

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
 Data File : VU059709.D
 Acq On : 02 Jul 2024 01:16
 Operator : MD/SY
 Sample : P3121-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COBJ6

Quant Time: Jul 02 03:56:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 29 01:51:23 2024
 Response via : Initial Calibration

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

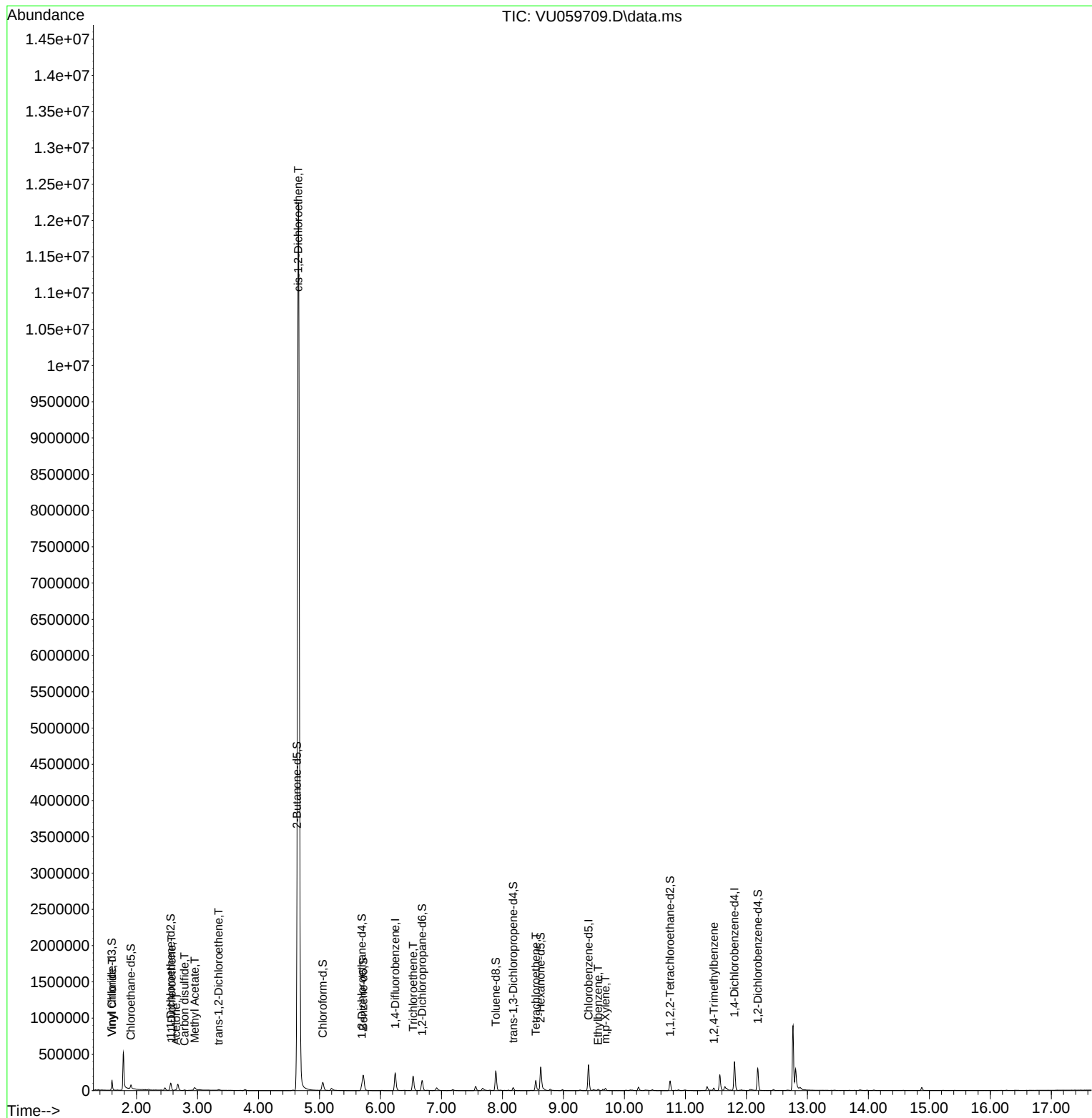
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	211411	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	208062	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	113262	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	33868	2.304	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	46.000%
7) Chloroethane-d5	1.907	69	39376	2.784	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	55.600%#
11) 1,1-Dichloroethene-d2	2.560	65	17095	2.803	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.000%#
20) 2-Butanone-d5	4.631	46	147441	48.691	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.380%
24) Chloroform-d	5.055	84	108293	3.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.800%
26) 1,2-Dichloroethane-d4	5.695	65	55571	3.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
32) Benzene-d6	5.717	84	210148	3.670	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.400%
36) 1,2-Dichloropropane-d6	6.682	67	68710	3.916	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.400%
41) Toluene-d8	7.891	98	188950	3.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.000%
43) trans-1,3-Dichloroprop...	8.177	79	21528	3.918	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.627	63	128347	56.220	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.440%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	65644	4.528	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	86296	4.281	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	66877	3.140	ug/L	99
12) 1,1-Dichloroethene	2.576	96	3998	0.267	ug/L #	1
13) Acetone	2.650	43	22465	11.437	ug/L	79
14) Carbon disulfide	2.788	76	12974	0.259	ug/L	100
15) Methyl Acetate	2.952	43	55438	10.695	ug/L	94
18) trans-1,2-Dichloroethene	3.348	96	4759	0.305	ug/L	84
22) cis-1,2-Dichloroethene	4.653	96	6716190	390.753	ug/L	95
34) Trichloroethene	6.534	95	69622	4.069	ug/L	97
47) Tetrachloroethene	8.547	164	30657	2.309	ug/L	95
52) Ethylbenzene	9.566	91	6313	0.092	ug/L	93
53) m,p-Xylene	9.688	106	9032	0.343	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	8003	0.151	ug/L	99

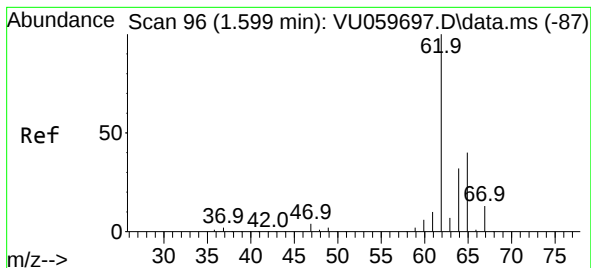
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 3.140 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU059709.D

Acq: 02 Jul 2024 01:16

Instrument :

MSVOA_U

ClientSampleId :

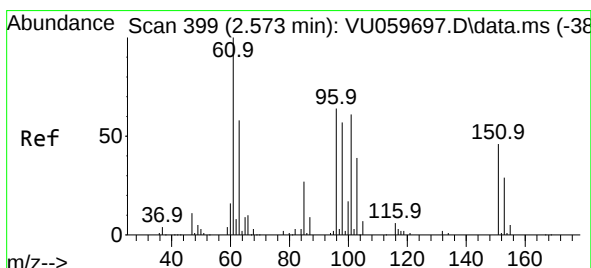
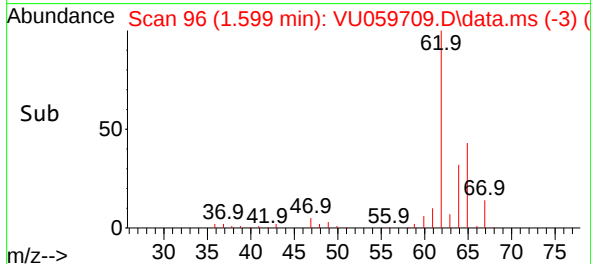
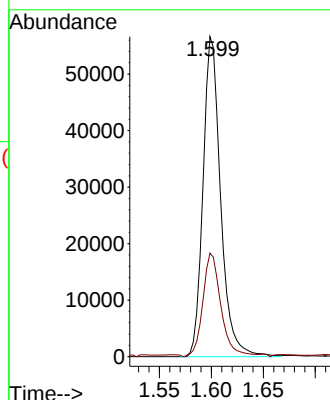
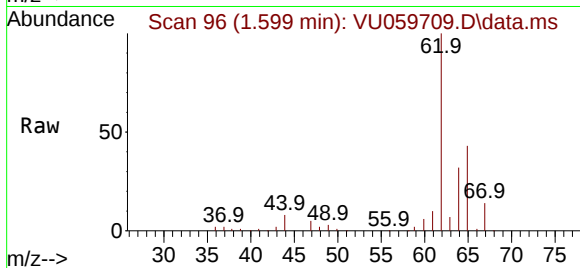
C0BJ6

Tgt Ion: 62 Resp: 66877

Ion Ratio Lower Upper

62 100

64 32.4 23.1 42.9



#12

1,1-Dichloroethene

Concen: 0.267 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU059709.D

Acq: 02 Jul 2024 01:16

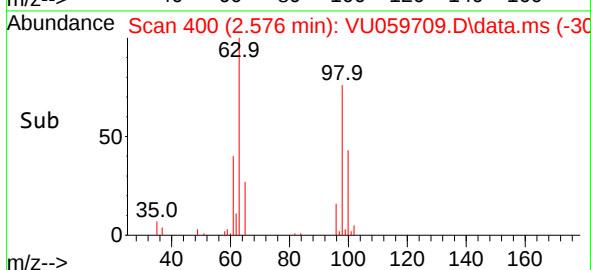
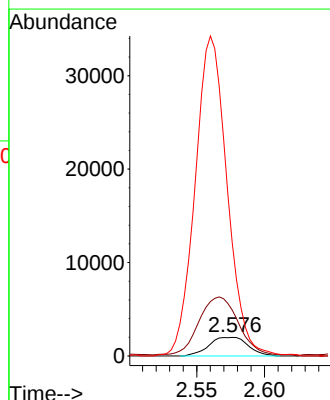
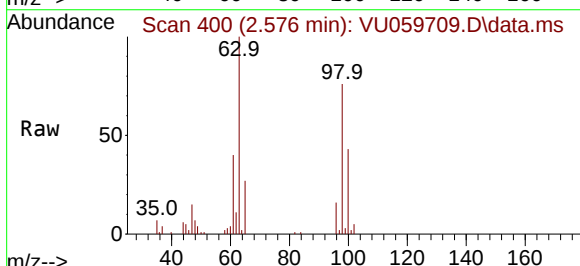
Tgt Ion: 96 Resp: 3998

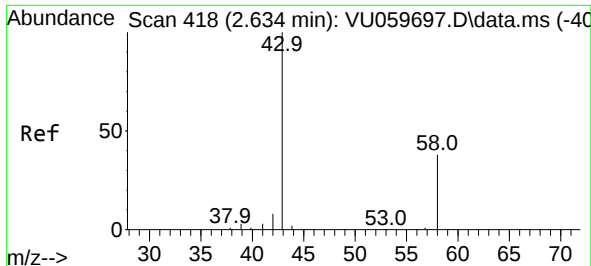
Ion Ratio Lower Upper

96 100

61 246.2 122.9 228.3#

63 608.8 80.4 149.4#





#13

Acetone

Concen: 11.437 ug/L

RT: 2.650 min Scan# 418

Delta R.T. 0.016 min

Lab File: VU059709.D

Acq: 02 Jul 2024 01:16

Instrument :

MSVOA_U

ClientSampleId :

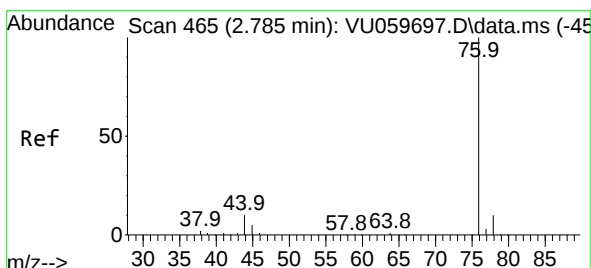
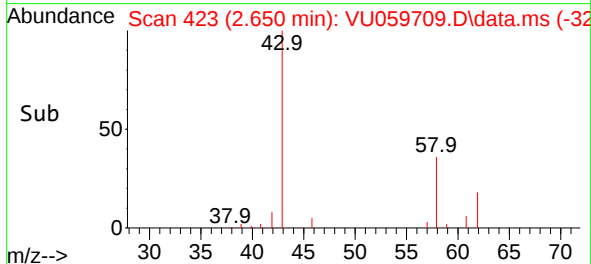
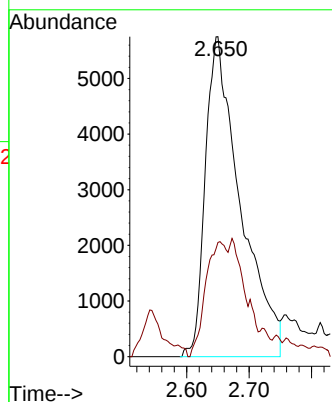
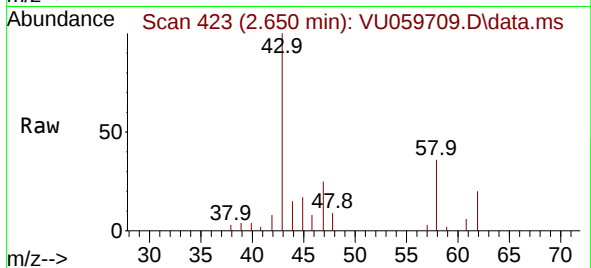
C0BJ6

Tgt Ion: 43 Resp: 22465

Ion Ratio Lower Upper

43 100

58 22.1 0.0 68.0



#14

Carbon disulfide

Concen: 0.259 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU059709.D

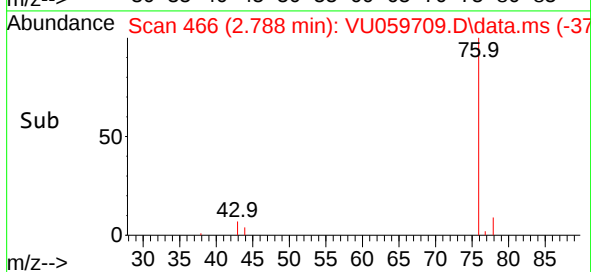
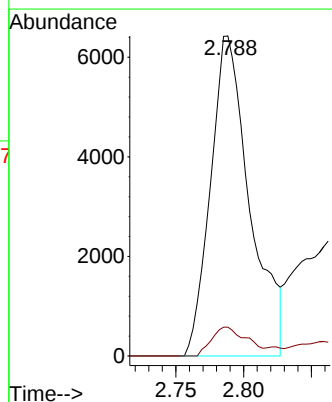
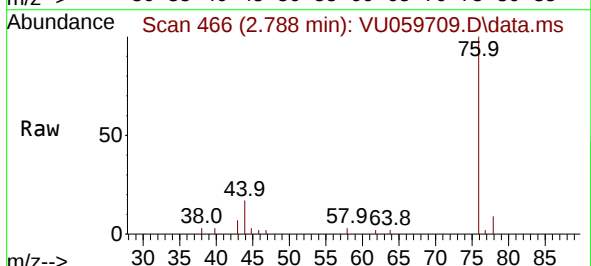
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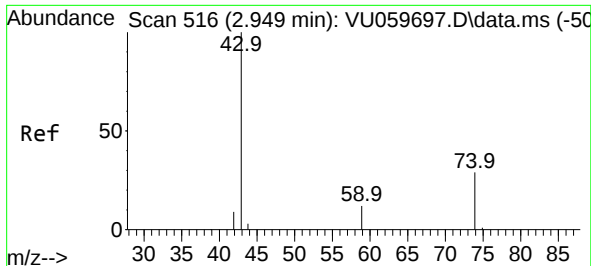
Tgt Ion: 76 Resp: 12974

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

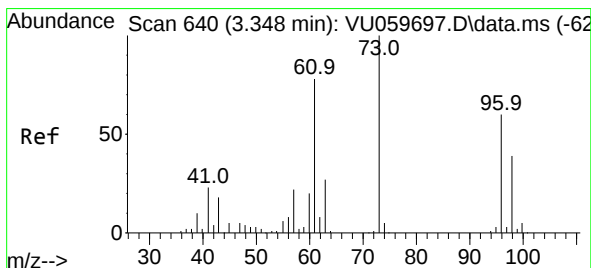
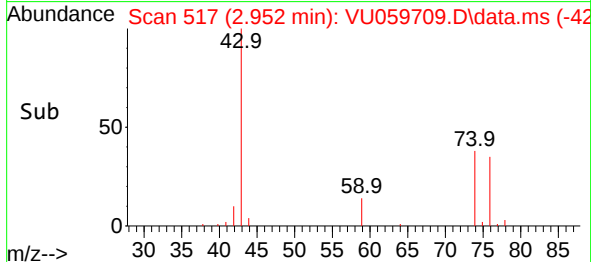
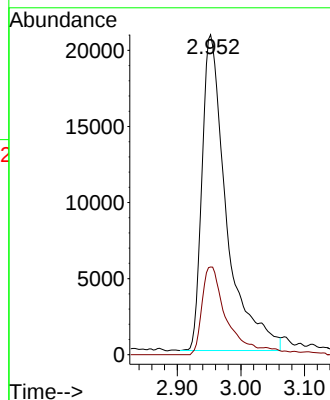
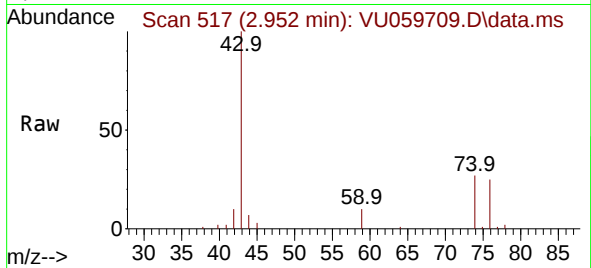




#15
Methyl Acetate
Concen: 10.695 ug/L
RT: 2.952 min Scan# 516
Delta R.T. 0.003 min
Lab File: VU059709.D
Acq: 02 Jul 2024 01:16

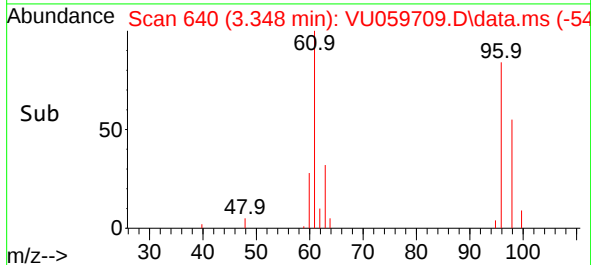
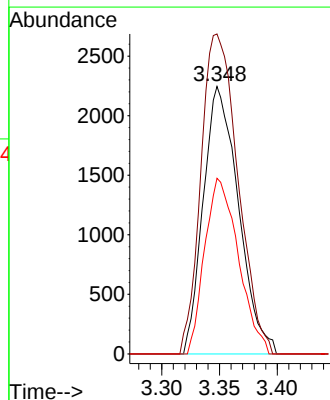
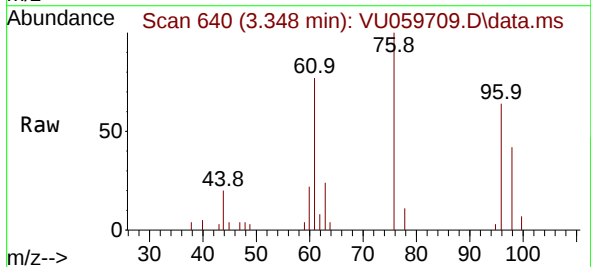
Instrument :
MSVOA_U
ClientSampleId :
COBJ6

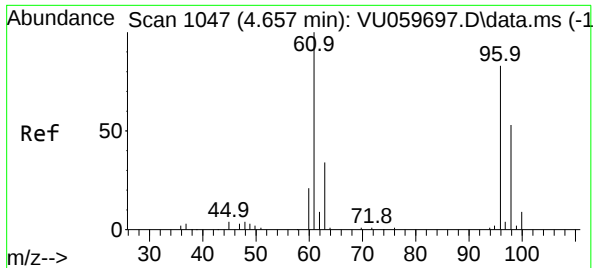
Tgt Ion: 43 Resp: 55438
Ion Ratio Lower Upper
43 100
74 27.0 19.2 28.8



#18
trans-1,2-Dichloroethene
Concen: 0.305 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU059709.D
Acq: 02 Jul 2024 01:16

Tgt Ion: 96 Resp: 4759
Ion Ratio Lower Upper
96 100
61 119.6 101.8 189.0
98 65.6 43.3 80.5

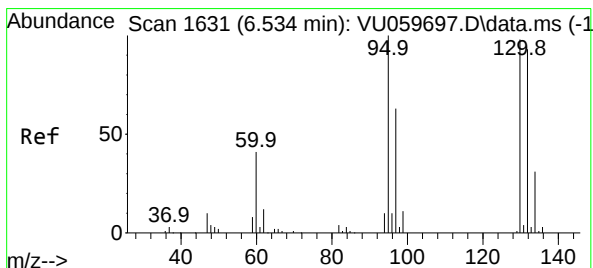
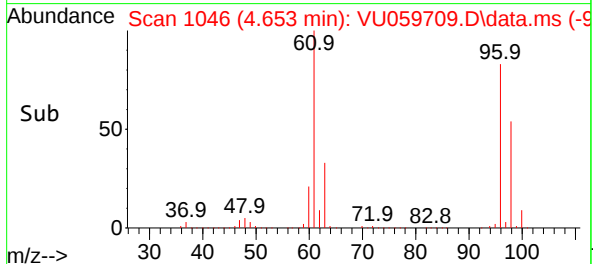
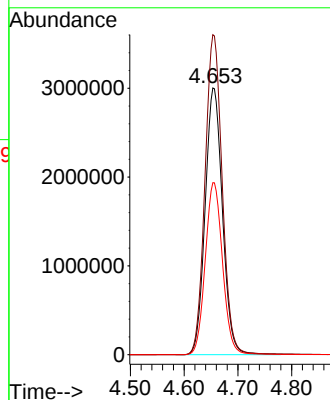
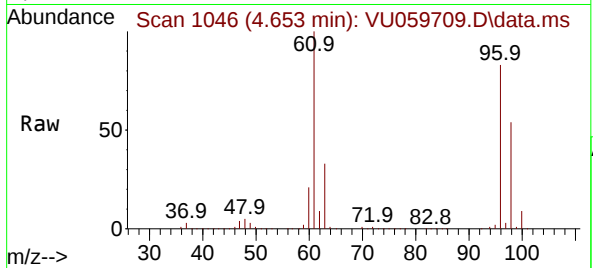




#22
cis-1,2-Dichloroethene
Concen: 390.753 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.006 min
Lab File: VU059709.D
Acq: 02 Jul 2024 01:16

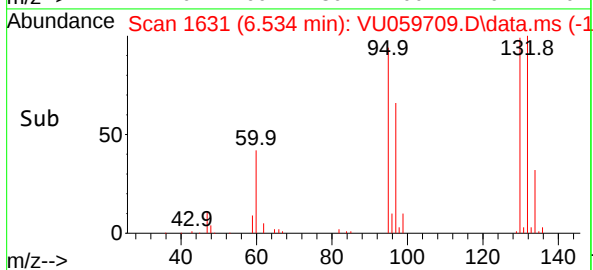
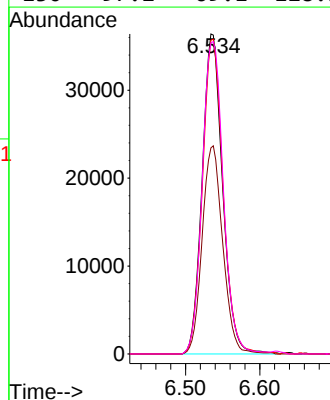
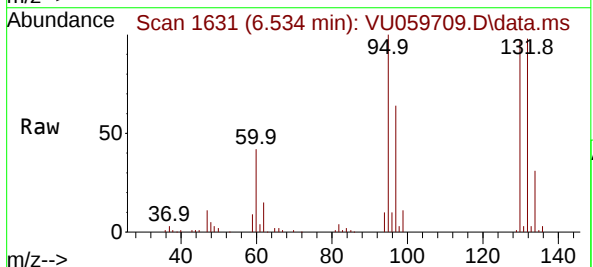
Instrument :
MSVOA_U
ClientSampleId :
C0BJ6

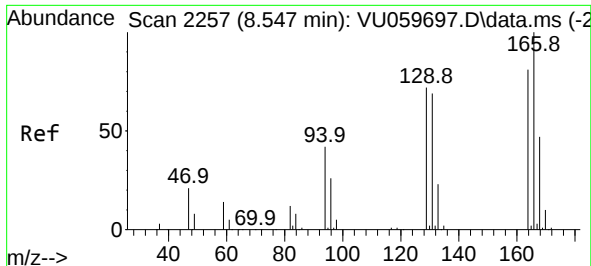
Tgt Ion: 96 Resp: 6716190
Ion Ratio Lower Upper
96 100
61 120.0 87.4 162.2
98 64.5 42.3 78.5



#34
Trichloroethene
Concen: 4.069 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU059709.D
Acq: 02 Jul 2024 01:16

Tgt Ion: 95 Resp: 69622
Ion Ratio Lower Upper
95 100
97 64.4 45.3 84.1
132 98.0 64.0 119.0
130 97.2 69.1 128.3





#47

Tetrachloroethene

Concen: 2.309 ug/L

RT: 8.547 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU059709.D

Acq: 02 Jul 2024 01:16

Instrument :

MSVOA_U

ClientSampleId :

C0BJ6

Tgt Ion:164 Resp: 30657

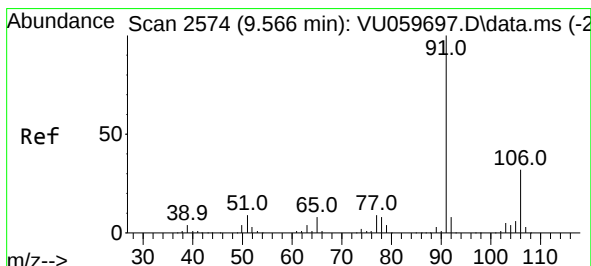
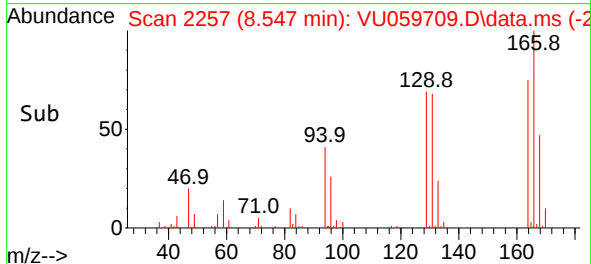
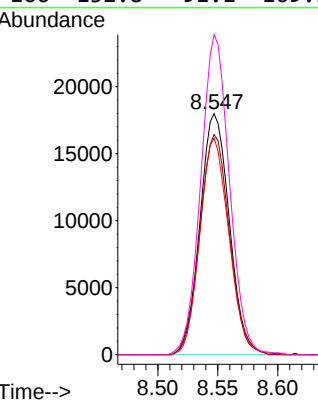
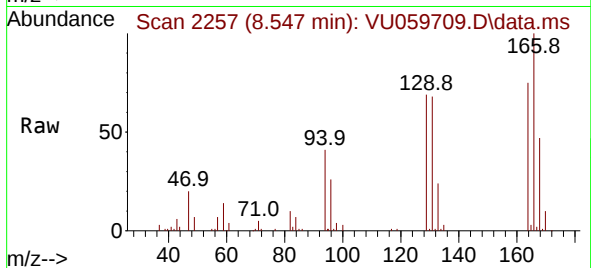
Ion Ratio Lower Upper

164 100

129 91.3 70.8 131.4

131 89.8 64.8 120.3

166 132.8 91.1 169.1



#52

Ethylbenzene

Concen: 0.092 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. 0.003 min

Lab File: VU059709.D

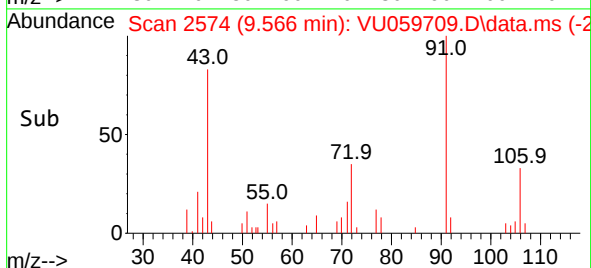
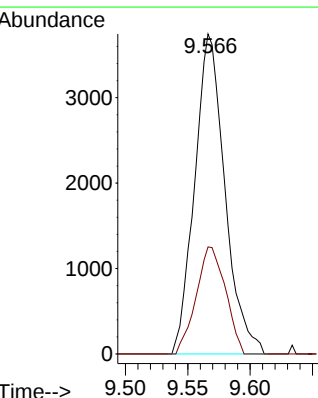
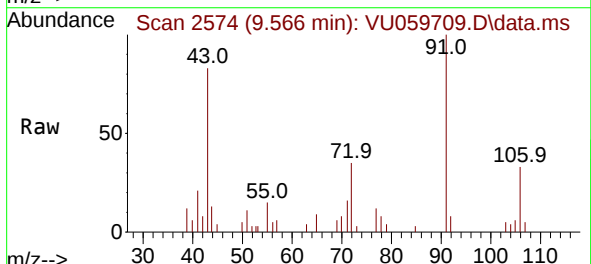
Acq: 02 Jul 2024 01:16

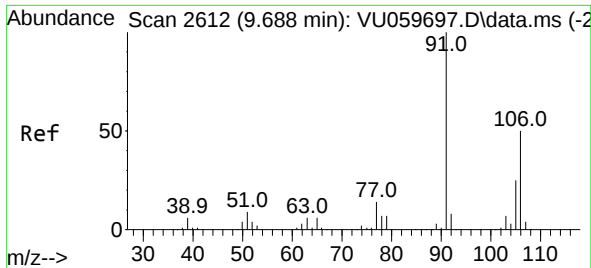
Tgt Ion: 91 Resp: 6313

Ion Ratio Lower Upper

91 100

106 33.5 20.9 38.7

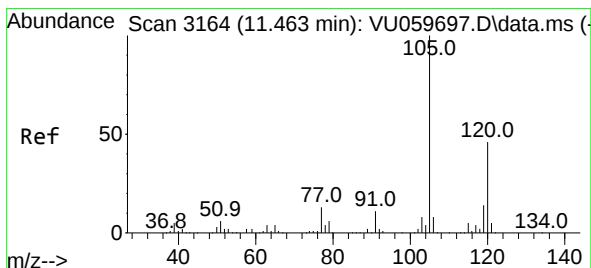
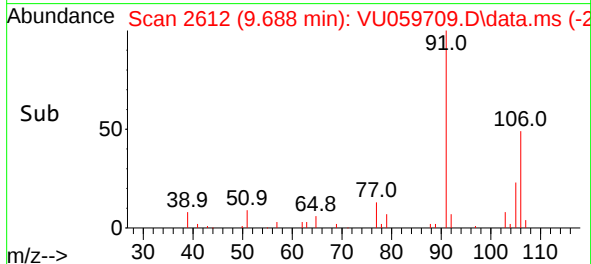
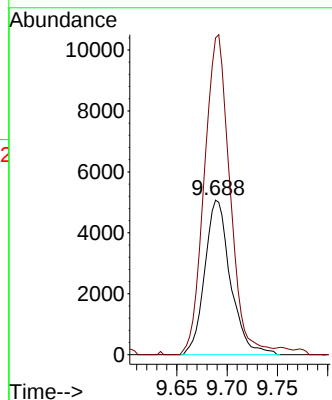
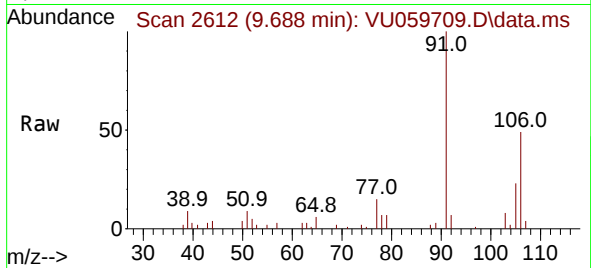




#53
m,p-Xylene
Concen: 0.343 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059709.D
Acq: 02 Jul 2024 01:16

Instrument :
MSVOA_U
ClientSampleId :
C0BJ6

Tgt Ion:106 Resp: 9032
Ion Ratio Lower Upper
106 100
91 205.0 142.0 263.8



#63
1,2,4-Trimethylbenzene
Concen: 0.151 ug/L
RT: 11.466 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU059709.D
Acq: 02 Jul 2024 01:16

Tgt Ion:105 Resp: 8003
Ion Ratio Lower Upper
105 100
120 45.1 35.4 53.0

