

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
 Data File : VU061523.D
 Acq On : 07 Nov 2024 16:17
 Operator : MD/SY
 Sample : P4743-07
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H46R6

Quant Time: Nov 08 00:29:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 08 00:26:16 2024
 Response via : Initial Calibration

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

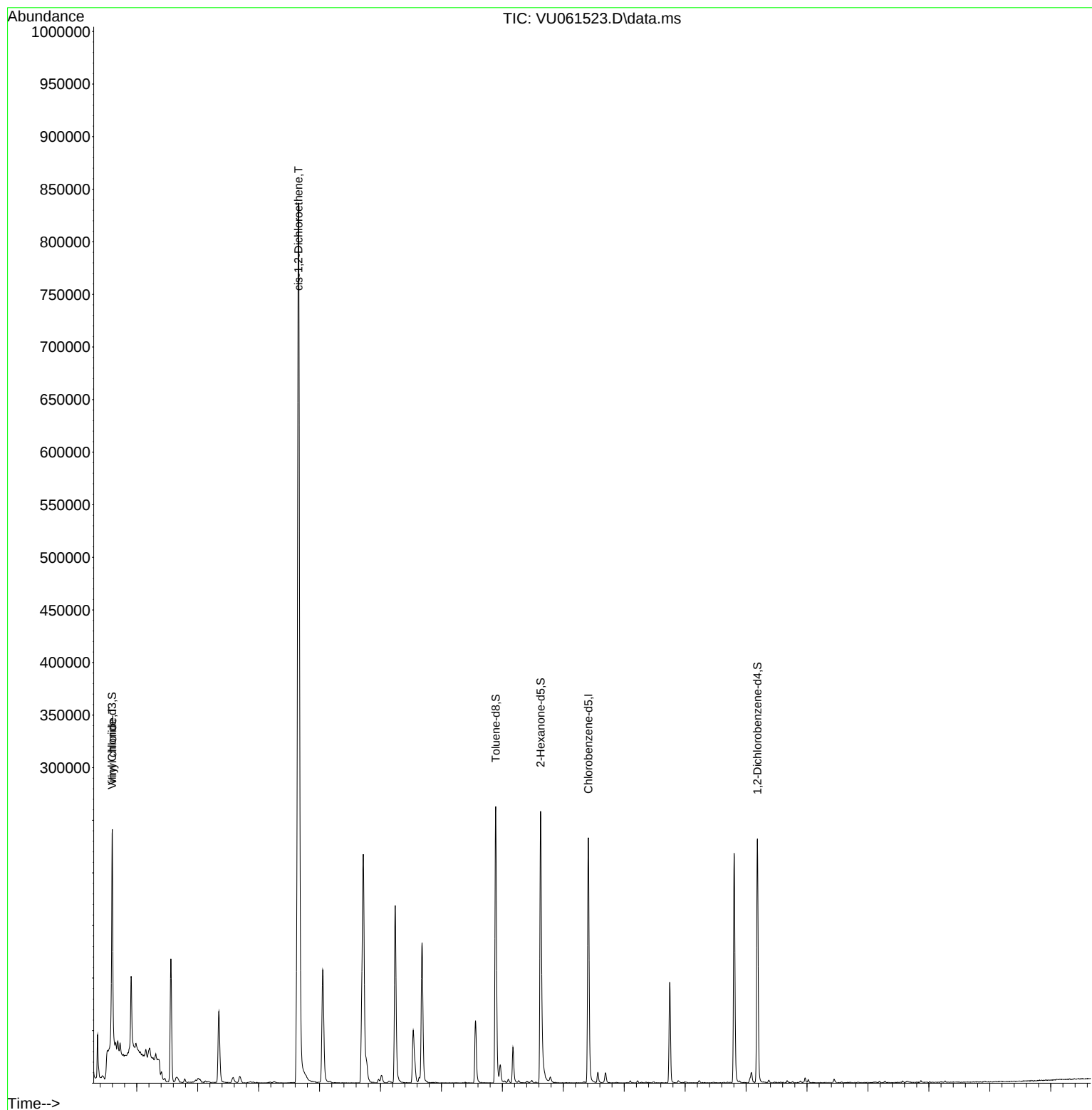
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	144767	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	134152	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	59697	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49257	5.009	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.200%
7) Chloroethane-d5	1.907	69	47247	5.241	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.800%
11) 1,1-Dichloroethene-d2	2.560	65	21394	5.085	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.600%
20) 2-Butanone-d5	4.628	46	108521	54.353	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.700%
24) Chloroform-d	5.055	84	102384	5.485	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.600%
26) 1,2-Dichloroethane-d4	5.692	65	52284	5.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.400%
32) Benzene-d6	5.718	84	212507	5.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.400%
36) 1,2-Dichloropropane-d6	6.682	67	65343	5.750	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.000%
41) Toluene-d8	7.891	98	186608	5.280	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
43) trans-1,3-Dichloroprop...	8.174	79	20604	4.441	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.627	63	99427	52.330	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.660%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	47883	5.572	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	62418	5.905	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.000%
Target Compounds						
5) Vinyl chloride	1.599	62	88545	7.913	ug/L #	46
13) Acetone	2.653	43	7784	6.155	ug/L	93
14) Carbon disulfide	2.788	76	4639	0.162	ug/L #	92
18) trans-1,2-Dichloroethene	3.348	96	29414	3.108	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	446494	41.302	ug/L	98
33) Benzene	5.769	78	17689	0.426	ug/L	100
34) Trichloroethene	6.537	95	16912	1.499	ug/L	98
42) Toluene	7.965	91	13088	0.290	ug/L	95

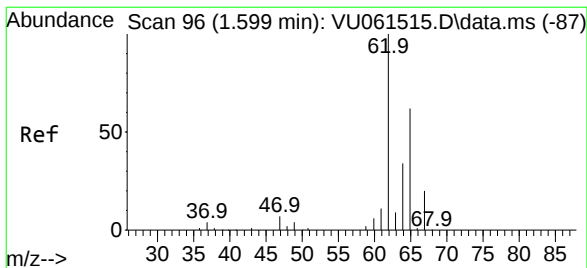
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 7.913 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU061523.D

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Instrument :

MSVOA_U

ClientSampleId :

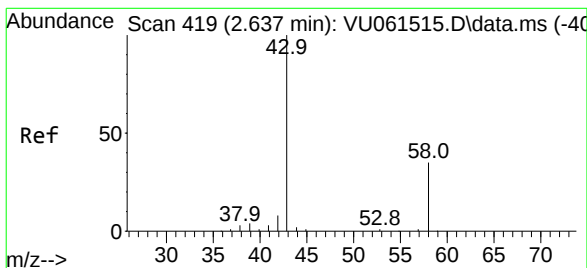
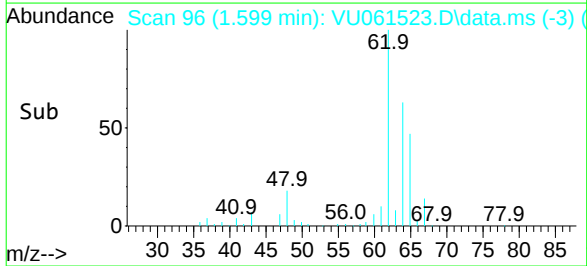
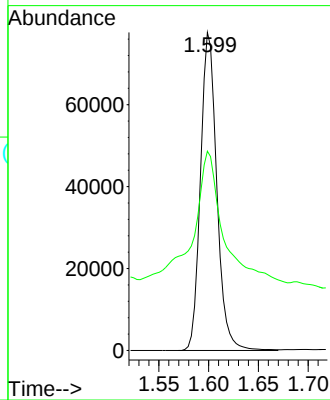
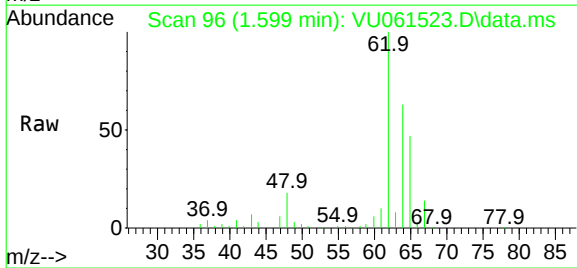
H46R6

Tgt Ion: 62 Resp: 88545

Ion Ratio Lower Upper

62 100

64 62.7 22.6 42.0#



#13

Acetone

Concen: 6.155 ug/L

RT: 2.653 min Scan# 424

Delta R.T. 0.016 min

Lab File: VU061523.D

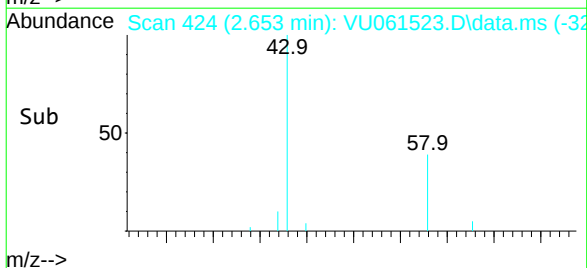
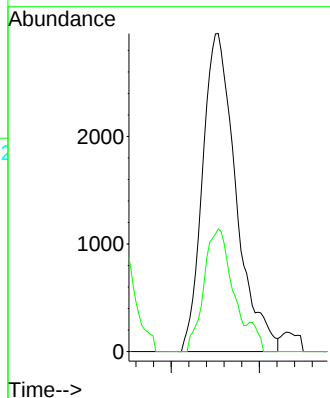
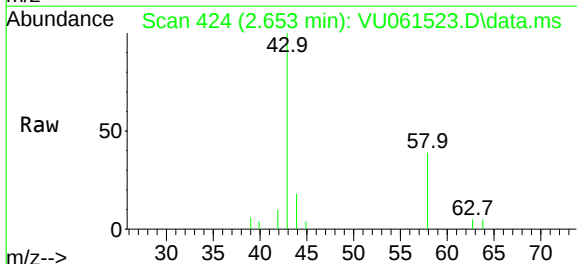
Acq: 07 Nov 2024 16:17

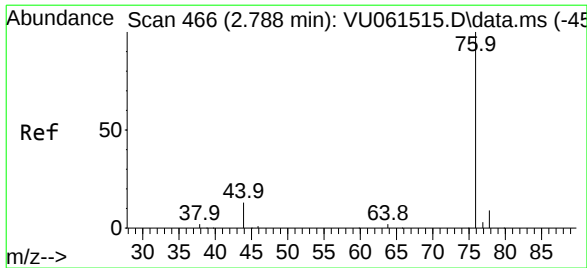
Tgt Ion: 43 Resp: 7784

Ion Ratio Lower Upper

43 100

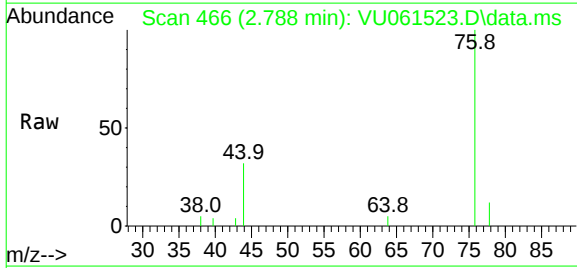
58 32.5 0.0 73.2



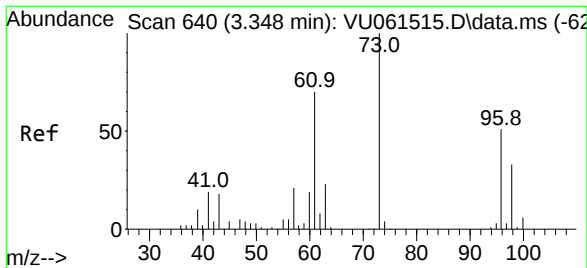
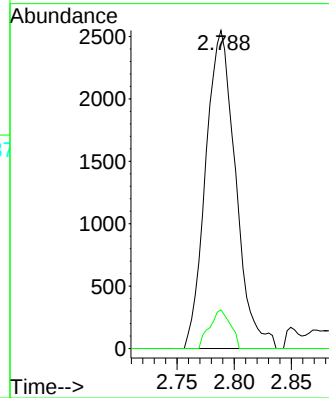
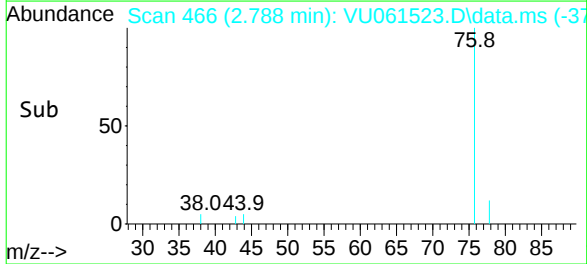


#14
Carbon disulfide
Concen: 0.162 ug/L
RT: 2.788 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU061523.D
Acq: 07 Nov 2024 16:17

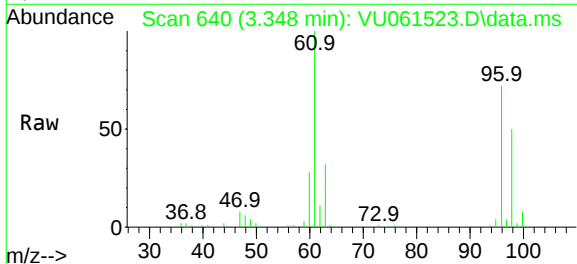
Instrument :
MSVOA_U
ClientSampleId :
H46R6



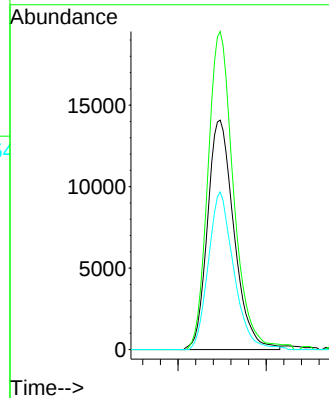
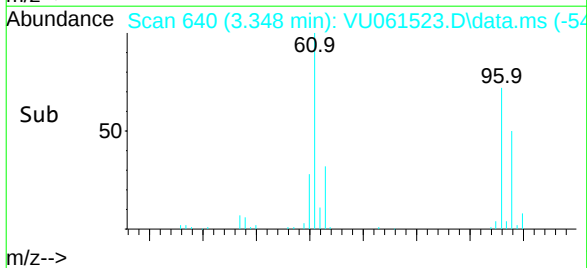
Tgt Ion: 76 Resp: 4639
Ion Ratio Lower Upper
76 100
78 12.2 7.4 11.2#

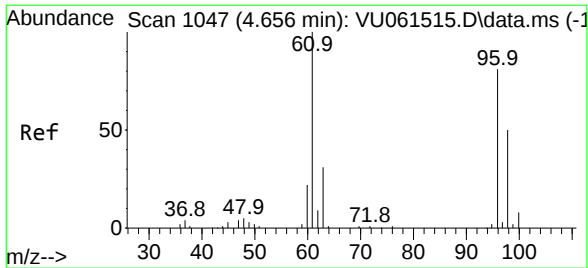


#18
trans-1,2-Dichloroethene
Concen: 3.108 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU061523.D
Acq: 07 Nov 2024 16:17



Tgt Ion: 96 Resp: 29414
Ion Ratio Lower Upper
96 100
61 138.6 97.9 181.7
98 68.7 46.2 85.8

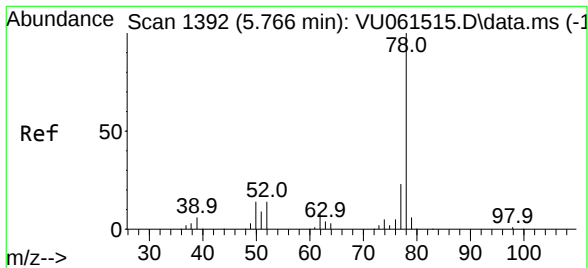
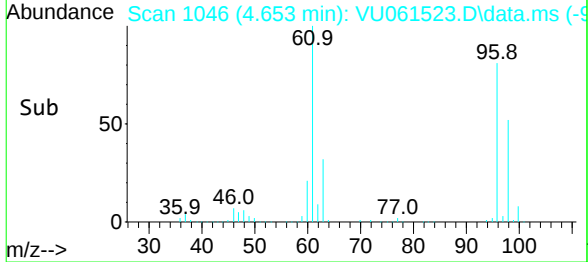
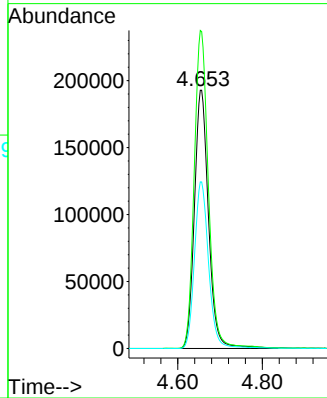
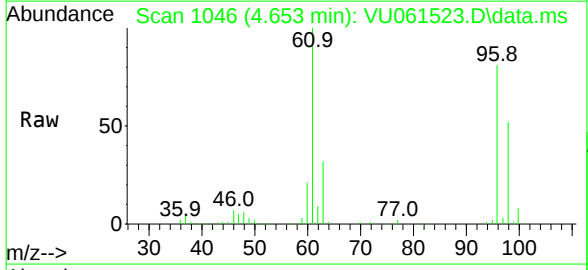




#22
 cis-1,2-Dichloroethene
 Concen: 41.302 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU061523.D
 Acq: 07 Nov 2024 16:17

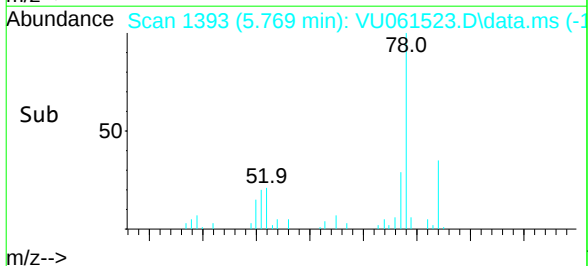
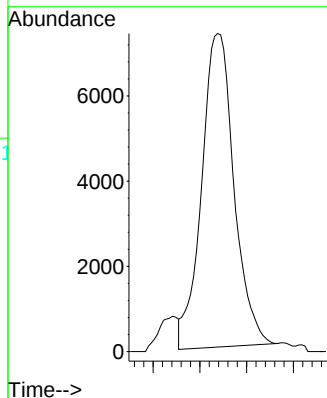
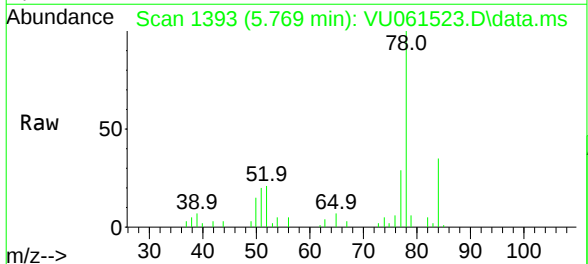
Instrument :
 MSVOA_U
 ClientSampleId :
 H46R6

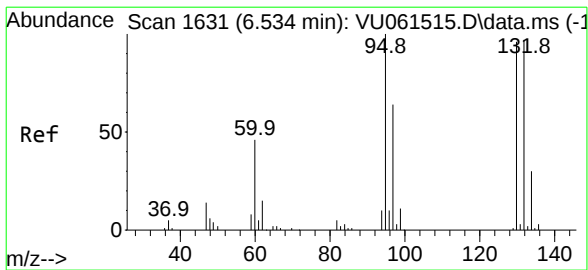
Tgt Ion: 96 Resp: 446494
 Ion Ratio Lower Upper
 96 100
 61 123.2 88.1 163.5
 98 64.5 45.0 83.6



#33
 Benzene
 Concen: 0.426 ug/L
 RT: 5.769 min Scan# 1393
 Delta R.T. 0.003 min
 Lab File: VU061523.D
 Acq: 07 Nov 2024 16:17

Tgt Ion: 78 Resp: 17689





#34

Trichloroethene

Concen: 1.499 ug/L

RT: 6.537 min Scan# 16

Delta R.T. 0.003 min

Lab File: VU061523.D

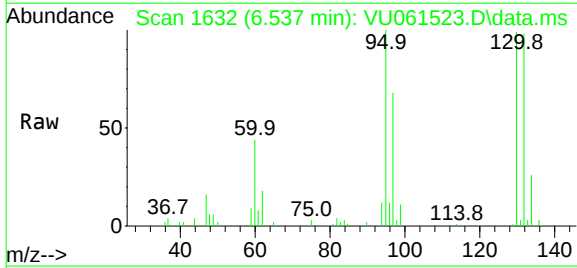
Acq: 07 Nov 2024 16:17

Instrument :

MSVOA_U

ClientSampleId :

H46R6



Tgt Ion: 95 Resp: 16912

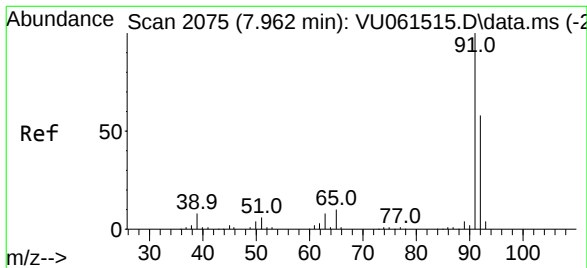
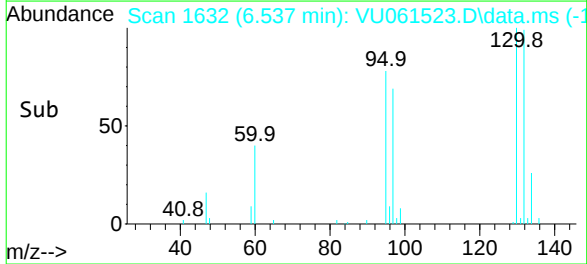
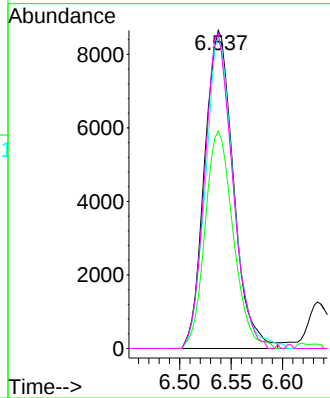
Ion Ratio Lower Upper

95 100

97 68.3 46.1 85.7

132 98.2 66.1 122.7

130 99.0 69.0 128.2



#42

Toluene

Concen: 0.290 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU061523.D

Acq: 07 Nov 2024 16:17

Tgt Ion: 91 Resp: 13088

Ion Ratio Lower Upper

91 100

92 53.8 40.3 74.8

