

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
 Data File : VU061527.D
 Acq On : 07 Nov 2024 17:55
 Operator : MD/SY
 Sample : P4743-11
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 08 00:30:49 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)

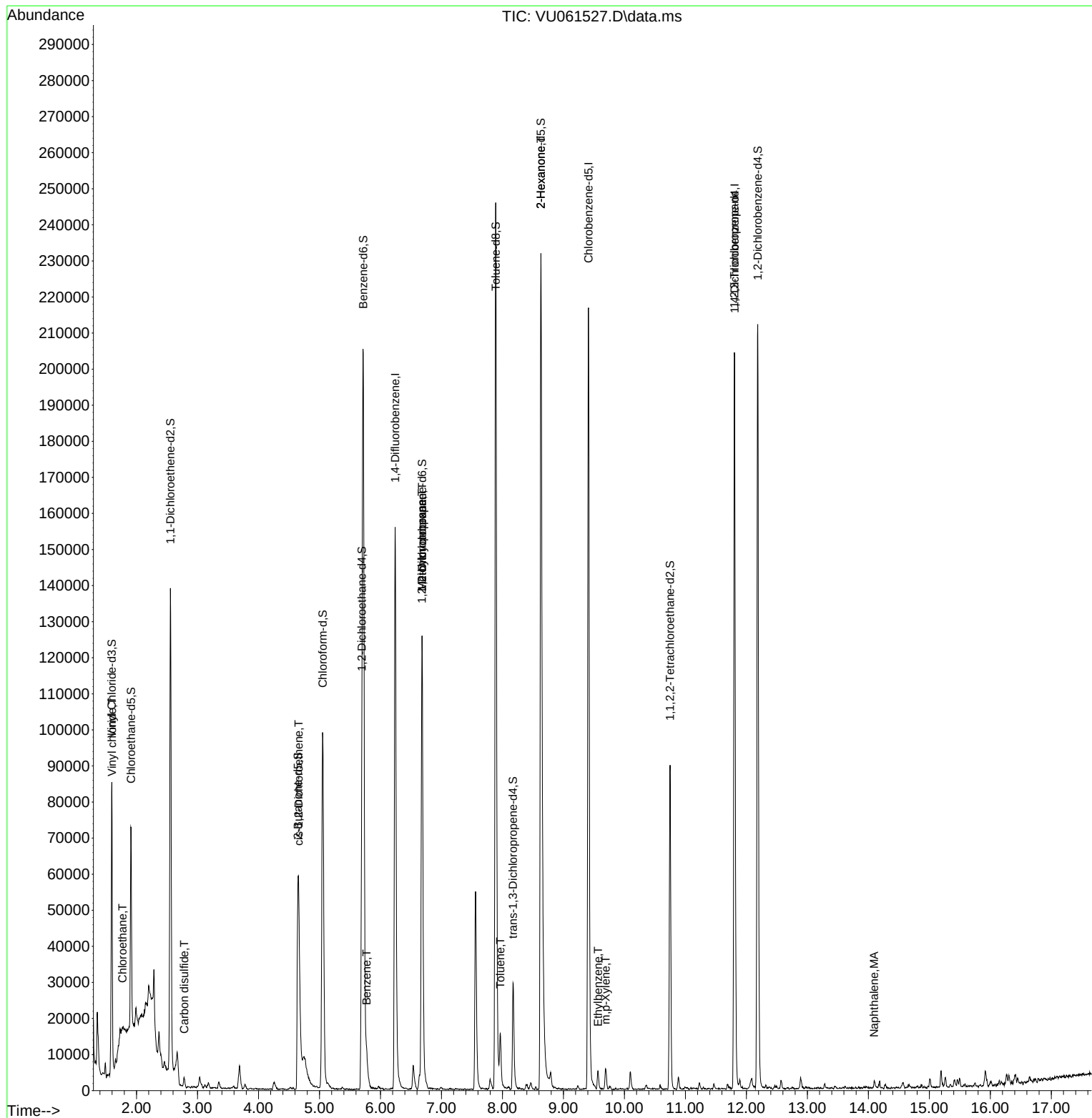
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	135748	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	128213	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	57053	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	44704	4.848	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.000%
7) Chloroethane-d5	1.911	69	41974	4.965	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.557	65	24686	6.257	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	125.200%#
20) 2-Butanone-d5	4.647	46	76551	40.888	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.780%
24) Chloroform-d	5.052	84	95235	5.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.800%
26) 1,2-Dichloroethane-d4	5.695	65	47715	5.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.400%
32) Benzene-d6	5.718	84	200869	5.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.200%
36) 1,2-Dichloropropane-d6	6.682	67	62406	5.746	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.000%
41) Toluene-d8	7.891	98	173620	5.140	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
43) trans-1,3-Dichloroprop...	8.174	79	18514	4.176	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.631	63	97957	53.945	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.880%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	44538	5.423	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	57362	5.678	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	4163	0.397	ug/L #	39
8) Chloroethane	1.769	64	2299	0.298	ug/L #	53
14) Carbon disulfide	2.782	76	3289	0.123	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	9480	0.935	ug/L	98
33) Benzene	5.775	78	6388	0.161	ug/L	100
35) Methylcyclohexane	6.682	83	14284	0.832	ug/L #	23
37) 1,2-Dichloropropane	6.679	63	6793	0.676	ug/L #	89
42) Toluene	7.965	91	12042	0.280	ug/L	97
48) 2-Hexanone	8.631	43	16576	4.686	ug/L #	68
52) Ethylbenzene	9.566	91	4286	0.090	ug/L	95
53) m,p-Xylene	9.692	106	1918	0.106	ug/L	97
61) 1,2,3-Trichloropropane	11.804	75	7144	1.257	ug/L #	66
71) Naphthalene	14.093	128	2394	0.150	ug/L #	93

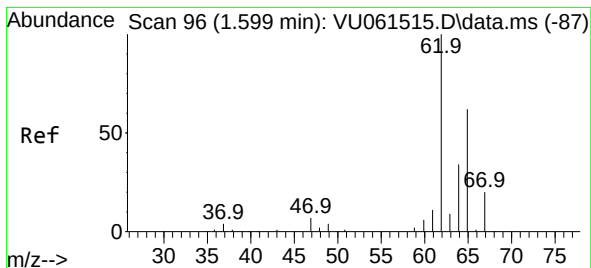
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.397 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU061527.D

Acq: 07 Nov 2024 17:55

Instrument :

MSVOA_U

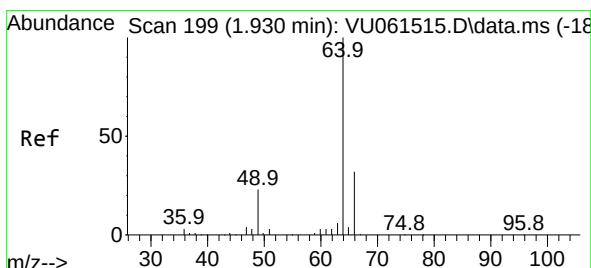
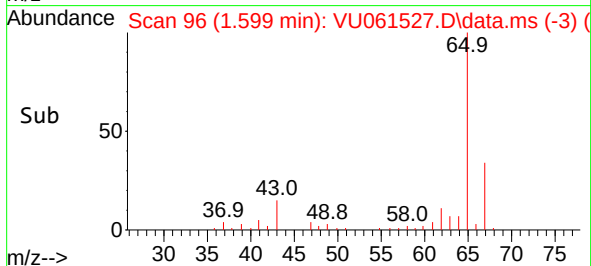
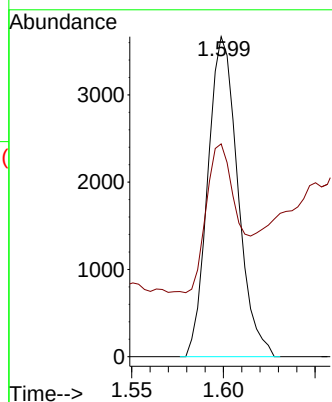
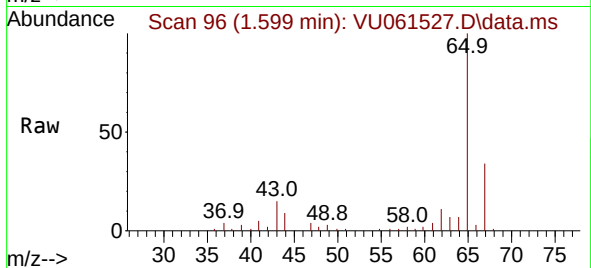
ClientSampleId :

Tgt Ion: 62 Resp: 4163

Ion Ratio Lower Upper

62 100

64 66.5 22.6 42.0#



#8

Chloroethane

Concen: 0.298 ug/L

RT: 1.769 min Scan# 149

Delta R.T. -0.161 min

Lab File: VU061527.D

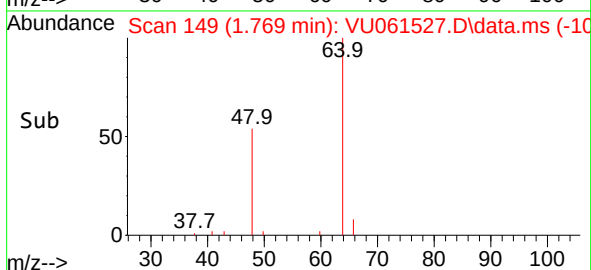
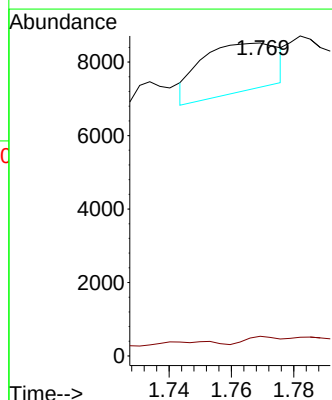
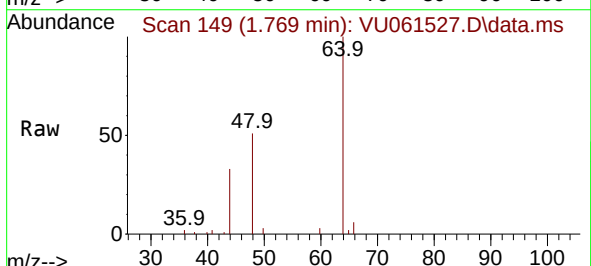
Acq: 07 Nov 2024 17:55

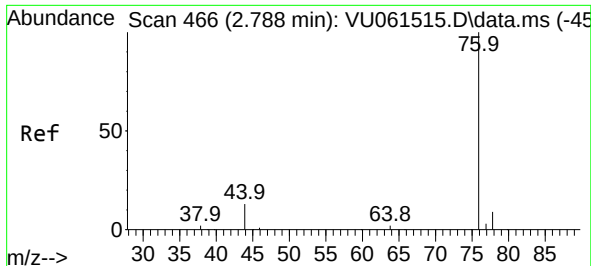
Tgt Ion: 64 Resp: 2299

Ion Ratio Lower Upper

64 100

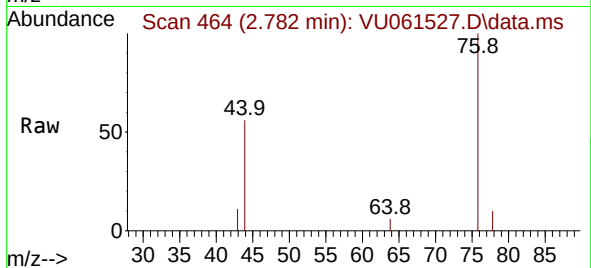
66 6.3 23.1 42.9#



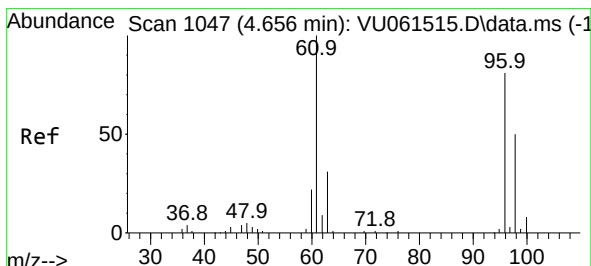
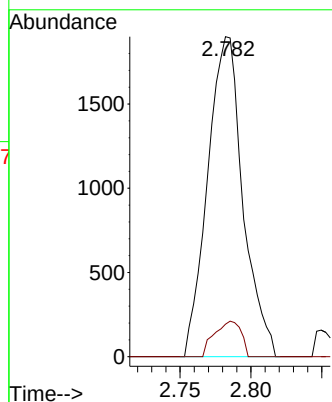
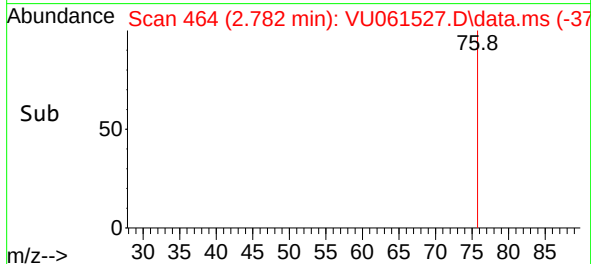


#14
Carbon disulfide
Concen: 0.123 ug/L
RT: 2.782 min Scan# 41
Delta R.T. -0.006 min
Lab File: VU061527.D
Acq: 07 Nov 2024 17:55

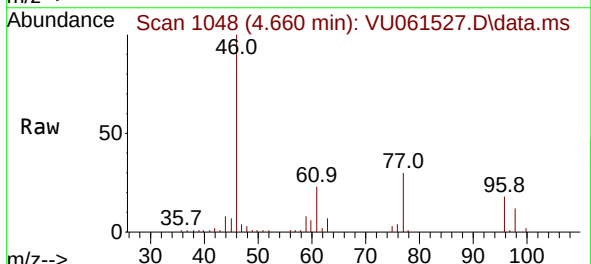
Instrument :
MSVOA_U
ClientSampleId :



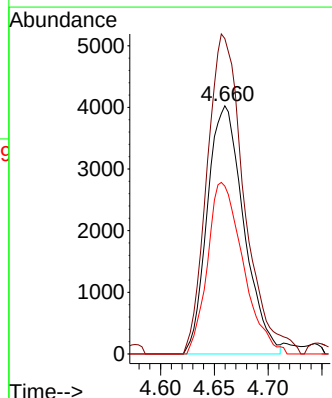
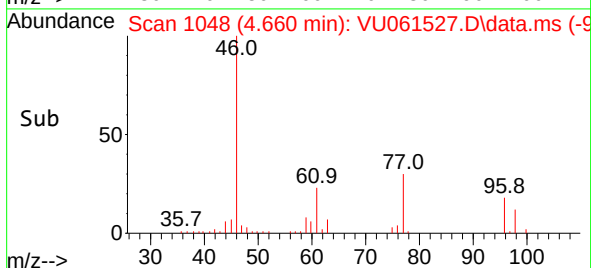
Tgt Ion: 76 Resp: 3289
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.2

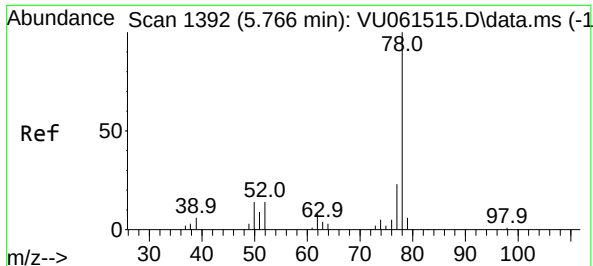


#22
cis-1,2-Dichloroethene
Concen: 0.935 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU061527.D
Acq: 07 Nov 2024 17:55



Tgt Ion: 96 Resp: 9480
Ion Ratio Lower Upper
96 100
61 127.1 88.1 163.5
98 67.6 45.0 83.6

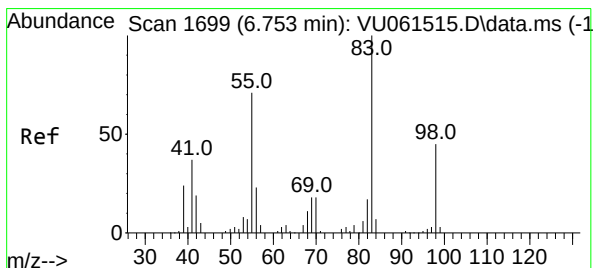
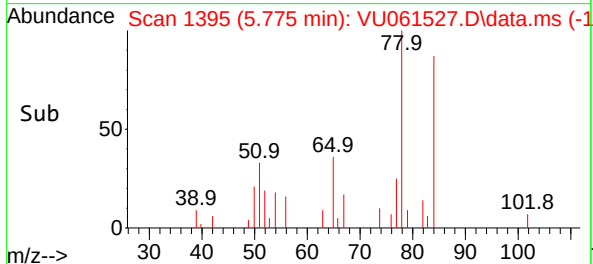
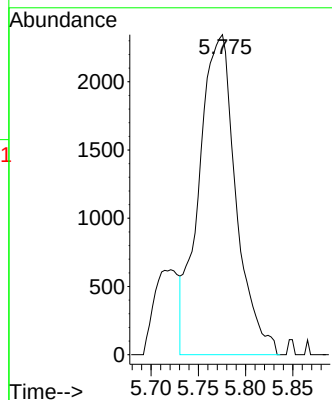
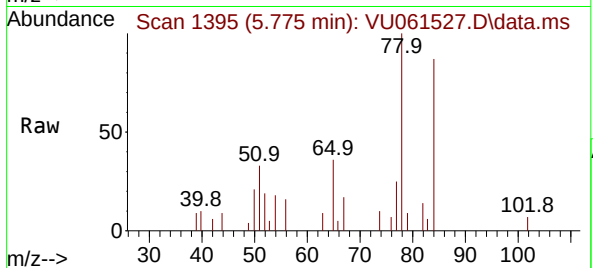




#33
Benzene
Concen: 0.161 ug/L
RT: 5.775 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU061527.D
Acq: 07 Nov 2024 17:55

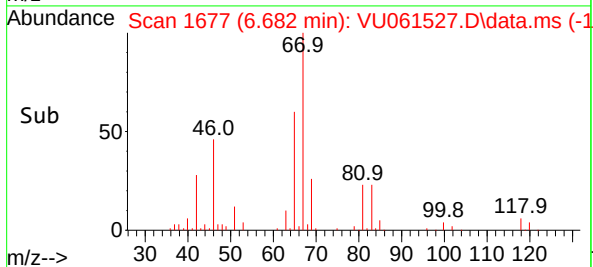
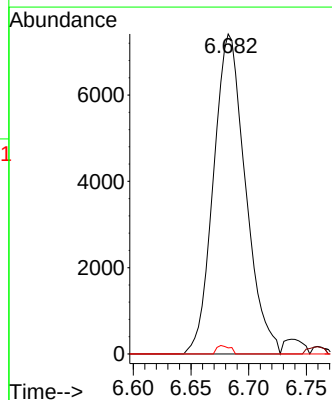
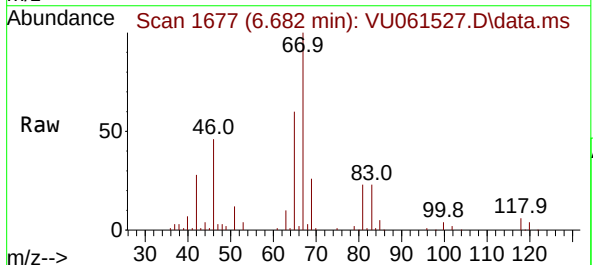
Instrument :
MSVOA_U
ClientSampleId :

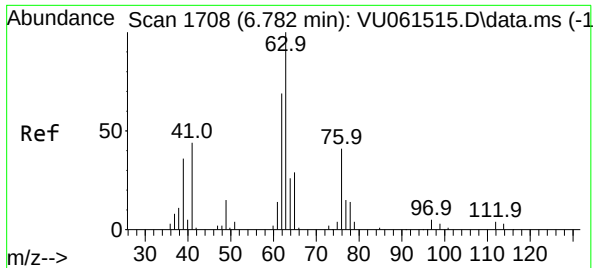
Tgt Ion: 78 Resp: 6388



#35
Methylcyclohexane
Concen: 0.832 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU061527.D
Acq: 07 Nov 2024 17:55

Tgt Ion: 83 Resp: 14284
Ion Ratio Lower Upper
83 100
55 1.1 55.9 83.9#
98 1.1 35.9 53.9#

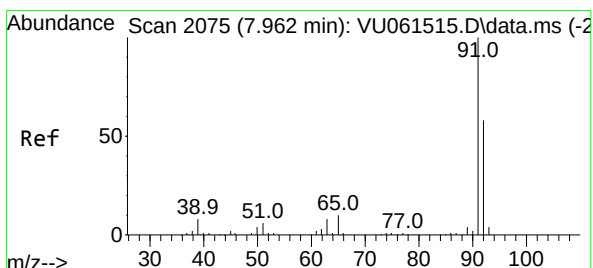
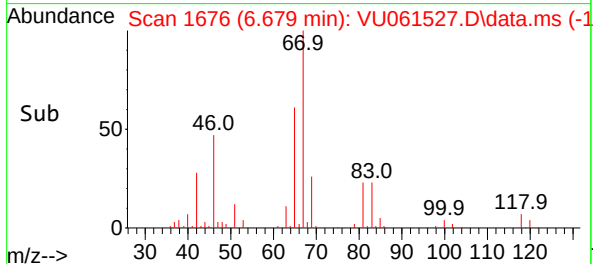
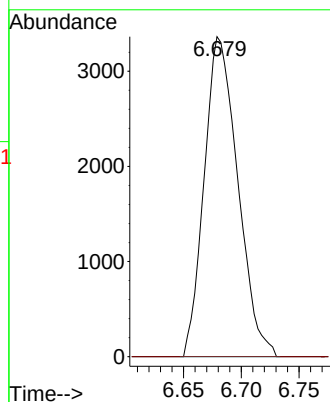
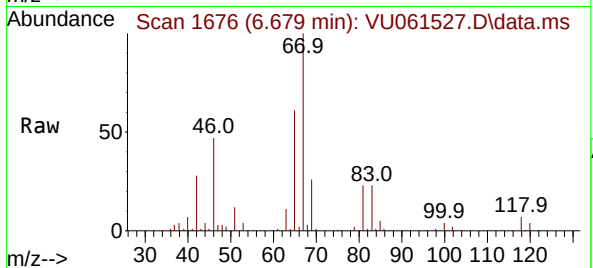




#37
1,2-Dichloropropane
Concen: 0.676 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU061527.D
Acq: 07 Nov 2024 17:55

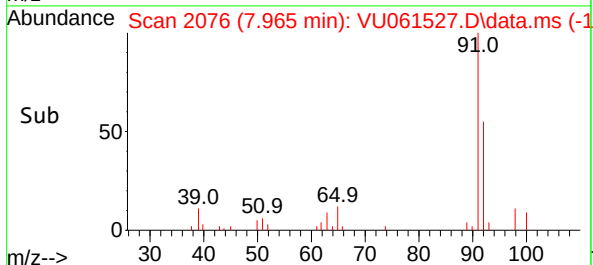
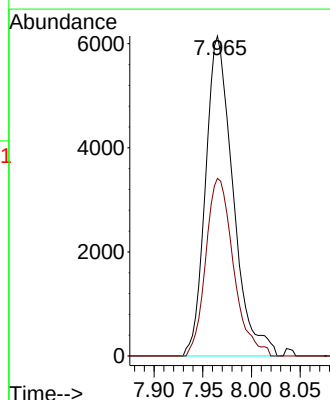
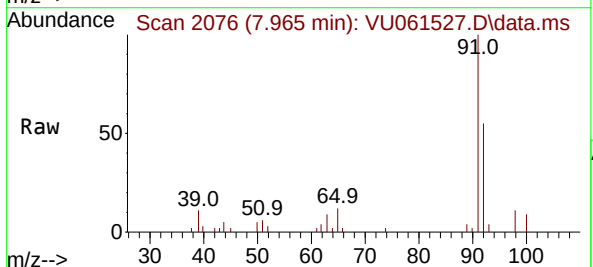
Instrument :
MSVOA_U
ClientSampleId :

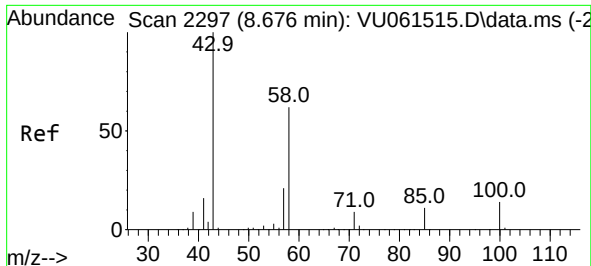
Tgt Ion: 63 Resp: 6793
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#42
Toluene
Concen: 0.280 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU061527.D
Acq: 07 Nov 2024 17:55

Tgt Ion: 91 Resp: 12042
Ion Ratio Lower Upper
91 100
92 55.5 40.3 74.8

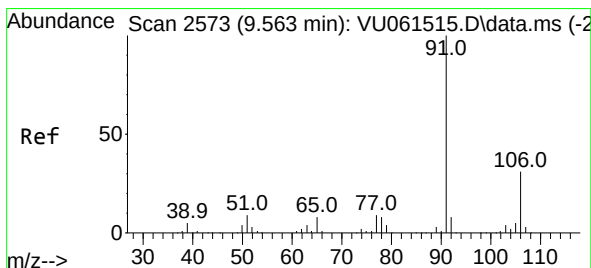
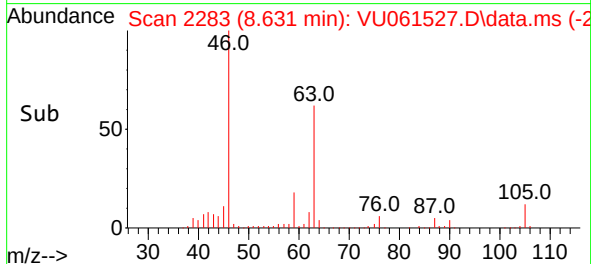
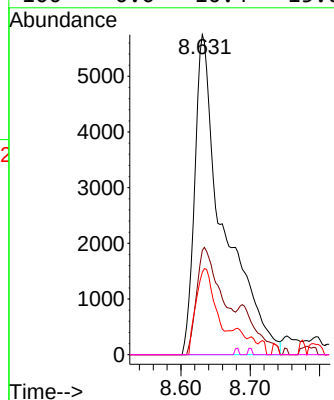
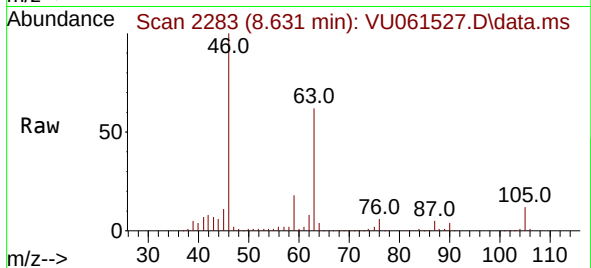




#48
2-Hexanone
Concen: 4.686 ug/L
RT: 8.631 min Scan# 21
Delta R.T. -0.045 min
Lab File: VU061527.D
Acq: 07 Nov 2024 17:55

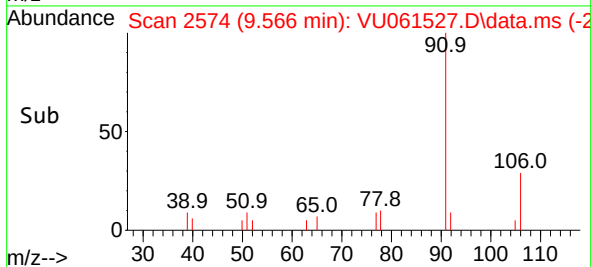
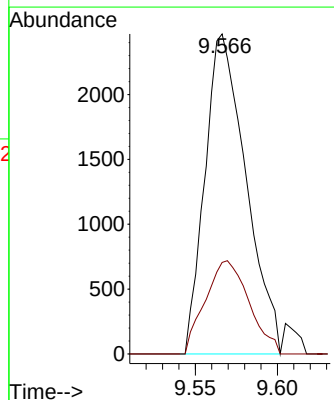
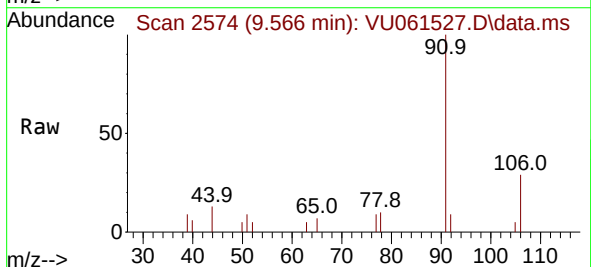
Instrument :
MSVOA_U
ClientSampleId :

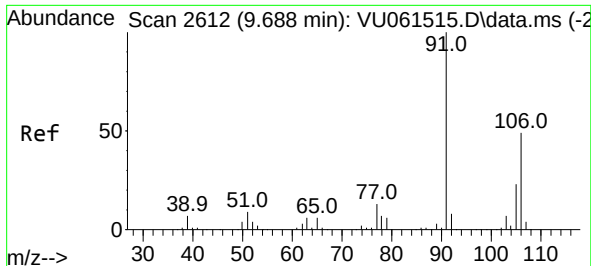
Tgt Ion:	43	Resp:	16576
Ion	Ratio	Lower	Upper
43	100		
58	29.2	48.6	72.8#
57	18.6	17.0	25.6
100	0.0	10.4	15.6#



#52
Ethylbenzene
Concen: 0.090 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU061527.D
Acq: 07 Nov 2024 17:55

Tgt Ion:	91	Resp:	4286
Ion	Ratio	Lower	Upper
91	100		
106	28.6	22.0	41.0

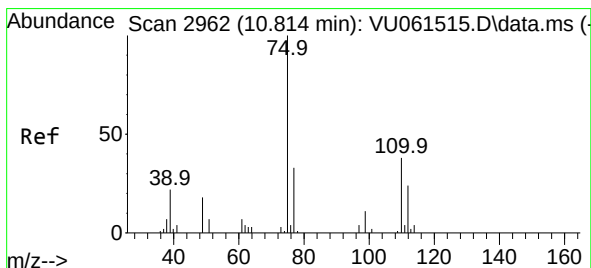
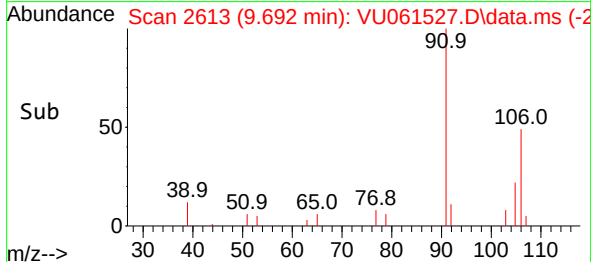
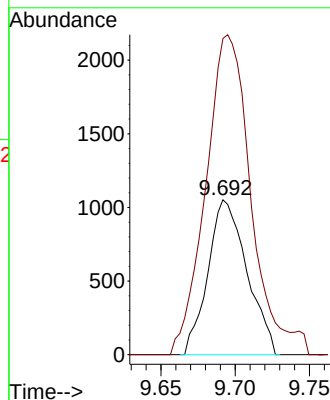
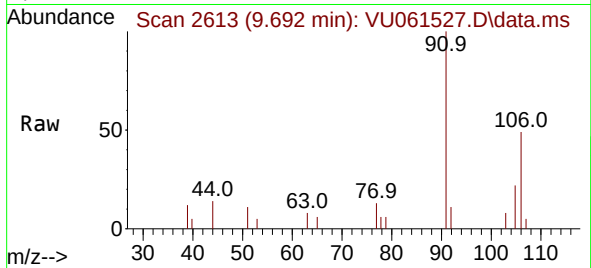




#53
m,p-Xylene
Concen: 0.106 ug/L
RT: 9.692 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU061527.D
Acq: 07 Nov 2024 17:55

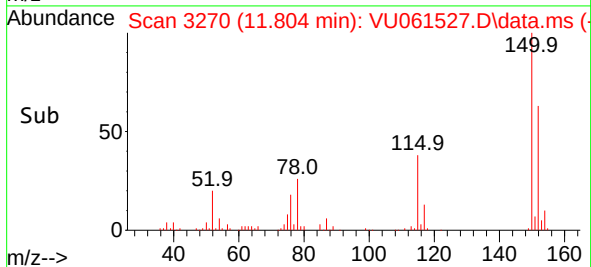
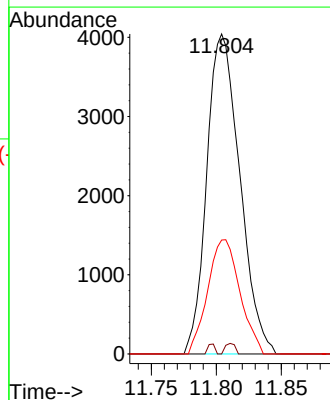
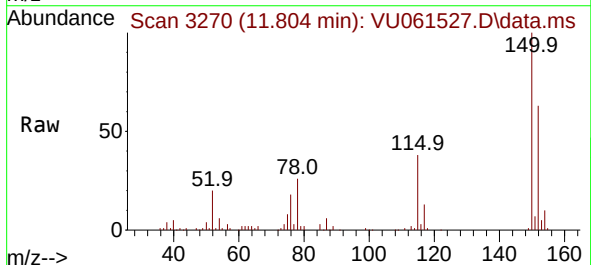
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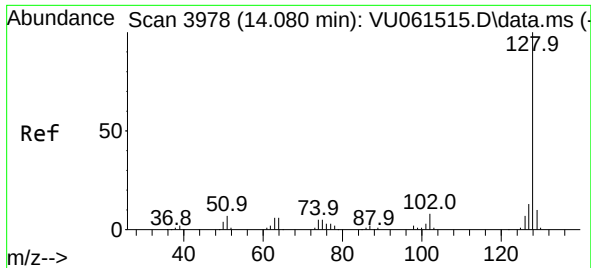
Tgt Ion:106 Resp: 1918
Ion Ratio Lower Upper
106 100
91 204.1 145.7 270.7



#61
1,2,3-Trichloropropane
Concen: 1.257 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU061527.D
Acq: 07 Nov 2024 17:55

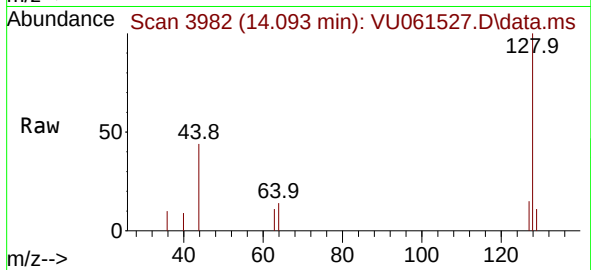
Tgt Ion: 75 Resp: 7144
Ion Ratio Lower Upper
75 100
110 1.0 28.8 43.2#
77 34.8 25.7 38.5





#71
Naphthalene
Concen: 0.150 ug/L
RT: 14.093 min Scan# 3982
Delta R.T. 0.013 min
Lab File: VU061527.D
Acq: 07 Nov 2024 17:55

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 2394
Ion Ratio Lower Upper
128 100
129 5.4 9.0 13.4#
127 12.3 10.0 15.0

