

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092024\
 Data File : VU060960.D
 Acq On : 20 Sep 2024 22:31
 Operator : MD/SY
 Sample : P4092-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 21 01:46:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:39:49 2024
 Response via : Initial Calibration

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

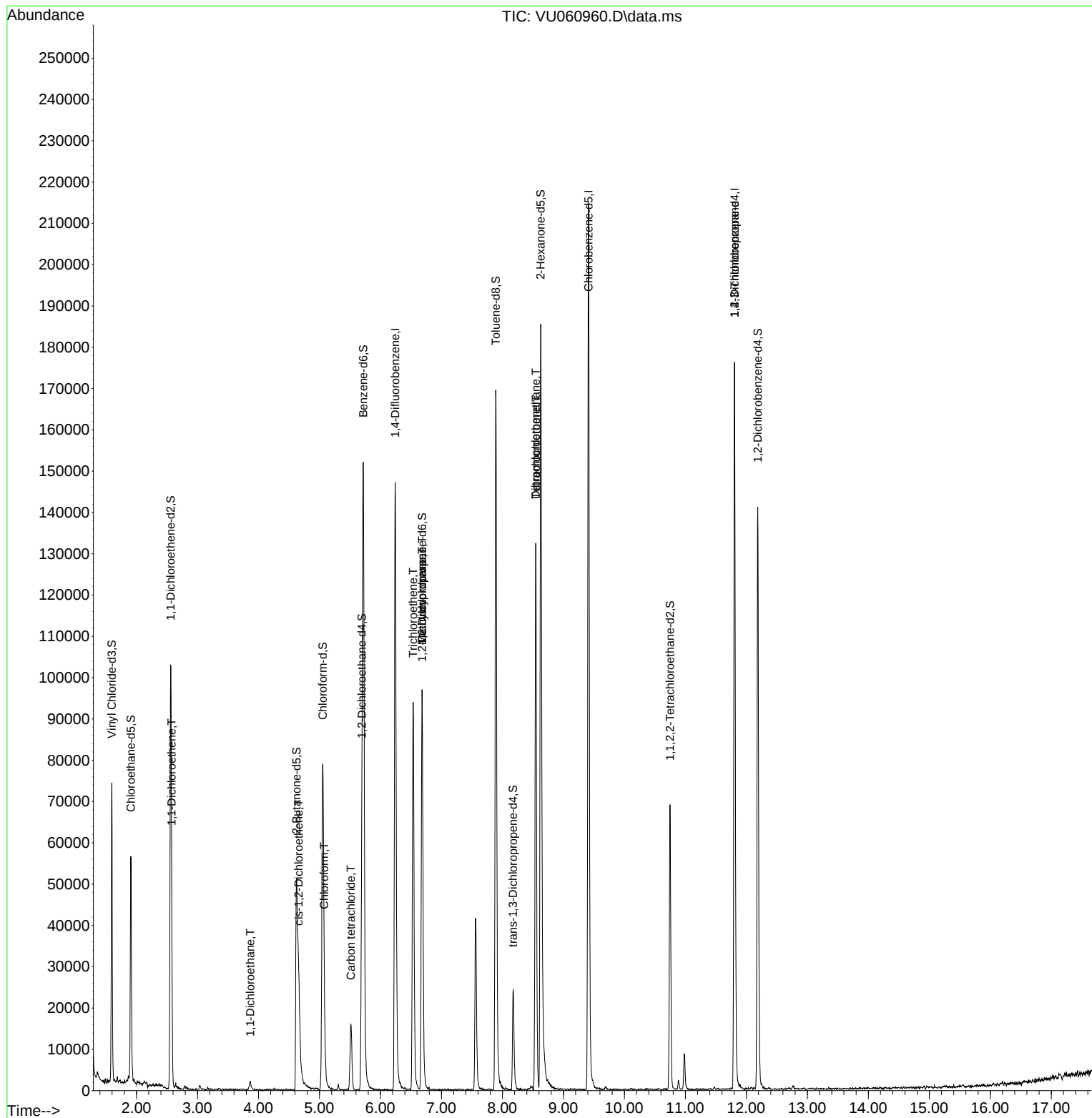
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	125826	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	128339	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	52197	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49996	4.418	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.907	69	39058	4.847	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.560	65	18367	4.579	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	4.624	46	82005	45.136	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.280%
24) Chloroform-d	5.052	84	76360	4.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.695	65	39986	4.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.718	84	150341	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.682	67	51264	4.817	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.891	98	121670	3.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.174	79	16238	4.239	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.627	63	67186	44.458	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.920%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	37724	4.524	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	41660	4.750	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	6825	0.862	ug/L #	21
19) 1,1-Dichloroethane	3.866	63	3211	0.195	ug/L #	82
22) cis-1,2-Dichloroethene	4.660	96	9331	1.028	ug/L	98
25) Chloroform	5.078	83	8458	0.493	ug/L	92
31) Carbon tetrachloride	5.515	117	11540	0.941	ug/L	98
34) Trichloroethene	6.537	95	33640	3.636	ug/L	93
35) Methylcyclohexane	6.682	83	11040	0.870	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	4614	0.474	ug/L #	93
47) Tetrachloroethene	8.547	164	30756	4.184	ug/L	97
49) Dibromochloromethane	8.547	129	30039	3.759	ug/L #	9
61) 1,2,3-Trichloropropane	11.807	75	6556	1.347	ug/L #	64

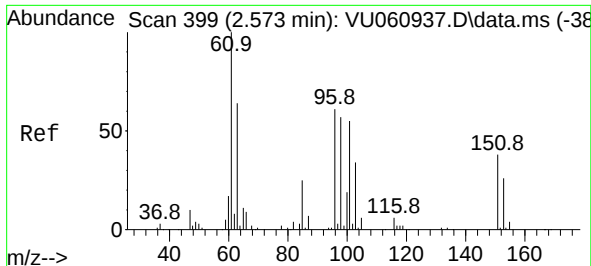
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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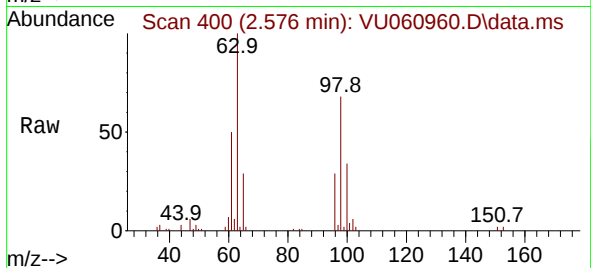
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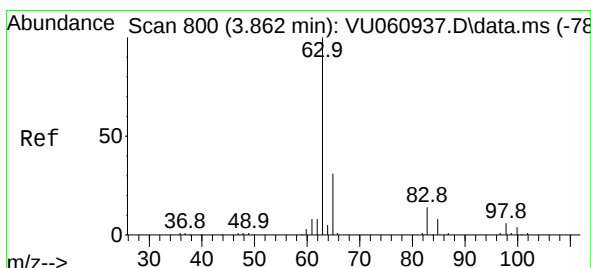
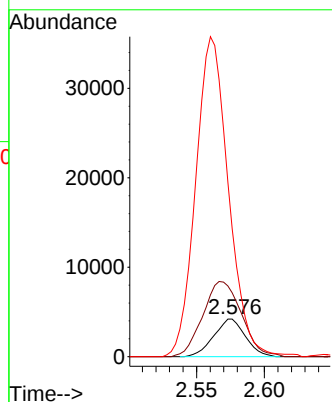
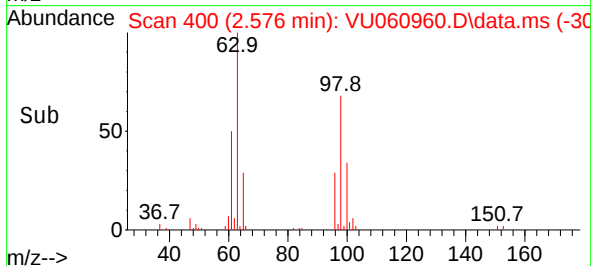


#12
1,1-Dichloroethene
Concen: 0.862 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU060960.D
Acq: 20 Sep 2024 22:31

Instrument :
MSVOA_U
ClientSampleId :

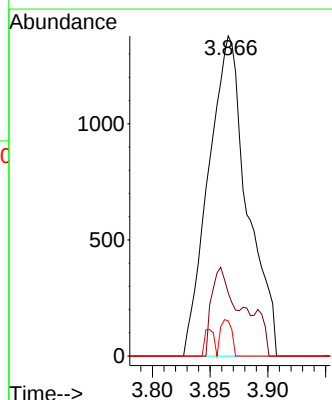
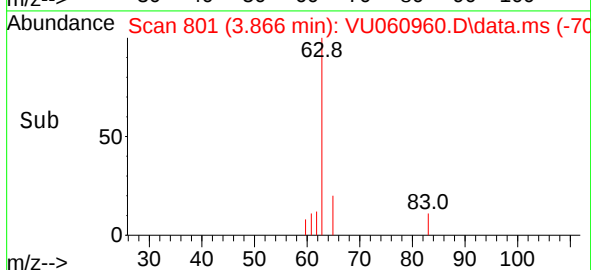
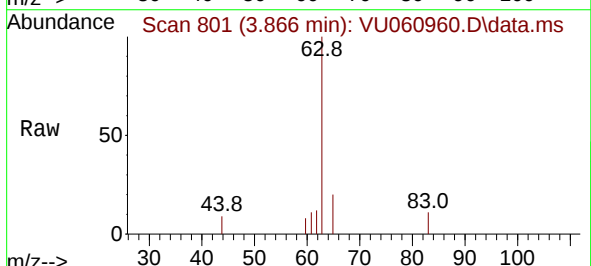


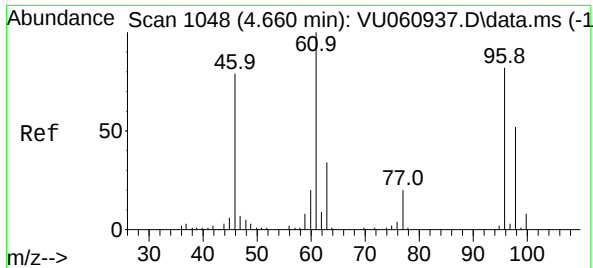
Tgt Ion: 96 Resp: 6825
Ion Ratio Lower Upper
96 100
61 170.0 120.7 224.1
63 340.4 90.0 167.2#



#19
1,1-Dichloroethane
Concen: 0.195 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU060960.D
Acq: 20 Sep 2024 22:31

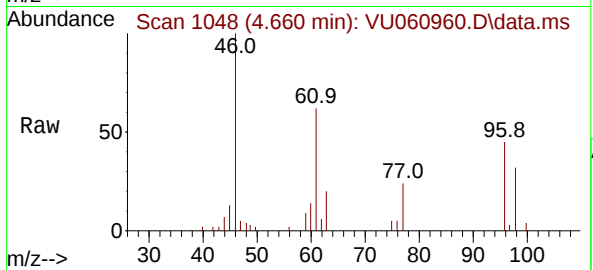
Tgt Ion: 63 Resp: 3211
Ion Ratio Lower Upper
63 100
65 19.7 23.0 42.8#
83 11.0 9.0 16.6



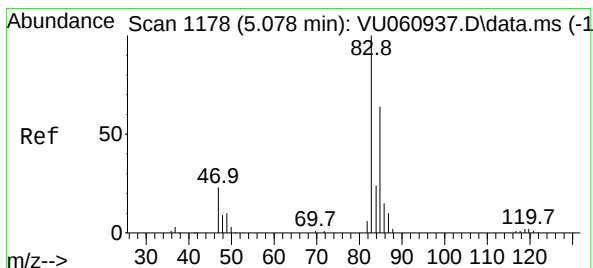
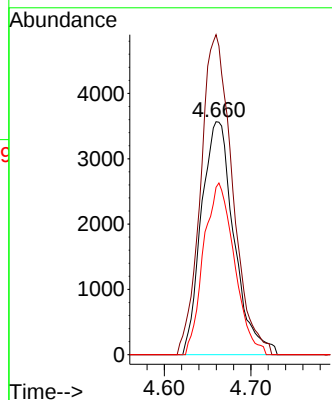
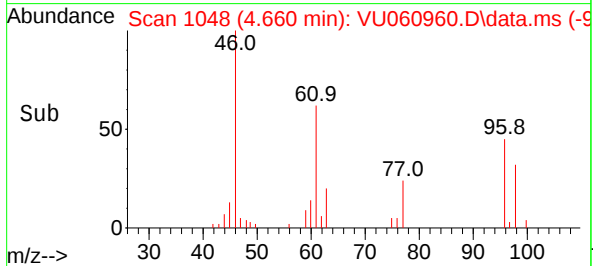


#22
cis-1,2-Dichloroethene
Concen: 1.028 ug/L
RT: 4.660 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VU060960.D
Acq: 20 Sep 2024 22:31

Instrument :
MSVOA_U
ClientSampleId :

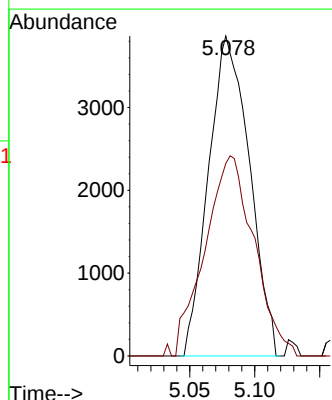
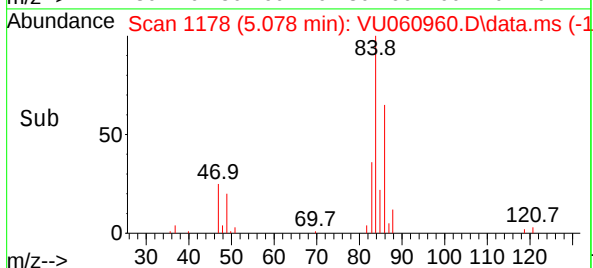
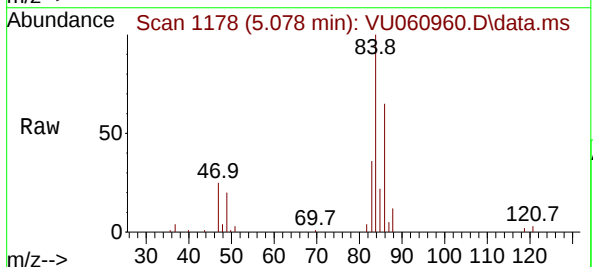


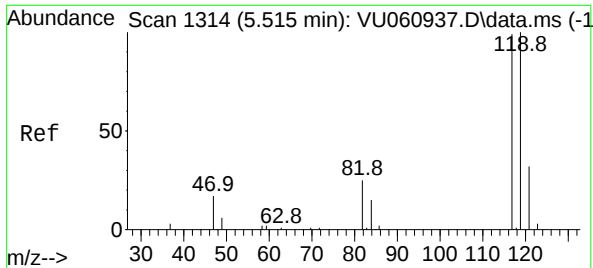
Tgt Ion: 96 Resp: 9331
Ion Ratio Lower Upper
96 100
61 129.6 89.7 166.5
98 67.7 45.1 83.9



#25
Chloroform
Concen: 0.493 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU060960.D
Acq: 20 Sep 2024 22:31

Tgt Ion: 83 Resp: 8458
Ion Ratio Lower Upper
83 100
85 60.1 46.8 86.8

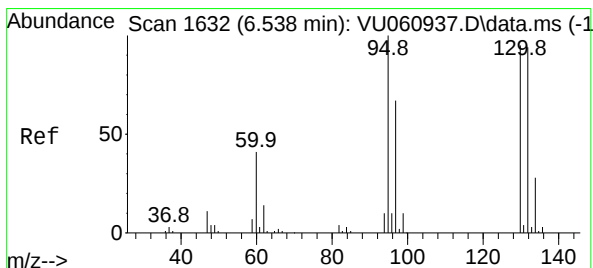
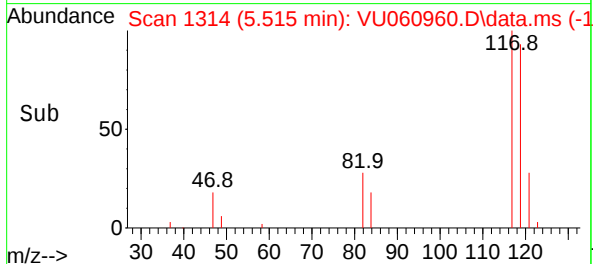
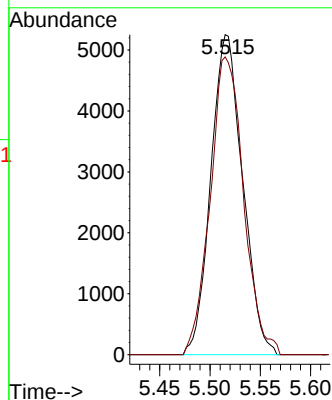
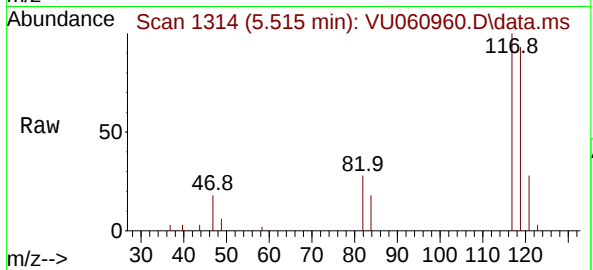




#31
Carbon tetrachloride
Concen: 0.941 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU060960.D
Acq: 20 Sep 2024 22:31

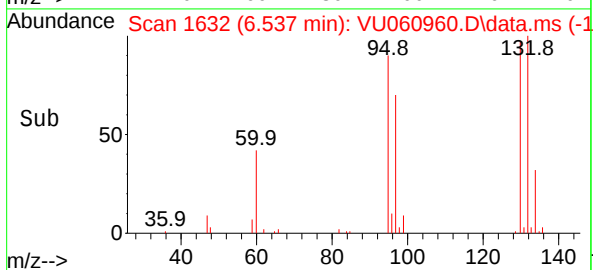
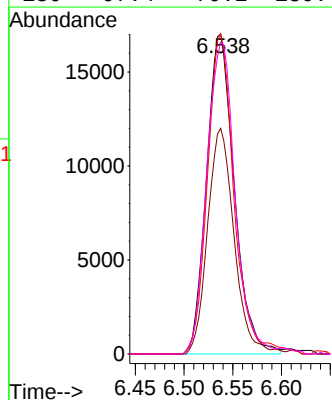
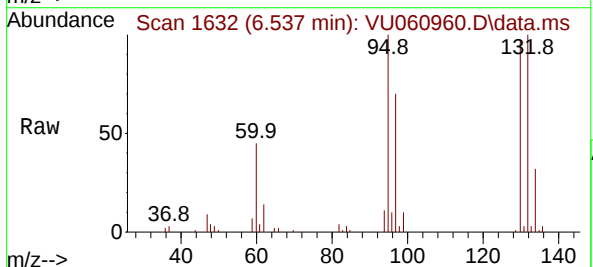
Instrument :
MSVOA_U
ClientSampleId :

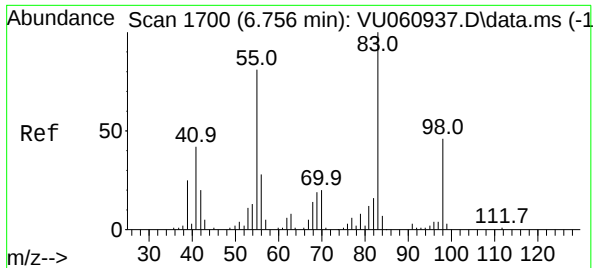
Tgt Ion:117 Resp: 11540
Ion Ratio Lower Upper
117 100
119 97.7 76.3 114.5



#34
Trichloroethene
Concen: 3.636 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU060960.D
Acq: 20 Sep 2024 22:31

Tgt Ion: 95 Resp: 33640
Ion Ratio Lower Upper
95 100
97 70.5 44.9 83.5
132 100.0 63.5 117.9
130 97.4 70.2 130.4





#35

Methylcyclohexane

Concen: 0.870 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU060960.D

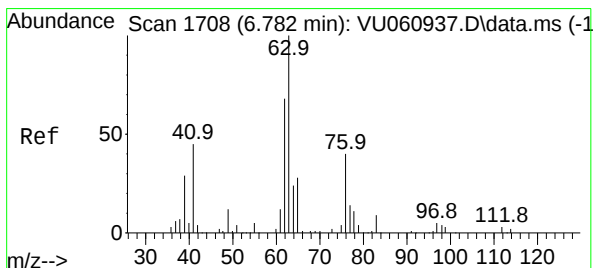
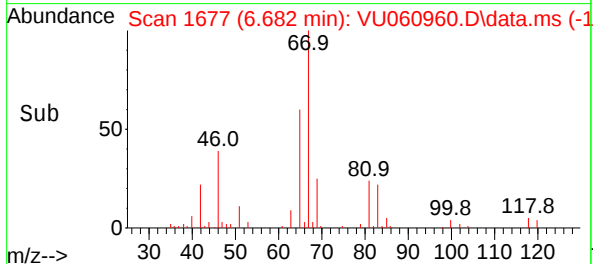
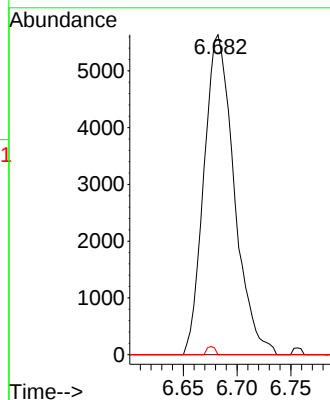
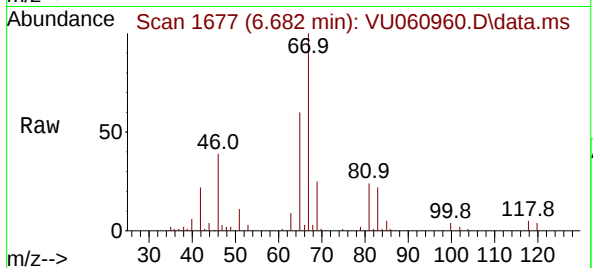
Acq: 20 Sep 2024 22:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 11040
Ion Ratio	Lower Upper
83	100
55	0.0 62.6 94.0#
98	0.7 37.6 56.4#



#37

1,2-Dichloropropane

Concen: 0.474 ug/L

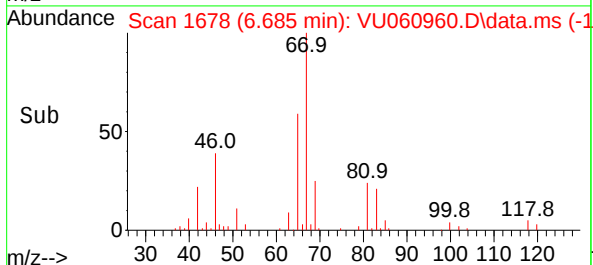
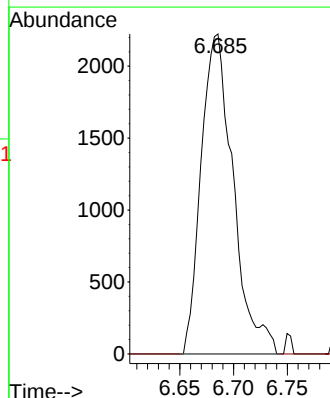
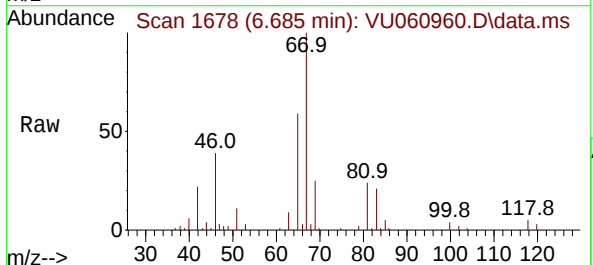
RT: 6.685 min Scan# 1678

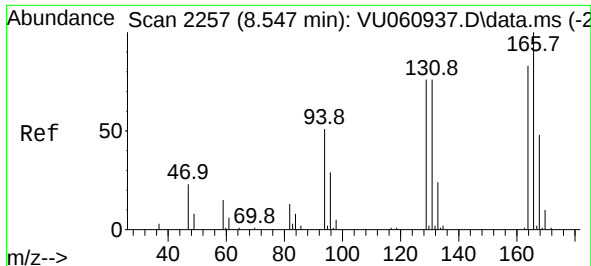
Delta R.T. -0.097 min

Lab File: VU060960.D

Acq: 20 Sep 2024 22:31

Tgt Ion: 63	Resp: 4614
Ion Ratio	Lower Upper
63	100
112	0.0 2.0 3.0#





#47

Tetrachloroethene

Concen: 4.184 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

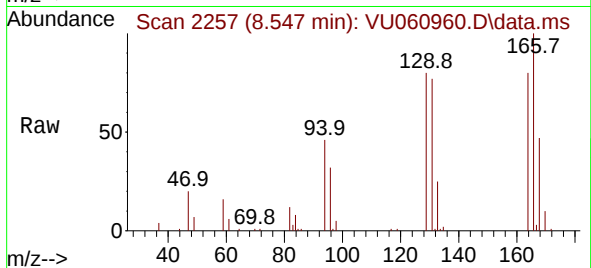
Lab File: VU060960.D

Acq: 20 Sep 2024 22:31

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 30756

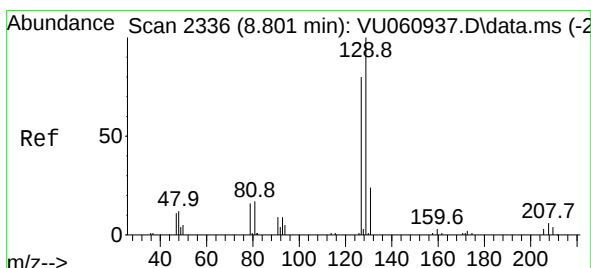
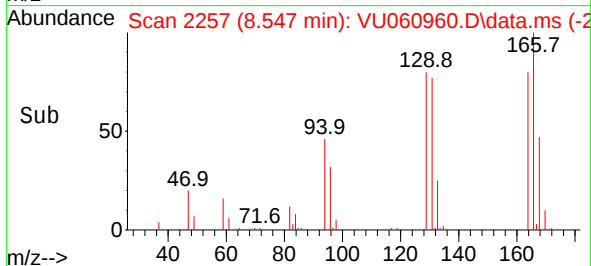
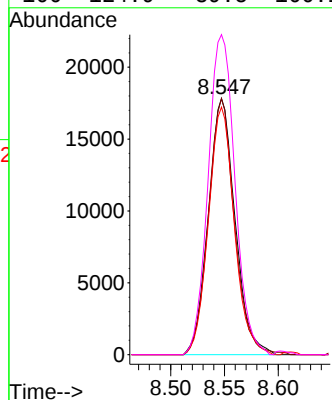
Ion Ratio Lower Upper

164 100

129 99.9 67.3 124.9

131 96.5 65.4 121.4

166 124.9 89.5 166.1



#49

Dibromochloromethane

Concen: 3.759 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU060960.D

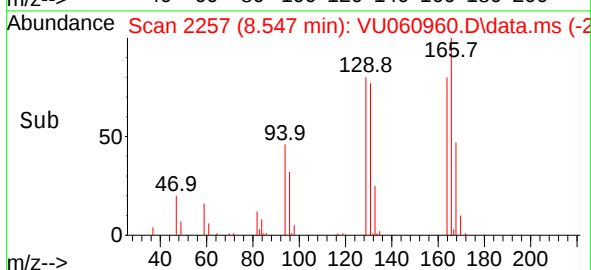
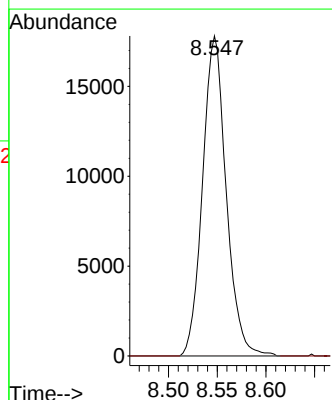
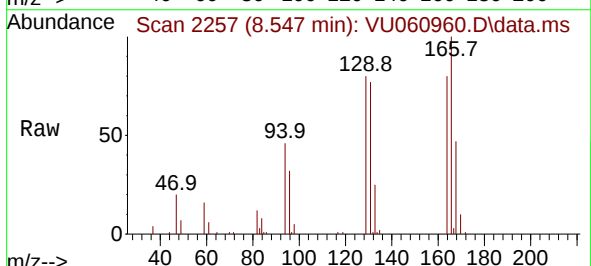
Acq: 20 Sep 2024 22:31

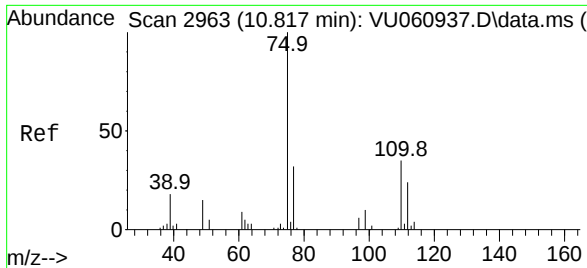
Tgt Ion:129 Resp: 30039

Ion Ratio Lower Upper

129 100

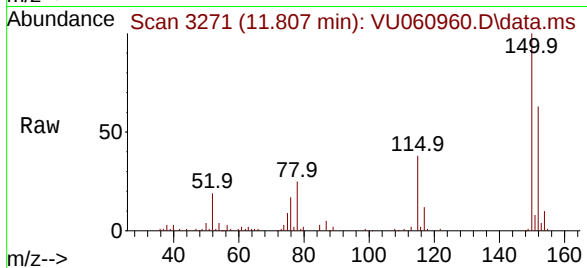
127 0.0 56.1 104.1#





#61
1,2,3-Trichloropropane
Concen: 1.347 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU060960.D
Acq: 20 Sep 2024 22:31

Instrument :
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ClientSampleId :



Tgt Ion:	75	Resp:	6556
Ion	Ratio	Lower	Upper
75	100		
110	0.0	28.6	43.0#
77	27.9	26.3	39.5

