

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060069.D
 Acq On : 19 Jul 2024 18:42
 Operator : MD/SY
 Sample : P3244-01DL 800X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 20 01:42:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 20 01:37:26 2024
 Response via : Initial Calibration

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

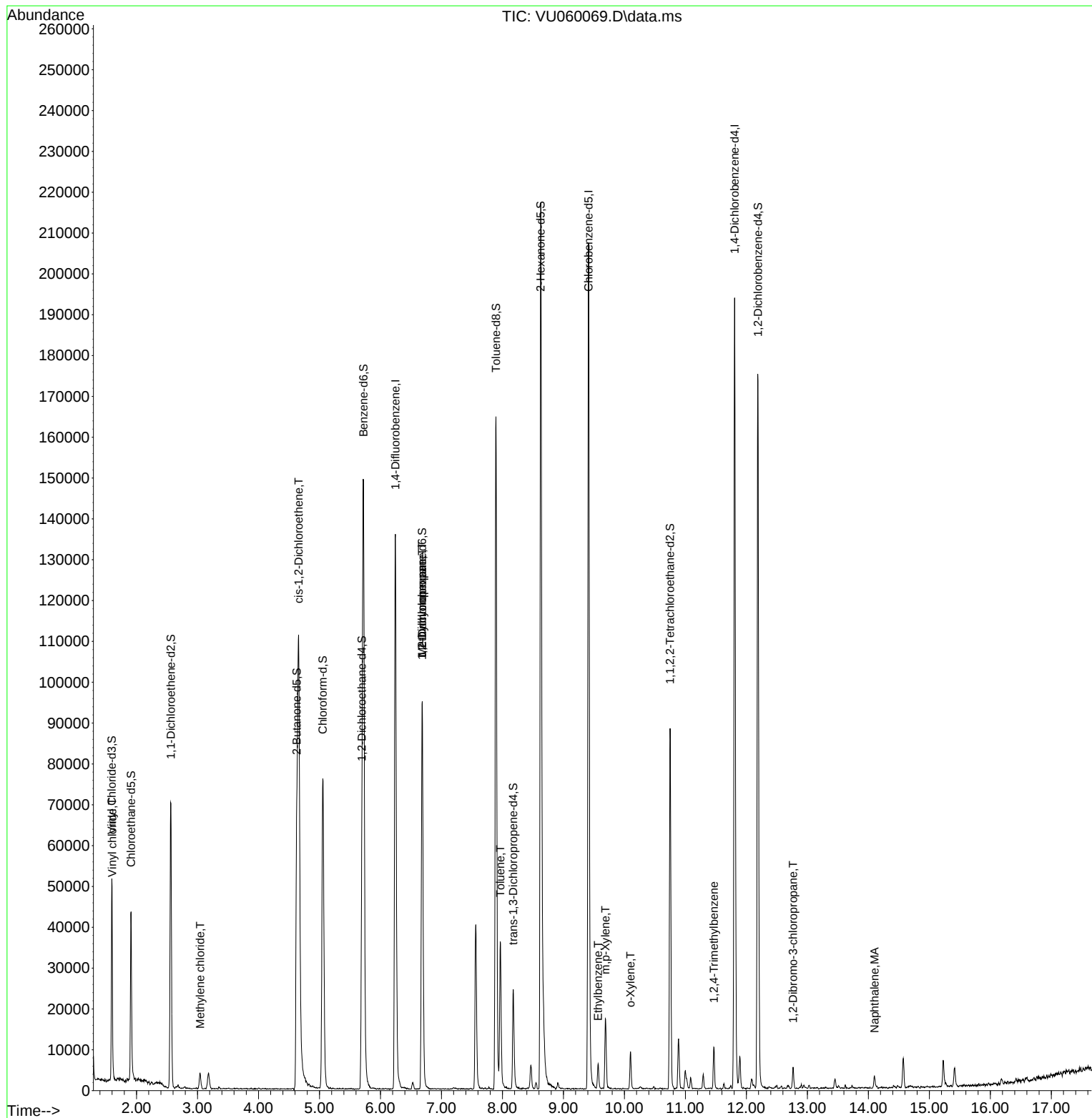
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	122976	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	127685	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	58821	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	31461	3.677	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	73.600%		
7) Chloroethane-d5	1.911	69	32274	4.060	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	81.200%		
11) 1,1-Dichloroethene-d2	2.563	65	13473	4.033	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	80.600%		
20) 2-Butanone-d5	4.628	46	101696	50.838	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	101.680%		
24) Chloroform-d	5.055	84	76700	4.265	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	85.400%		
26) 1,2-Dichloroethane-d4	5.695	65	38958	4.653	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	93.000%		
32) Benzene-d6	5.721	84	149862	4.381	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	87.600%		
36) 1,2-Dichloropropane-d6	6.682	67	49963	4.583	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	91.600%		
41) Toluene-d8	7.894	98	120989	3.914	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	78.200%		
43) trans-1,3-Dichloroprop...	8.177	79	15707	4.233	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	84.600%		
46) 2-Hexanone-d5	8.627	63	80433	48.846	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	97.700%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	46518	4.795	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	95.800%		
66) 1,2-Dichlorobenzene-d4	12.190	152	52337	4.929	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	98.600%		
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	5373	0.427	ug/L	89
16) Methylene chloride	3.042	84	2142	0.186	ug/L	94
22) cis-1,2-Dichloroethene	4.660	96	48362	4.422	ug/L	95
35) Methylcyclohexane	6.685	83	11209	0.764	ug/L #	21
37) 1,2-Dichloropropane	6.685	63	5081	0.446	ug/L #	88
42) Toluene	7.965	91	28016	0.624	ug/L	96
52) Ethylbenzene	9.566	91	5157	0.115	ug/L	99
53) m,p-Xylene	9.688	106	5430	0.314	ug/L	98
54) o-Xylene	10.100	106	2605	0.158	ug/L	92
63) 1,2,4-Trimethylbenzene	11.466	105	6384	0.225	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.765	75	124	0.103	ug/L #	1
71) Naphthalene	14.103	128	3763	0.223	ug/L #	92

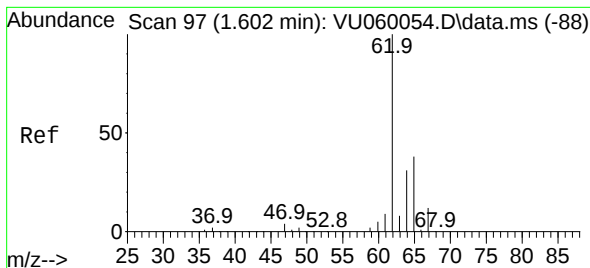
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.427 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU060069.D

Acq: 19 Jul 2024 18:42

Instrument :

MSVOA_U

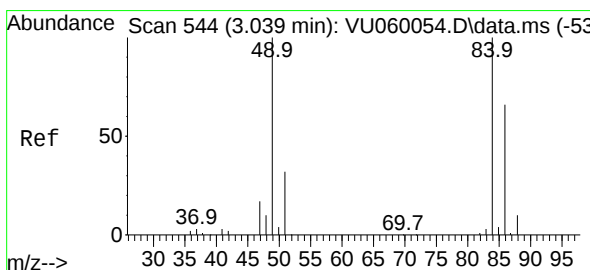
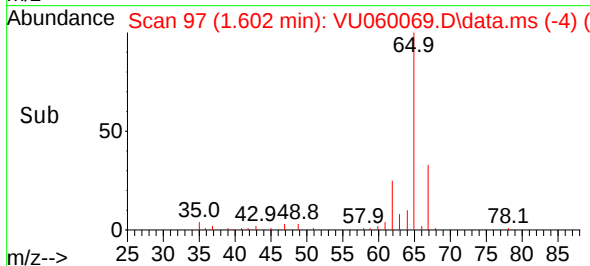
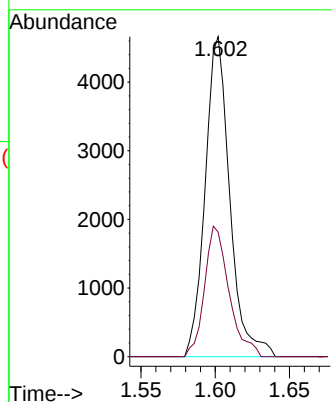
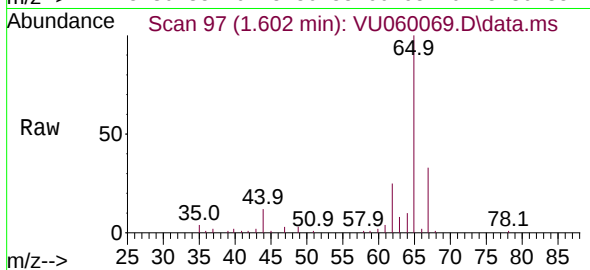
ClientSampleId :

Tgt Ion: 62 Resp: 5373

Ion Ratio Lower Upper

62 100

64 38.9 22.8 42.4



#16

Methylene chloride

Concen: 0.186 ug/L

RT: 3.042 min Scan# 545

Delta R.T. 0.003 min

Lab File: VU060069.D

Acq: 19 Jul 2024 18:42

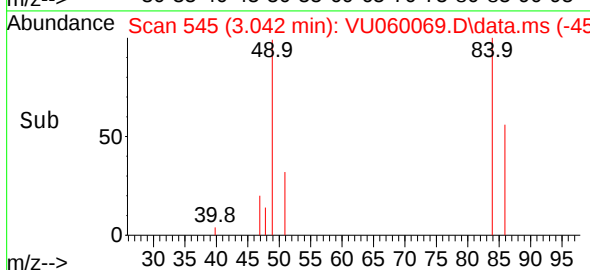
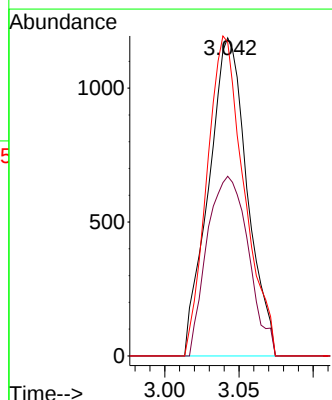
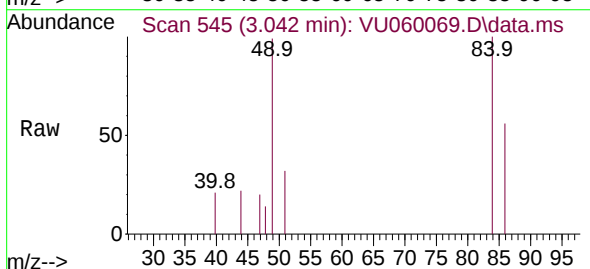
Tgt Ion: 84 Resp: 2142

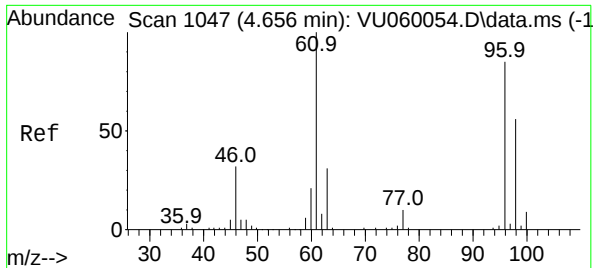
Ion Ratio Lower Upper

84 100

86 56.5 44.4 82.5

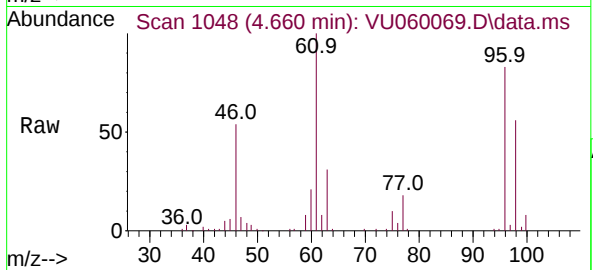
49 98.7 72.0 133.6



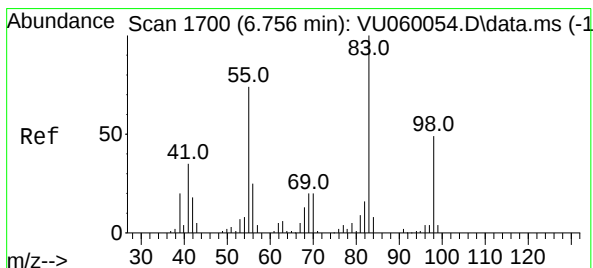
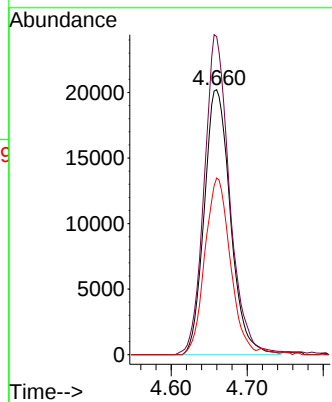
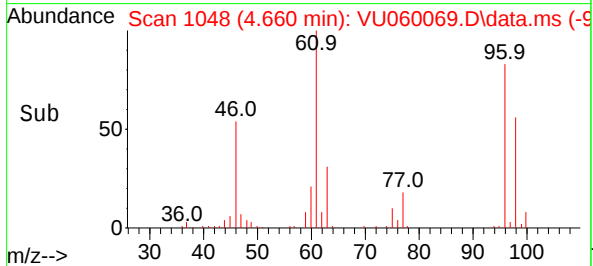


#22
 cis-1,2-Dichloroethene
 Concen: 4.422 ug/L
 RT: 4.660 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VU060069.D
 Acq: 19 Jul 2024 18:42

Instrument :
 MSVOA_U
 ClientSampleId :

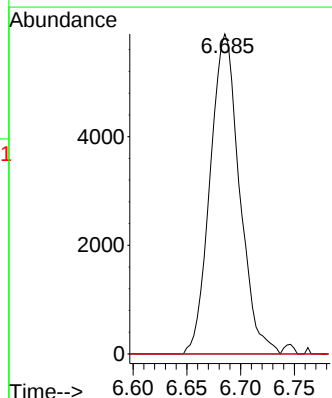
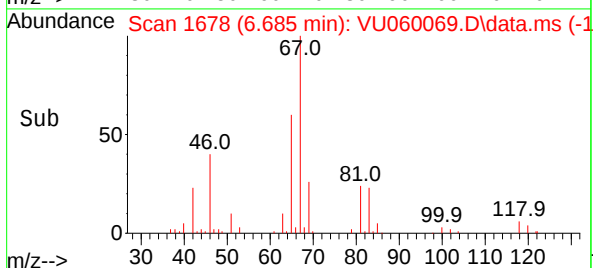
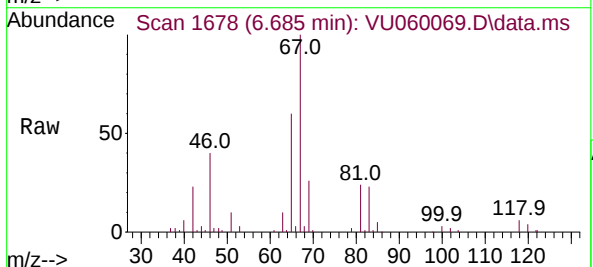


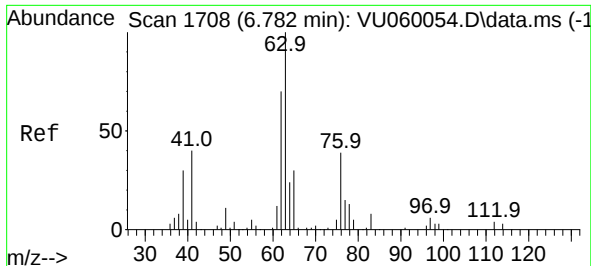
Tgt Ion: 96 Resp: 48362
 Ion Ratio Lower Upper
 96 100
 61 120.0 80.2 148.9
 98 66.7 44.7 83.1



#35
 Methylcyclohexane
 Concen: 0.764 ug/L
 RT: 6.685 min Scan# 1678
 Delta R.T. -0.071 min
 Lab File: VU060069.D
 Acq: 19 Jul 2024 18:42

Tgt Ion: 83 Resp: 11209
 Ion Ratio Lower Upper
 83 100
 55 0.0 56.7 85.1#
 98 1.4 36.6 55.0#

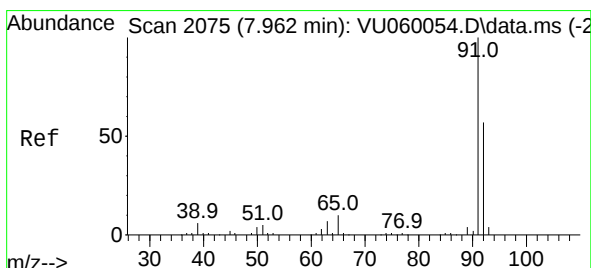
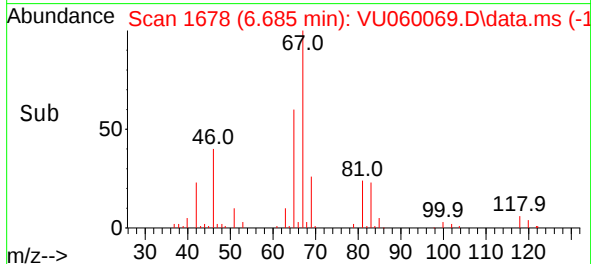
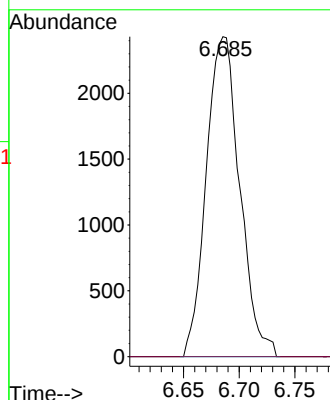
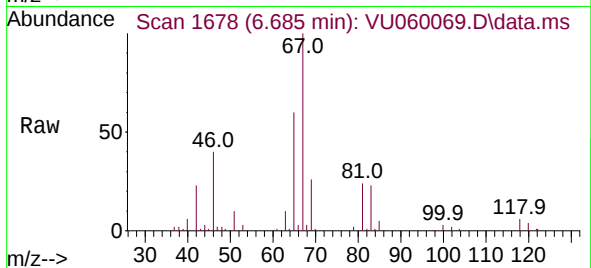




#37
1,2-Dichloropropane
Concen: 0.446 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU060069.D
Acq: 19 Jul 2024 18:42

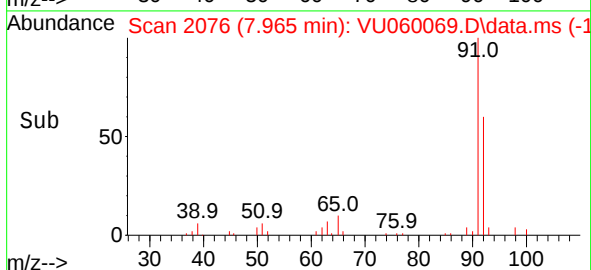
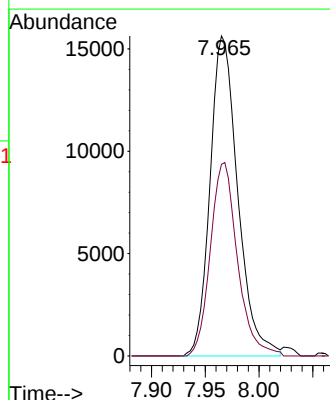
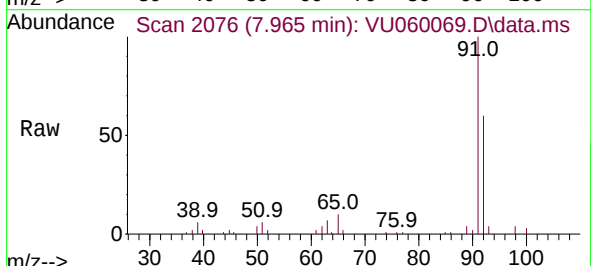
Instrument :
MSVOA_U
ClientSampleId :

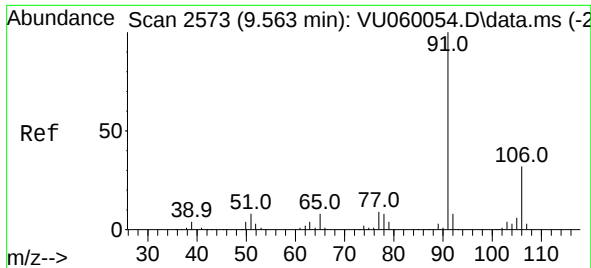
Tgt Ion: 63 Resp: 5081
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#42
Toluene
Concen: 0.624 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU060069.D
Acq: 19 Jul 2024 18:42

Tgt Ion: 91 Resp: 28016
Ion Ratio Lower Upper
91 100
92 59.9 39.8 73.8

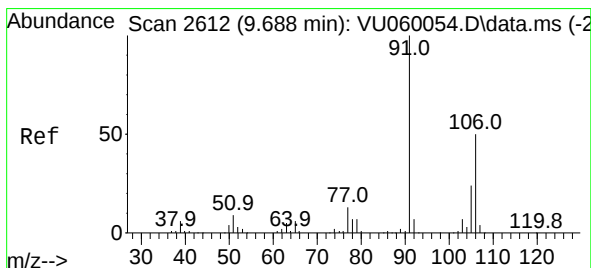
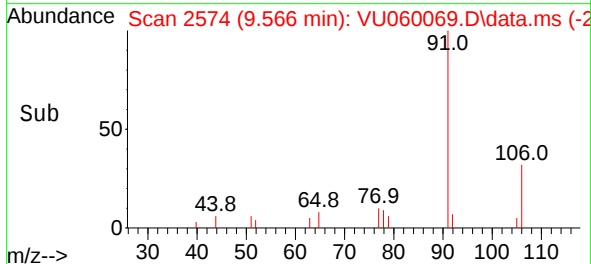
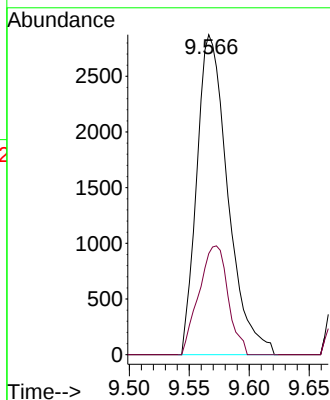
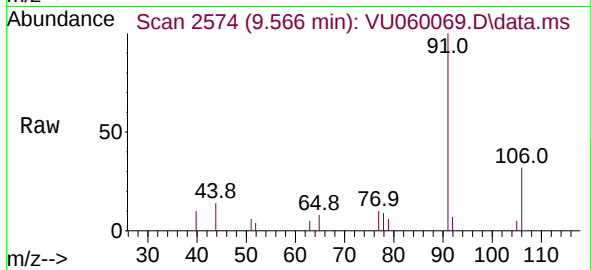




#52
Ethylbenzene
Concen: 0.115 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU060069.D
Acq: 19 Jul 2024 18:42

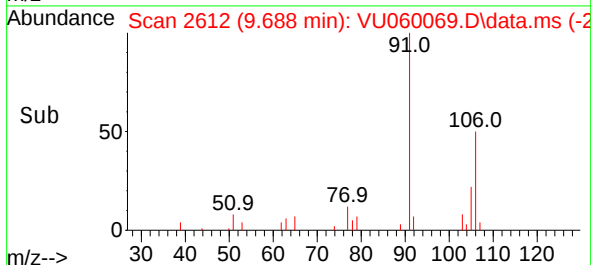
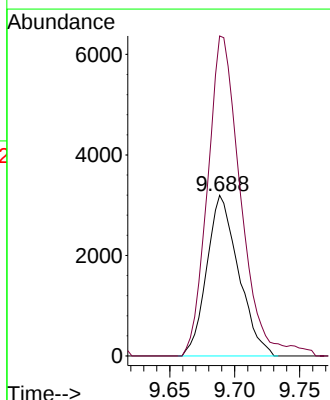
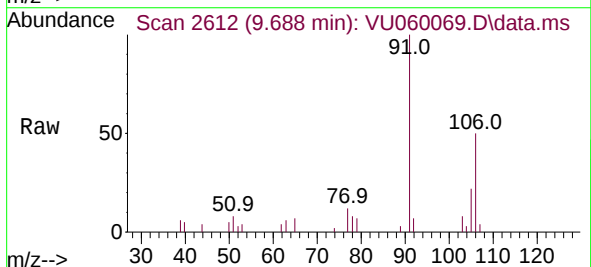
Instrument :
MSVOA_U
ClientSampleId :

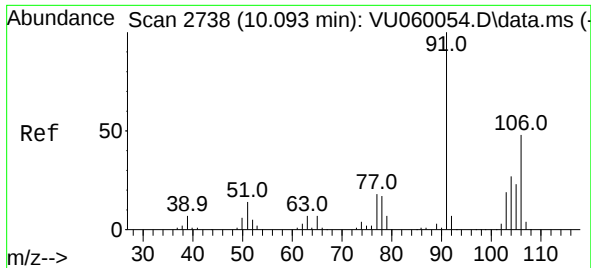
Tgt Ion: 91 Resp: 5157
Ion Ratio Lower Upper
91 100
106 31.6 21.9 40.7



#53
m,p-Xylene
Concen: 0.314 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU060069.D
Acq: 19 Jul 2024 18:42

Tgt Ion: 106 Resp: 5430
Ion Ratio Lower Upper
106 100
91 199.3 141.3 262.5

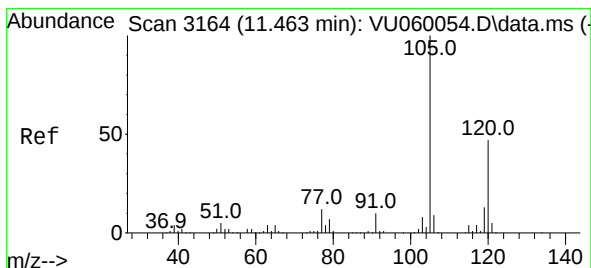
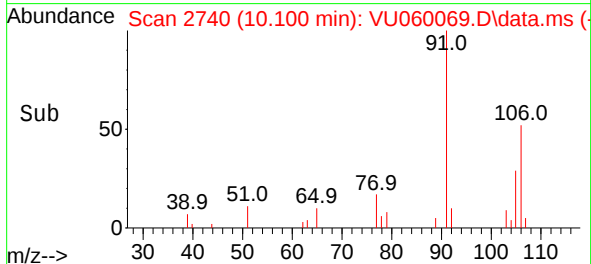
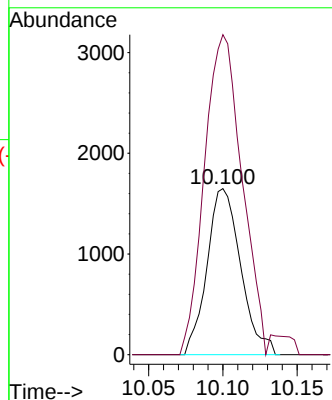
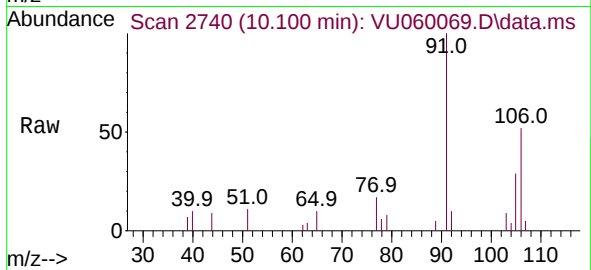




#54
o-Xylene
Concen: 0.158 ug/L
RT: 10.100 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU060069.D
Acq: 19 Jul 2024 18:42

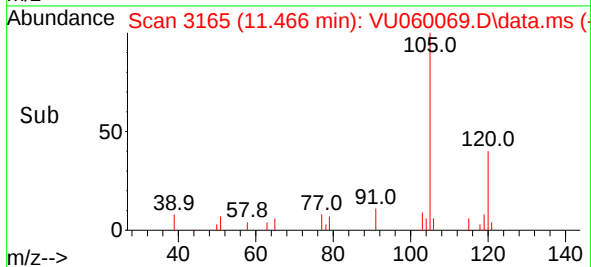
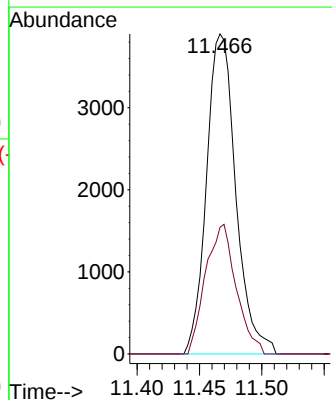
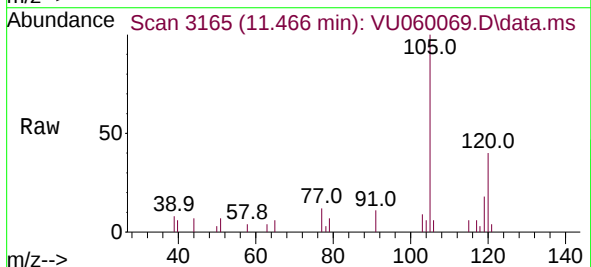
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MSVOA_U
ClientSampleId :

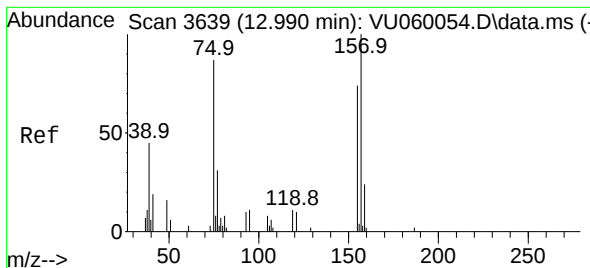
Tgt Ion:106 Resp: 2605
Ion Ratio Lower Upper
106 100
91 192.7 143.6 266.6



#63
1,2,4-Trimethylbenzene
Concen: 0.225 ug/L
RT: 11.466 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU060069.D
Acq: 19 Jul 2024 18:42

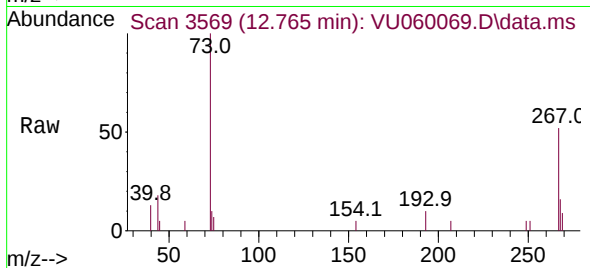
Tgt Ion:105 Resp: 6384
Ion Ratio Lower Upper
105 100
120 42.2 36.7 55.1



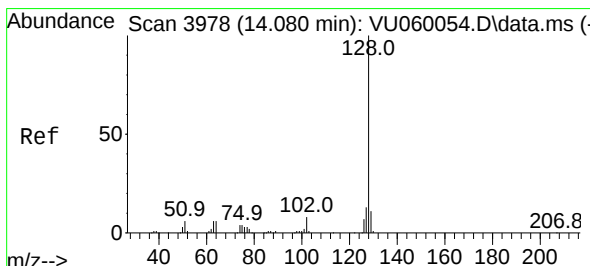
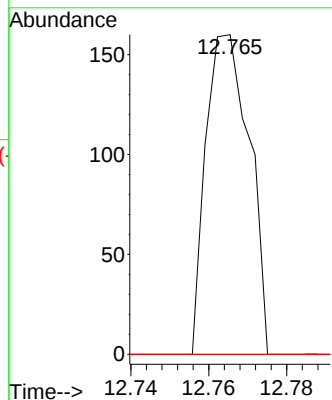
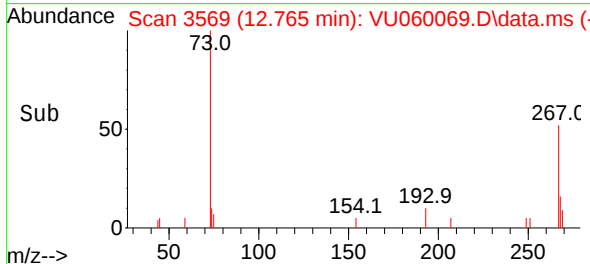


#68
1,2-Dibromo-3-chloropropane
Concen: 0.103 ug/L
RT: 12.765 min Scan# 3569
Delta R.T. -0.225 min
Lab File: VU060069.D
Acq: 19 Jul 2024 18:42

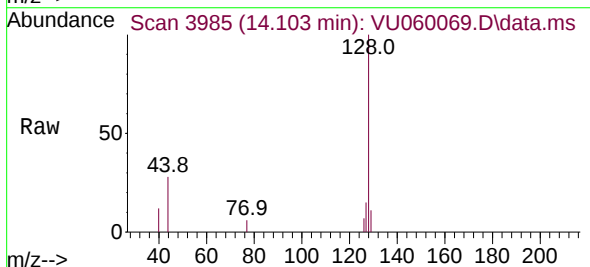
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 124
Ion Ratio Lower Upper
75 100
155 0.0 70.6 105.8#
157 0.0 99.4 149.2#



#71
Naphthalene
Concen: 0.223 ug/L
RT: 14.103 min Scan# 3985
Delta R.T. 0.023 min
Lab File: VU060069.D
Acq: 19 Jul 2024 18:42



Tgt Ion: 128 Resp: 3763
Ion Ratio Lower Upper
128 100
129 8.4 8.2 12.4
127 9.1 10.6 16.0#

