

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 :

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%	

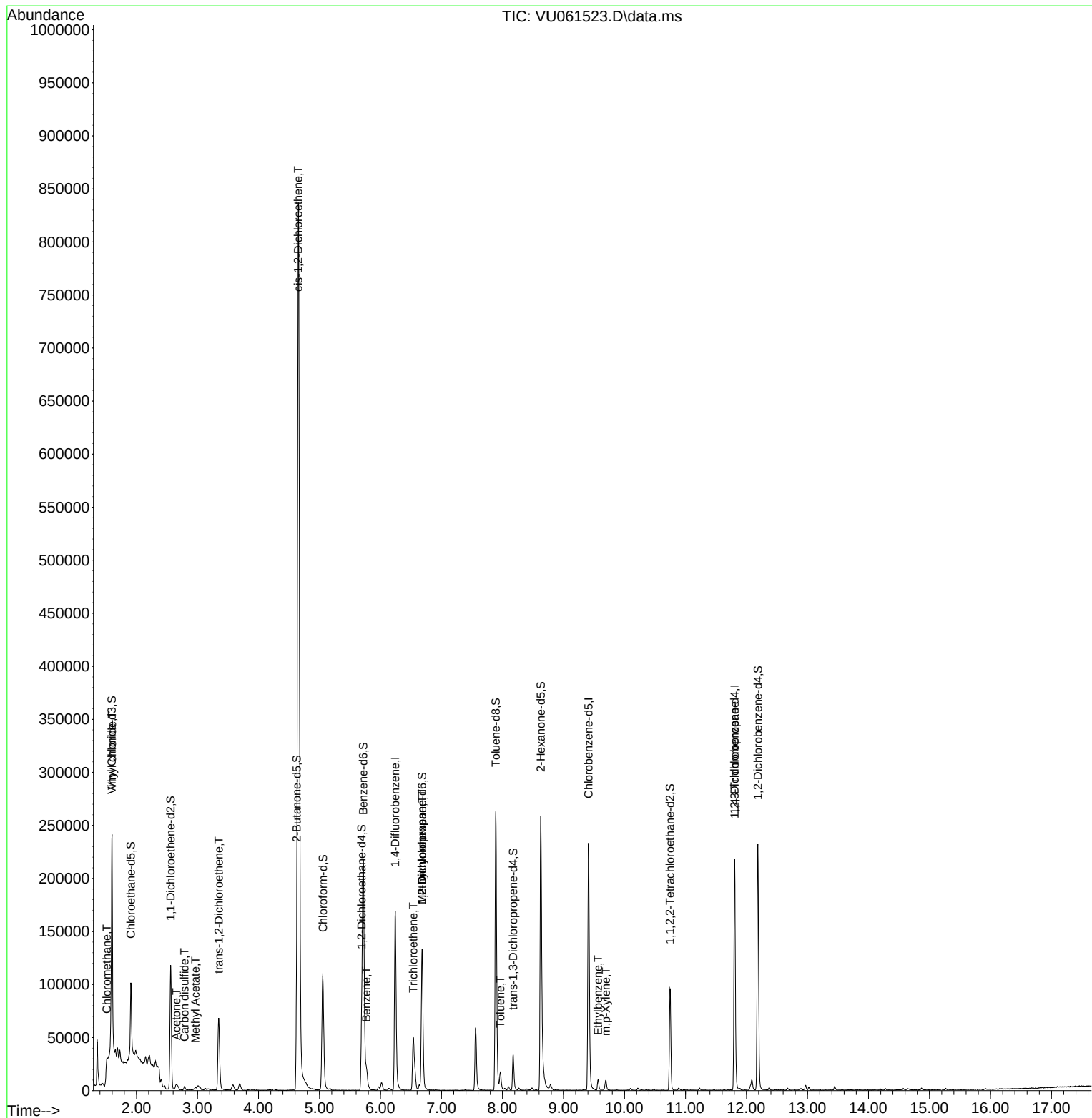
Target Compounds				Qvalue	
3) Chloromethane	1.515	50	2093	0.206 ug/L	84
5) Vinyl chloride	1.599	62	88545	7.913 ug/L #	46
13) Acetone	2.653	43	7784	6.155 ug/L	93
14) Carbon disulfide	2.788	76	4639	0.162 ug/L #	92
15) Methyl Acetate	2.968	43	673	0.215 ug/L #	47
18) trans-1,2-Dichloroethene	3.348	96	29414	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
35) Methylcyclohexane	6.682	83	15392	0.857 ug/L #	29
37) 1,2-Dichloropropane	6.682	63	7141	0.679 ug/L #	89
42) Toluene	7.965	91	13088	0.290 ug/L	95
52) Ethylbenzene	9.566	91	7600	0.153 ug/L	98
53) m,p-Xylene	9.695	106	2758	0.146 ug/L	92
61) 1,2,3-Trichloropropane	11.807	75	7515	1.264 ug/L #	67

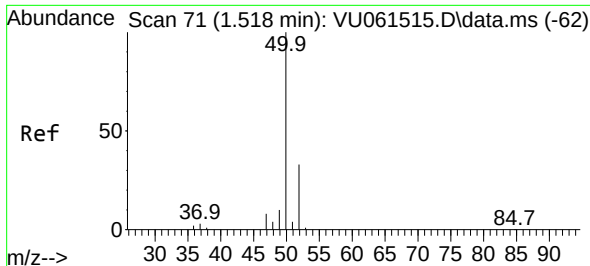
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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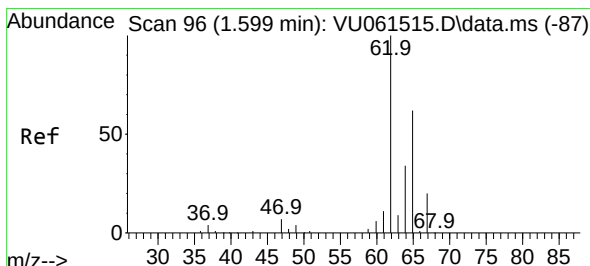
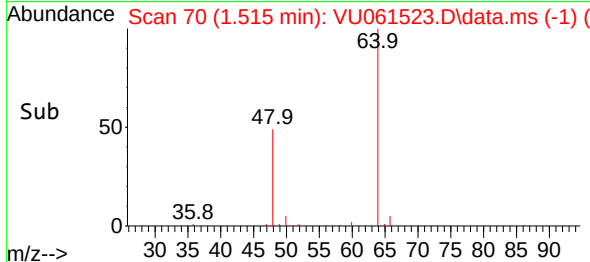
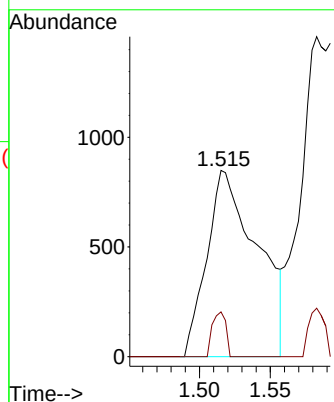
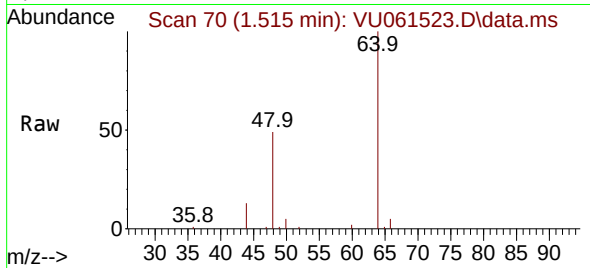




#3
Chloromethane
Concen: 0.206 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU061523.D
Acq: 07 Nov 2024 16:17

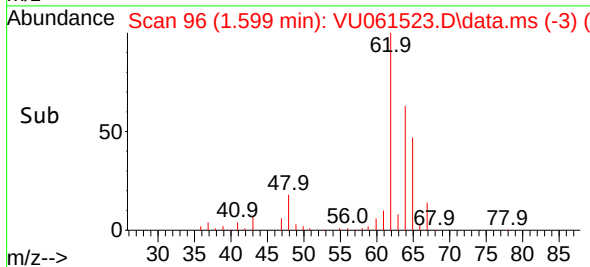
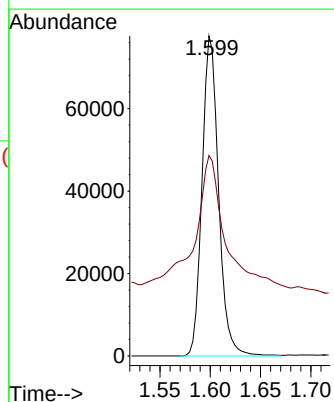
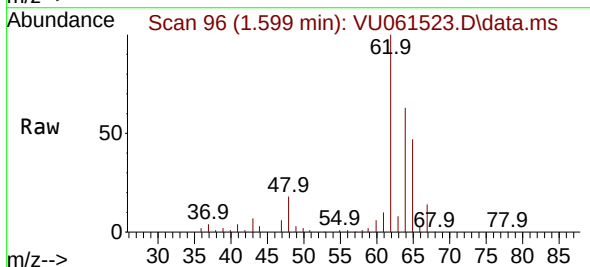
Instrument :
MSVOA_U
ClientSampleId :

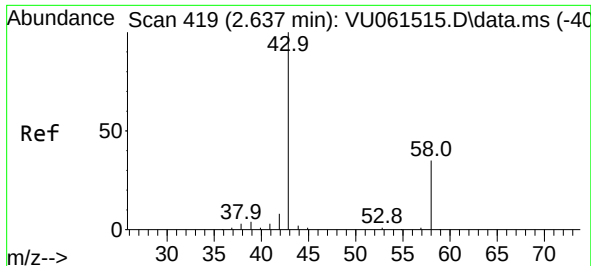
Tgt Ion: 50 Resp: 2093
Ion Ratio Lower Upper
50 100
52 24.0 23.4 43.4



#5
Vinyl chloride
Concen: 7.913 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU061523.D
Acq: 07 Nov 2024 16:17

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# 419

Delta R.T. 0.016 min

Lab File: VU061523.D

Acq: 07 Nov 2024 16:17

Instrument :

MSVOA_U

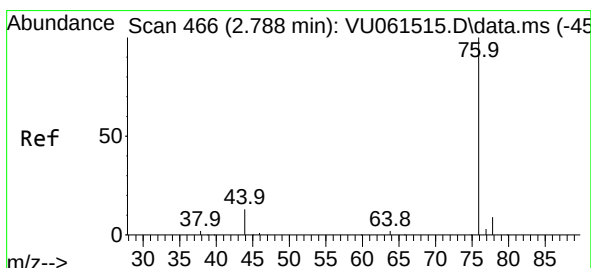
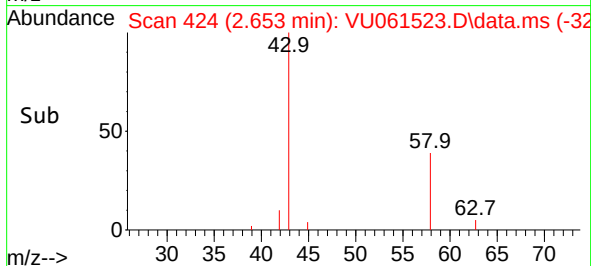
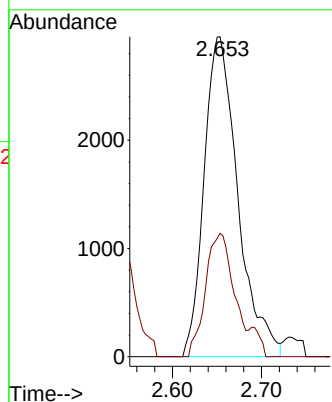
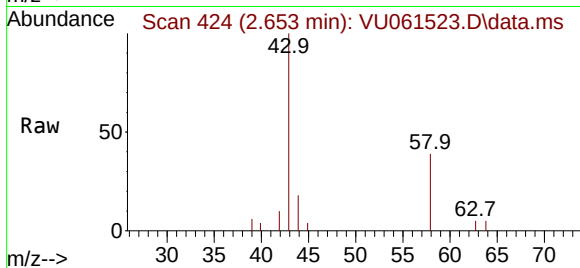
ClientSampleId :

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

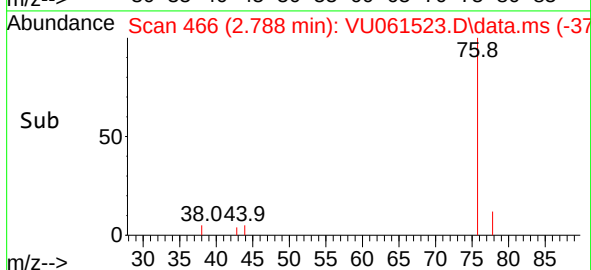
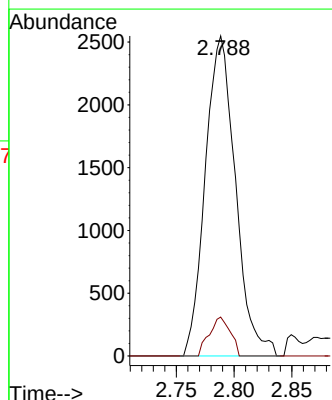
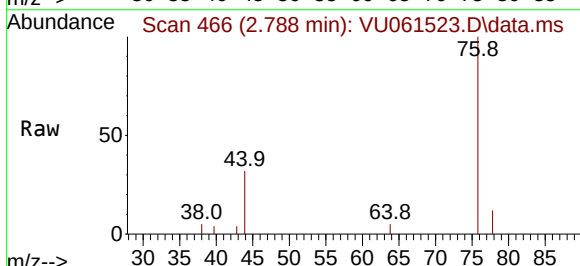
Acq: 07 Nov 2024 16:17

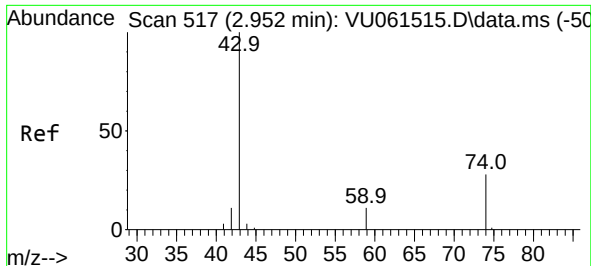
Tgt Ion: 76 Resp: 4639

Ion Ratio Lower Upper

76 100

78 12.2 7.4 11.2#

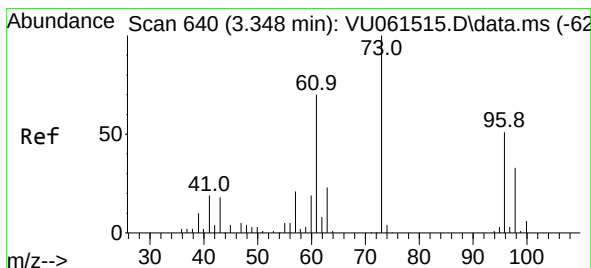
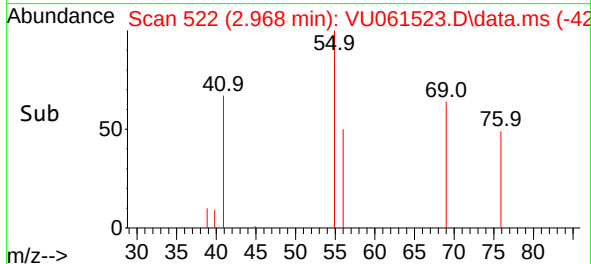
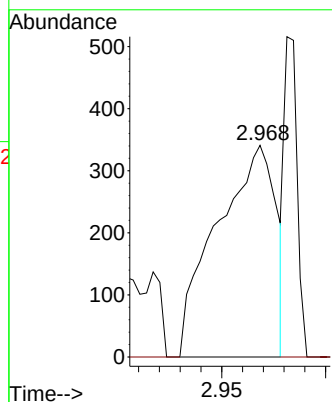
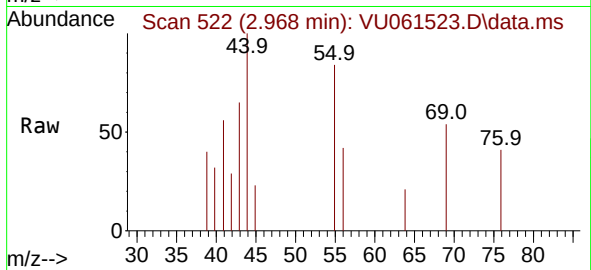




#15
Methyl Acetate
Concen: 0.215 ug/L
RT: 2.968 min Scan# 517
Delta R.T. 0.016 min
Lab File: VU061523.D
Acq: 07 Nov 2024 16:17

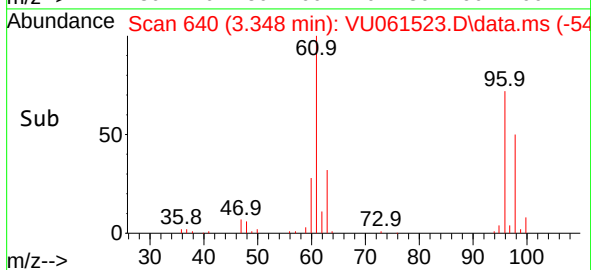
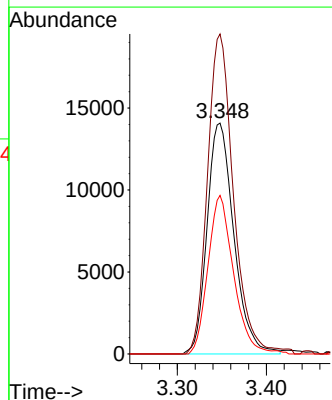
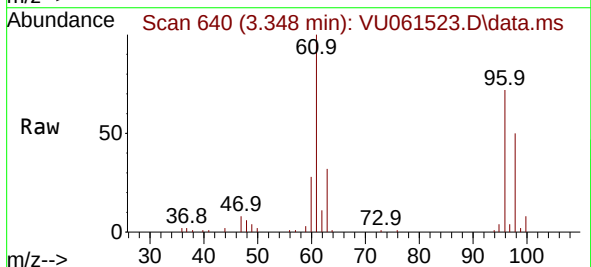
Instrument :
MSVOA_U
ClientSampleId :

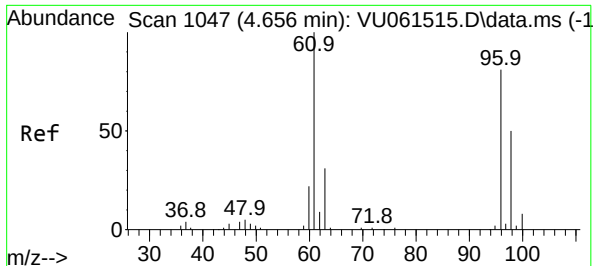
Tgt Ion: 43 Resp: 673
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.4#



#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

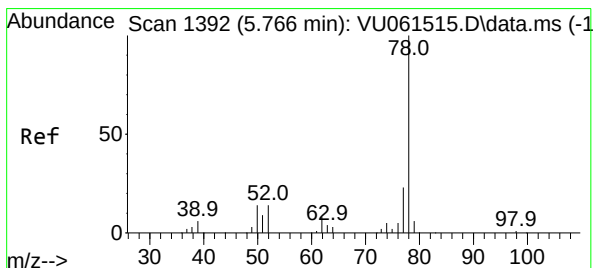
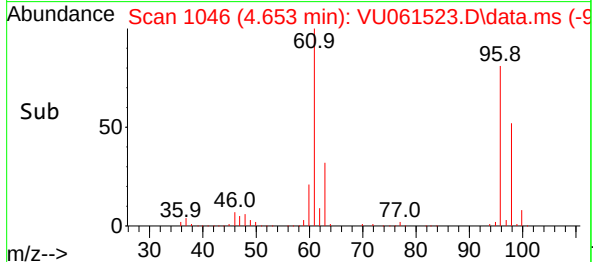
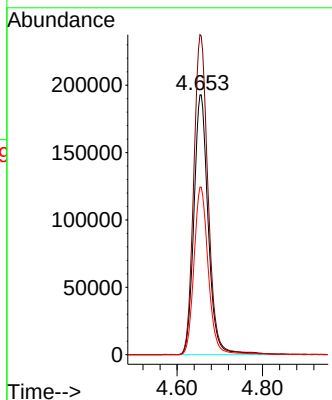
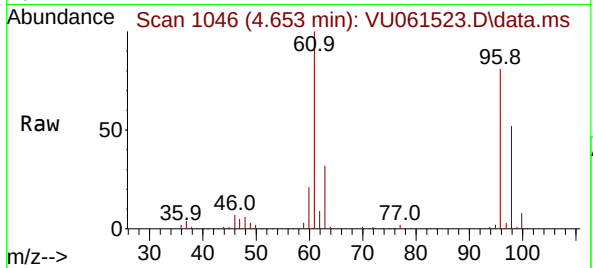




#22
 cis-1,2-Dichloroethene
 Concen: 41.302 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU061523.D
 Acq: 07 Nov 2024 16:17

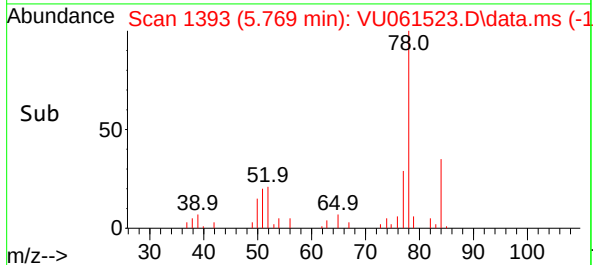
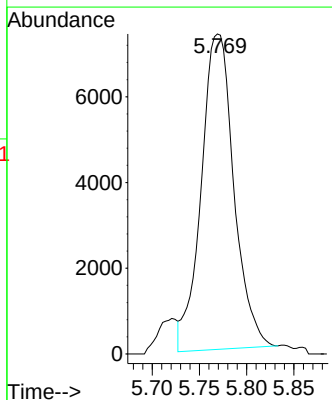
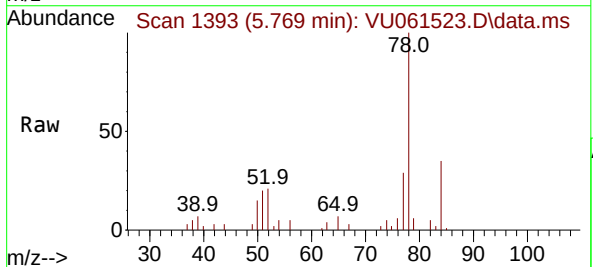
Instrument :
 MSVOA_U
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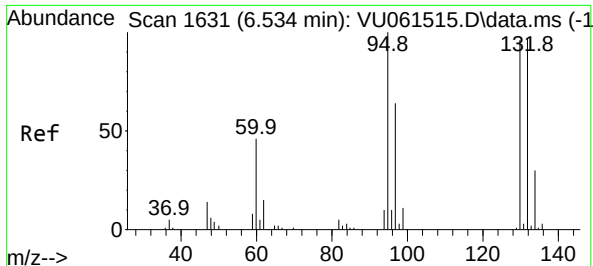
Tgt Ion: 96 Resp: 446494
 Ion Ratio Lower Upper
 96 100
 61 123.2 88.1 163.5
 98 64.5 45.0 83.6



#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

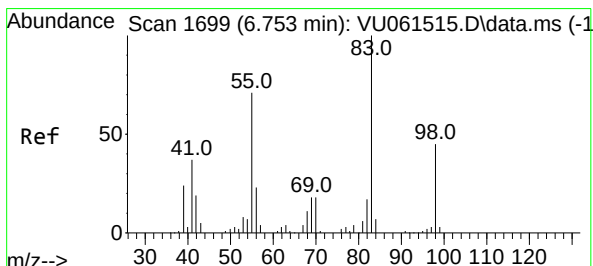
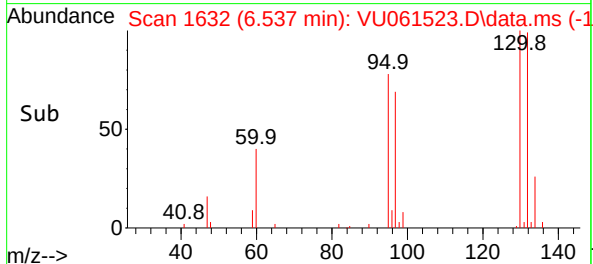
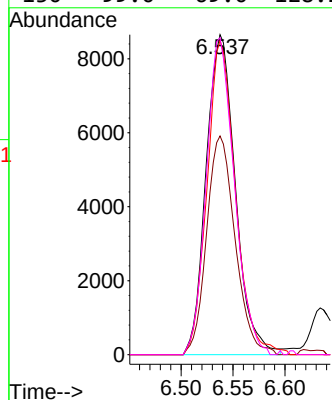
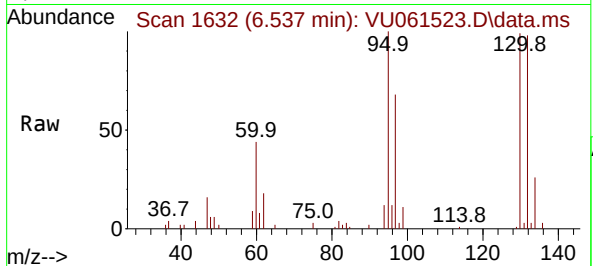




#34
Trichloroethene
Concen: 1.499 ug/L
RT: 6.537 min Scan# 1631
Delta R.T. 0.003 min
Lab File: VU061523.D
Acq: 07 Nov 2024 16:17

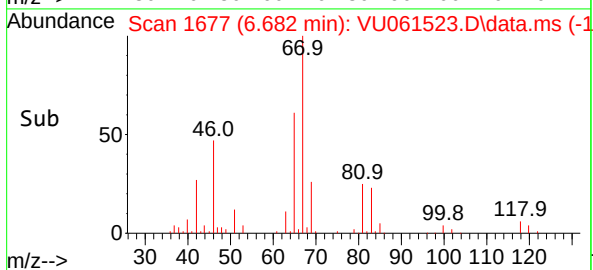
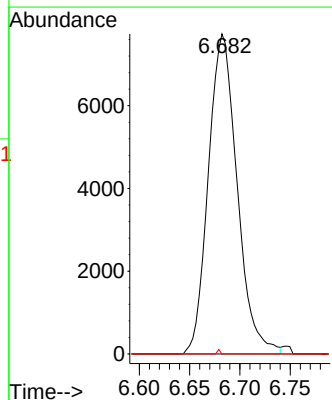
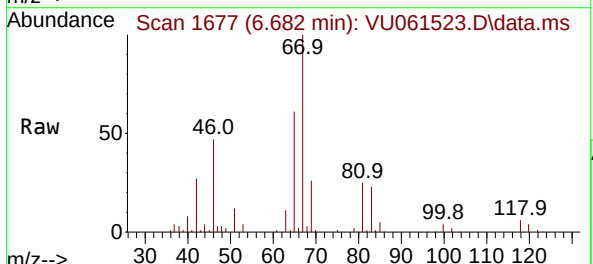
Instrument :
MSVOA_U
ClientSampleId :

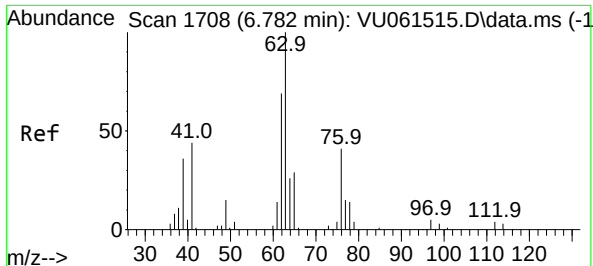
Tgt Ion: 95 Resp: 16912
Ion Ratio Lower Upper
95 100
97 68.3 46.1 85.7
132 98.2 66.1 122.7
130 99.0 69.0 128.2



#35
Methylcyclohexane
Concen: 0.857 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU061523.D
Acq: 07 Nov 2024 16:17

Tgt Ion: 83 Resp: 15392
Ion Ratio Lower Upper
83 100
55 0.4 55.9 83.9#
98 12.3 35.9 53.9#





#37

1,2-Dichloropropane

Concen: 0.679 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU061523.D

Acq: 07 Nov 2024 16:17

Instrument :

MSVOA_U

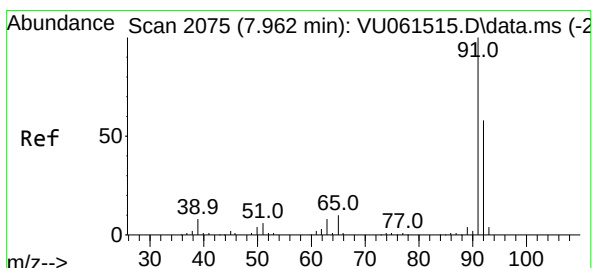
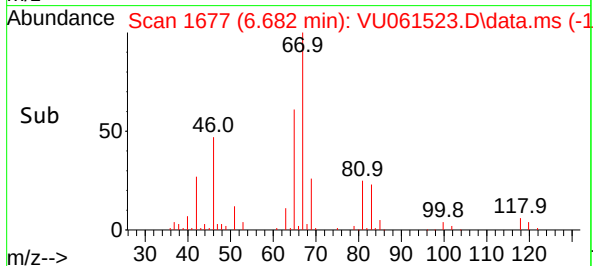
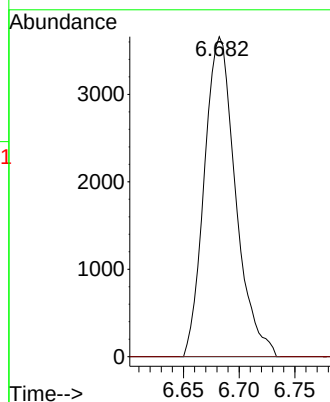
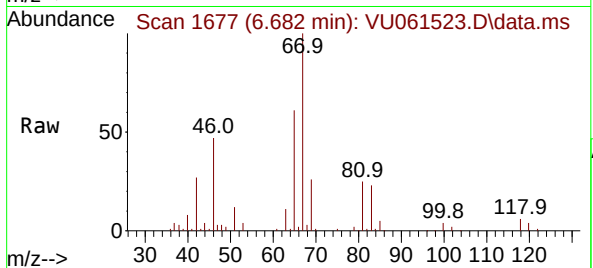
ClientSampleId :

Tgt Ion: 63 Resp: 7141

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#42

Toluene

Concen: 0.290 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU061523.D

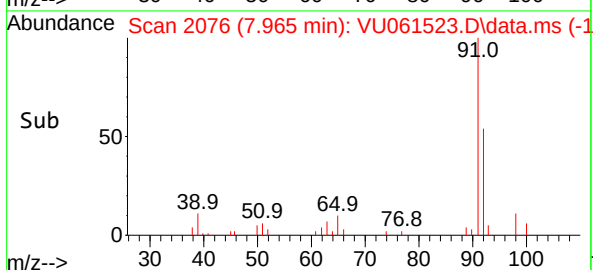
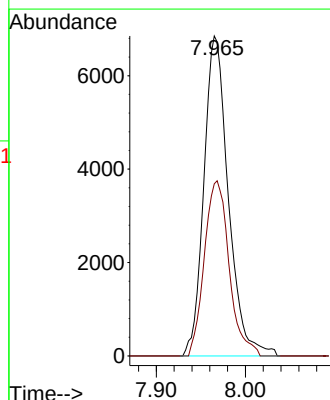
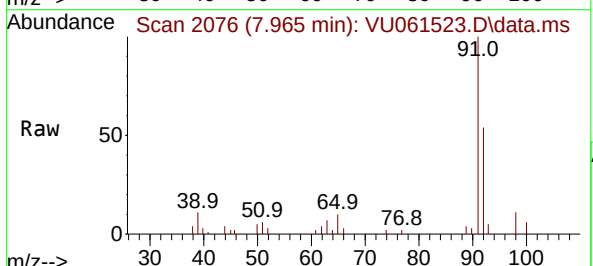
Acq: 07 Nov 2024 16:17

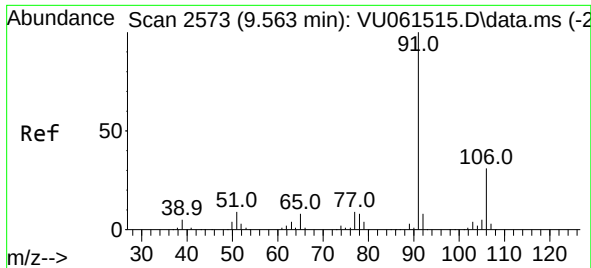
Tgt Ion: 91 Resp: 13088

Ion Ratio Lower Upper

91 100

92 53.8 40.3 74.8

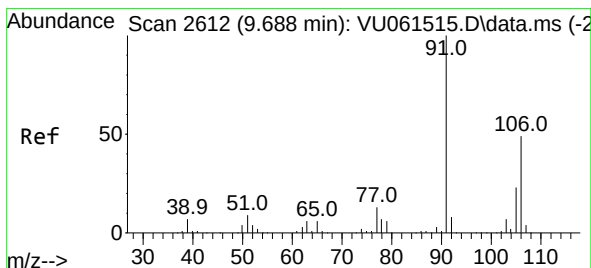
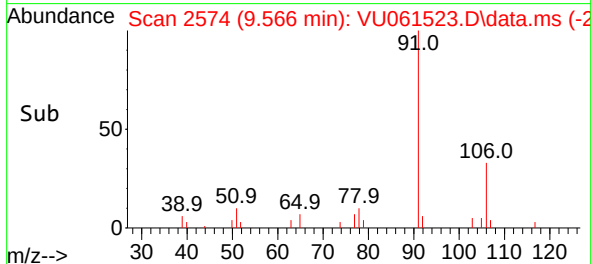
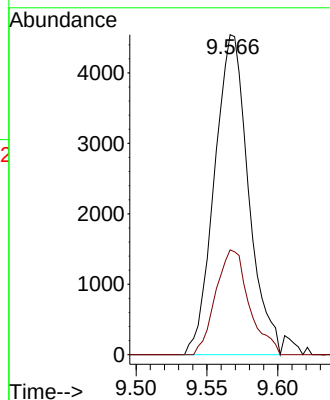
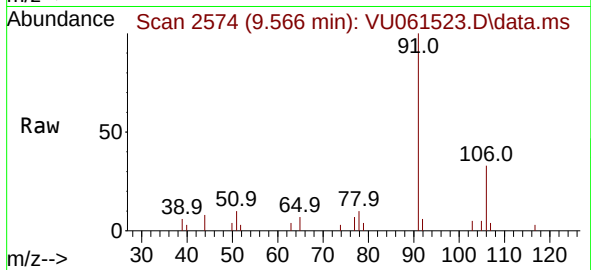




#52
Ethylbenzene
Concen: 0.153 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU061523.D
Acq: 07 Nov 2024 16:17

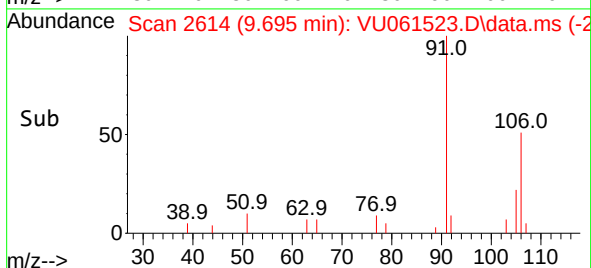
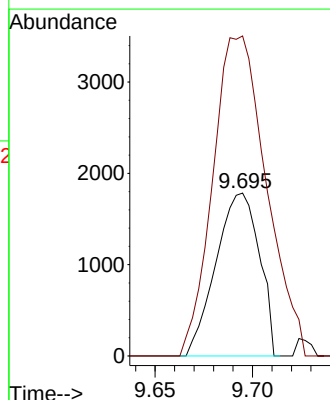
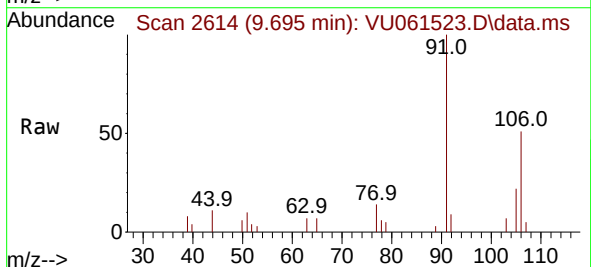
Instrument :
MSVOA_U
ClientSampleId :

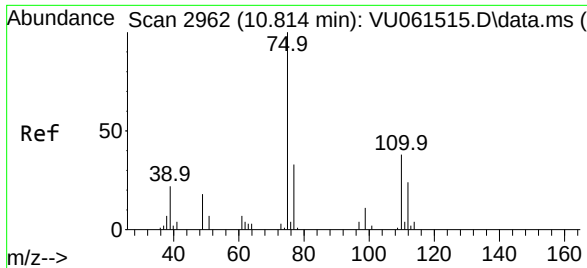
Tgt Ion: 91 Resp: 7600
Ion Ratio Lower Upper
91 100
106 32.7 22.0 41.0



#53
m,p-Xylene
Concen: 0.146 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.007 min
Lab File: VU061523.D
Acq: 07 Nov 2024 16:17

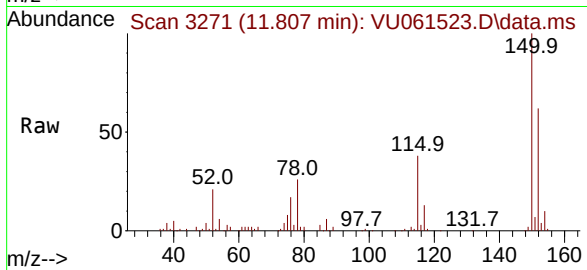
Tgt Ion: 106 Resp: 2758
Ion Ratio Lower Upper
106 100
91 196.4 145.7 270.7





#61
1,2,3-Trichloropropane
Concen: 1.264 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU061523.D
Acq: 07 Nov 2024 16:17

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	7515
Ion	Ratio	Lower	Upper
75	100		
110	2.0	28.8	43.2#
77	35.1	25.7	38.5

