

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
 Data File : VU057419.D
 Acq On : 09 Jan 2024 06:22
 Operator : MD/SY
 Sample : P1058-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 09 07:36:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 09 06:09:25 2024
 Response via : Initial Calibration

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

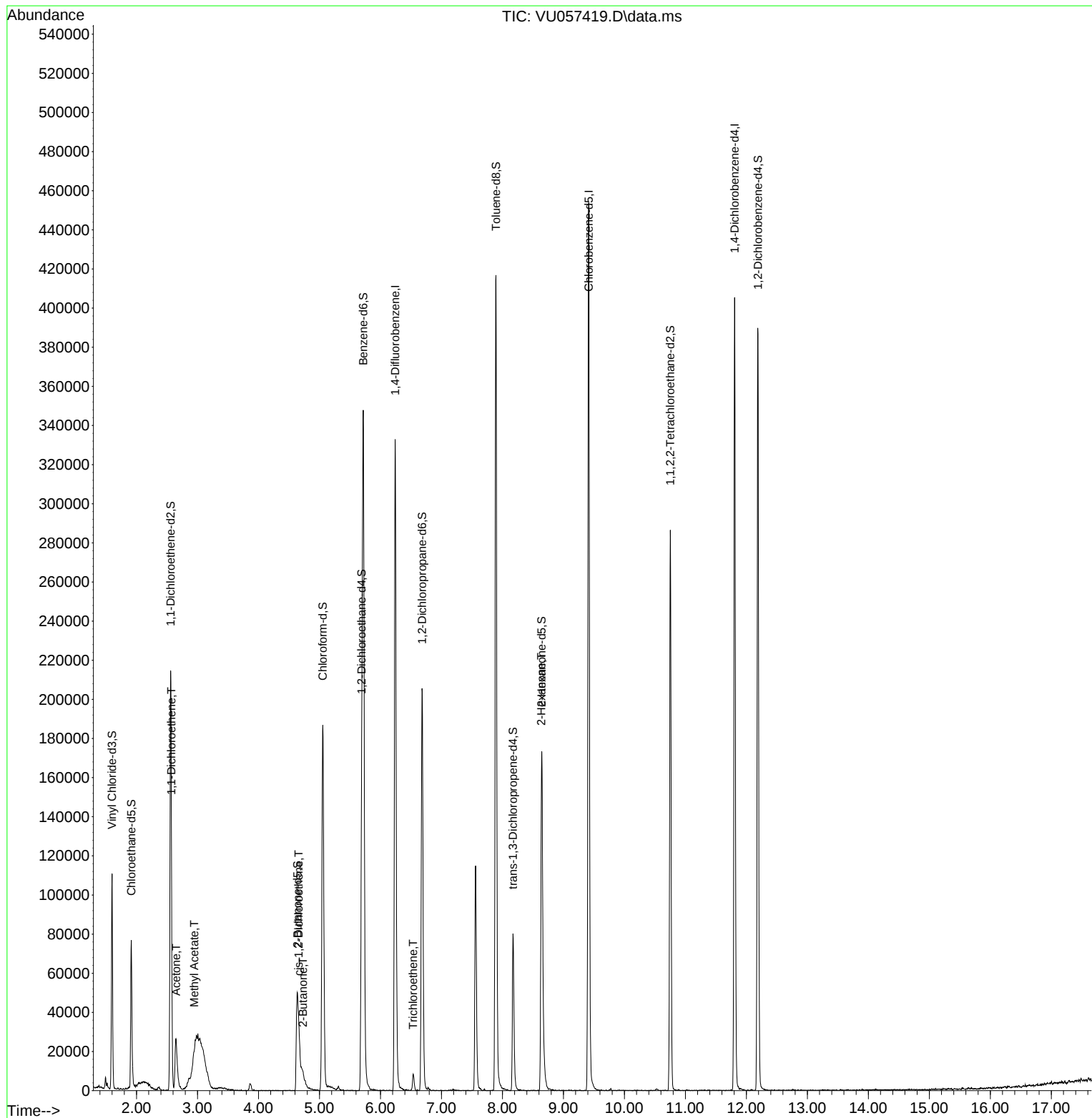
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	264957	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	257071	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	106298	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	73976	40.566	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.140%
7) Chloroethane-d5	1.914	69	59507	42.167	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.340%
11) 1,1-Dichloroethene-d2	2.560	63	126260	32.665	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.340%
21) 2-Butanone-d5	4.637	46	91848	103.942	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.940%
24) Chloroform-d	5.055	84	181761	42.148	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.300%
26) 1,2-Dichloroethane-d4	5.692	65	126349	44.351	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.700%
32) Benzene-d6	5.717	84	320331	46.421	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.840%
36) 1,2-Dichloropropane-d6	6.682	67	90326	46.377	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.760%
41) Toluene-d8	7.894	98	283922	43.906	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.820%
43) trans-1,3-Dichloroprop...	8.174	79	49933	42.953	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.900%
47) 2-Hexanone-d5	8.643	63	64528	101.348	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.350%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	131153	45.061	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.120%
66) 1,2-Dichlorobenzene-d4	12.190	152	100896	48.530	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.060%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	11662	6.496	ug/L #	1
13) Acetone	2.650	43	44456	41.313	ug/L	95
15) Methyl Acetate	2.946	43	2178	1.552	ug/L #	44
20) cis-1,2-Dichloroethene	4.660	96	3067	1.561	ug/L	92
22) 2-Butanone	4.730	43	13681	12.903	ug/L	91
34) Trichloroethene	6.537	95	2924	1.386	ug/L	86
48) 2-Hexanone	8.640	43	12669	8.669	ug/L #	64

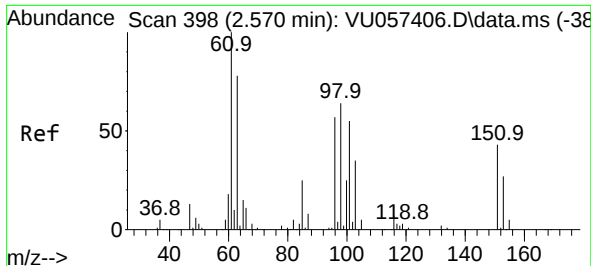
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jan 09 06:09:25 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 6.496 ug/L

RT: 2.573 min Scan# 398

Delta R.T. 0.003 min

Lab File: VU057419.D

Acq: 09 Jan 2024 06:22

Instrument :

MSVOA_U

ClientSampleId :

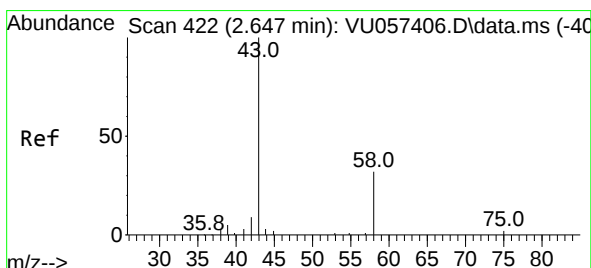
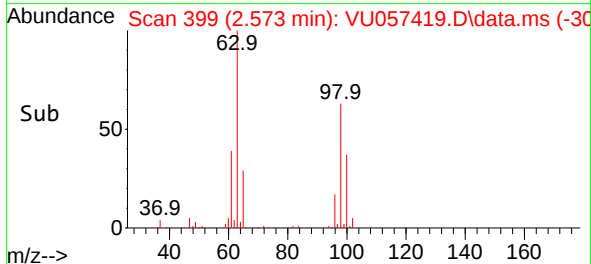
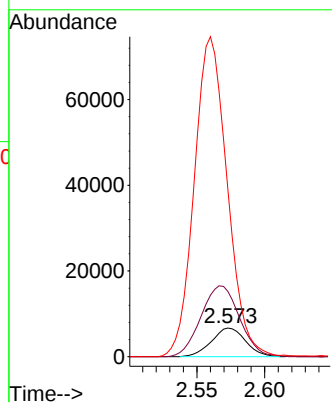
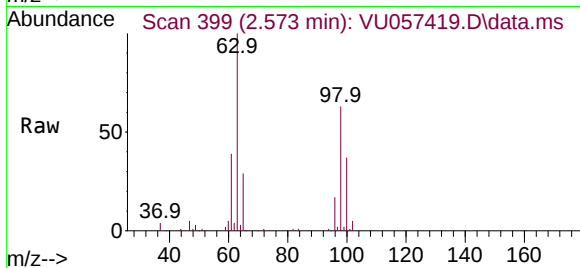
Tgt Ion: 96 Resp: 11662

Ion Ratio Lower Upper

96 100

61 227.9 128.3 238.3

63 583.4 90.4 168.0#



#13

Acetone

Concen: 41.313 ug/L

RT: 2.650 min Scan# 423

Delta R.T. 0.003 min

Lab File: VU057419.D

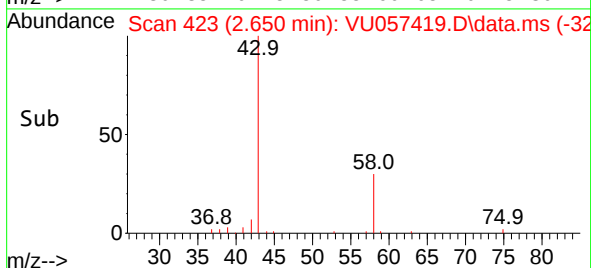
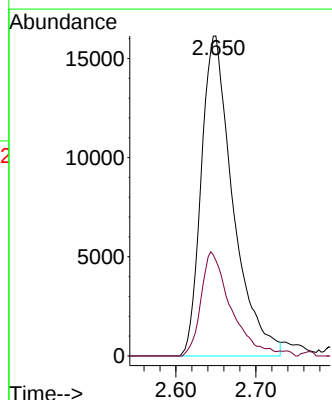
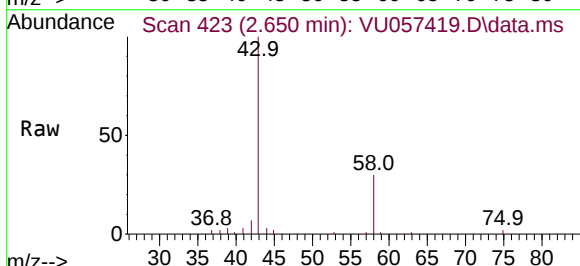
Acq: 09 Jan 2024 06:22

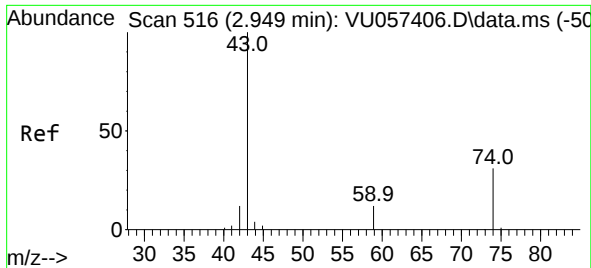
Tgt Ion: 43 Resp: 44456

Ion Ratio Lower Upper

43 100

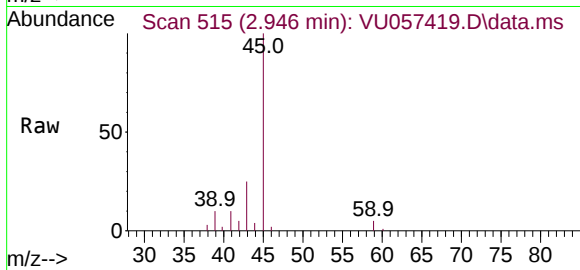
58 30.0 0.0 65.2



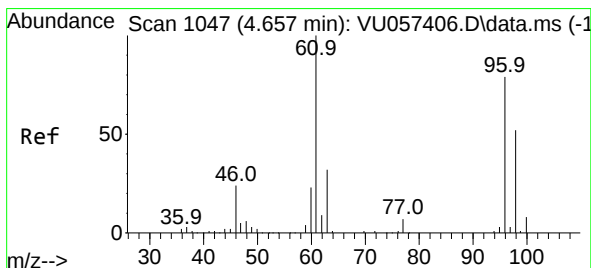
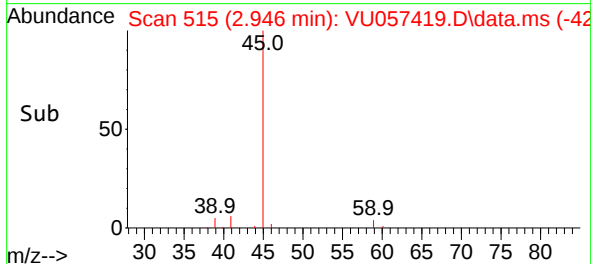
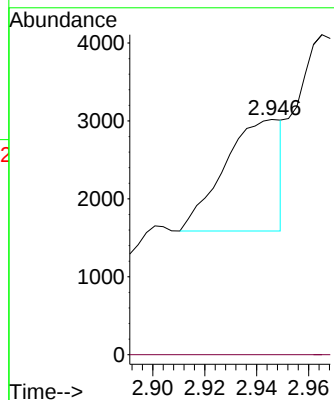


#15
Methyl Acetate
Concen: 1.552 ug/L
RT: 2.946 min Scan# 516
Delta R.T. -0.003 min
Lab File: VU057419.D
Acq: 09 Jan 2024 06:22

Instrument :
MSVOA_U
ClientSampleId :

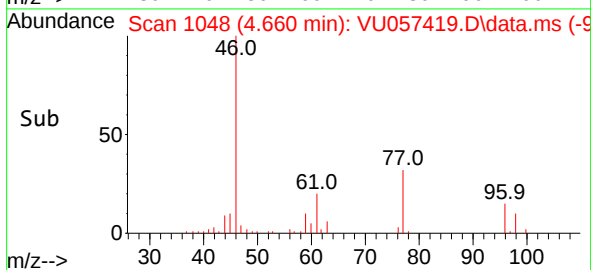
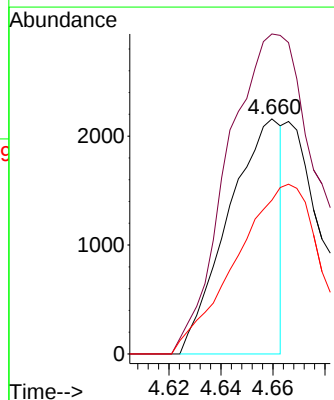
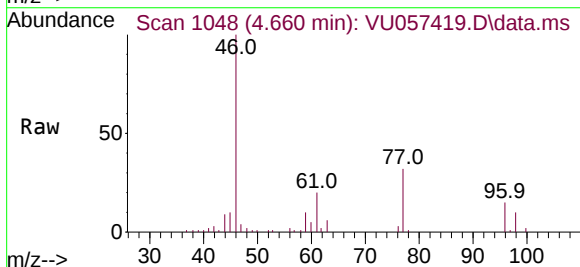


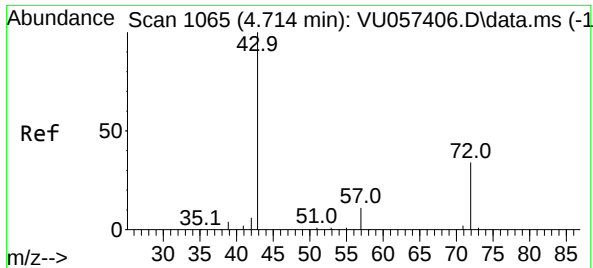
Tgt Ion: 43 Resp: 2178
Ion Ratio Lower Upper
43 100
74 0.0 24.6 36.8#



#20
cis-1,2-Dichloroethene
Concen: 1.561 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU057419.D
Acq: 09 Jan 2024 06:22

Tgt Ion: 96 Resp: 3067
Ion Ratio Lower Upper
96 100
61 136.1 88.0 163.4
98 65.4 43.4 80.6

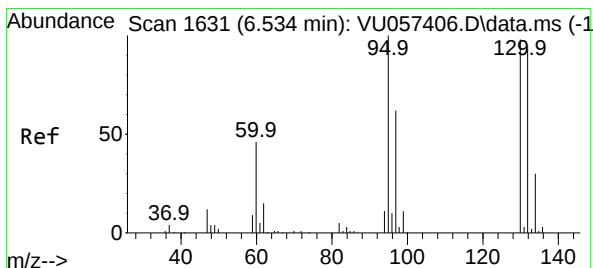
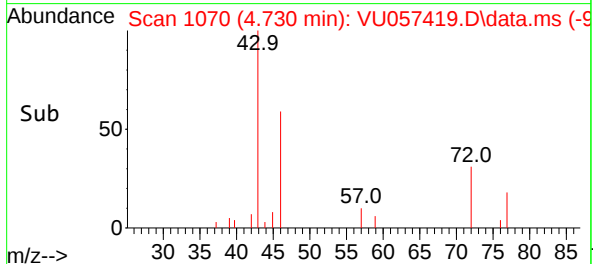
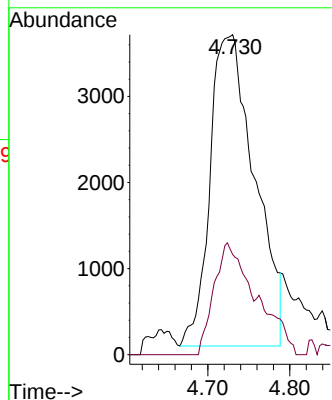
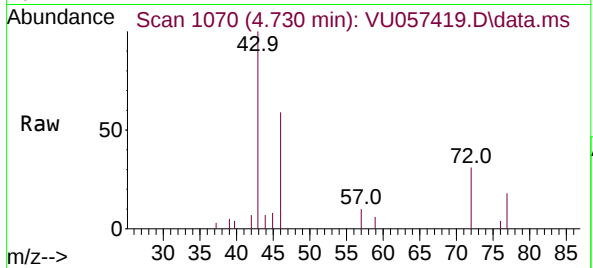




#22
2-Butanone
Concen: 12.903 ug/L
RT: 4.730 min Scan# 1065
Delta R.T. 0.016 min
Lab File: VU057419.D
Acq: 09 Jan 2024 06:22

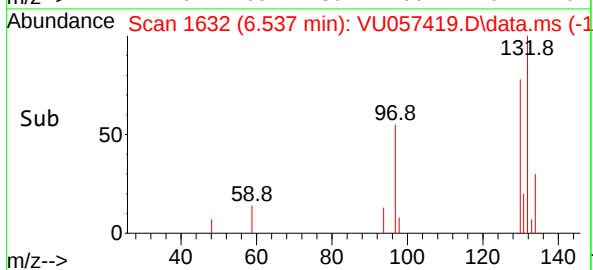
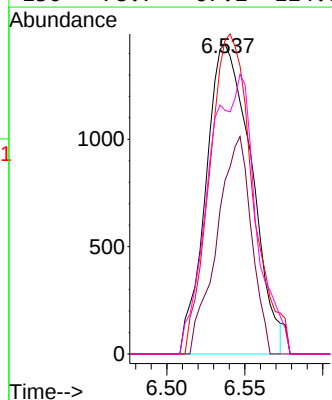
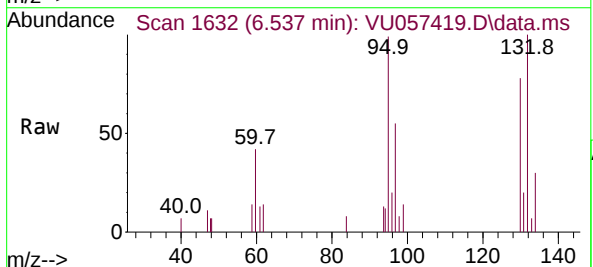
Instrument :
MSVOA_U
ClientSampleId :

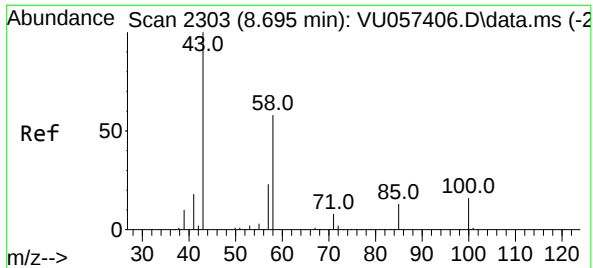
Tgt Ion: 43 Resp: 13681
Ion Ratio Lower Upper
43 100
72 25.3 15.2 45.6



#34
Trichloroethene
Concen: 1.386 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU057419.D
Acq: 09 Jan 2024 06:22

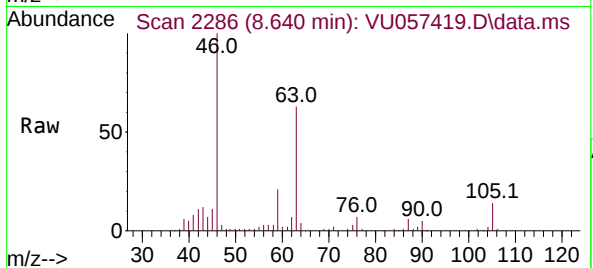
Tgt Ion: 95 Resp: 2924
Ion Ratio Lower Upper
95 100
97 56.0 46.2 85.8
132 101.2 64.3 119.5
130 78.7 67.2 124.8





#48
 2-Hexanone
 Concen: 8.669 ug/L
 RT: 8.640 min Scan# 21
 Delta R.T. -0.055 min
 Lab File: VU057419.D
 Acq: 09 Jan 2024 06:22

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt	Ion: 43	Resp:	12669
Ion	Ratio	Lower	Upper
43	100		
58	24.6	49.4	74.2#
57	25.5	19.1	28.7
100	0.0	13.0	19.6#

