

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
 Data File : VU061522.D
 Acq On : 07 Nov 2024 15:53
 Operator : MD/SY
 Sample : P4743-06
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 08 00:28:51 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)

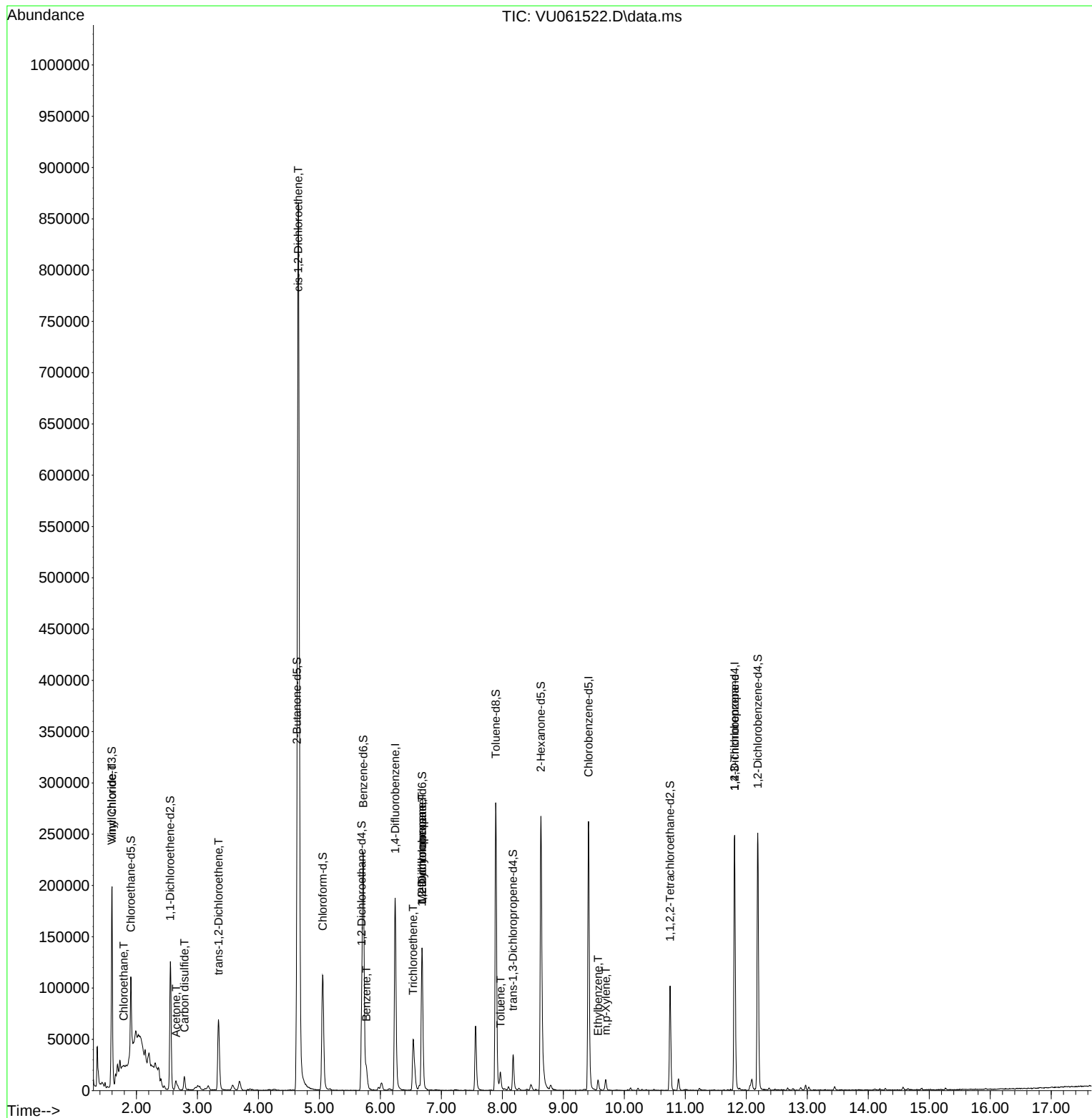
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	161737	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	150097	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67276	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49446	4.501	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.000%	
7) Chloroethane-d5	1.907	69	54582	5.419	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.400%	
11) 1,1-Dichloroethene-d2	2.554	65	23188	4.933	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	98.600%	
20) 2-Butanone-d5	4.631	46	109362	49.027	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.060%	
24) Chloroform-d	5.052	84	108198	5.188	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.800%	
26) 1,2-Dichloroethane-d4	5.692	65	54790	5.271	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.400%	
32) Benzene-d6	5.718	84	225515	5.332	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.600%	
36) 1,2-Dichloropropane-d6	6.682	67	68311	5.372	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.400%	
41) Toluene-d8	7.891	98	196786	4.976	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.600%	
43) trans-1,3-Dichloroprop...	8.174	79	21390	4.121	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.400%	
46) 2-Hexanone-d5	8.631	63	104437	49.128	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.260%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	49811	5.180	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	67264	5.646	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	113.000%	
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	88261	7.060	ug/L	100
8) Chloroethane	1.792	64	22732	2.470	ug/L #	50
13) Acetone	2.650	43	6130	4.339	ug/L	97
14) Carbon disulfide	2.785	76	17917	0.562	ug/L	95
18) trans-1,2-Dichloroethene	3.345	96	30514	2.886	ug/L	94
22) cis-1,2-Dichloroethene	4.653	96	451227	37.360	ug/L	99
33) Benzene	5.769	78	21458	0.462	ug/L	100
34) Trichloroethene	6.538	95	17032	1.349	ug/L	98
35) Methylcyclohexane	6.682	83	16093	0.801	ug/L #	22
37) 1,2-Dichloropropane	6.679	63	7399	0.629	ug/L #	89
42) Toluene	7.968	91	13468	0.267	ug/L	97
52) Ethylbenzene	9.566	91	7958	0.144	ug/L	93
53) m,p-Xylene	9.695	106	3281	0.155	ug/L	82
61) 1,2,3-Trichloropropane	11.807	75	8555	1.277	ug/L #	68

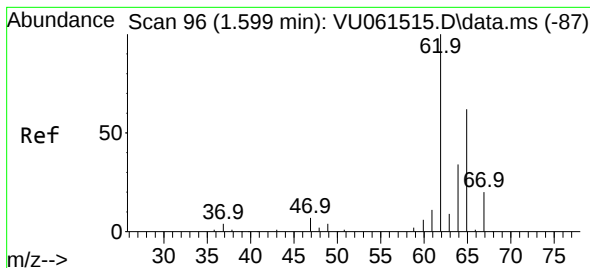
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 08 00:26:16 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 7.060 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU061522.D

Acq: 07 Nov 2024 15:53

Instrument :

MSVOA_U

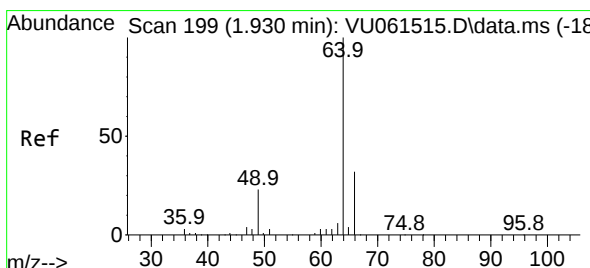
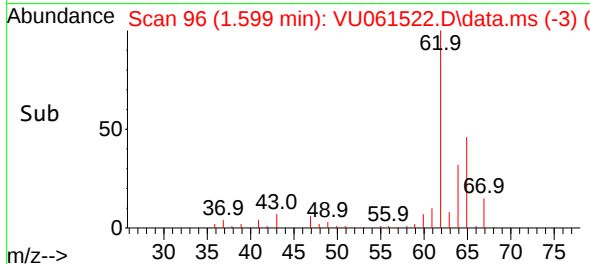
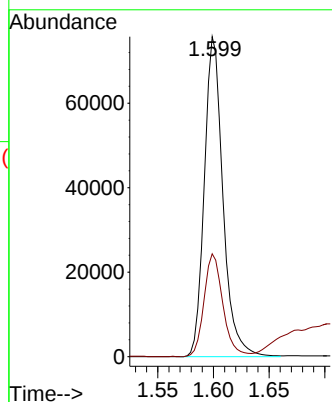
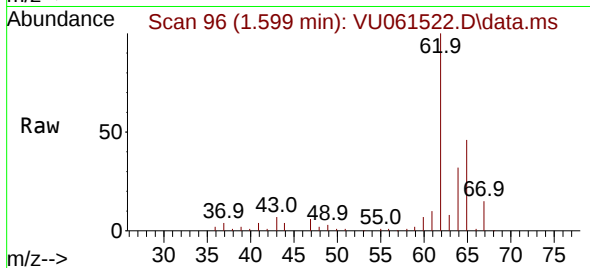
ClientSampleId :

Tgt Ion: 62 Resp: 88261

Ion Ratio Lower Upper

62 100

64 32.1 22.6 42.0



#8

Chloroethane

Concen: 2.470 ug/L

RT: 1.792 min Scan# 156

Delta R.T. -0.138 min

Lab File: VU061522.D

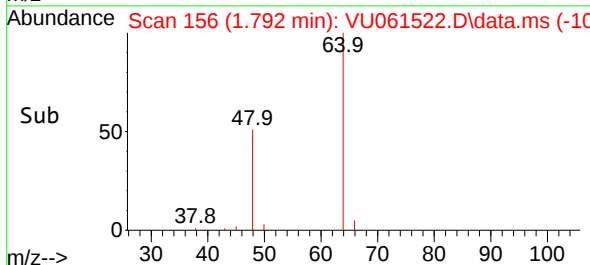
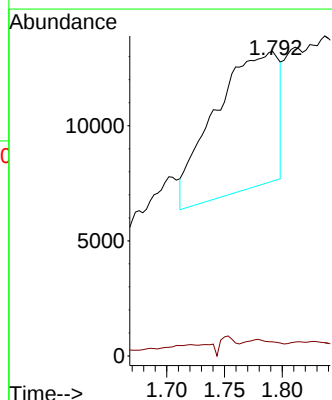
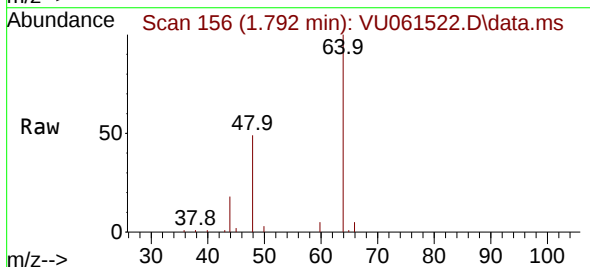
Acq: 07 Nov 2024 15:53

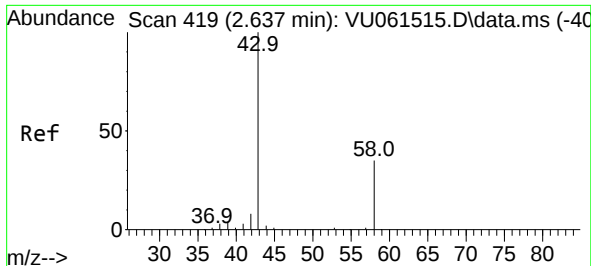
Tgt Ion: 64 Resp: 22732

Ion Ratio Lower Upper

64 100

66 4.6 23.1 42.9#





#13

Acetone

Concen: 4.339 ug/L

RT: 2.650 min Scan# 41

Delta R.T. 0.013 min

Lab File: VU061522.D

Acq: 07 Nov 2024 15:53

Instrument :

MSVOA_U

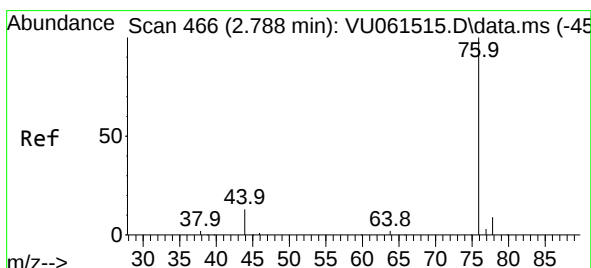
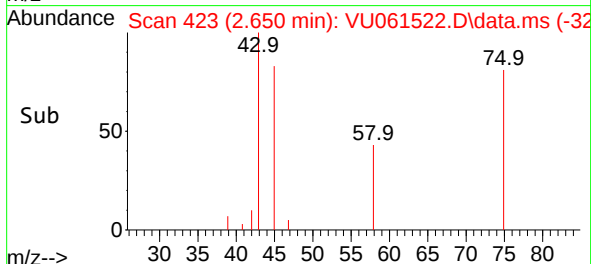
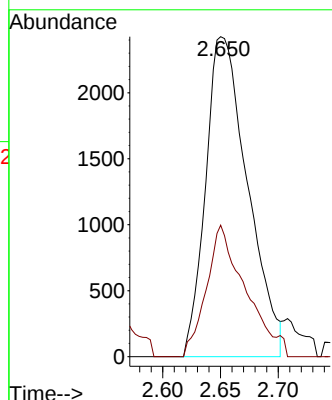
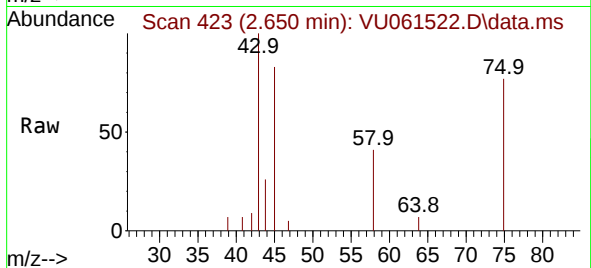
ClientSampleId :

Tgt Ion: 43 Resp: 6130

Ion Ratio Lower Upper

43 100

58 38.2 0.0 73.2



#14

Carbon disulfide

Concen: 0.562 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU061522.D

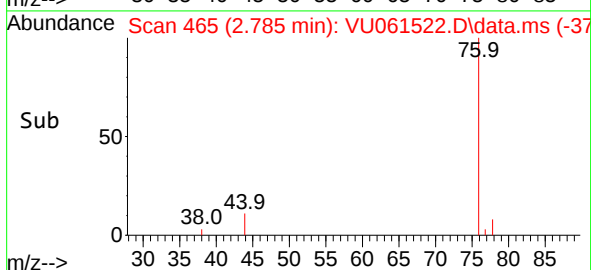
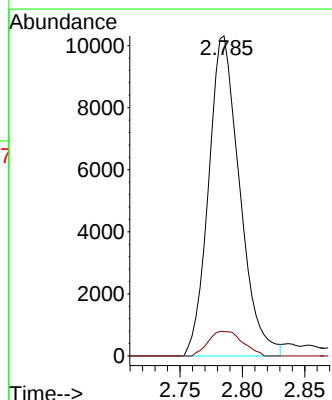
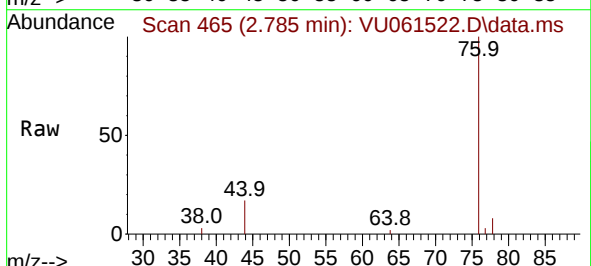
Acq: 07 Nov 2024 15:53

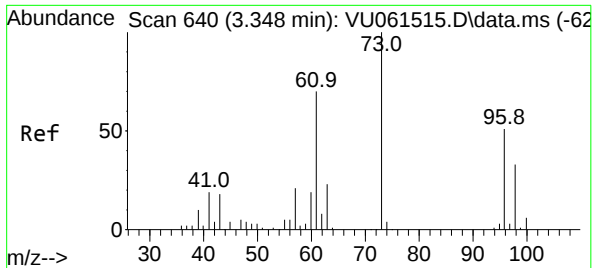
Tgt Ion: 76 Resp: 17917

Ion Ratio Lower Upper

76 100

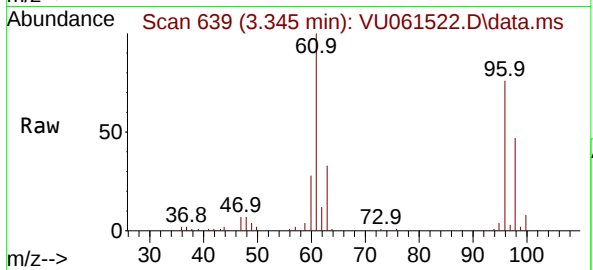
78 7.6 7.4 11.2





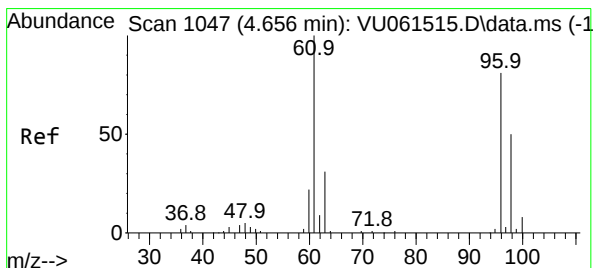
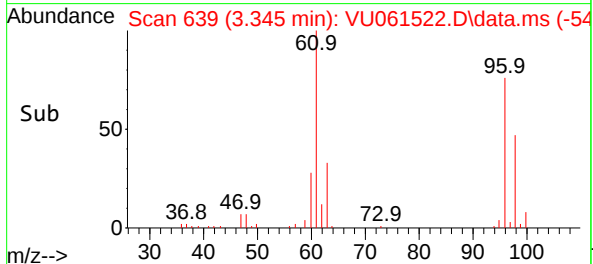
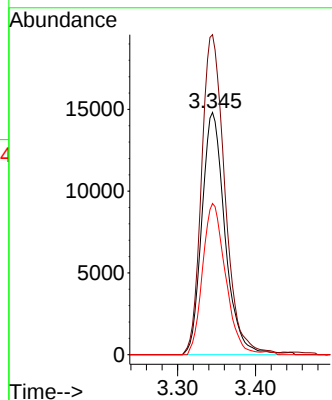
#18
trans-1,2-Dichloroethene
Concen: 2.886 ug/L
RT: 3.345 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU061522.D
Acq: 07 Nov 2024 15:53

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 30514

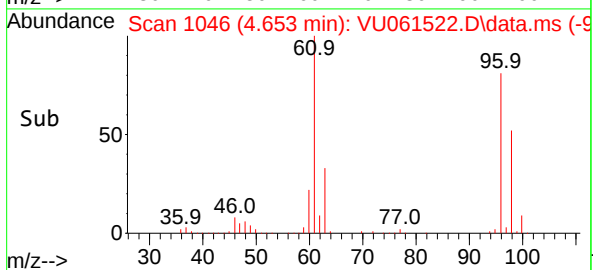
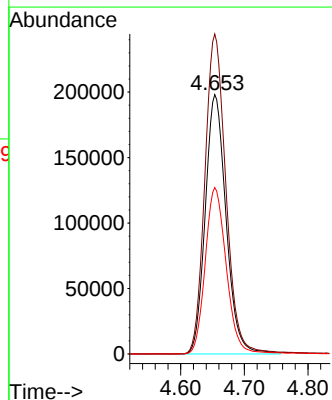
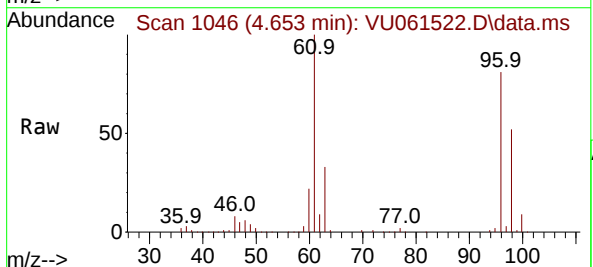
Ion	Ratio	Lower	Upper
96	100		
61	132.1	97.9	181.7
98	62.4	46.2	85.8

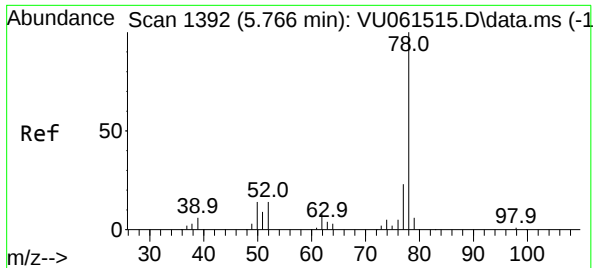


#22
cis-1,2-Dichloroethene
Concen: 37.360 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU061522.D
Acq: 07 Nov 2024 15:53

Tgt Ion: 96 Resp: 451227

Ion	Ratio	Lower	Upper
96	100		
61	123.4	88.1	163.5
98	64.2	45.0	83.6

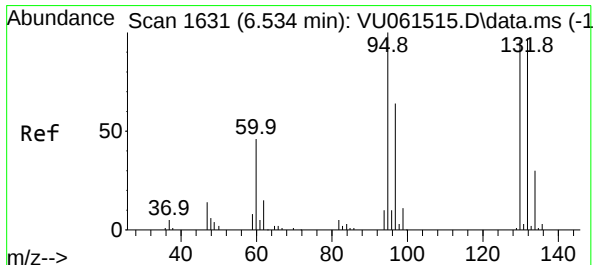
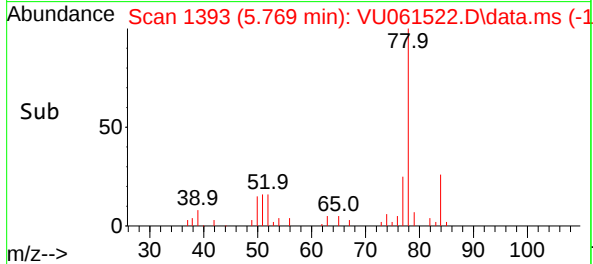
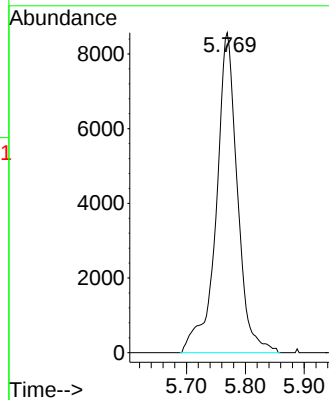
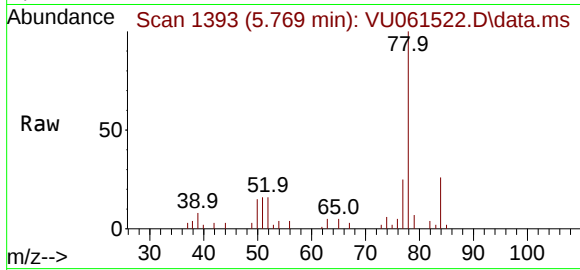




#33
Benzene
Concen: 0.462 ug/L
RT: 5.769 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU061522.D
Acq: 07 Nov 2024 15:53

Instrument :
MSVOA_U
ClientSampleId :

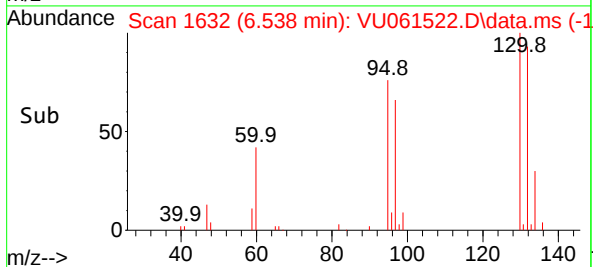
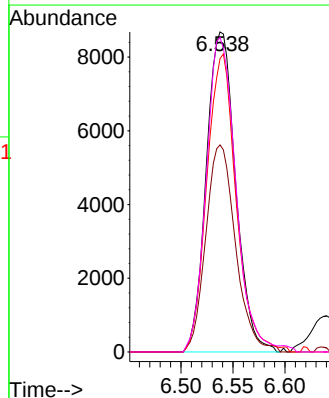
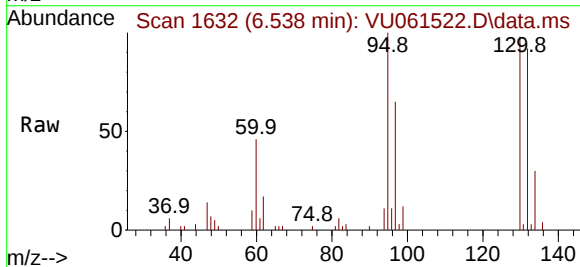
Tgt Ion: 78 Resp: 21458

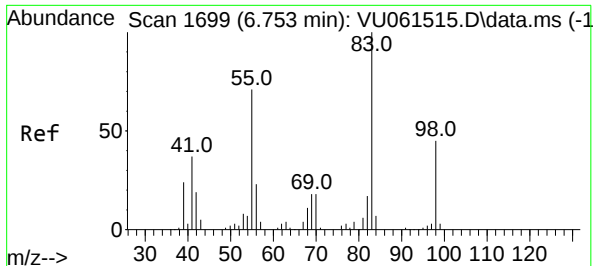


#34
Trichloroethene
Concen: 1.349 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU061522.D
Acq: 07 Nov 2024 15:53

Tgt Ion: 95 Resp: 17032

Ion	Ratio	Lower	Upper
95	100		
97	64.7	46.1	85.7
132	91.7	66.1	122.7
130	98.2	69.0	128.2

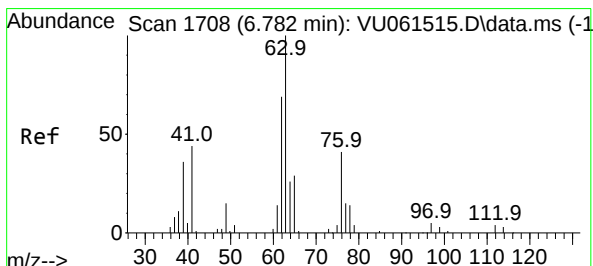
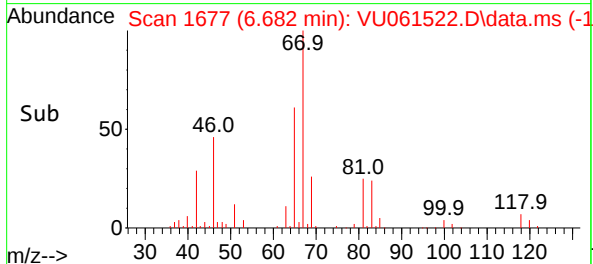
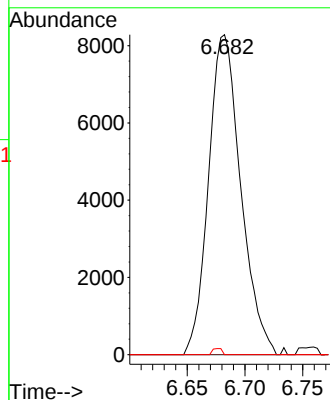
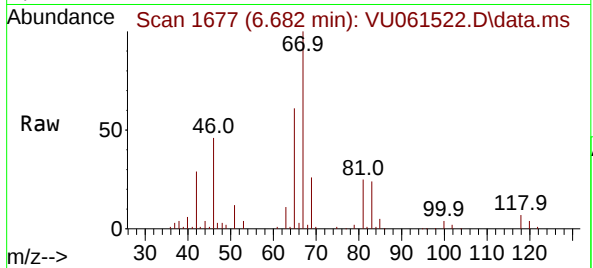




#35
Methylcyclohexane
Concen: 0.801 ug/L
RT: 6.682 min Scan# 1693
Delta R.T. -0.071 min
Lab File: VU061522.D
Acq: 07 Nov 2024 15:53

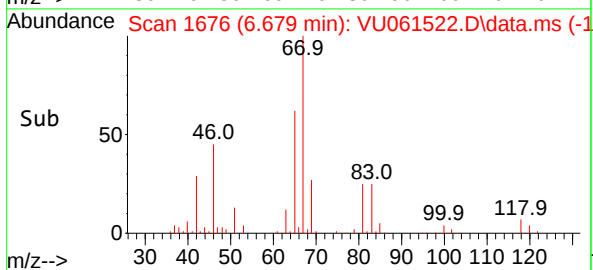
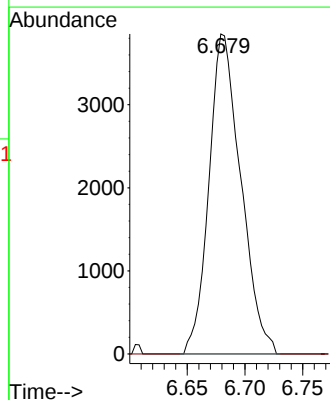
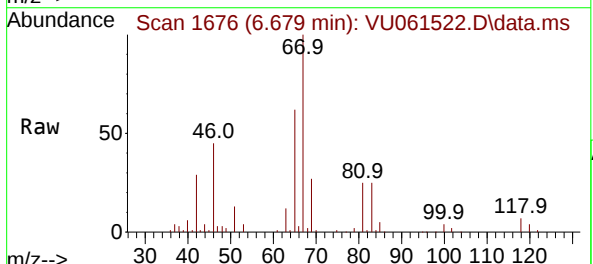
Instrument :
MSVOA_U
ClientSampleId :

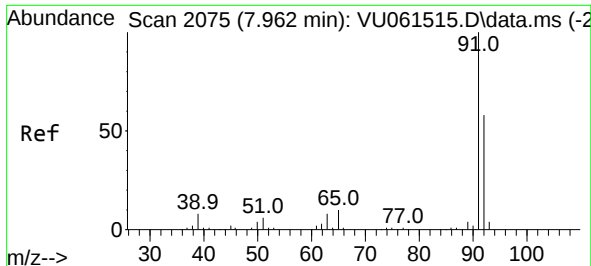
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.9	83.9#
98	0.6	35.9	53.9#



#37
1,2-Dichloropropane
Concen: 0.629 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.103 min
Lab File: VU061522.D
Acq: 07 Nov 2024 15:53

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#





#42

Toluene

Concen: 0.267 ug/L

RT: 7.968 min Scan# 2075

Delta R.T. 0.007 min

Lab File: VU061522.D

Acq: 07 Nov 2024 15:53

Instrument :

MSVOA_U

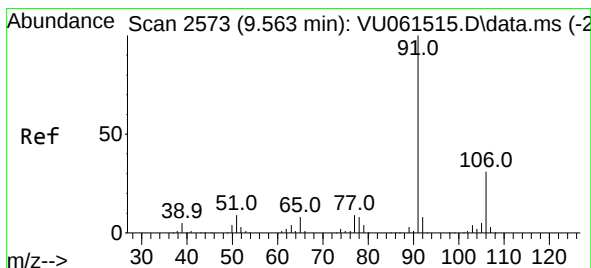
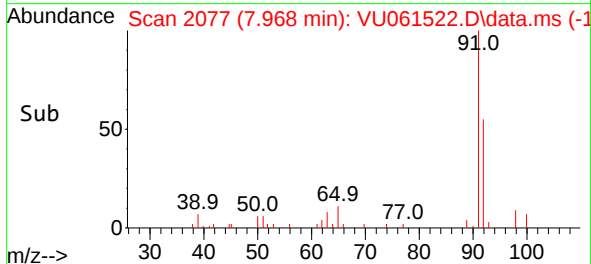
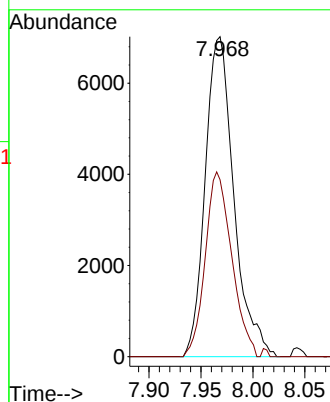
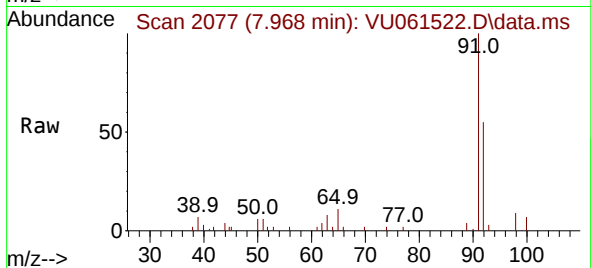
ClientSampleId :

Tgt Ion: 91 Resp: 13468

Ion Ratio Lower Upper

91 100

92 55.3 40.3 74.8



#52

Ethylbenzene

Concen: 0.144 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. 0.003 min

Lab File: VU061522.D

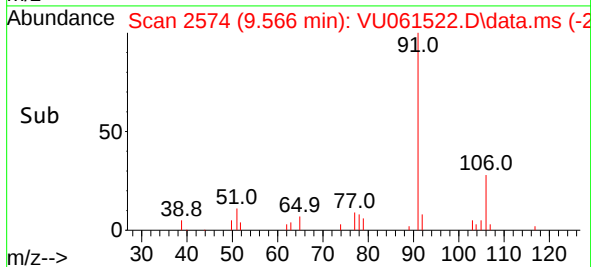
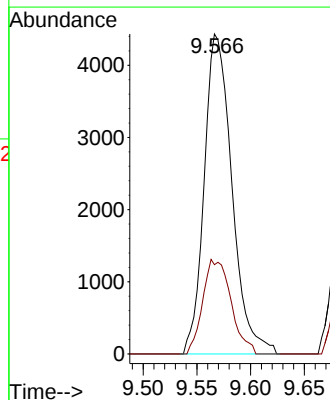
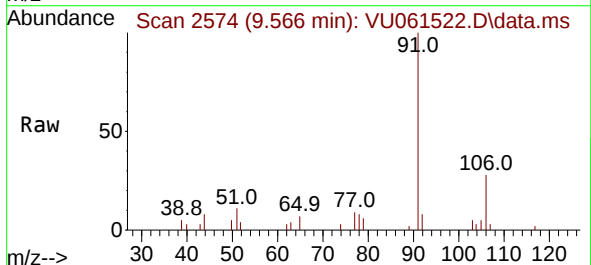
Acq: 07 Nov 2024 15:53

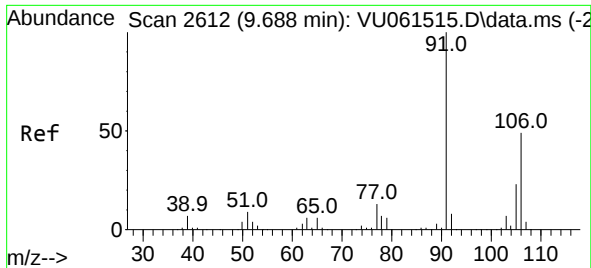
Tgt Ion: 91 Resp: 7958

Ion Ratio Lower Upper

91 100

106 27.9 22.0 41.0

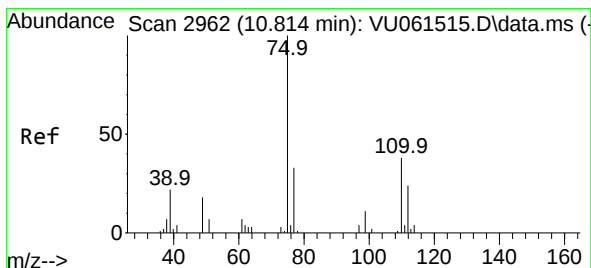
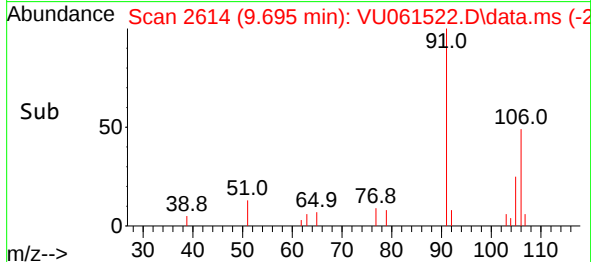
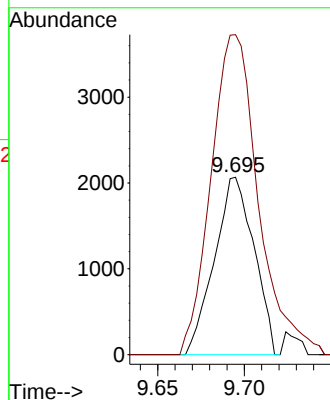
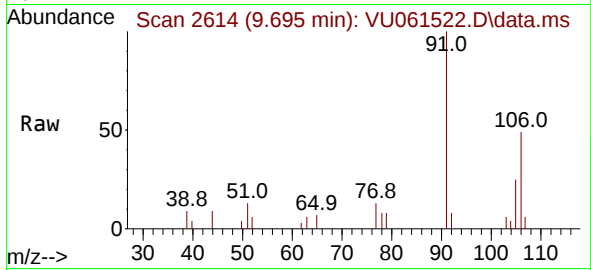




#53
m,p-Xylene
Concen: 0.155 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.007 min
Lab File: VU061522.D
Acq: 07 Nov 2024 15:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 3281
Ion Ratio Lower Upper
106 100
91 180.4 145.7 270.7



#61
1,2,3-Trichloropropane
Concen: 1.277 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.994 min
Lab File: VU061522.D
Acq: 07 Nov 2024 15:53

Tgt Ion: 75 Resp: 8555
Ion Ratio Lower Upper
75 100
110 1.6 28.8 43.2#
77 30.3 25.7 38.5

