

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060723\
 Data File : VV031423.D
 Acq On : 08 Jun 2023 01:30
 Operator : SY/MD
 Sample : 03076-17
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FA3

Quant Time: Jun 08 05:46:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 08 05:16:53 2023
 Response via : Initial Calibration

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

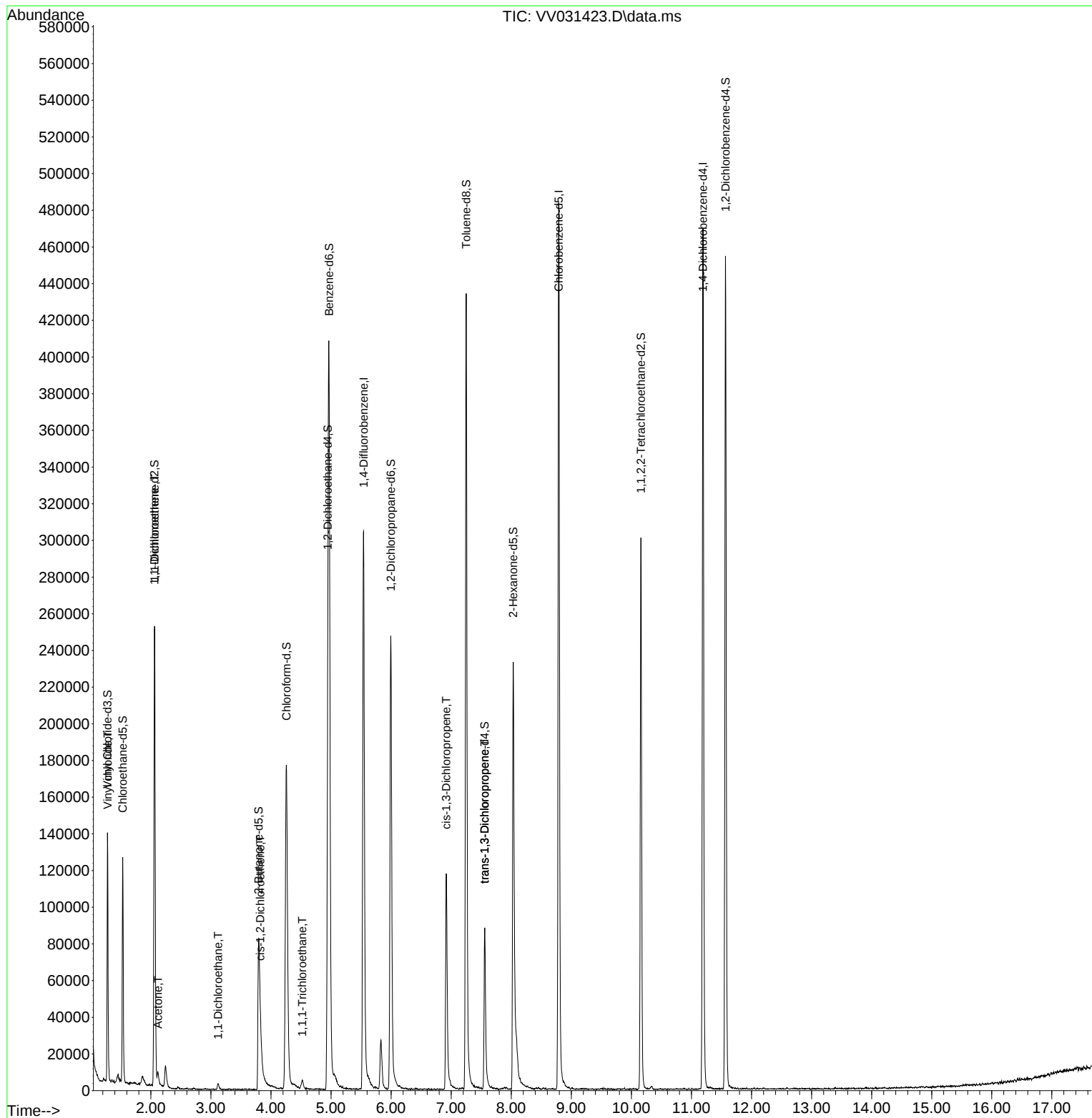
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	243681	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	253447	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	120614	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	88495	41.276	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.560%
7) Chloroethane-d5	1.532	69	77499	44.648	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.300%
11) 1,1-Dichloroethene-d2	2.059	65	44511	43.805	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.600%
21) 2-Butanone-d5	3.796	46	144005	92.940	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.940%
24) Chloroform-d	4.256	84	188610	46.248	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.500%
26) 1,2-Dichloroethane-d4	4.947	65	132480	48.423	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.840%
32) Benzene-d6	4.966	84	335671	44.859	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.720%
36) 1,2-Dichloropropane-d6	5.995	67	119570	45.972	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.940%
41) Toluene-d8	7.249	98	290128	42.208	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.420%
43) trans-1,3-Dichloroprop...	7.558	79	52380	39.980	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.960%
47) 2-Hexanone-d5	8.034	63	74289	75.835	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.830%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	141846	43.214	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.420%
66) 1,2-Dichlorobenzene-d4	11.567	152	112199	50.146	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.300%
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	2034	2.150	ug/L #	14
12) 1,1-Dichloroethene	2.063	96	2539	2.612	ug/L #	1
13) Acetone	2.121	43	6692	4.828	ug/L	94
19) 1,1-Dichloroethane	3.121	63	3376	1.059	ug/L #	86
20) cis-1,2-Dichloroethene	3.821	96	3793	2.531	ug/L	81
30) 1,1,1-Trichloroethane	4.519	97	3800	1.270	ug/L #	83
39) cis-1,3-Dichloropropene	6.918	75	3126	1.039	ug/L #	66
44) trans-1,3-Dichloropropene	7.558	75	2678	0.878	ug/L #	71

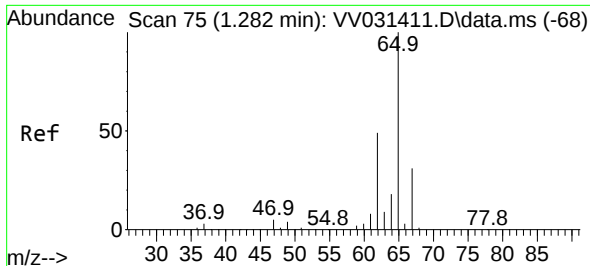
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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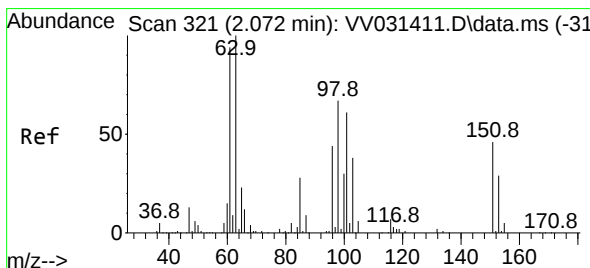
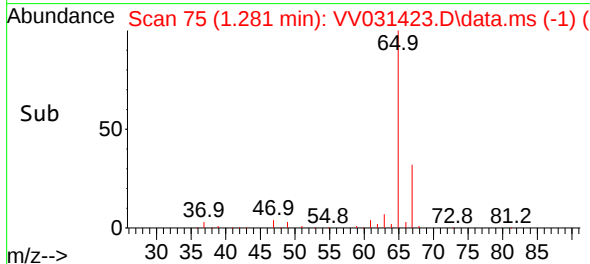
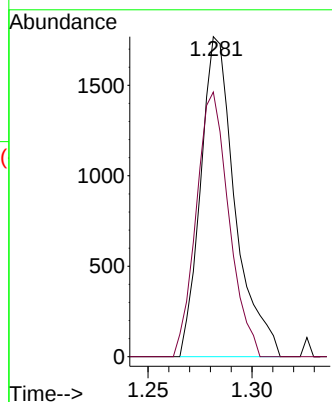
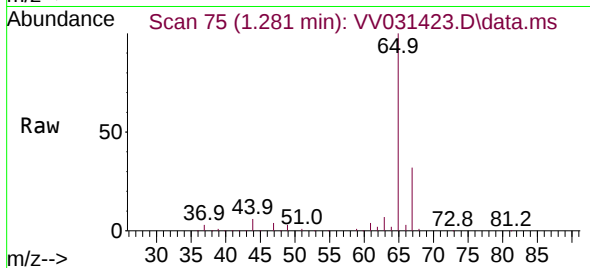




#5
 Vinyl chloride
 Concen: 2.150 ug/L
 RT: 1.281 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV031423.D
 Acq: 08 Jun 2023 01:30

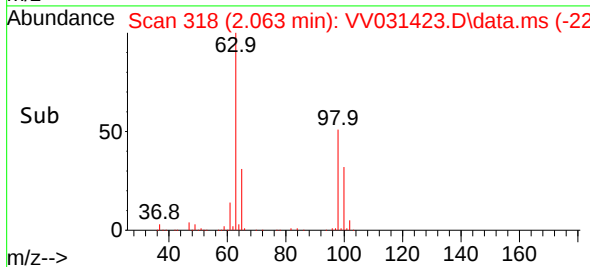
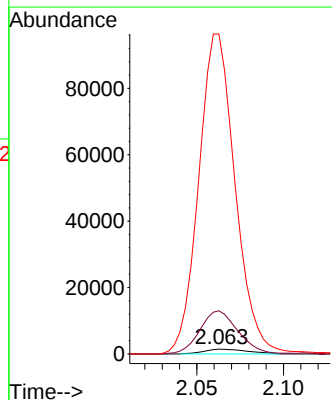
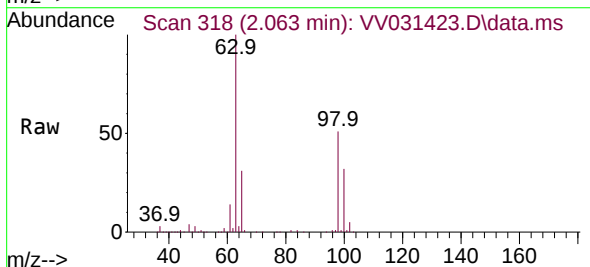
Instrument :
 MSVOA_V
 ClientSampleId :
 C0FA3

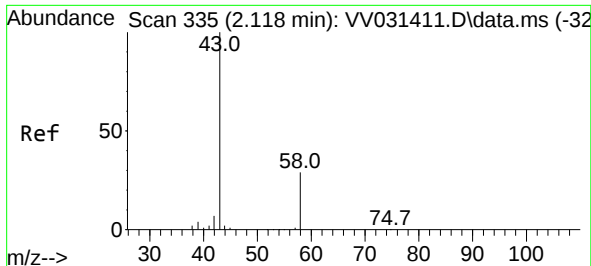
Tgt Ion: 62 Resp: 2034
 Ion Ratio Lower Upper
 62 100
 64 82.7 23.7 43.9#



#12
 1,1-Dichloroethene
 Concen: 2.612 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.010 min
 Lab File: VV031423.D
 Acq: 08 Jun 2023 01:30

Tgt Ion: 96 Resp: 2539
 Ion Ratio Lower Upper
 96 100
 61 906.5 143.9 267.3#
 63 6713.1 158.3 293.9#





#13

Acetone

Concen: 4.828 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV031423.D

Acq: 08 Jun 2023 01:30

Instrument :

MSVOA_V

ClientSampleId :

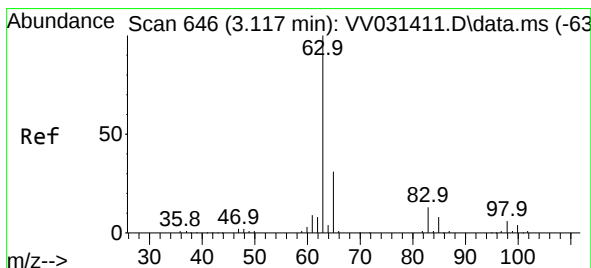
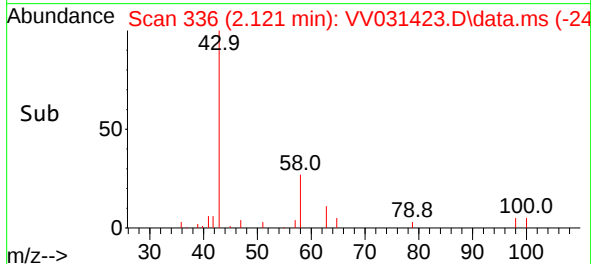
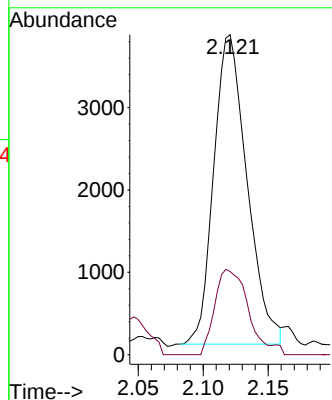
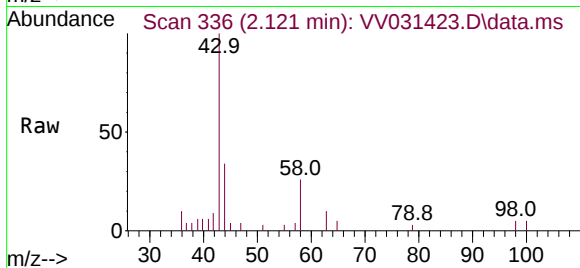
C0FA3

Tgt Ion: 43 Resp: 6692

Ion Ratio Lower Upper

43 100

58 27.1 0.0 61.0



#19

1,1-Dichloroethane

Concen: 1.059 ug/L

RT: 3.121 min Scan# 647

Delta R.T. 0.003 min

Lab File: VV031423.D

Acq: 08 Jun 2023 01:30

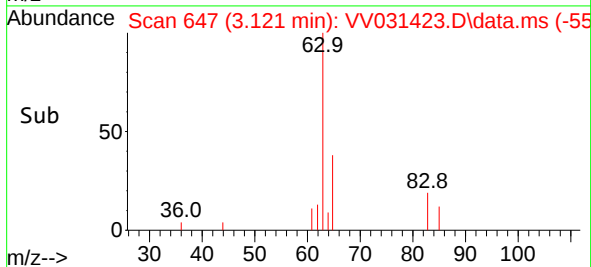
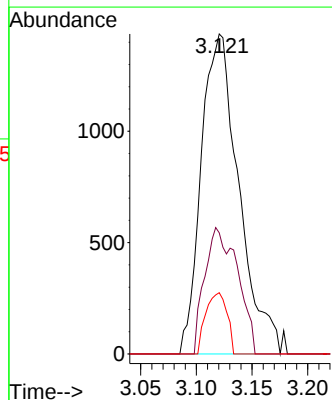
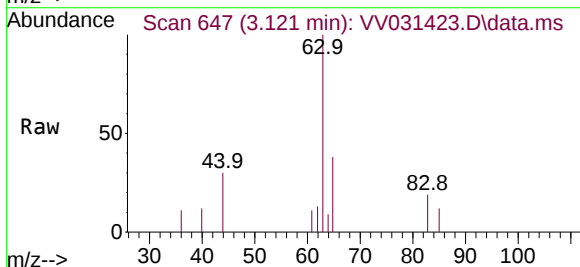
Tgt Ion: 63 Resp: 3376

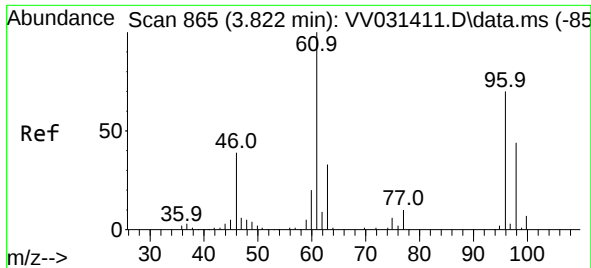
Ion Ratio Lower Upper

63 100

65 37.9 21.4 39.8

83 19.1 9.3 17.3#

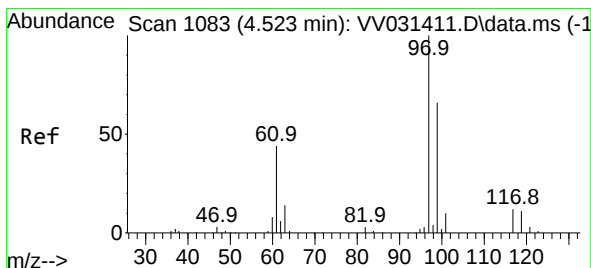
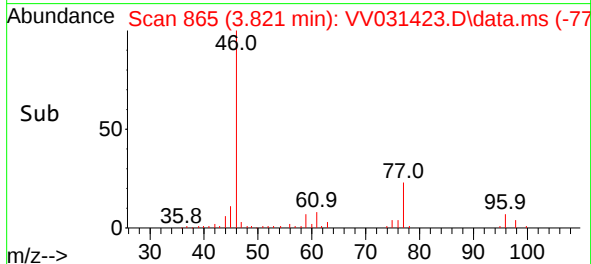
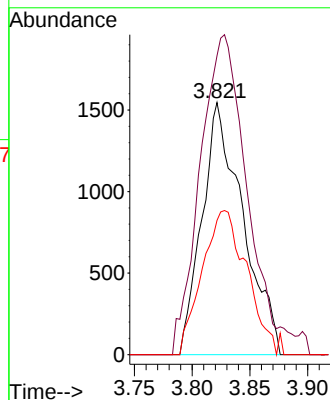
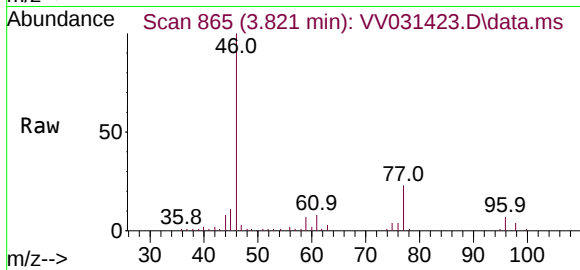




#20
 cis-1,2-Dichloroethene
 Concen: 2.531 ug/L
 RT: 3.821 min Scan# 865
 Delta R.T. -0.000 min
 Lab File: VV031423.D
 Acq: 08 Jun 2023 01:30

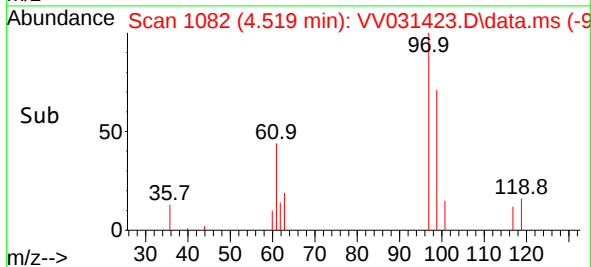
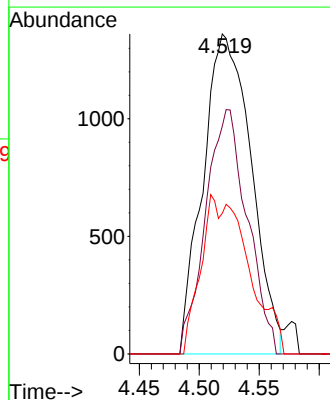
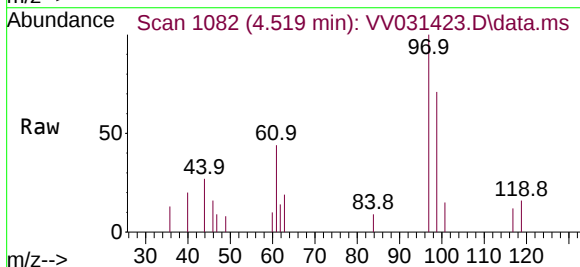
Instrument :
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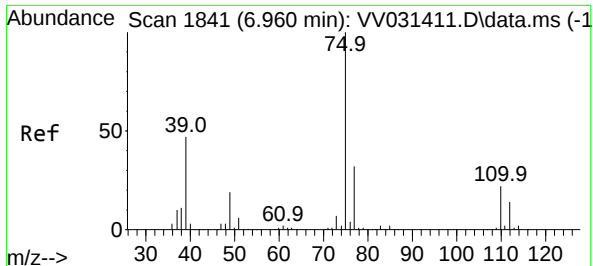
Tgt Ion: 96 Resp: 3793
 Ion Ratio Lower Upper
 96 100
 61 118.6 101.6 188.6
 98 53.2 44.4 82.4



#30
 1,1,1-Trichloroethane
 Concen: 1.270 ug/L
 RT: 4.519 min Scan# 1082
 Delta R.T. -0.003 min
 Lab File: VV031423.D
 Acq: 08 Jun 2023 01:30

Tgt Ion: 97 Resp: 3800
 Ion Ratio Lower Upper
 97 100
 99 66.0 51.9 77.9
 61 19.2 36.1 54.1#





#39

cis-1,3-Dichloropropene

Concen: 1.039 ug/L

RT: 6.918 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV031423.D

Acq: 08 Jun 2023 01:30

Instrument :

MSVOA_V

ClientSampleId :

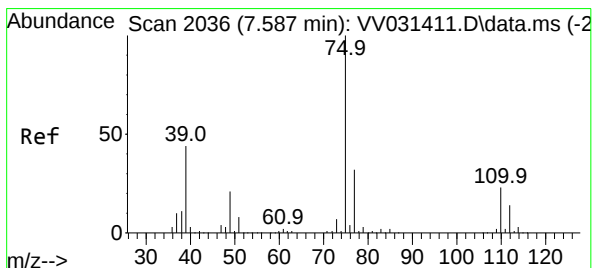
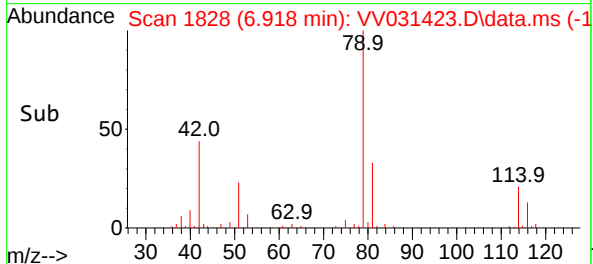
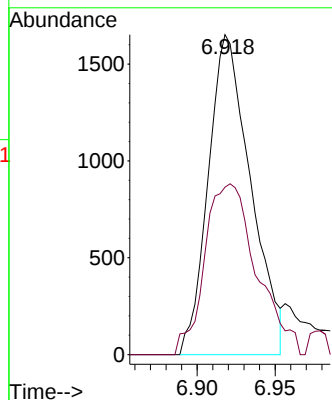
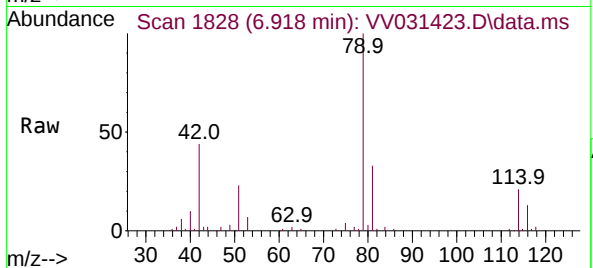
C0FA3

Tgt Ion: 75 Resp: 3126

Ion Ratio Lower Upper

75 100

77 52.4 23.2 43.2#



#44

trans-1,3-Dichloropropene

Concen: 0.878 ug/L

RT: 7.558 min Scan# 2027

Delta R.T. -0.029 min

Lab File: VV031423.D

Acq: 08 Jun 2023 01:30

Tgt Ion: 75 Resp: 2678

Ion Ratio Lower Upper

75 100

77 47.5 22.2 41.2#

