

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
 Data File : VU061531.D
 Acq On : 07 Nov 2024 19:33
 Operator : MD/SY
 Sample : P4743-10
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H46S3

Quant Time: Nov 08 00:32:22 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)

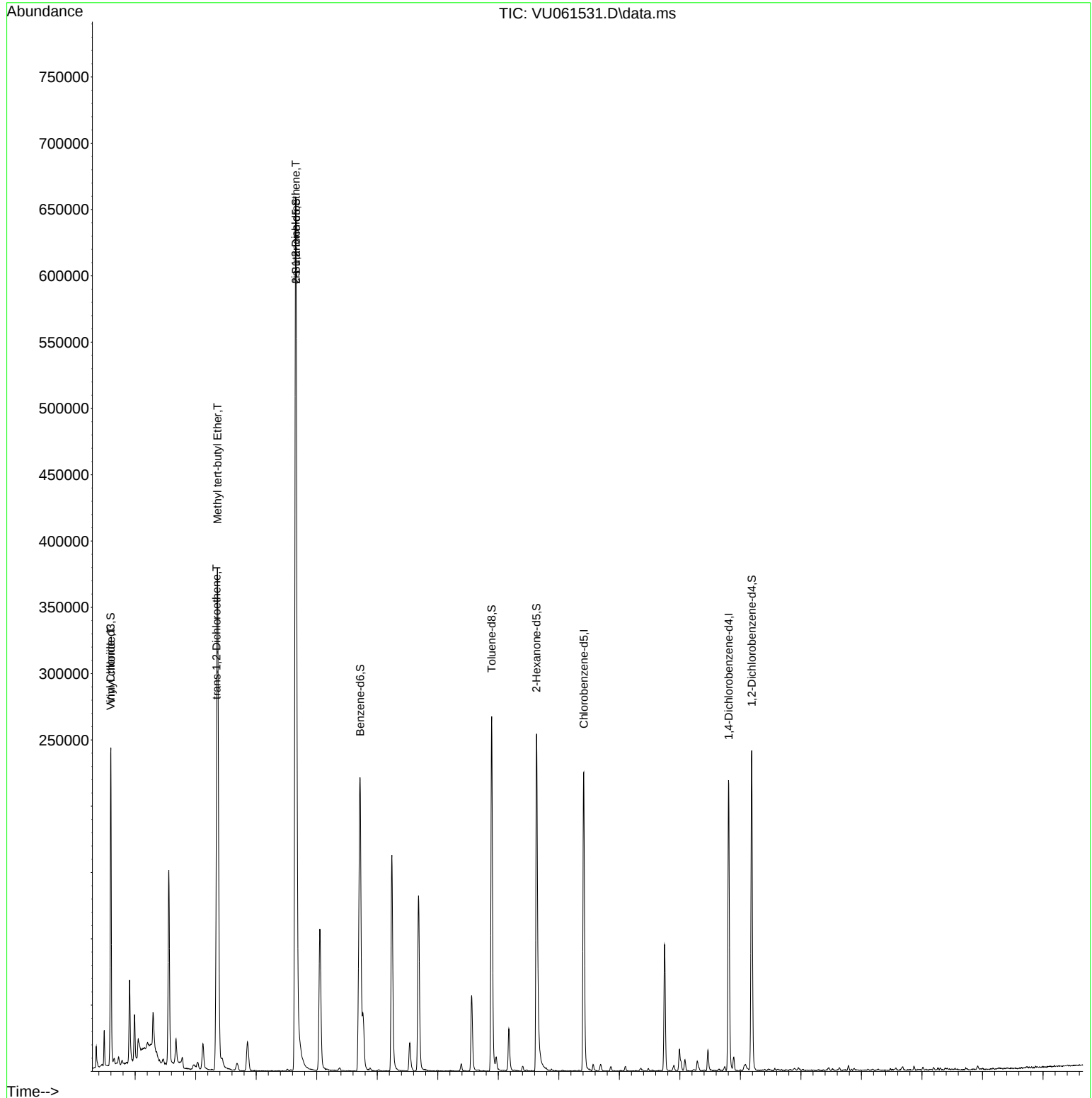
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	140870	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	132637	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	61045	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	48118	5.028	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.600%
7) Chloroethane-d5	1.907	69	43957	5.011	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.554	65	27449	6.704	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	134.000%#
20) 2-Butanone-d5	4.656	46	104926	54.006	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.020%
24) Chloroform-d	5.052	84	101625	5.595	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.800%
26) 1,2-Dichloroethane-d4	5.695	65	51950	5.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.800%
32) Benzene-d6	5.718	84	214468	5.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.800%
36) 1,2-Dichloropropane-d6	6.682	67	65727	5.850	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.000%
41) Toluene-d8	7.891	98	191537	5.481	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
43) trans-1,3-Dichloroprop...	8.174	79	20134	4.390	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.631	63	101593	54.081	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.160%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	47920	5.640	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	63952	5.916	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.400%
Target Compounds						
5) Vinyl chloride	1.599	62	71826	6.596	ug/L	98
14) Carbon disulfide	2.779	76	5727	0.206	ug/L #	81
15) Methyl Acetate	2.968	43	5079	1.667	ug/L #	87
17) Methyl tert-butyl Ether	3.361	73	434481	19.248	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	13436	1.459	ug/L	98
19) 1,1-Dichloroethane	3.856	63	25080	1.444	ug/L	94
22) cis-1,2-Dichloroethene	4.653	96	333240	31.679	ug/L	99
33) Benzene	5.766	78	41807	1.019	ug/L	100
34) Trichloroethene	6.537	95	7802	0.699	ug/L	94
63) 1,2,4-Trimethylbenzene	11.463	105	9262	0.247	ug/L	98

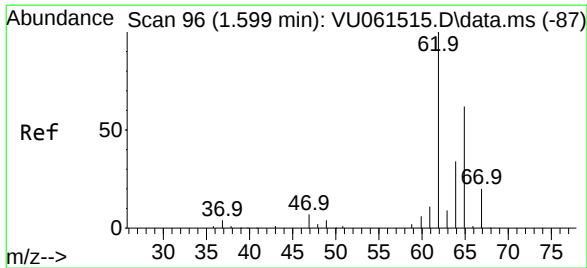
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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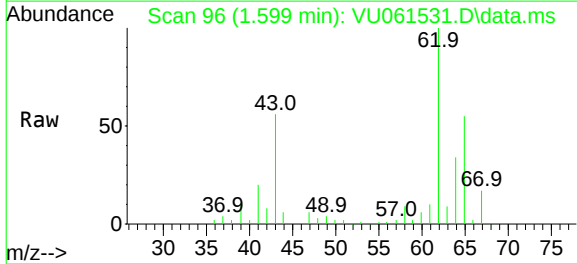
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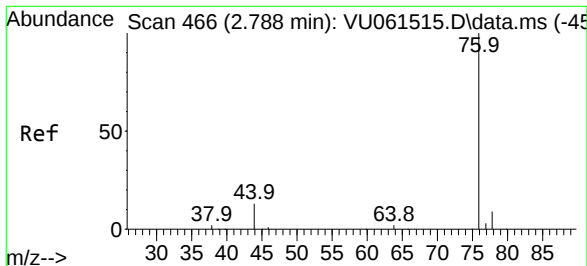
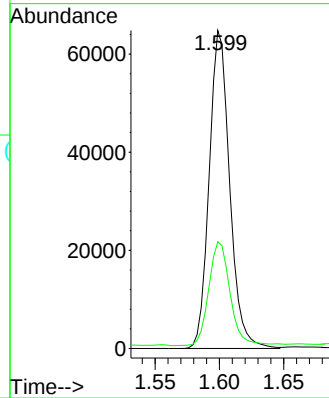
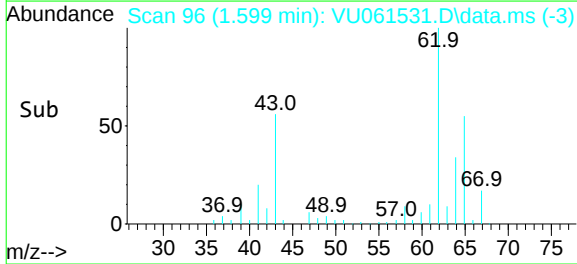


#5
Vinyl chloride
Concen: 6.596 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU061531.D
Acq: 07 Nov 2024 19:33

Instrument :
MSVOA_U
ClientSampleId :
H46S3

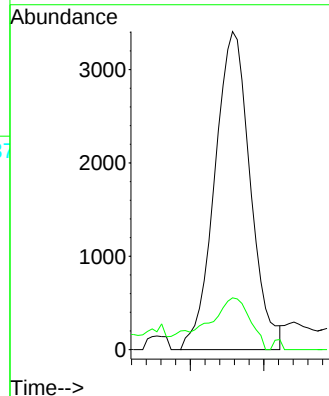
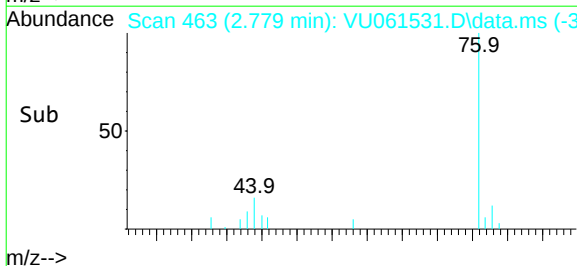
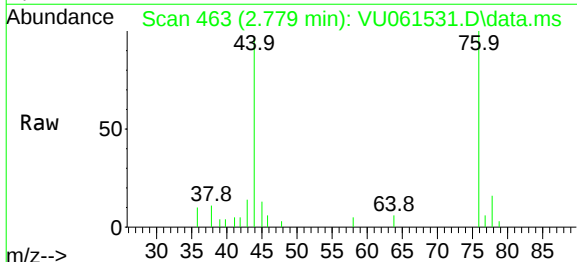


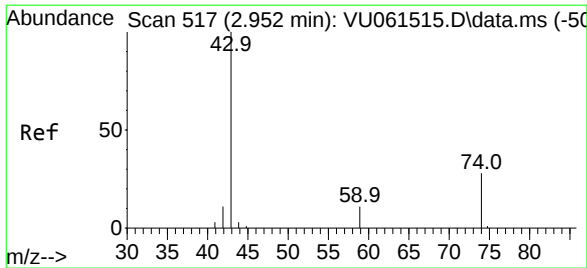
Tgt Ion: 62 Resp: 71826
Ion Ratio Lower Upper
62 100
64 33.6 22.6 42.0



#14
Carbon disulfide
Concen: 0.206 ug/L
RT: 2.779 min Scan# 463
Delta R.T. -0.010 min
Lab File: VU061531.D
Acq: 07 Nov 2024 19:33

Tgt Ion: 76 Resp: 5727
Ion Ratio Lower Upper
76 100
78 16.3 7.4 11.2

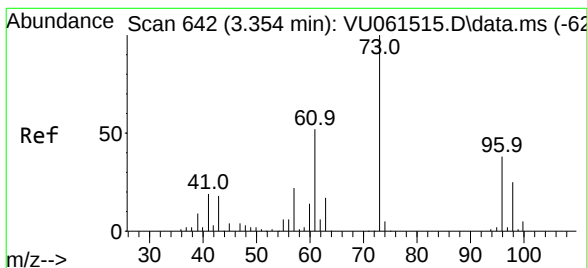
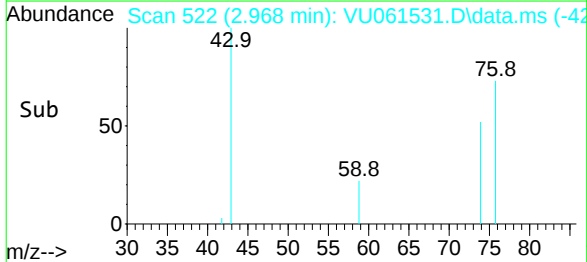
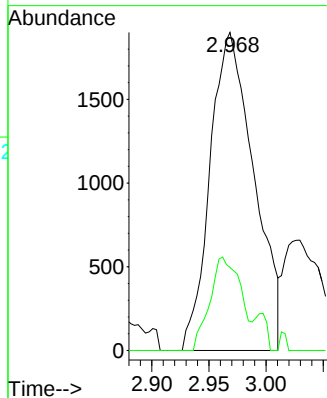
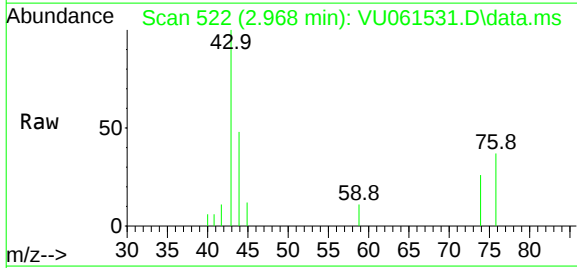




#15
Methyl Acetate
Concen: 1.667 ug/L
RT: 2.968 min Scan# 52
Delta R.T. 0.016 min
Lab File: VU061531.D
Acq: 07 Nov 2024 19:33

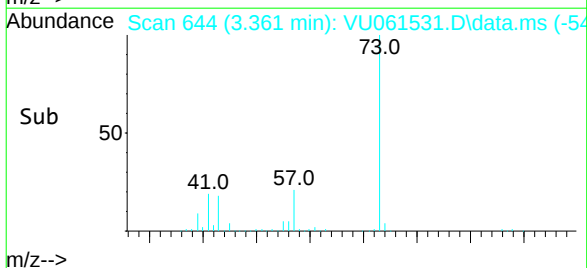
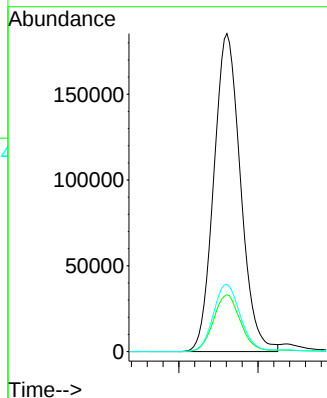
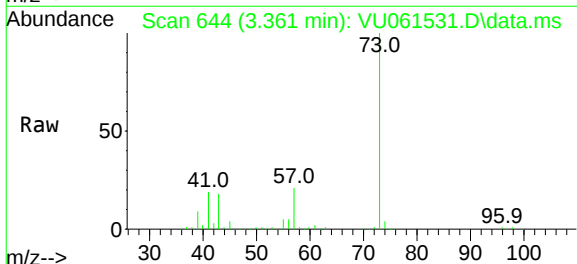
Instrument :
MSVOA_U
ClientSampleId :
H46S3

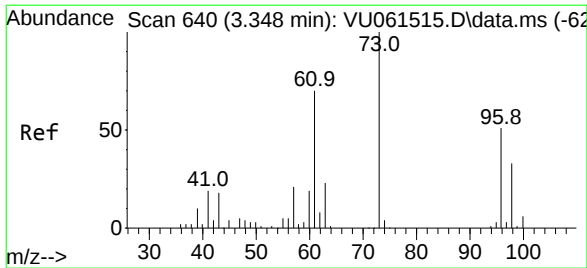
Tgt Ion: 43 Resp: 5079
Ion Ratio Lower Upper
43 100
74 20.9 22.2 33.4#



#17
Methyl tert-butyl Ether
Concen: 19.248 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.006 min
Lab File: VU061531.D
Acq: 07 Nov 2024 19:33

Tgt Ion: 73 Resp: 434481
Ion Ratio Lower Upper
73 100
43 18.0 15.0 22.4
57 21.4 17.0 25.6

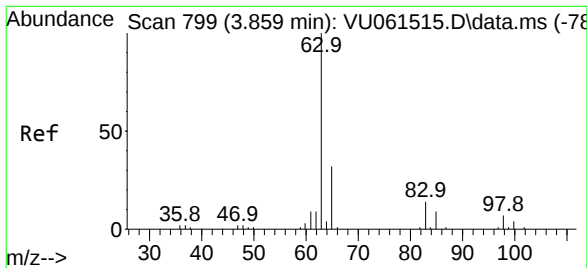
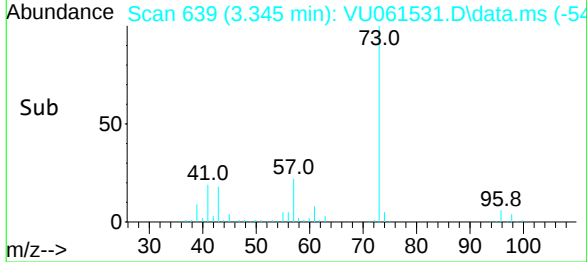
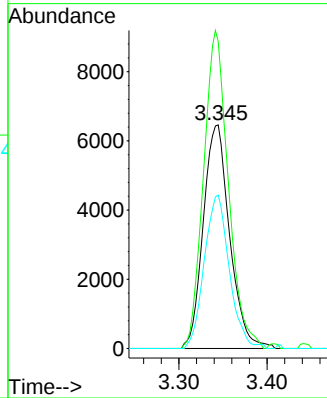
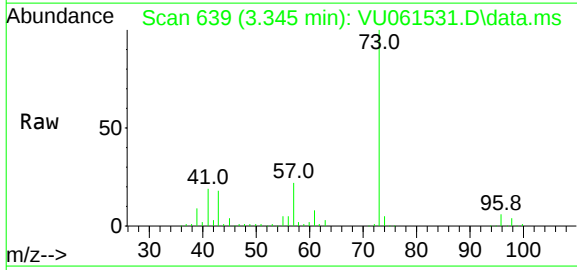




#18
trans-1,2-Dichloroethene
Concen: 1.459 ug/L
RT: 3.345 min Scan# 63
Delta R.T. -0.003 min
Lab File: VU061531.D
Acq: 07 Nov 2024 19:33

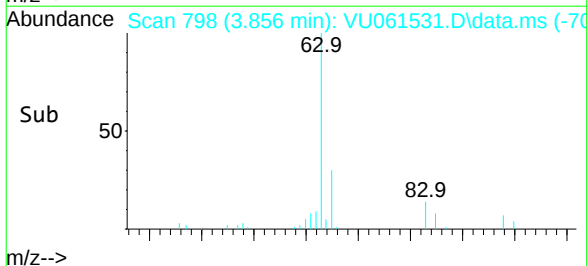
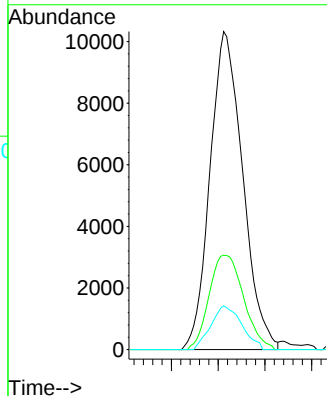
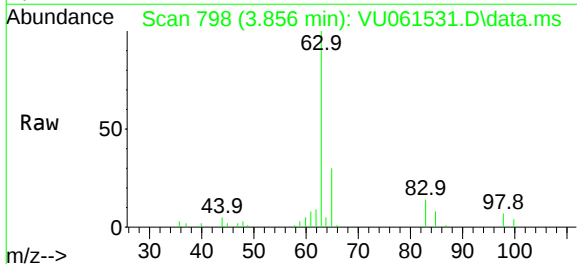
Instrument :
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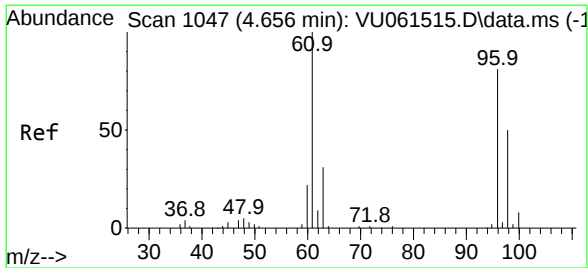
Tgt Ion: 96 Resp: 13436
Ion Ratio Lower Upper
96 100
61 137.2 97.9 181.7
98 68.6 46.2 85.8



#19
1,1-Dichloroethane
Concen: 1.444 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.003 min
Lab File: VU061531.D
Acq: 07 Nov 2024 19:33

Tgt Ion: 63 Resp: 25080
Ion Ratio Lower Upper
63 100
65 28.3 23.0 42.6
83 13.1 9.7 17.9

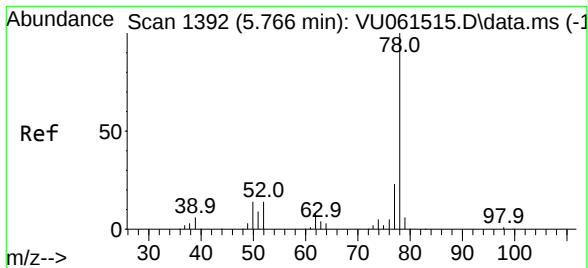
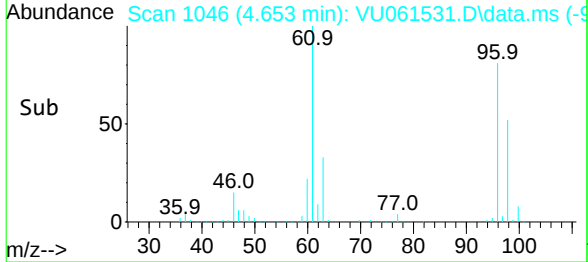
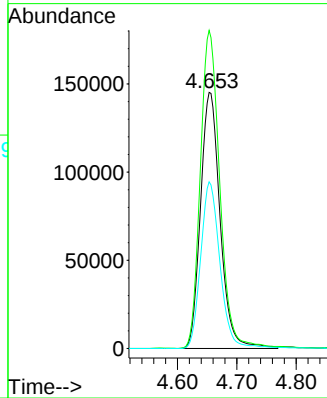
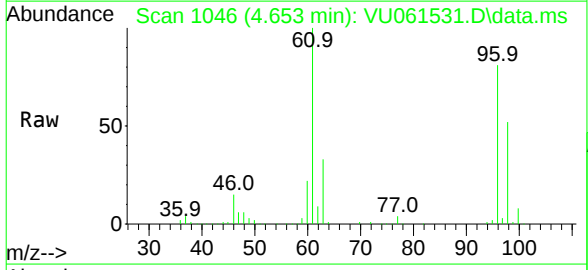




#22
 cis-1,2-Dichloroethene
 Concen: 31.679 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU061531.D
 Acq: 07 Nov 2024 19:33

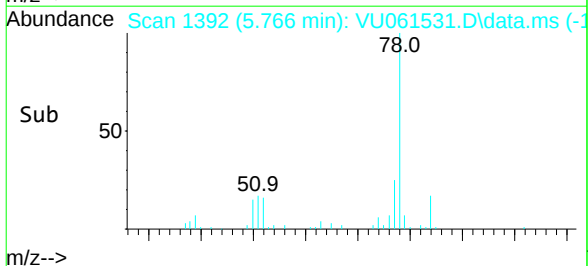
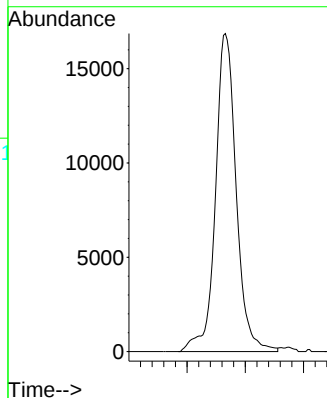
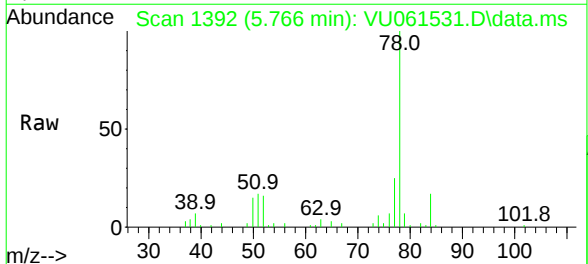
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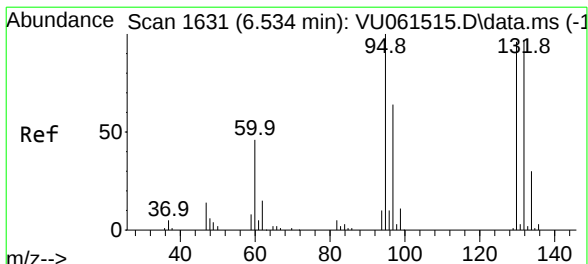
Tgt Ion:	96	Resp:	333240
Ion	Ratio	Lower	Upper
96	100		
61	124.2	88.1	163.5
98	65.1	45.0	83.6



#33
 Benzene
 Concen: 1.019 ug/L
 RT: 5.766 min Scan# 1392
 Delta R.T. 0.000 min
 Lab File: VU061531.D
 Acq: 07 Nov 2024 19:33

Tgt Ion: 78 Resp: 41807

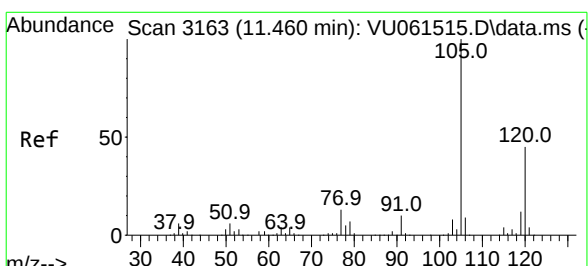
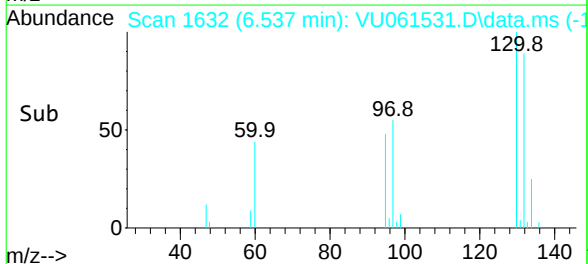
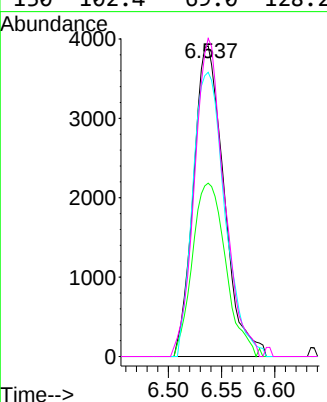
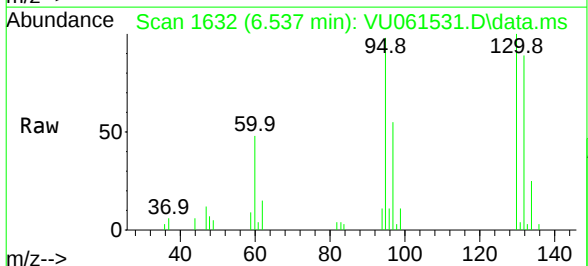




#34
 Trichloroethene
 Concen: 0.699 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. 0.003 min
 Lab File: VU061531.D
 Acq: 07 Nov 2024 19:33

Instrument : MSVOA_U
 ClientSampleId : H46S3

Tgt Ion:	95	Resp:	7802
Ion	Ratio	Lower	Upper
95	100		
97	55.8	46.1	85.7
132	91.5	66.1	122.7
130	102.4	69.0	128.2



#63
 1,2,4-Trimethylbenzene
 Concen: 0.247 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.003 min
 Lab File: VU061531.D
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Tgt Ion:	105	Resp:	9262
Ion	Ratio	Lower	Upper
105	100		
120	45.3	35.4	53.0

