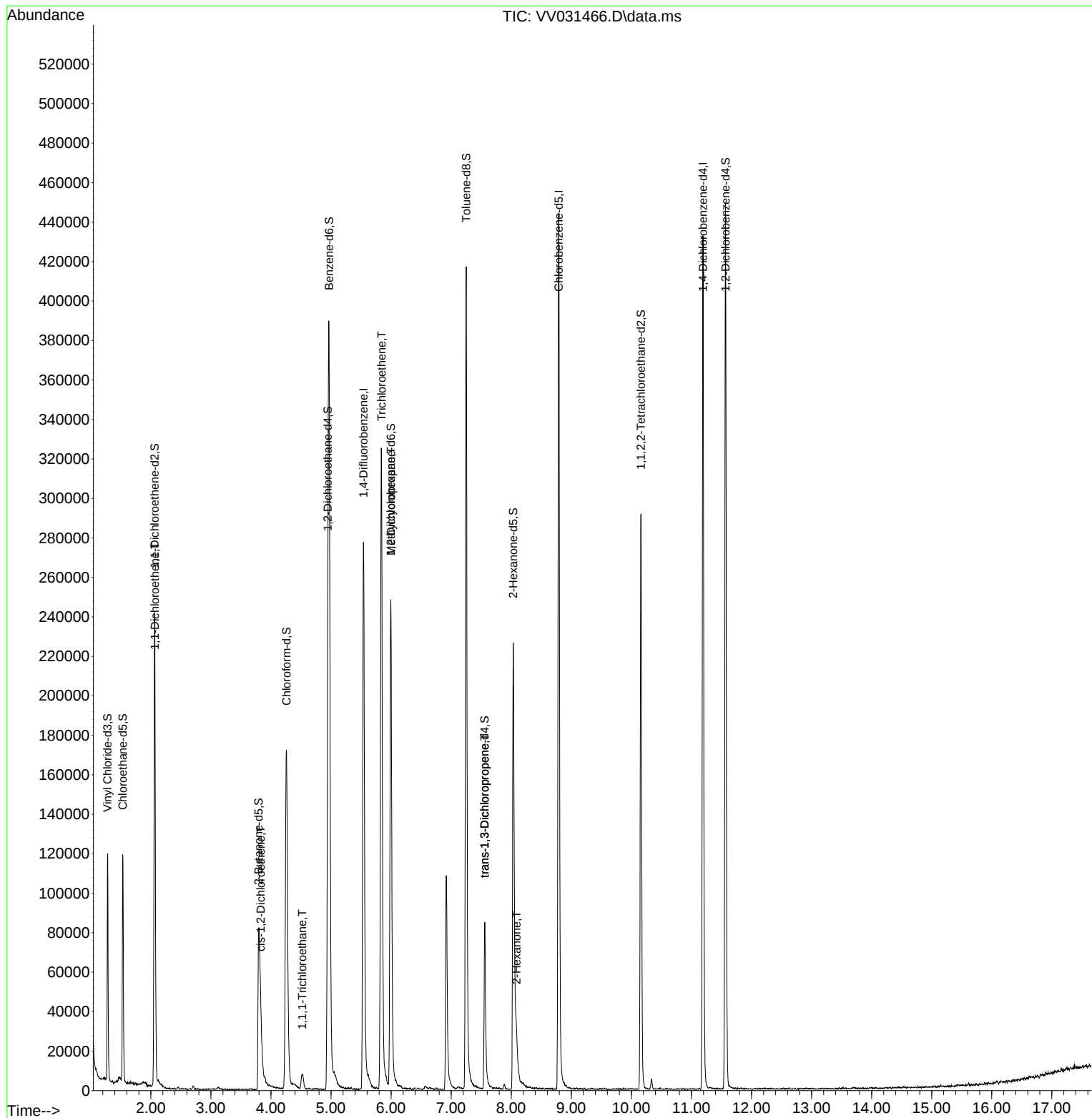
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	226297	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	236394	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	112805	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	76384	38.364	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.720%
7) Chloroethane-d5	1.532	69	74589	46.272	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.540%
11) 1,1-Dichloroethene-d2	2.063	65	41674	44.163	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.320%
21) 2-Butanone-d5	3.796	46	134006	93.130	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.130%
24) Chloroform-d	4.256	84	186424	49.223	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.440%
26) 1,2-Dichloroethane-d4	4.947	65	129994	51.164	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.320%
32) Benzene-d6	4.966	84	319918	45.838	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.680%
36) 1,2-Dichloropropane-d6	5.995	67	124256	51.219	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.440%
41) Toluene-d8	7.249	98	276112	43.066	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.140%
43) trans-1,3-Dichloroprop...	7.558	79	50194	41.075	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.160%
47) 2-Hexanone-d5	8.034	63	71782	78.562	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.560%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	138289	45.170	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.340%
66) 1,2-Dichlorobenzene-d4	11.567	152	113606	54.290	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.580%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.069	96	6510	7.211	ug/L #	1
20) cis-1,2-Dichloroethene	3.828	96	9748	7.005	ug/L	90
30) 1,1,1-Trichloroethane	4.519	97	6151	2.204	ug/L #	75
34) Trichloroethene	5.841	95	114194	69.490	ug/L	99
35) Methylcyclohexane	5.995	83	28944	20.594	ug/L #	13
44) trans-1,3-Dichloropropene	7.558	75	2499	0.878	ug/L #	82
48) 2-Hexanone	8.088	43	13826	5.792	ug/L #	50

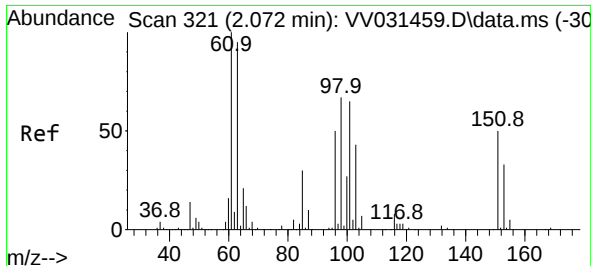
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 09 06:27:10 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 7.211 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031466.D

Acq: 08 Jun 2023 22:53

Instrument :

MSVOA_V

ClientSampleId :

C0FD6

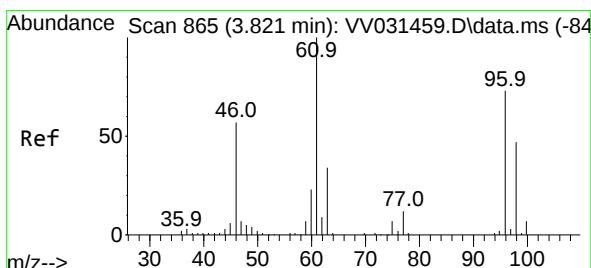
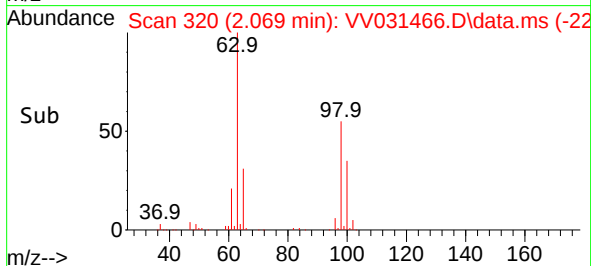
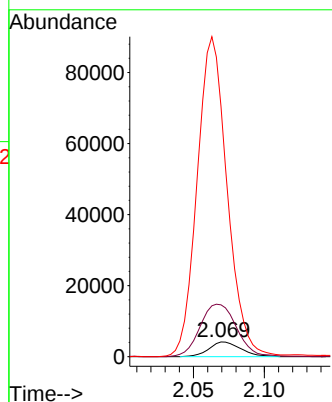
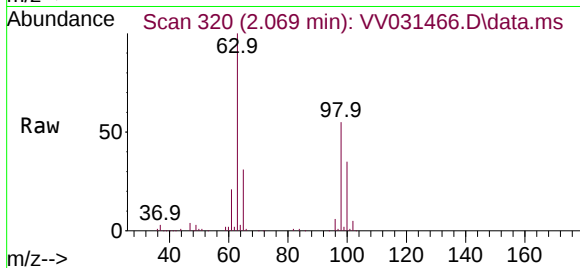
Tgt Ion: 96 Resp: 6510

Ion Ratio Lower Upper

96 100

61 351.9 143.9 267.3#

63 1698.0 158.3 293.9#



#20

cis-1,2-Dichloroethene

Concen: 7.005 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.007 min

Lab File: VV031466.D

Acq: 08 Jun 2023 22:53

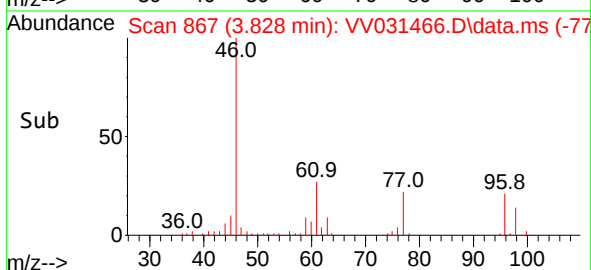
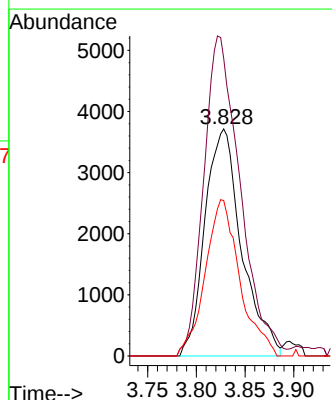
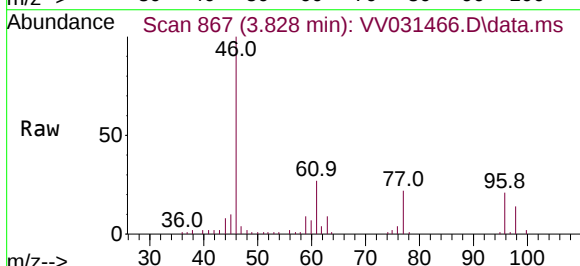
Tgt Ion: 96 Resp: 9748

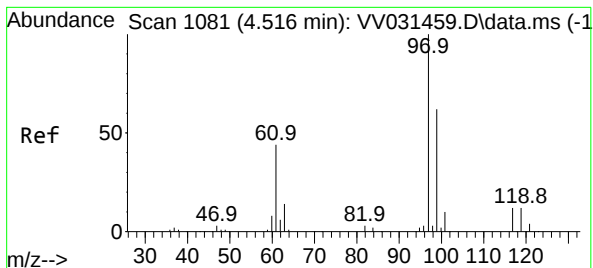
Ion Ratio Lower Upper

96 100

61 131.0 101.6 188.6

98 68.4 44.4 82.4





#30

1,1,1-Trichloroethane

Concen: 2.204 ug/L

RT: 4.519 min Scan# 1081

Delta R.T. 0.003 min

Lab File: VV031466.D

Acq: 08 Jun 2023 22:53

Instrument :

MSVOA_V

ClientSampleId :

C0FD6

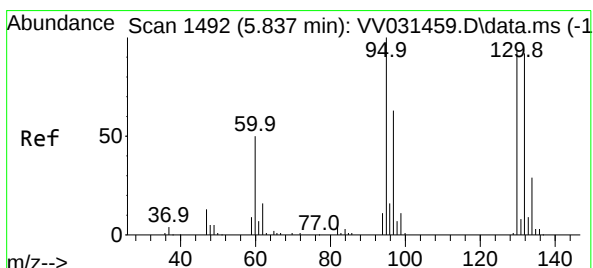
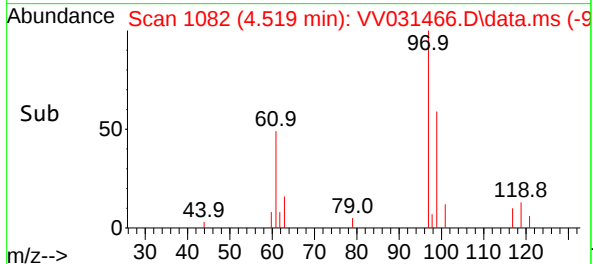
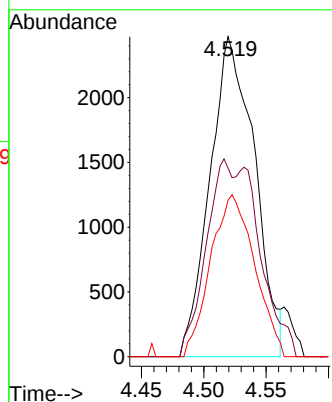
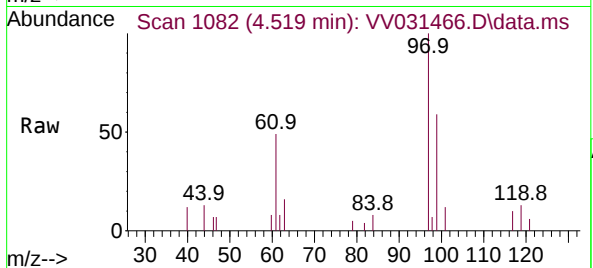
Tgt Ion: 97 Resp: 6151

Ion Ratio Lower Upper

97 100

99 36.2 51.9 77.9#

61 50.0 36.1 54.1



#34

Trichloroethene

Concen: 69.490 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VV031466.D

Acq: 08 Jun 2023 22:53

Tgt Ion: 95 Resp: 114194

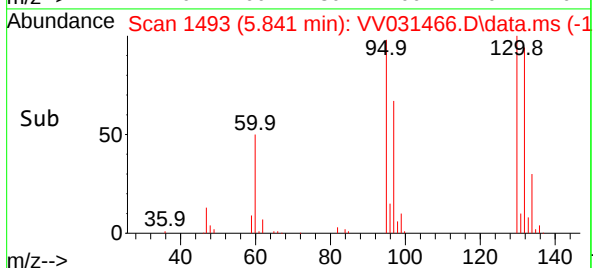
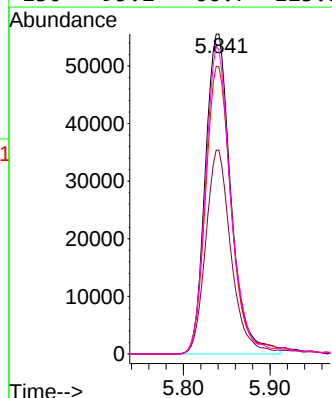
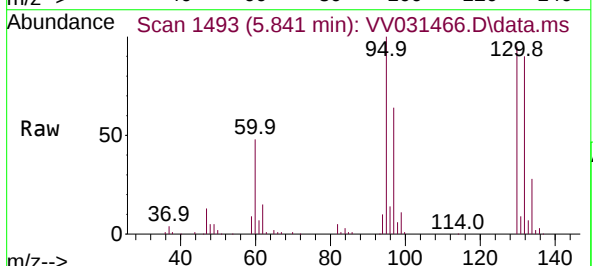
Ion Ratio Lower Upper

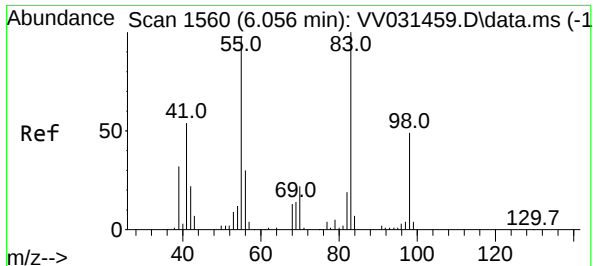
95 100

97 63.7 44.2 82.0

132 89.7 64.2 119.2

130 95.2 66.7 123.9

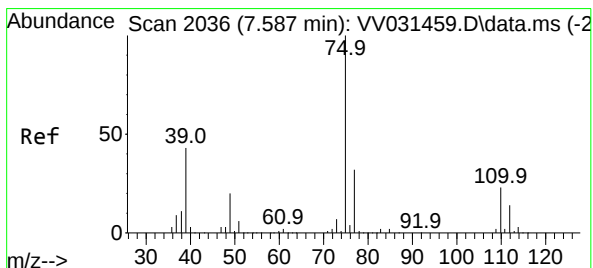
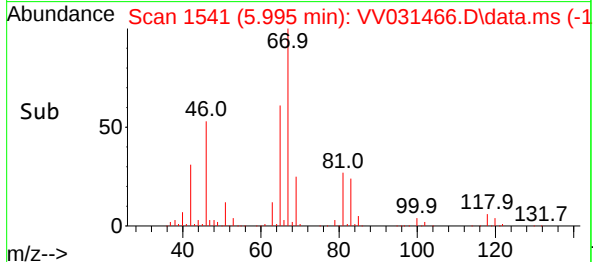
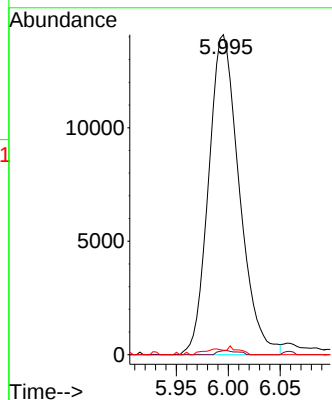
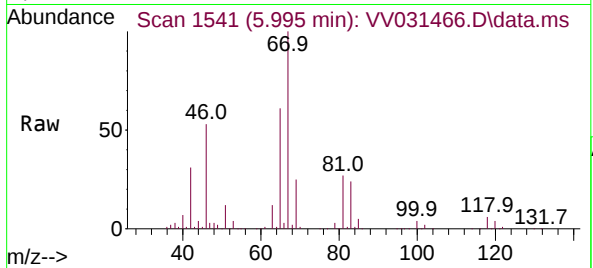




#35
Methylcyclohexane
Concen: 20.594 ug/L
RT: 5.995 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV031466.D
Acq: 08 Jun 2023 22:53

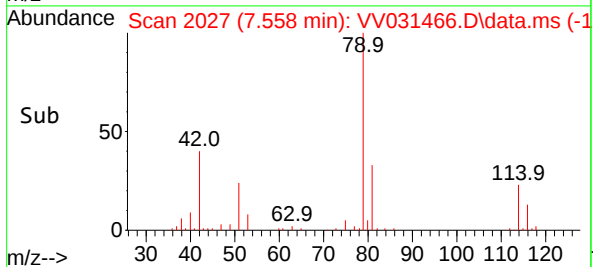
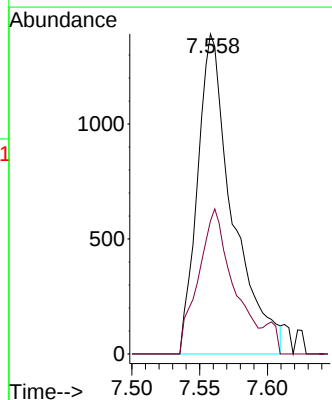
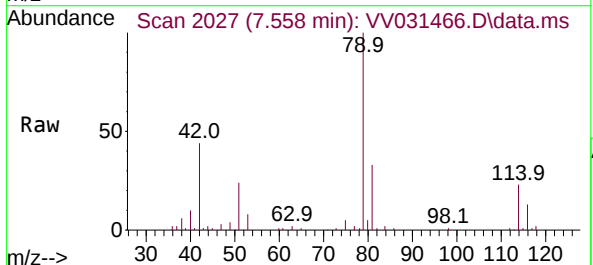
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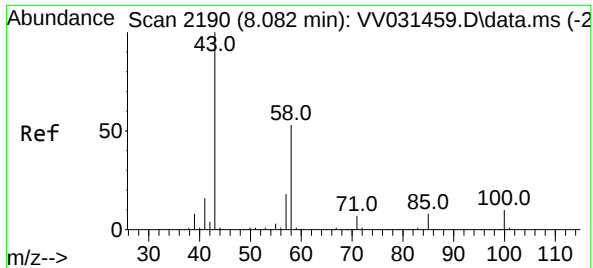
Tgt Ion: 83 Resp: 28944
Ion Ratio Lower Upper
83 100
55 0.8 73.9 110.9#
98 0.2 37.0 55.4#



#44
trans-1,3-Dichloropropene
Concen: 0.878 ug/L
RT: 7.558 min Scan# 2027
Delta R.T. -0.029 min
Lab File: VV031466.D
Acq: 08 Jun 2023 22:53

Tgt Ion: 75 Resp: 2499
Ion Ratio Lower Upper
75 100
77 41.5 22.2 41.2#





#48
 2-Hexanone
 Concen: 5.792 ug/L
 RT: 8.088 min Scan# 2190
 Delta R.T. 0.007 min
 Lab File: VV031466.D
 Acq: 08 Jun 2023 22:53

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FD6

Tgt Ion: 43	Resp:	13826
Ion	Ratio	Lower Upper
43	100	
58	6.0	42.9 64.3#
57	6.5	14.6 22.0#
100	8.7	8.2 12.2

