

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060898.D
 Acq On : 19 Sep 2024 15:08
 Operator : MD/SY
 Sample : P3952-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 19 23:57:55 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)

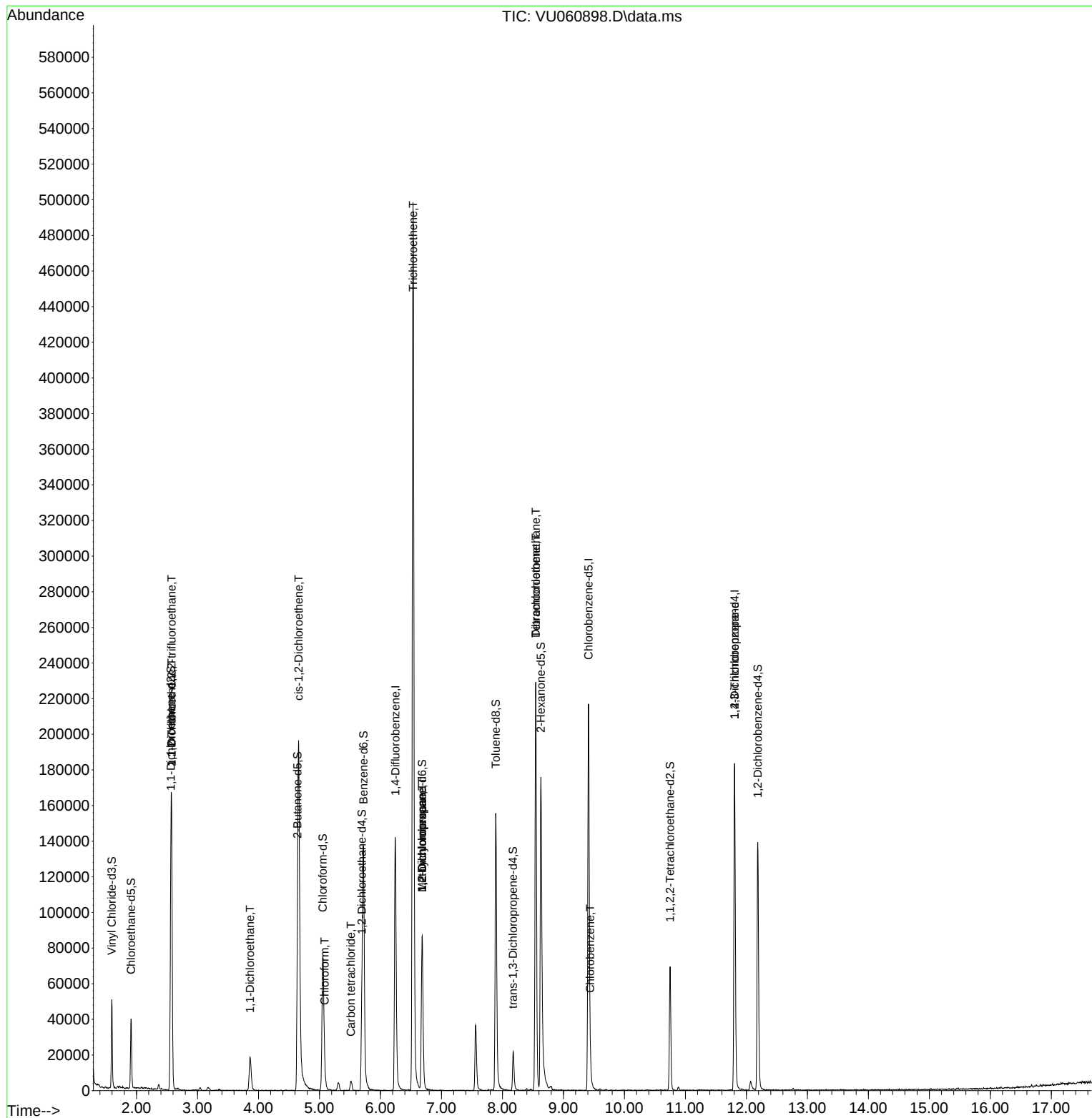
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	126414	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	133430	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	56307	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	34098	2.999	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.000%
7) Chloroethane-d5	1.911	69	29864	3.689	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.563	65	13623	3.380	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	4.640	46	81229	44.501	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.000%
24) Chloroform-d	5.055	84	74070	4.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.695	65	37887	4.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.721	84	135828	3.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	6.685	67	44145	3.990	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.800%
41) Toluene-d8	7.891	98	113394	3.478	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.600%#
43) trans-1,3-Dichloroprop...	8.174	79	14623	3.671	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.400%
46) 2-Hexanone-d5	8.631	63	65491	41.683	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.360%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	36232	4.180	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	43175	4.563	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	2244	0.258	ug/L #	69
12) 1,1-Dichloroethene	2.576	96	44755	5.628	ug/L	81
19) 1,1-Dichloroethane	3.862	63	23305	1.409	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	90816	9.959	ug/L	96
25) Chloroform	5.084	83	8540	0.495	ug/L	92
31) Carbon tetrachloride	5.515	117	3898	0.306	ug/L	98
34) Trichloroethene	6.534	95	178549	18.564	ug/L	97
35) Methylcyclohexane	6.682	83	10189	0.772	ug/L #	44
37) 1,2-Dichloropropane	6.682	63	4926	0.487	ug/L #	93
47) Tetrachloroethene	8.547	164	55621	7.277	ug/L	98
49) Dibromochloromethane	8.547	129	52819	6.357	ug/L #	9
51) Chlorobenzene	9.441	112	5846	0.227	ug/L	93
61) 1,2,3-Trichloropropane	11.807	75	5664	1.078	ug/L #	68

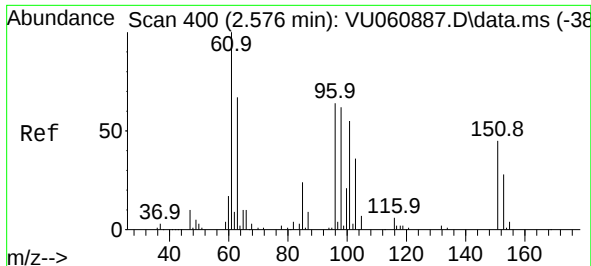
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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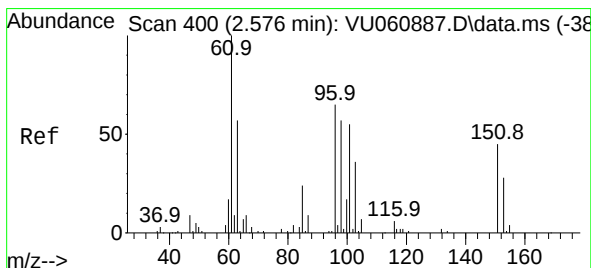
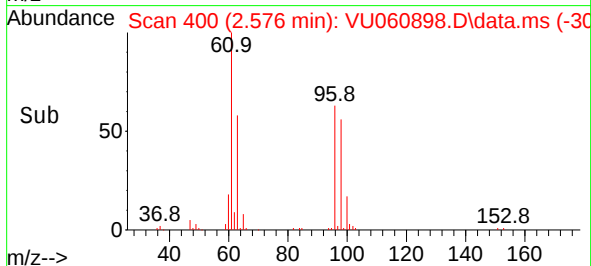
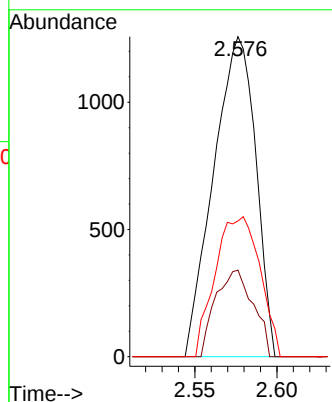
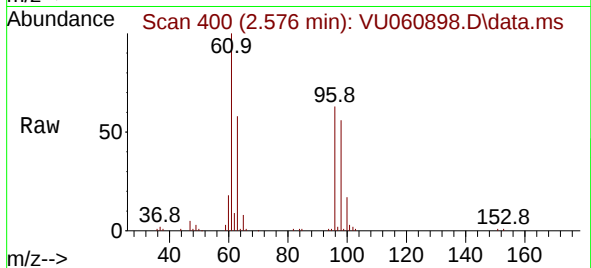




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.258 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU060898.D
 Acq: 19 Sep 2024 15:08

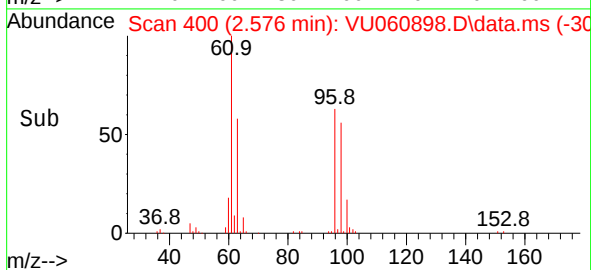
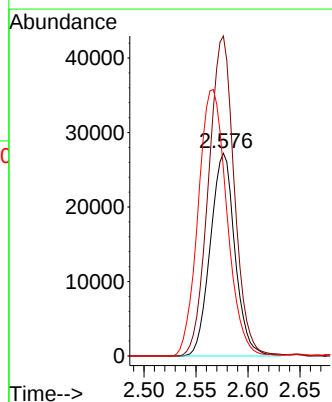
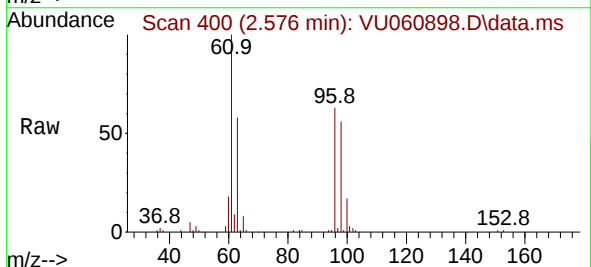
Instrument :
 MSVOA_U
 ClientSampleId :

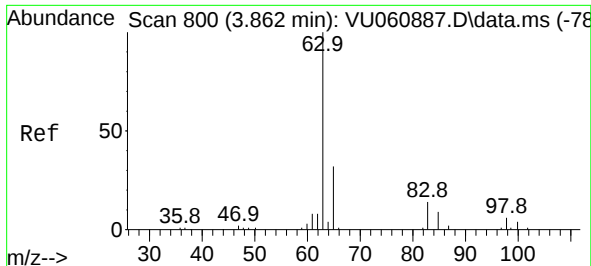
Tgt Ion:101 Resp: 2244
 Ion Ratio Lower Upper
 101 100
 85 24.1 34.2 51.4#
 151 46.5 58.6 88.0#



#12
 1,1-Dichloroethene
 Concen: 5.628 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU060898.D
 Acq: 19 Sep 2024 15:08

Tgt Ion: 96 Resp: 44755
 Ion Ratio Lower Upper
 96 100
 61 157.9 120.7 224.1
 63 92.3 90.0 167.2

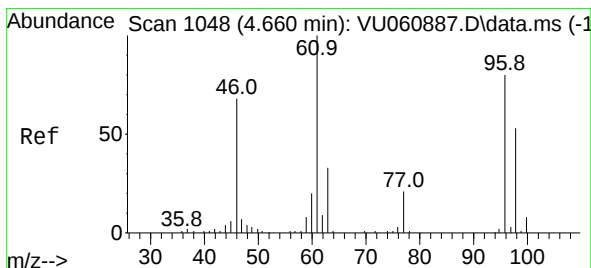
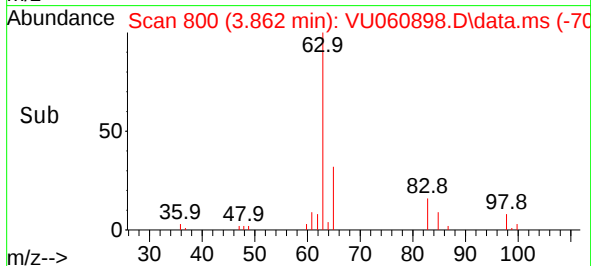
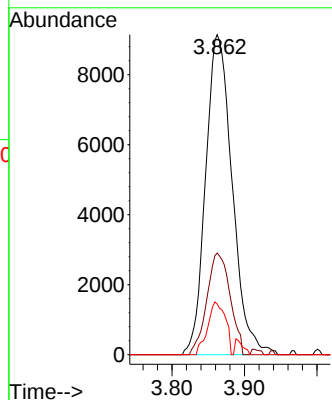
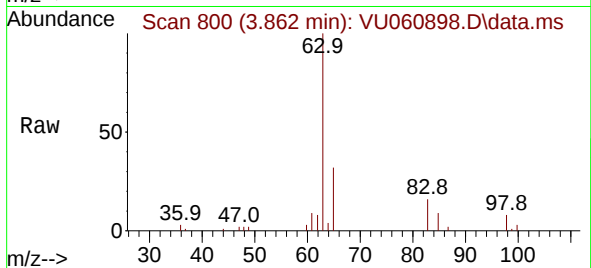




#19
1,1-Dichloroethane
Concen: 1.409 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU060898.D
Acq: 19 Sep 2024 15:08

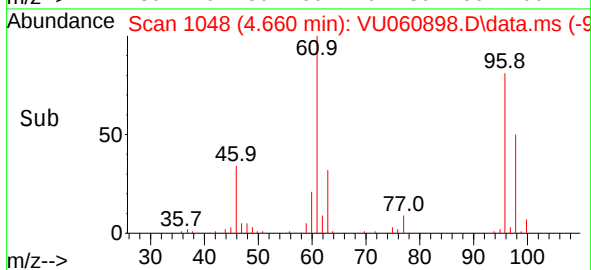
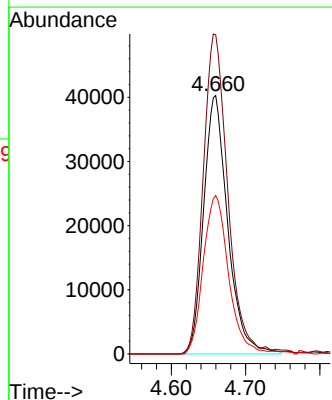
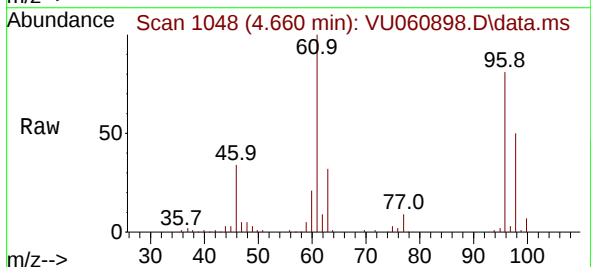
Instrument :
MSVOA_U
ClientSampleId :

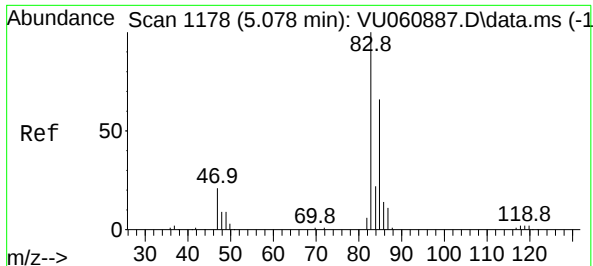
Tgt Ion:	63	Resp:	23305
Ion	Ratio	Lower	Upper
63	100		
65	31.8	23.0	42.8
83	15.9	9.0	16.6



#22
cis-1,2-Dichloroethene
Concen: 9.959 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU060898.D
Acq: 19 Sep 2024 15:08

Tgt Ion:	96	Resp:	90816
Ion	Ratio	Lower	Upper
96	100		
61	123.5	89.7	166.5
98	61.3	45.1	83.9





#25

Chloroform

Concen: 0.495 ug/L

RT: 5.084 min Scan# 1178

Delta R.T. 0.007 min

Lab File: VU060898.D

Acq: 19 Sep 2024 15:08

Instrument :

MSVOA_U

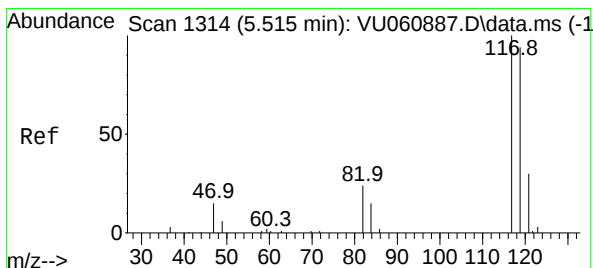
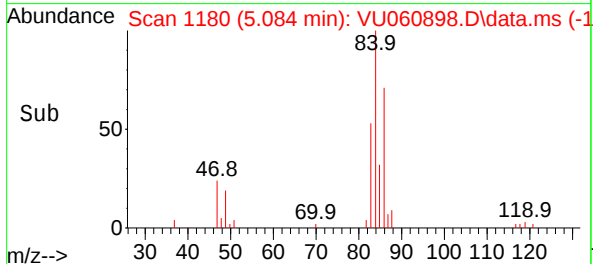
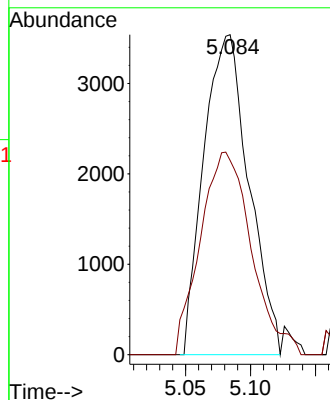
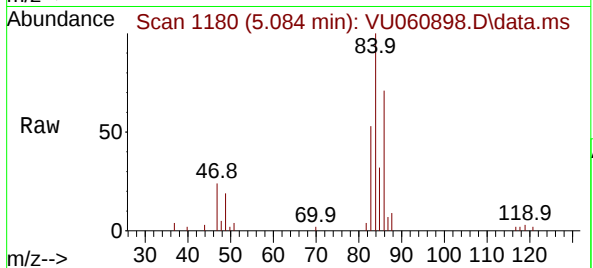
ClientSampleId :

Tgt Ion: 83 Resp: 8540

Ion Ratio Lower Upper

83 100

85 60.7 46.8 86.8



#31

Carbon tetrachloride

Concen: 0.306 ug/L

RT: 5.515 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VU060898.D

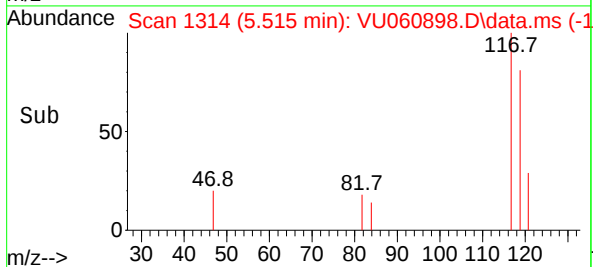
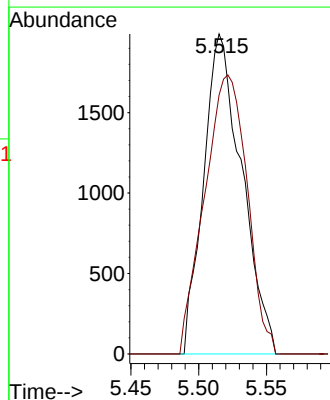
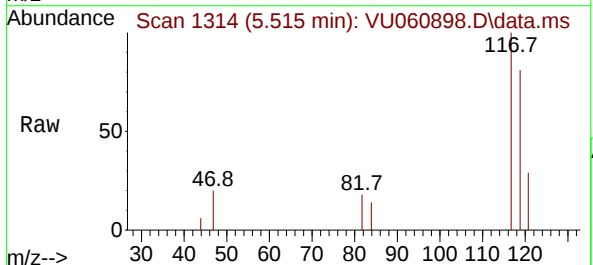
Acq: 19 Sep 2024 15:08

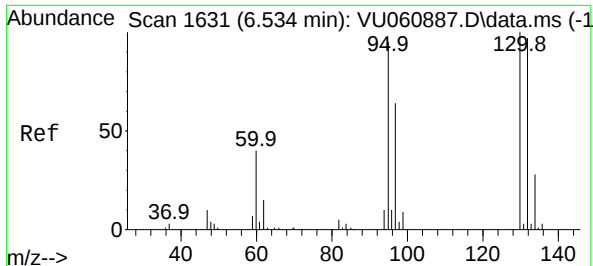
Tgt Ion: 117 Resp: 3898

Ion Ratio Lower Upper

117 100

119 97.0 76.3 114.5

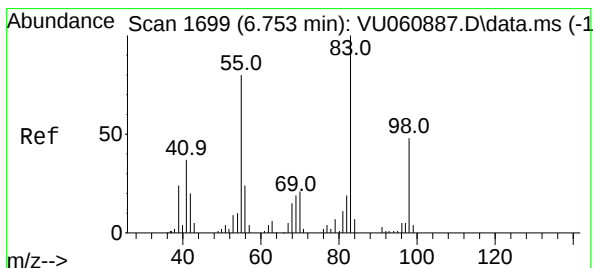
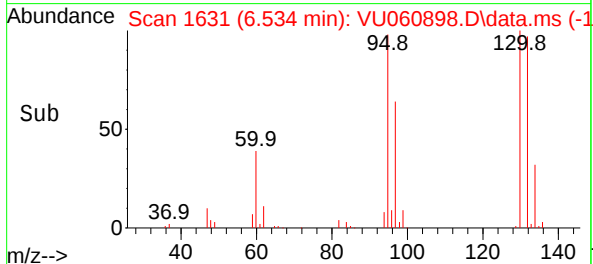
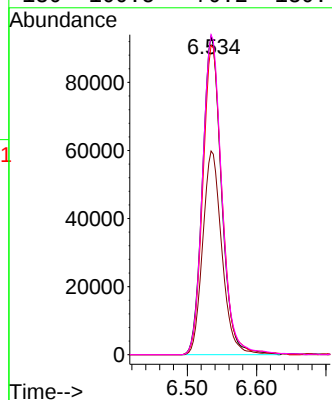
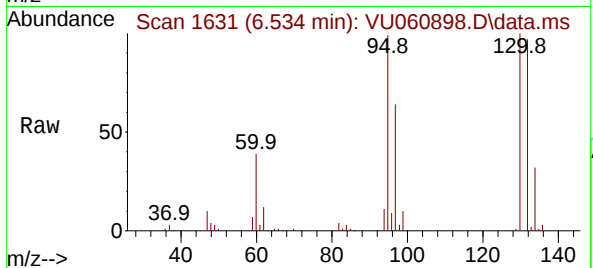




#34
Trichloroethene
Concen: 18.564 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU060898.D
Acq: 19 Sep 2024 15:08

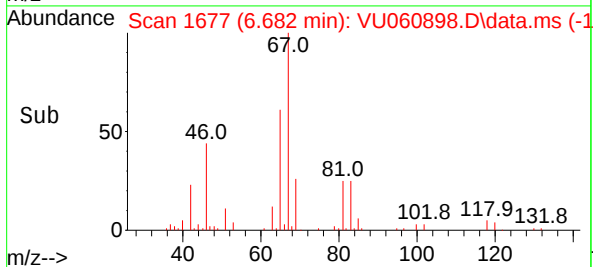
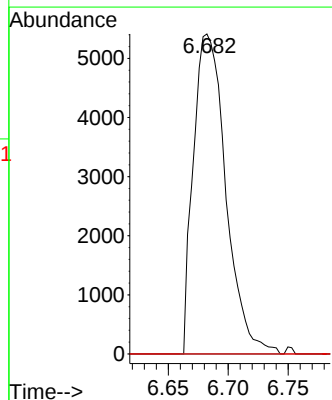
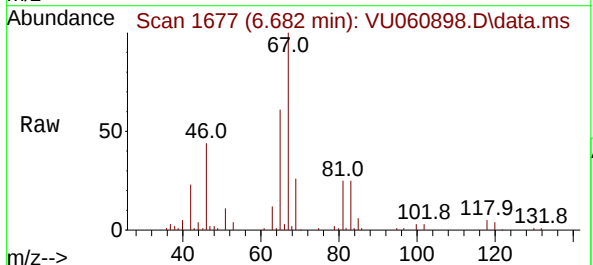
Instrument :
MSVOA_U
ClientSampleId :

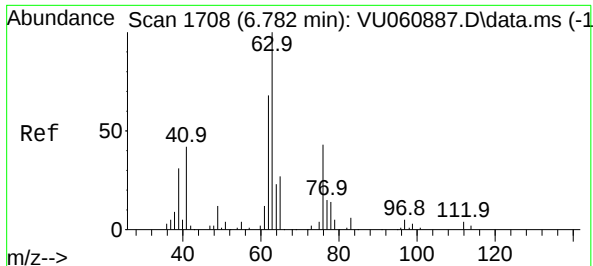
Tgt Ion: 95 Resp: 178549
Ion Ratio Lower Upper
95 100
97 64.0 44.9 83.5
132 97.2 63.5 117.9
130 100.5 70.2 130.4



#35
Methylcyclohexane
Concen: 0.772 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU060898.D
Acq: 19 Sep 2024 15:08

Tgt Ion: 83 Resp: 10189
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 46.8 37.6 56.4

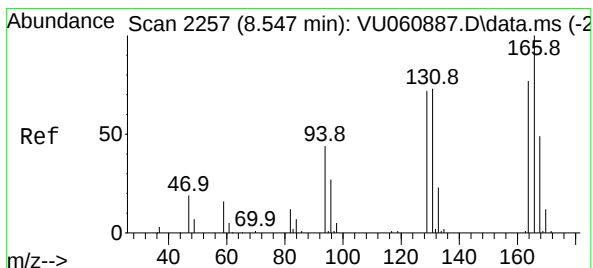
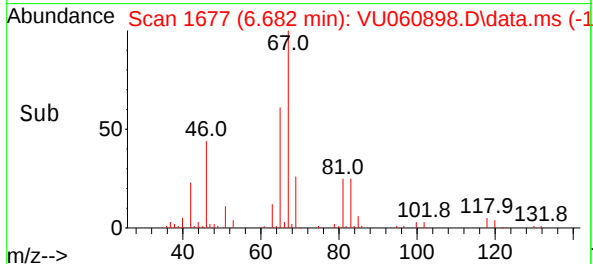
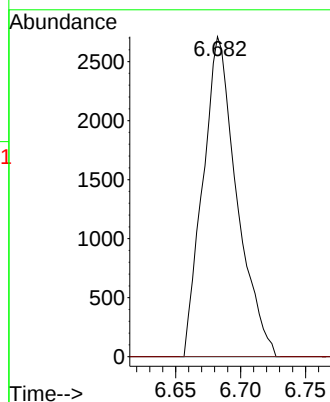
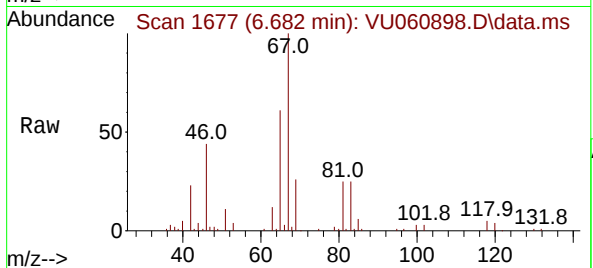




#37
1,2-Dichloropropane
Concen: 0.487 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU060898.D
Acq: 19 Sep 2024 15:08

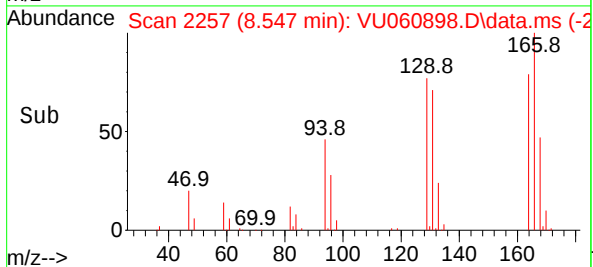
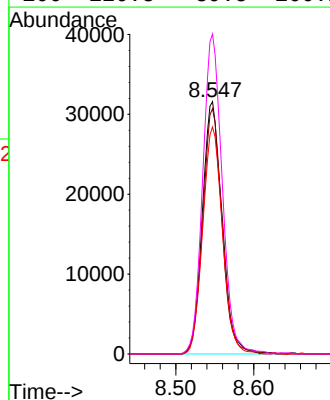
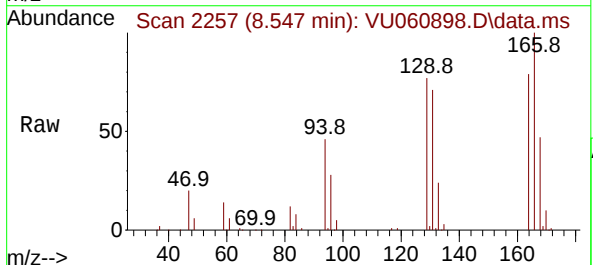
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MSVOA_U
ClientSampleId :

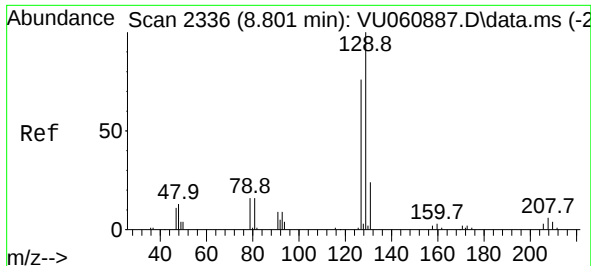
Tgt Ion: 63 Resp: 4926
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#47
Tetrachloroethene
Concen: 7.277 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060898.D
Acq: 19 Sep 2024 15:08

Tgt Ion: 164 Resp: 55621
Ion Ratio Lower Upper
164 100
129 97.2 67.3 124.9
131 90.0 65.4 121.4
166 126.8 89.5 166.1





#49

Dibromochloromethane

Concen: 6.357 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU060898.D

Acq: 19 Sep 2024 15:08

Instrument :

MSVOA_U

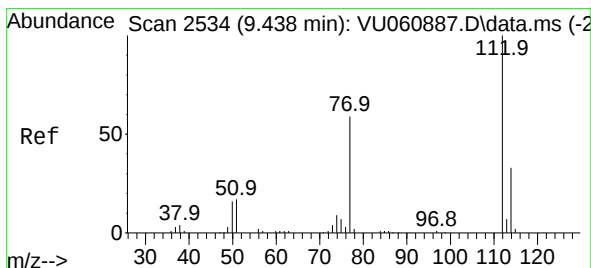
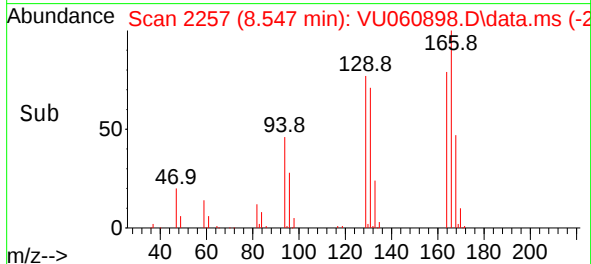
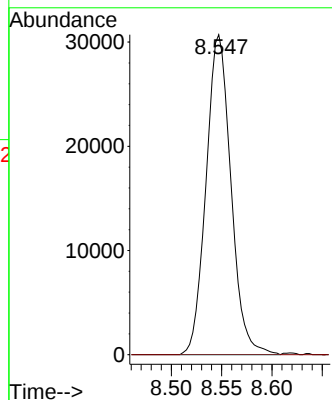
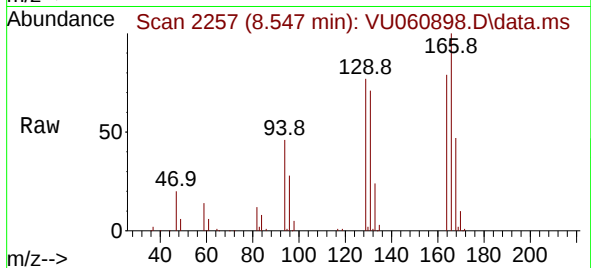
ClientSampleId :

Tgt Ion:129 Resp: 52819

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.1#



#51

Chlorobenzene

Concen: 0.227 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU060898.D

Acq: 19 Sep 2024 15:08

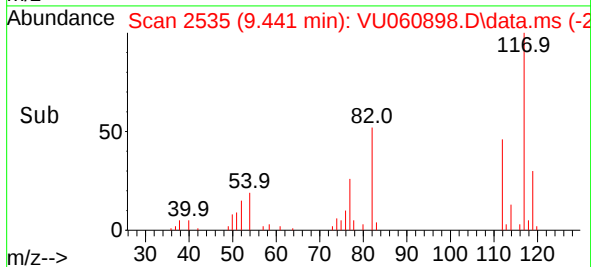
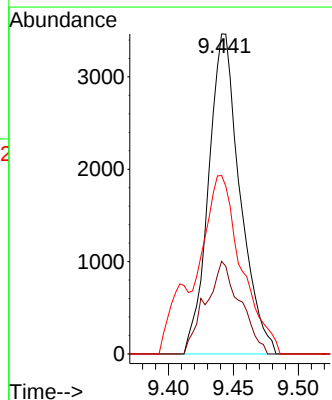
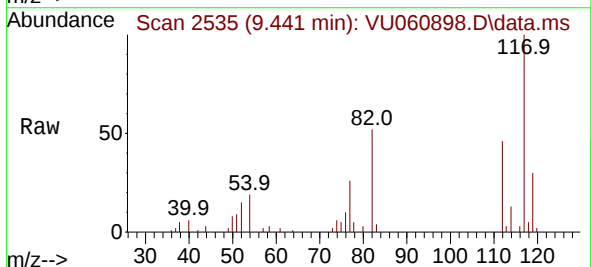
Tgt Ion:112 Resp: 5846

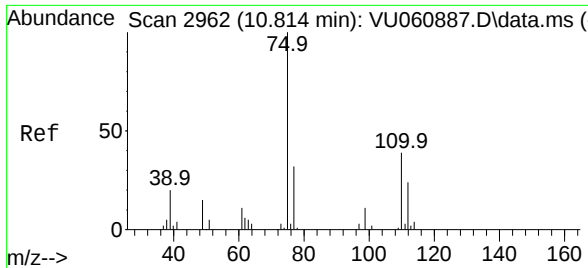
Ion Ratio Lower Upper

112 100

114 27.2 22.2 41.2

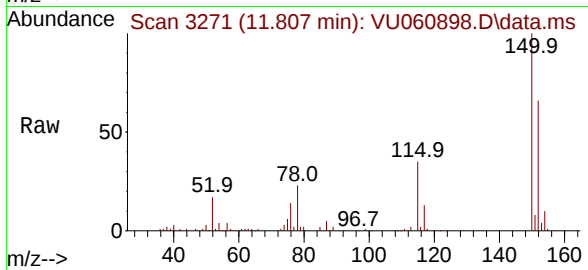
77 61.9 46.1 69.1





#61
1,2,3-Trichloropropane
Concen: 1.078 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU060898.D
Acq: 19 Sep 2024 15:08

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.3	28.6	43.0#
77	33.9	26.3	39.5

