

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060912.D
 Acq On : 19 Sep 2024 20:45
 Operator : MD/SY
 Sample : P3987-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 20 00:01:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 23:54:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	150921	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	151674	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	68429	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	44356	3.268	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.400%
7) Chloroethane-d5	1.911	69	37216	3.851	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.560	65	19052	3.960	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	4.650	46	88559	40.639	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.280%
24) Chloroform-d	5.055	84	85904	4.140	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	5.695	65	41026	4.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
32) Benzene-d6	5.721	84	171222	4.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.682	67	52372	4.164	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.891	98	157841	4.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	8.174	79	16542	3.654	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.627	63	75636	42.350	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.700%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	39859	4.045	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	54806	4.766	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%

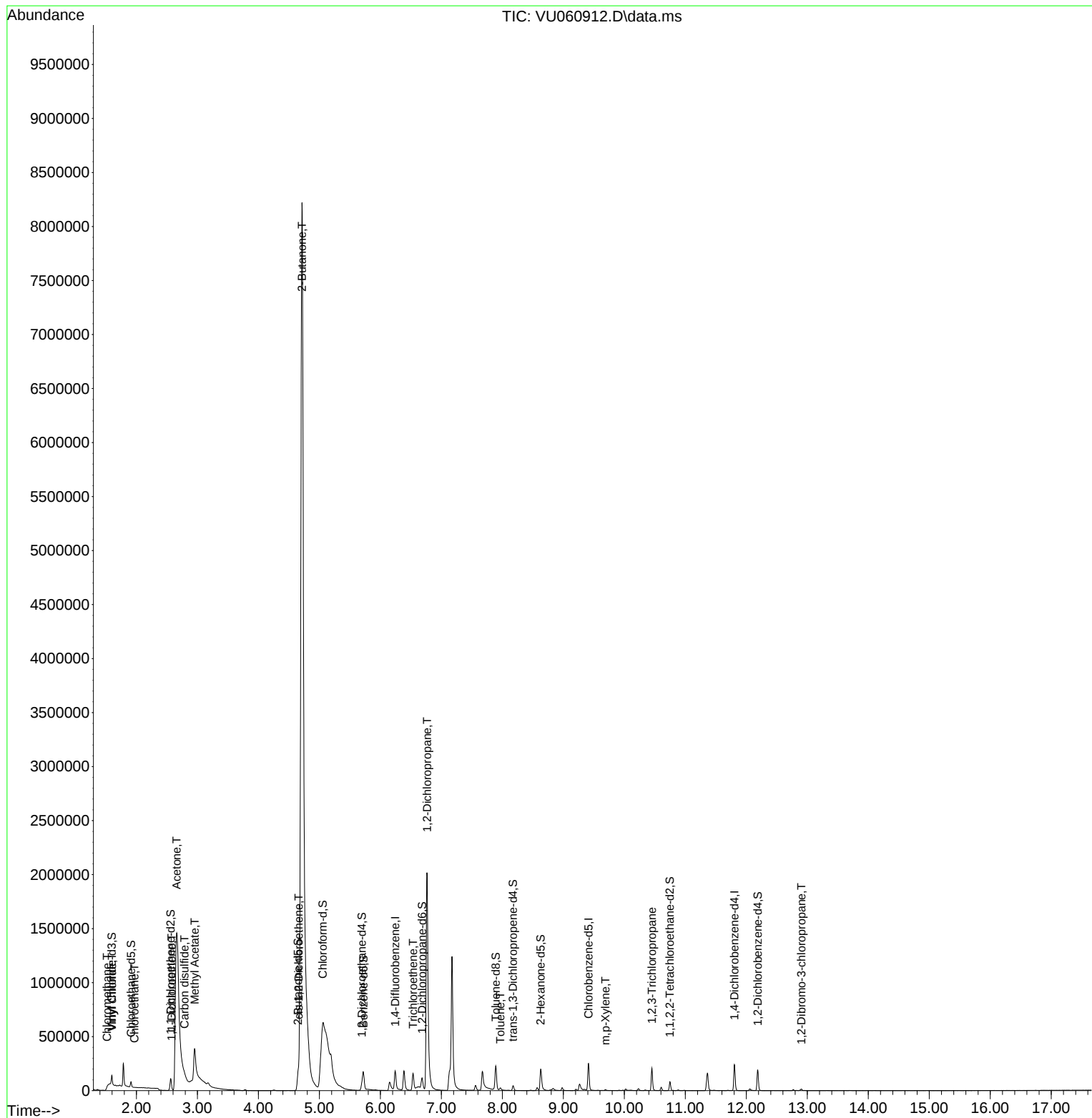
Target Compounds						Qvalue
3) Chloromethane	1.518	50	1924	0.160	ug/L #	64
5) Vinyl chloride	1.599	62	14148	1.086	ug/L #	1
8) Chloroethane	1.965	64	1756	0.221	ug/L #	53
12) 1,1-Dichloroethene	2.576	96	4358	0.459	ug/L #	1
13) Acetone	2.657	43	4376420	3010.247	ug/L	95
14) Carbon disulfide	2.789	76	8512	0.323	ug/L	97
15) Methyl Acetate	2.952	43	465925	131.448	ug/L #	84
21) 2-Butanone	4.714	43	17608771	7440.435	ug/L	93
22) cis-1,2-Dichloroethene	4.660	96	87435	8.031	ug/L	96
34) Trichloroethene	6.534	95	55333	5.061	ug/L	97
37) 1,2-Dichloropropane	6.766	63	3009	0.262	ug/L #	93
42) Toluene	7.965	91	14569	0.334	ug/L	98
53) m,p-Xylene	9.689	106	2257	0.130	ug/L	100
61) 1,2,3-Trichloropropane	10.451	75	5054	0.792	ug/L #	40
68) 1,2-Dibromo-3-chloropr...	12.901	75	346	0.278	ug/L #	1

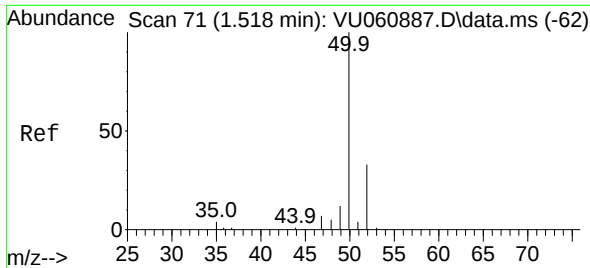
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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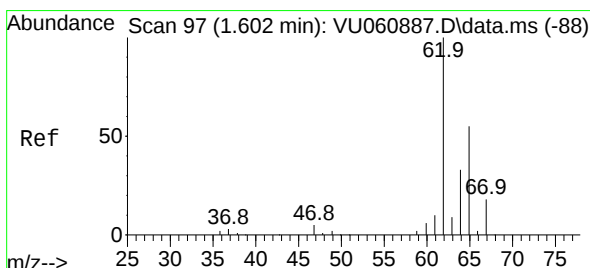
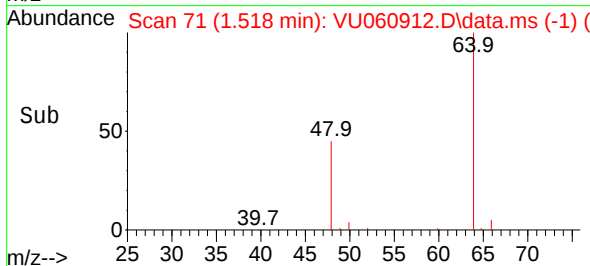
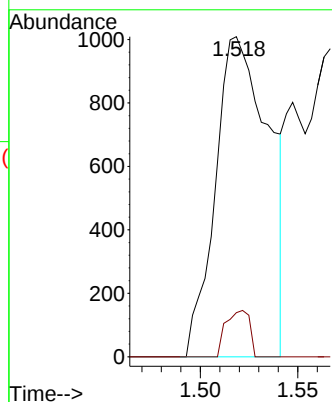
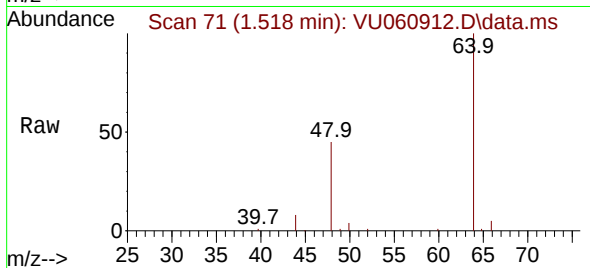




#3
Chloromethane
Concen: 0.160 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU060912.D
Acq: 19 Sep 2024 20:45

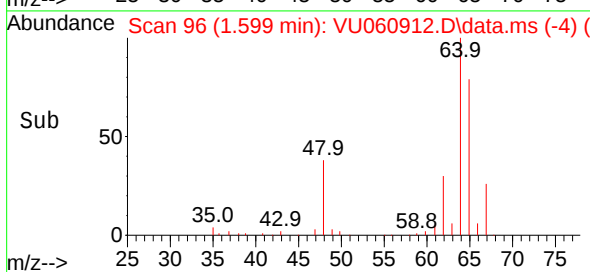
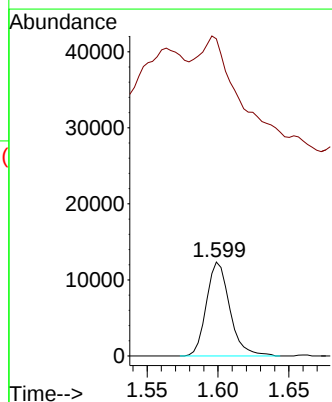
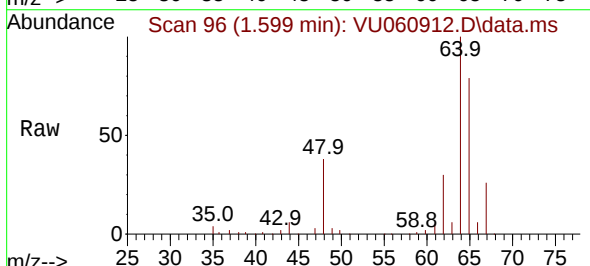
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MSVOA_U
ClientSampleId :

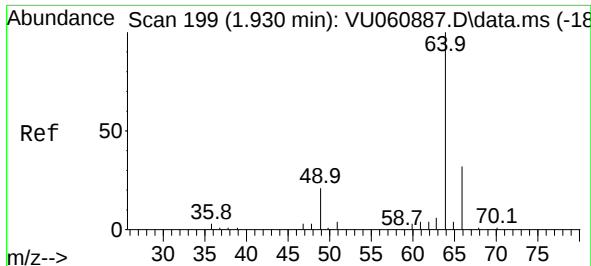
Tgt Ion: 50 Resp: 1924
Ion Ratio Lower Upper
50 100
52 13.8 24.4 45.4#



#5
Vinyl chloride
Concen: 1.086 ug/L
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU060912.D
Acq: 19 Sep 2024 20:45

Tgt Ion: 62 Resp: 14148
Ion Ratio Lower Upper
62 100
64 337.7 24.0 44.6#

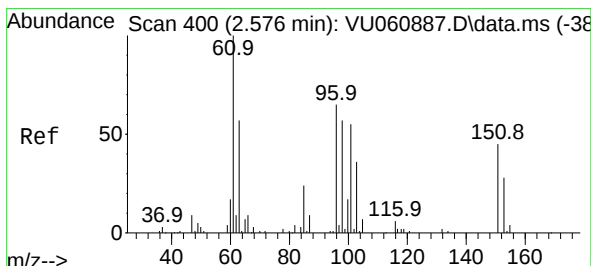
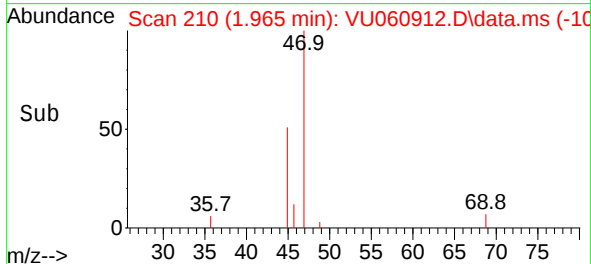
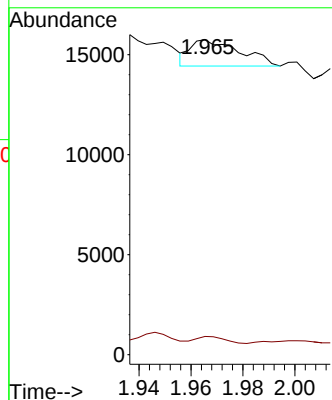
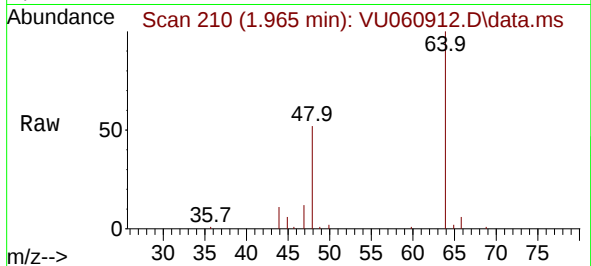




#8
Chloroethane
Concen: 0.221 ug/L
RT: 1.965 min Scan# 21
Delta R.T. 0.036 min
Lab File: VU060912.D
Acq: 19 Sep 2024 20:45

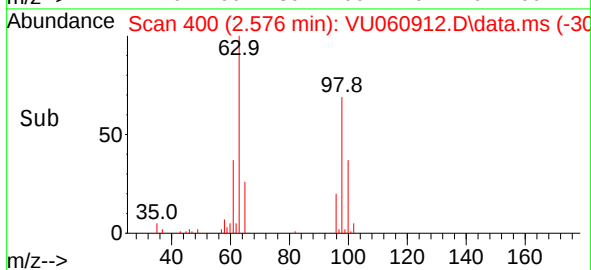
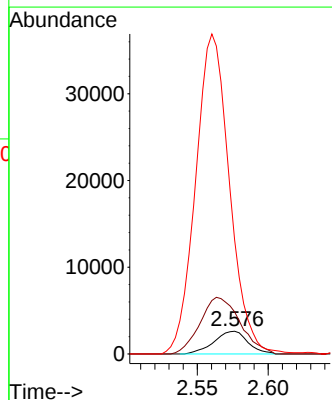
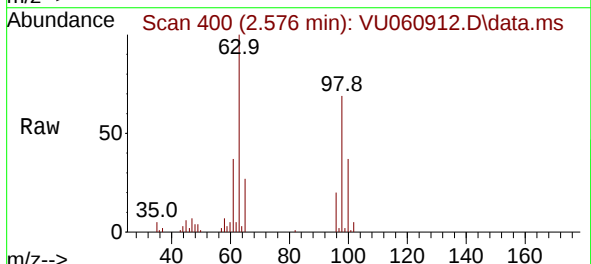
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ClientSampleId :

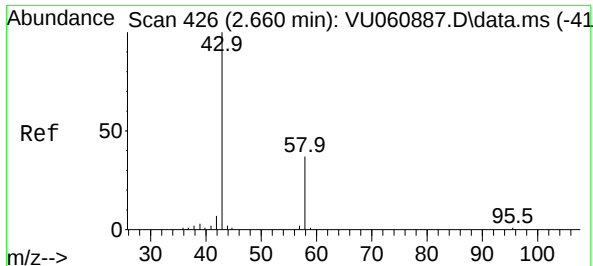
Tgt Ion: 64 Resp: 1756
Ion Ratio Lower Upper
64 100
66 5.8 22.3 41.3#



#12
1,1-Dichloroethene
Concen: 0.459 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU060912.D
Acq: 19 Sep 2024 20:45

Tgt Ion: 96 Resp: 4358
Ion Ratio Lower Upper
96 100
61 184.6 120.7 224.1
63 501.5 90.0 167.2#

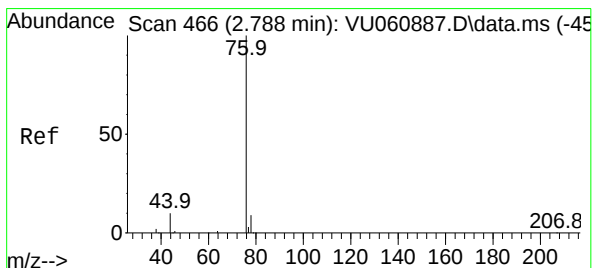
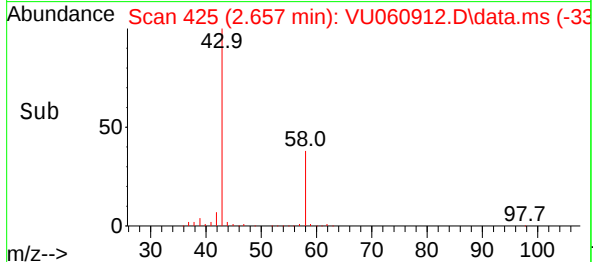
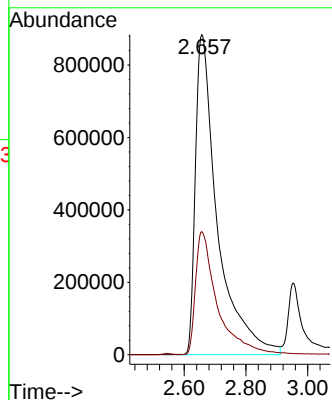
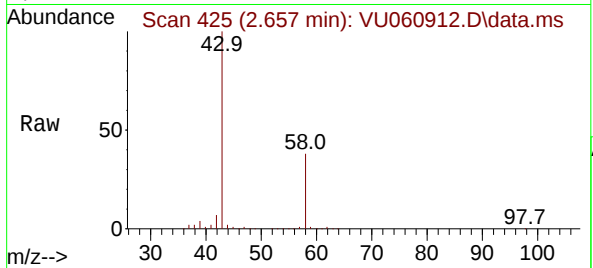




#13
Acetone
Concen: 3010.247 ug/L
RT: 2.657 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU060912.D
Acq: 19 Sep 2024 20:45

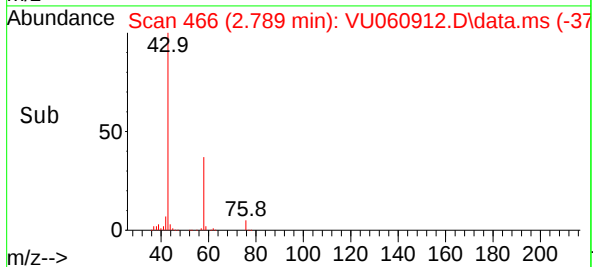
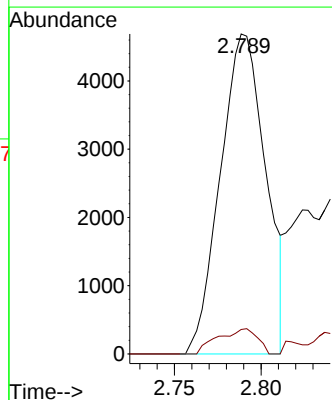
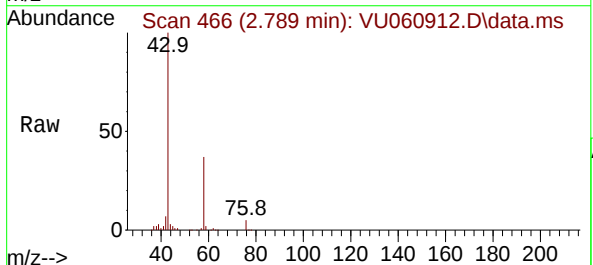
Instrument :
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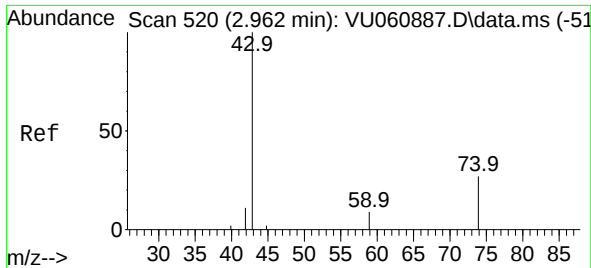
Tgt Ion: 43 Resp: 4376420
Ion Ratio Lower Upper
43 100
58 37.7 0.0 69.6



#14
Carbon disulfide
Concen: 0.323 ug/L
RT: 2.789 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU060912.D
Acq: 19 Sep 2024 20:45

Tgt Ion: 76 Resp: 8512
Ion Ratio Lower Upper
76 100
78 7.7 7.1 10.7

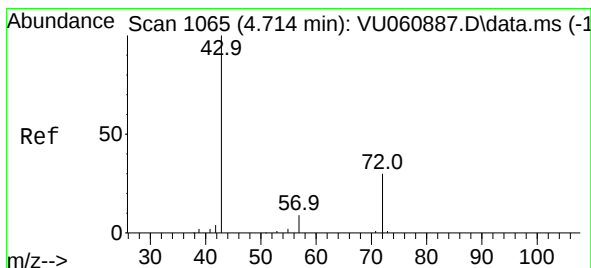
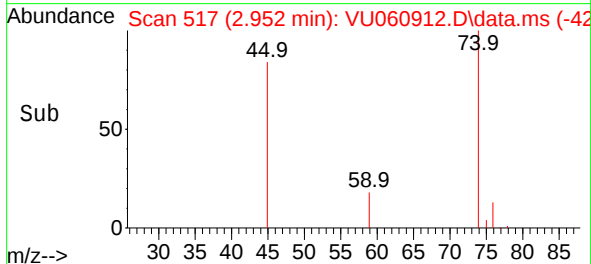
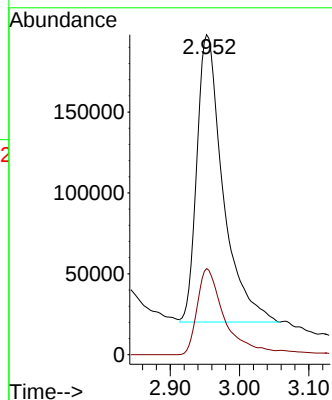
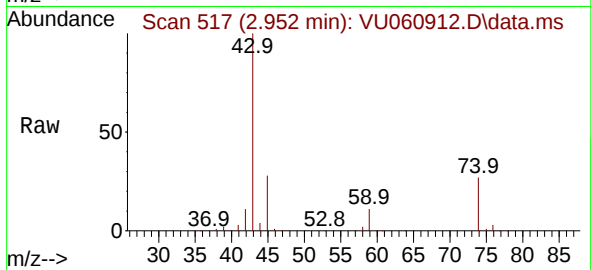




#15
Methyl Acetate
Concen: 131.448 ug/L
RT: 2.952 min Scan# 51
Delta R.T. -0.009 min
Lab File: VU060912.D
Acq: 19 Sep 2024 20:45

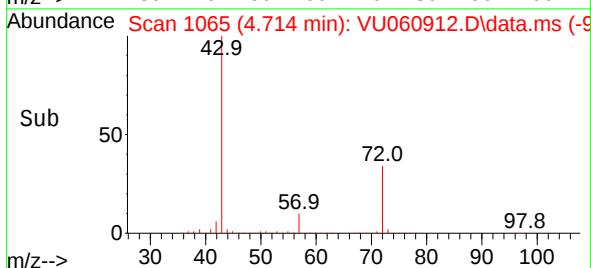
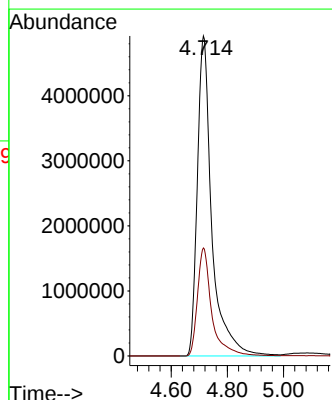
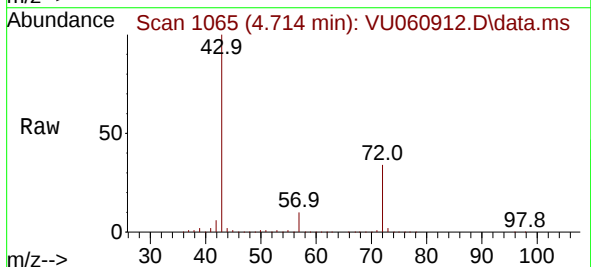
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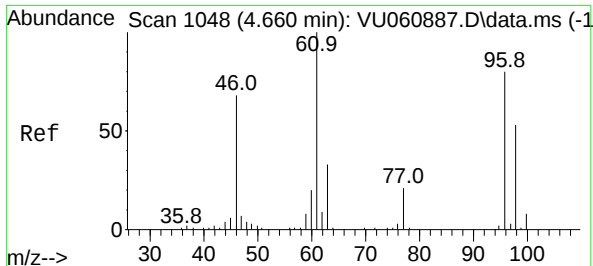
Tgt Ion: 43 Resp: 465925
Ion Ratio Lower Upper
43 100
74 31.3 18.9 28.3#



#21
2-Butanone
Concen: 7440.435 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VU060912.D
Acq: 19 Sep 2024 20:45

Tgt Ion: 43 Resp:17608771
Ion Ratio Lower Upper
43 100
72 33.5 14.8 44.3

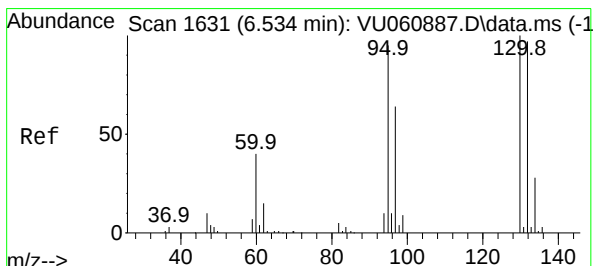
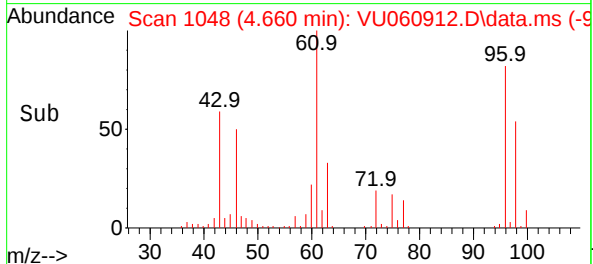
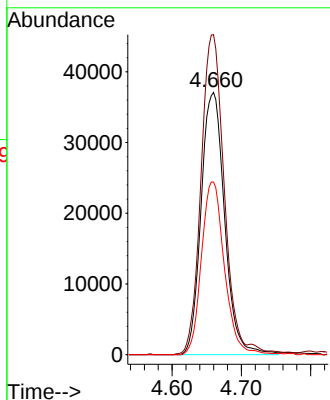
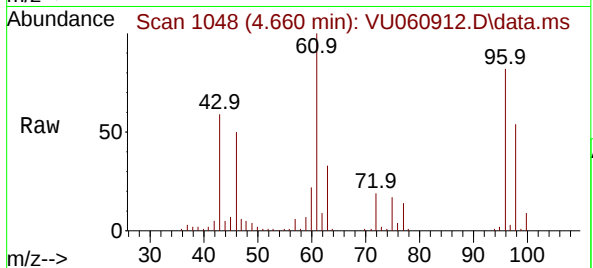




#22
cis-1,2-Dichloroethene
Concen: 8.031 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU060912.D
Acq: 19 Sep 2024 20:45

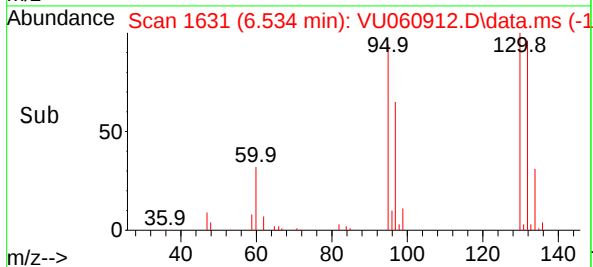
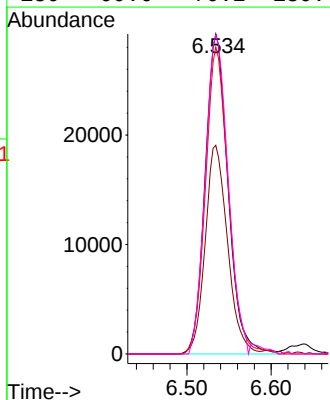
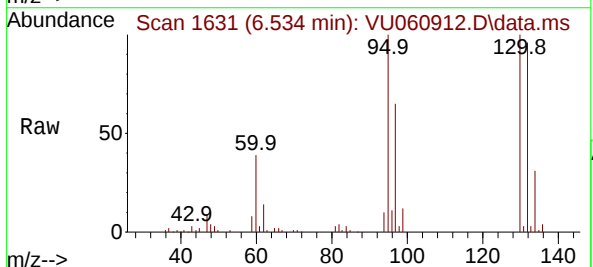
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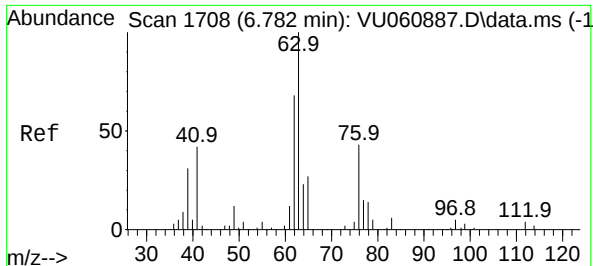
Tgt Ion: 96 Resp: 87435
Ion Ratio Lower Upper
96 100
61 122.0 89.7 166.5
98 65.8 45.1 83.9



#34
Trichloroethene
Concen: 5.061 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU060912.D
Acq: 19 Sep 2024 20:45

Tgt Ion: 95 Resp: 55333
Ion Ratio Lower Upper
95 100
97 65.2 44.9 83.5
132 95.9 63.5 117.9
130 99.6 70.2 130.4

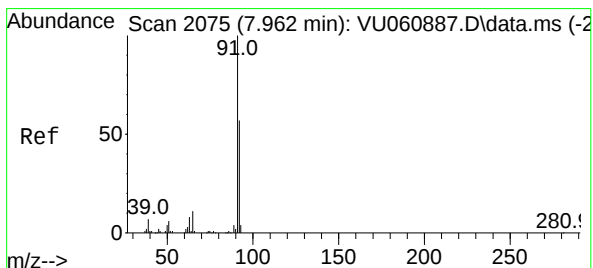
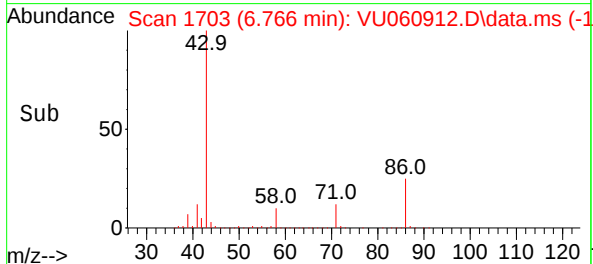
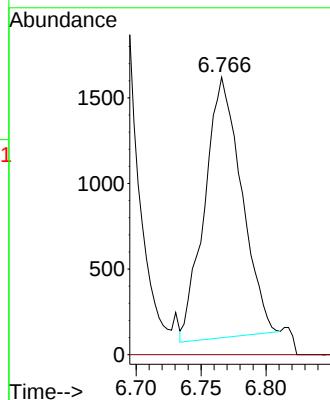
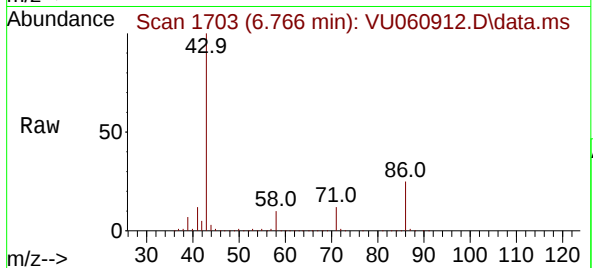




#37
1,2-Dichloropropane
Concen: 0.262 ug/L
RT: 6.766 min Scan# 1
Delta R.T. -0.016 min
Lab File: VU060912.D
Acq: 19 Sep 2024 20:45

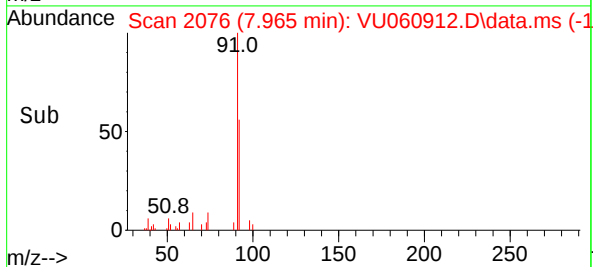
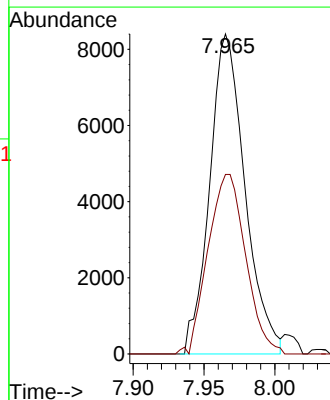
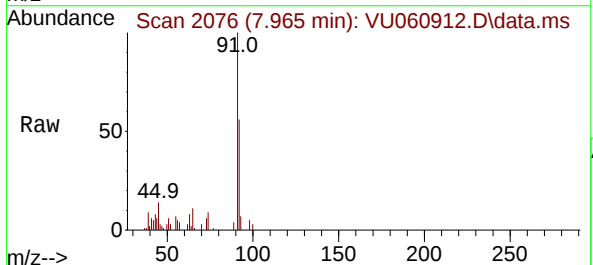
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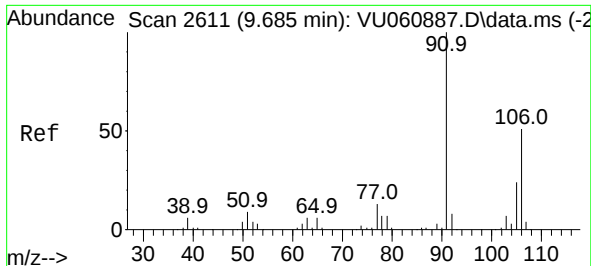
Tgt Ion: 63 Resp: 3009
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#42
Toluene
Concen: 0.334 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU060912.D
Acq: 19 Sep 2024 20:45

Tgt Ion: 91 Resp: 14569
Ion Ratio Lower Upper
91 100
92 56.1 40.5 75.3





#53

m,p-Xylene

Concen: 0.130 ug/L

RT: 9.689 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU060912.D

Acq: 19 Sep 2024 20:45

Instrument :

MSVOA_U

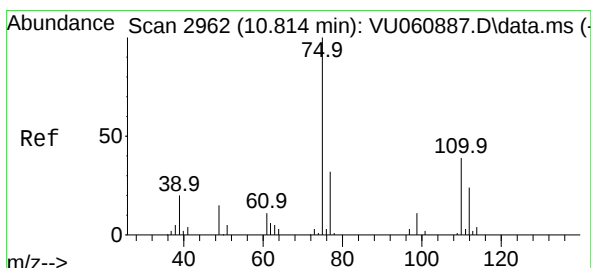
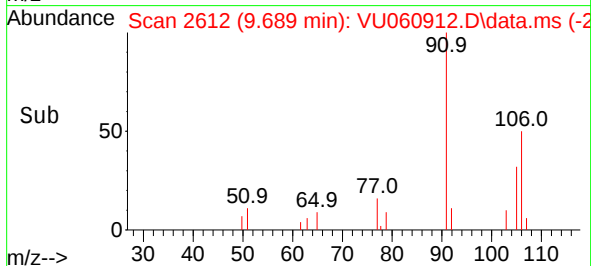
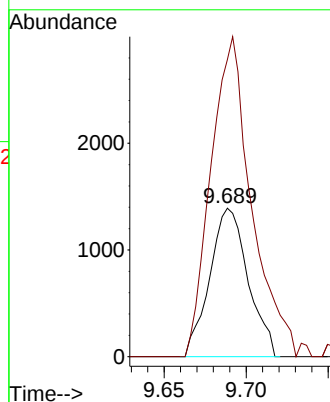
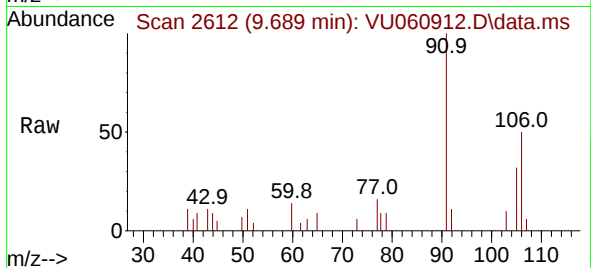
ClientSampleId :

Tgt Ion:106 Resp: 2257

Ion Ratio Lower Upper

106 100

91 200.1 139.7 259.4



#61

1,2,3-Trichloropropane

Concen: 0.792 ug/L

RT: 10.451 min Scan# 2849

Delta R.T. -0.363 min

Lab File: VU060912.D

Acq: 19 Sep 2024 20:45

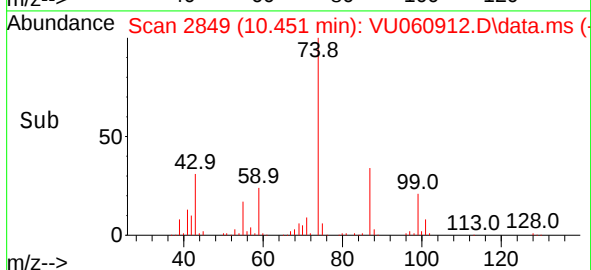
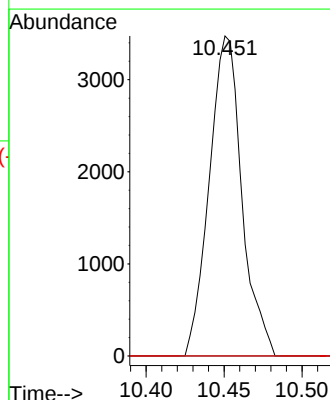
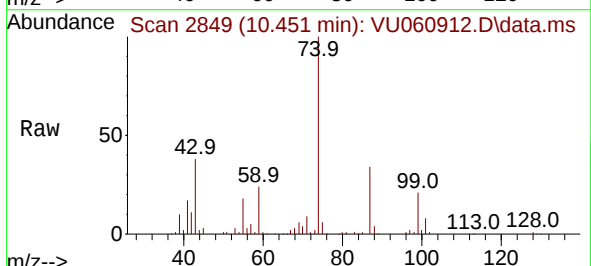
Tgt Ion: 75 Resp: 5054

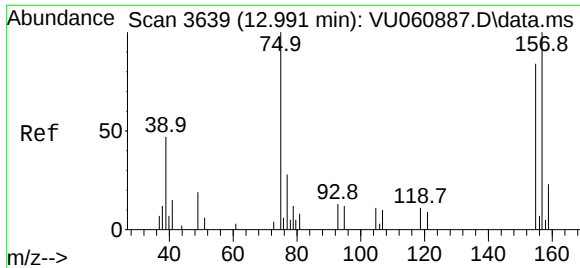
Ion Ratio Lower Upper

75 100

110 0.0 28.6 43.0#

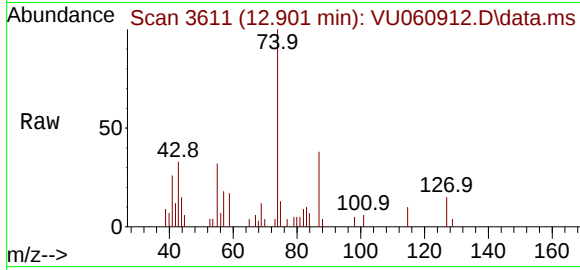
77 0.0 26.3 39.5#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.278 ug/L
 RT: 12.901 min Scan# 3611
 Delta R.T. -0.090 min
 Lab File: VU060912.D
 Acq: 19 Sep 2024 20:45

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	346
Ion	Ratio	Lower	Upper
75	100		
155	0.0	73.1	109.7#
157	0.0	91.0	136.4#

