

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060901.D
 Acq On : 19 Sep 2024 16:18
 Operator : MD/SY
 Sample : P3952-10DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 19 23:58:43 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)

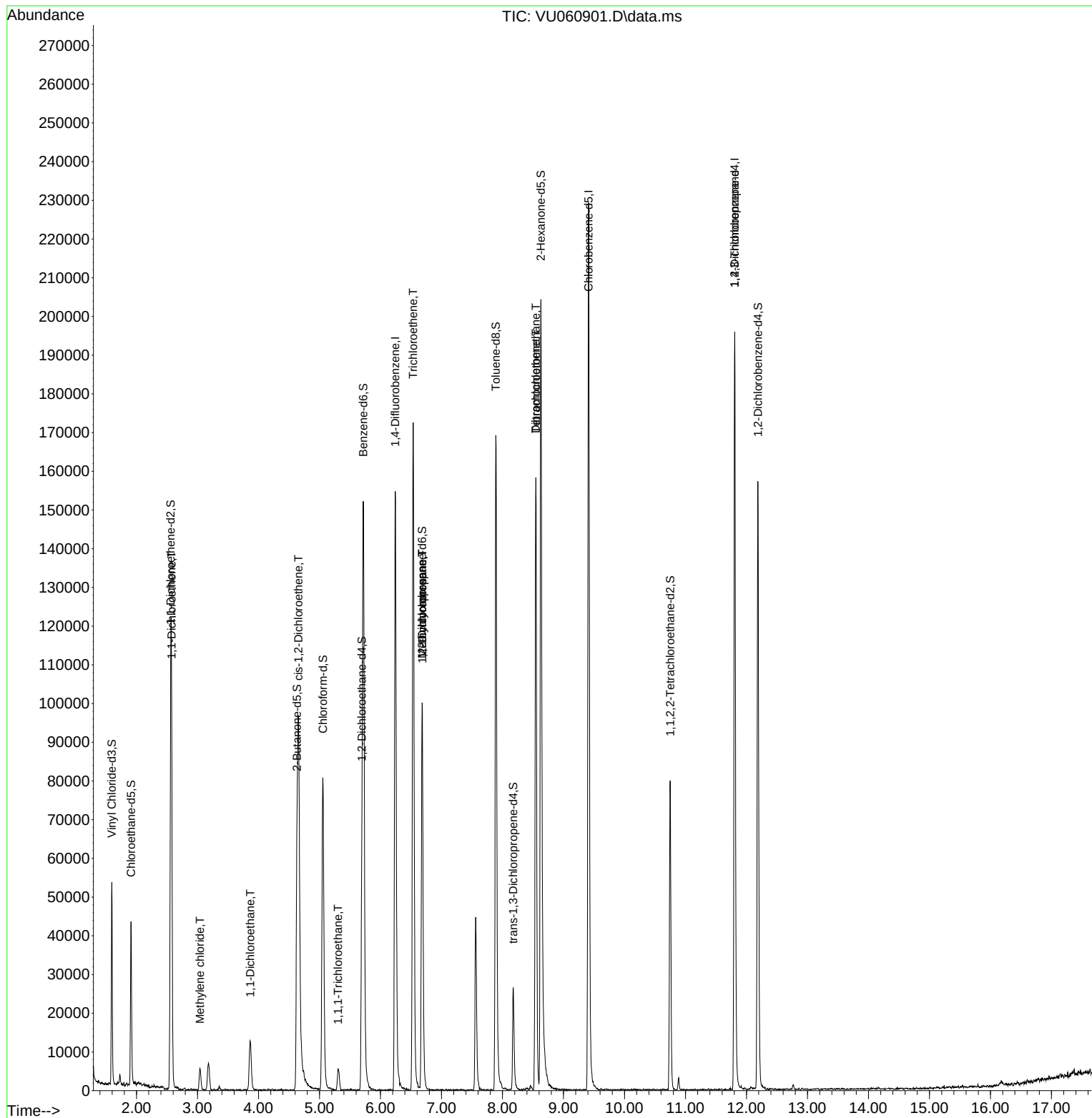
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	133867	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	143925	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	59164	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	36231	3.009	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.200%
7) Chloroethane-d5	1.911	69	32106	3.745	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.560	65	15195	3.561	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	4.631	46	92081	47.638	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.280%
24) Chloroform-d	5.055	84	81083	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.695	65	42499	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.717	84	146344	3.794	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
36) 1,2-Dichloropropane-d6	6.682	67	50002	4.189	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.891	98	121555	3.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.200%#
43) trans-1,3-Dichloroprop...	8.174	79	17233	4.011	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.627	63	75199	44.372	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.740%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	41540	4.443	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	48319	4.860	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	24994	2.968	ug/L	94
16) Methylene chloride	3.039	84	2662	0.273	ug/L	94
19) 1,1-Dichloroethane	3.865	63	16649	0.950	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	37443	3.877	ug/L	89
29) 1,1,1-Trichloroethane	5.306	97	5038	0.324	ug/L #	80
34) Trichloroethene	6.534	95	62740	6.048	ug/L	96
35) Methylcyclohexane	6.682	83	12763	0.897	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	4982	0.457	ug/L #	93
47) Tetrachloroethene	8.547	164	38701	4.694	ug/L	99
49) Dibromochloromethane	8.547	129	35737	3.988	ug/L #	9
61) 1,2,3-Trichloropropane	11.807	75	6431	1.165	ug/L #	64

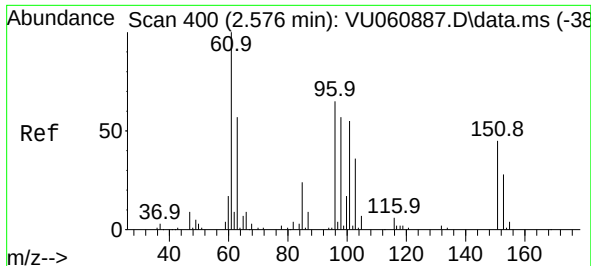
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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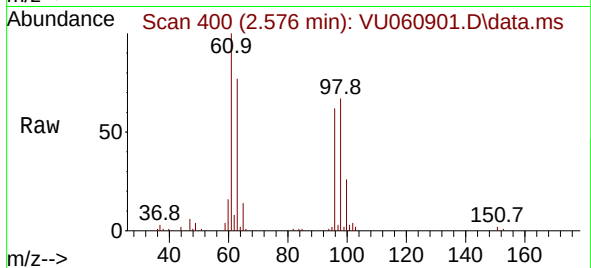
Quant Time: Sep 19 23:58:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
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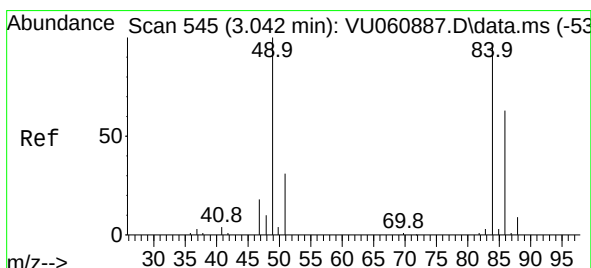
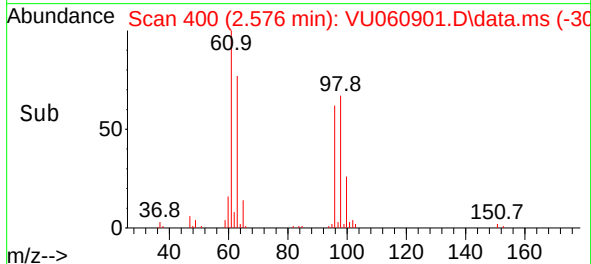
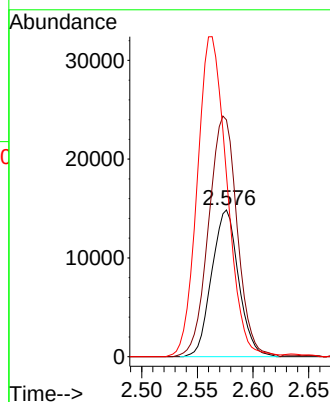
#12
1,1-Dichloroethene
Concen: 2.968 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU060901.D
Acq: 19 Sep 2024 16:18

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 24994

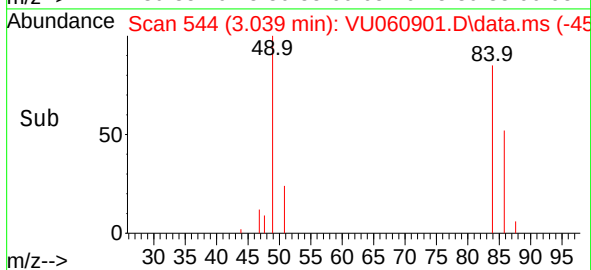
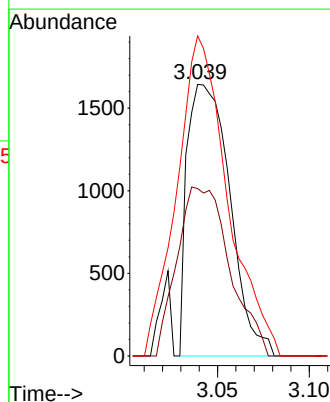
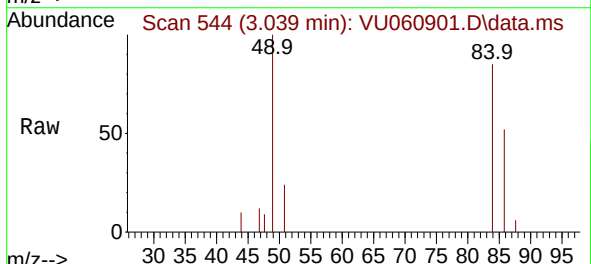
Ion	Ratio	Lower	Upper
96	100		
61	161.4	120.7	224.1
63	124.0	90.0	167.2

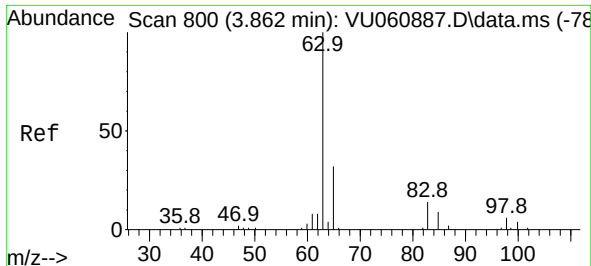


#16
Methylene chloride
Concen: 0.273 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU060901.D
Acq: 19 Sep 2024 16:18

Tgt Ion: 84 Resp: 2662

Ion	Ratio	Lower	Upper
84	100		
86	61.6	47.3	87.8
49	117.8	78.7	146.1





#19

1,1-Dichloroethane

Concen: 0.950 ug/L

RT: 3.865 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU060901.D

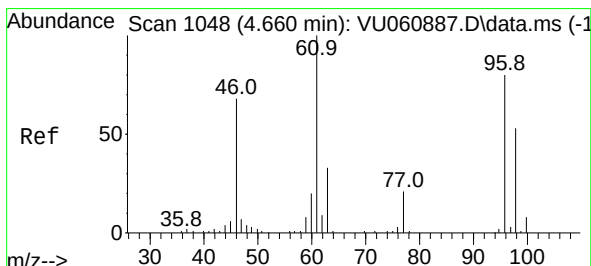
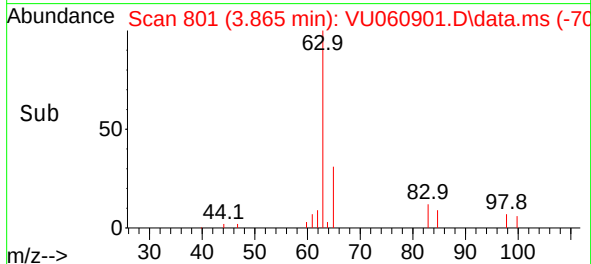
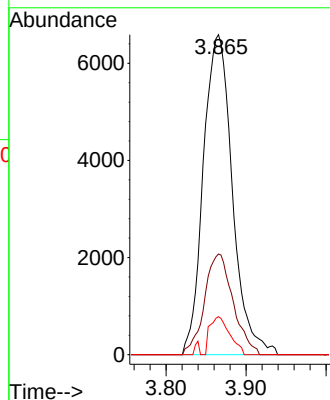
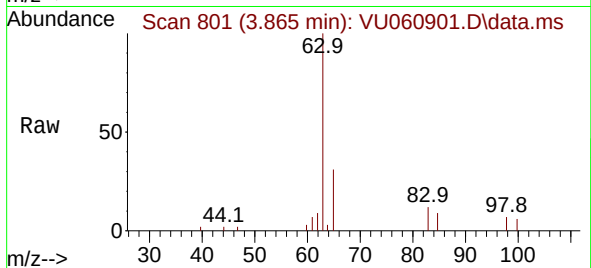
Acq: 19 Sep 2024 16:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 16649
Ion Ratio	Lower Upper
63	100
65	30.5 23.0 42.8
83	11.5 9.0 16.6



#22

cis-1,2-Dichloroethene

Concen: 3.877 ug/L

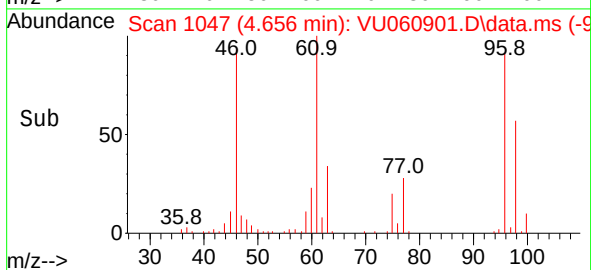
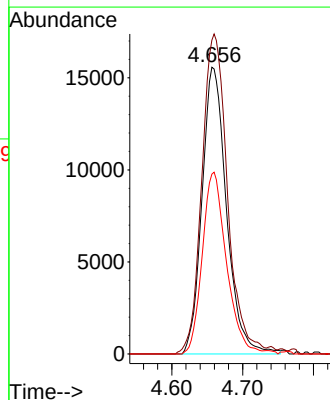
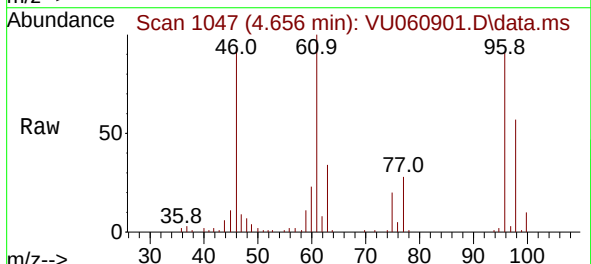
RT: 4.656 min Scan# 1047

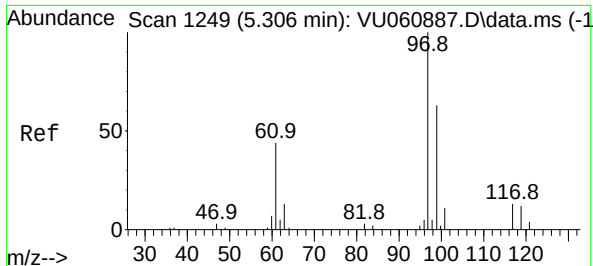
Delta R.T. -0.003 min

Lab File: VU060901.D

Acq: 19 Sep 2024 16:18

Tgt Ion: 96	Resp: 37443
Ion Ratio	Lower Upper
96	100
61	109.5 89.7 166.5
98	62.8 45.1 83.9

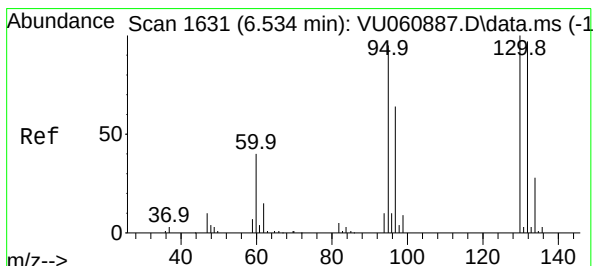
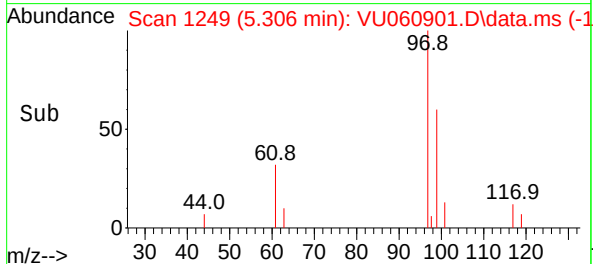
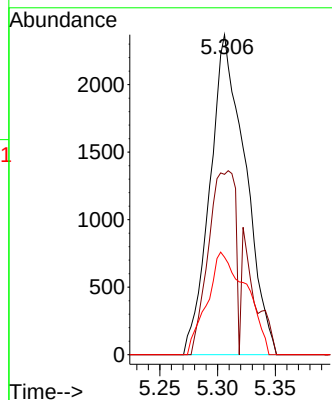
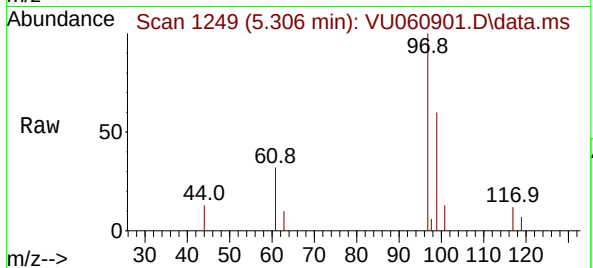




#29
1,1,1-Trichloroethane
Concen: 0.324 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU060901.D
Acq: 19 Sep 2024 16:18

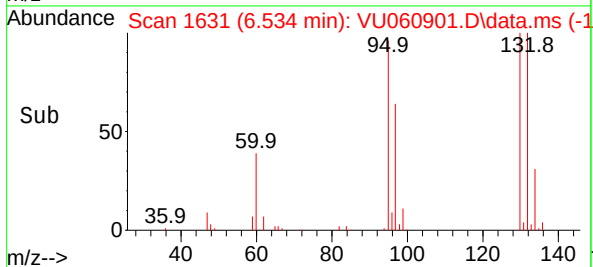
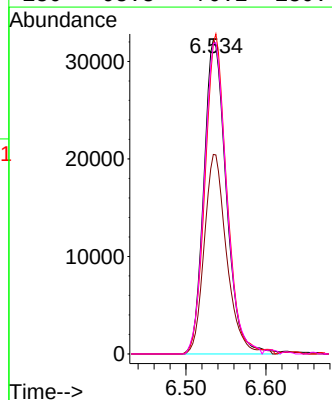
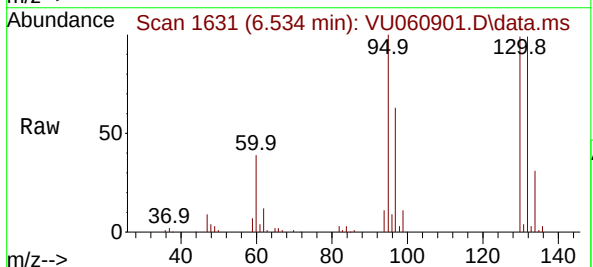
Instrument :
MSVOA_U
ClientSampleId :

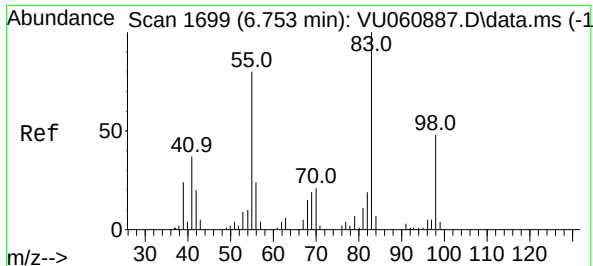
Tgt Ion: 97 Resp: 5038
Ion Ratio Lower Upper
97 100
99 43.6 50.5 75.7#
61 35.5 34.4 51.6



#34
Trichloroethene
Concen: 6.048 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU060901.D
Acq: 19 Sep 2024 16:18

Tgt Ion: 95 Resp: 62740
Ion Ratio Lower Upper
95 100
97 63.5 44.9 83.5
132 98.8 63.5 117.9
130 98.8 70.2 130.4

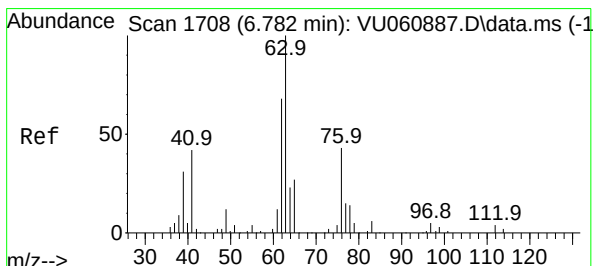
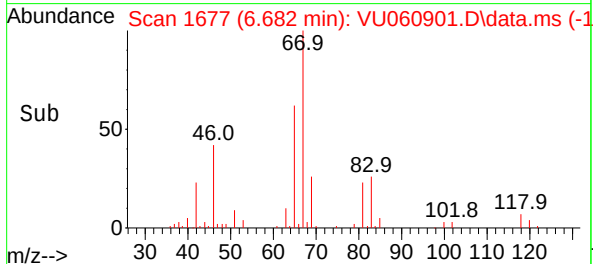
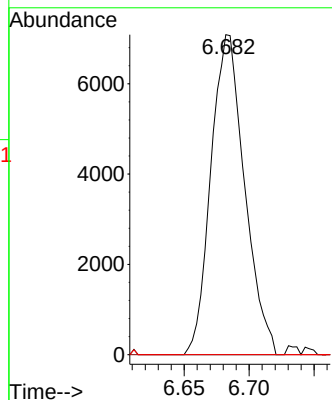
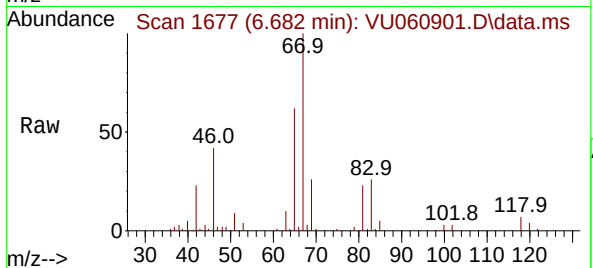




#35
Methylcyclohexane
Concen: 0.897 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU060901.D
Acq: 19 Sep 2024 16:18

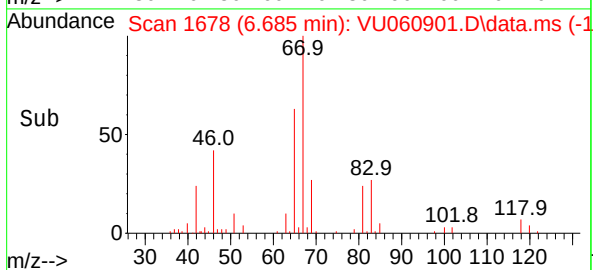
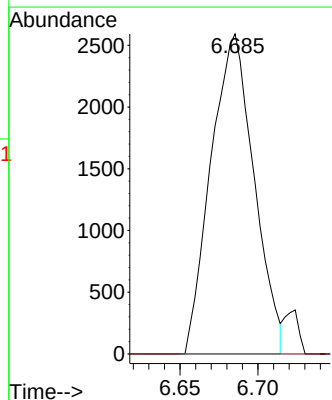
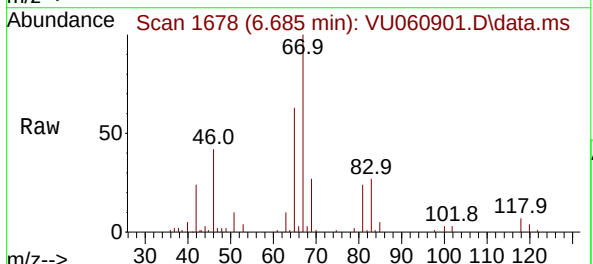
Instrument :
MSVOA_U
ClientSampleId :

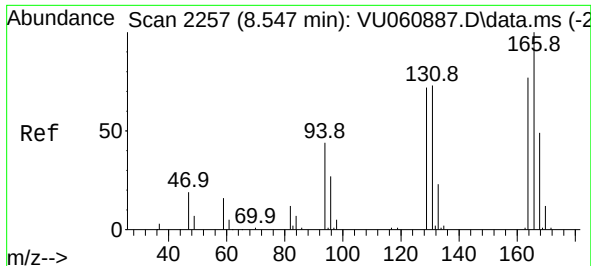
Tgt Ion: 83 Resp: 12763
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.0 37.6 56.4#



#37
1,2-Dichloropropane
Concen: 0.457 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.096 min
Lab File: VU060901.D
Acq: 19 Sep 2024 16:18

Tgt Ion: 63 Resp: 4982
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#





#47

Tetrachloroethene

Concen: 4.694 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

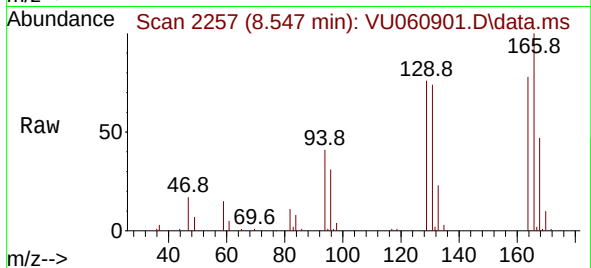
Lab File: VU060901.D

Acq: 19 Sep 2024 16:18

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 38701

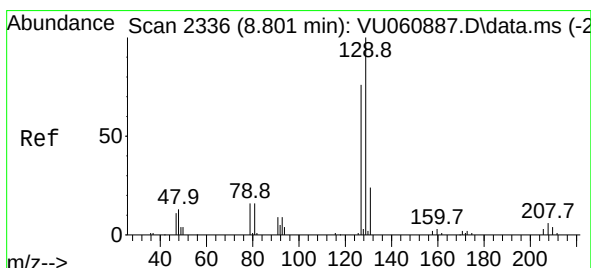
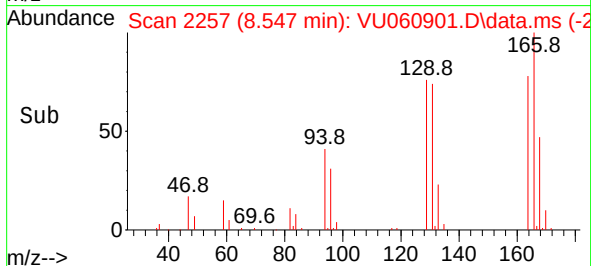
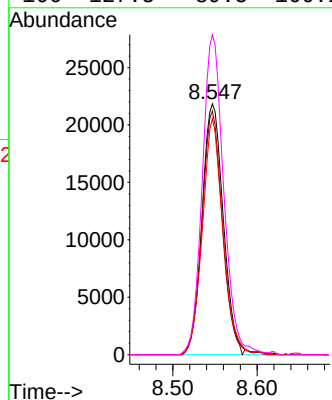
Ion Ratio Lower Upper

164 100

129 97.1 67.3 124.9

131 94.2 65.4 121.4

166 127.5 89.5 166.1



#49

Dibromochloromethane

Concen: 3.988 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU060901.D

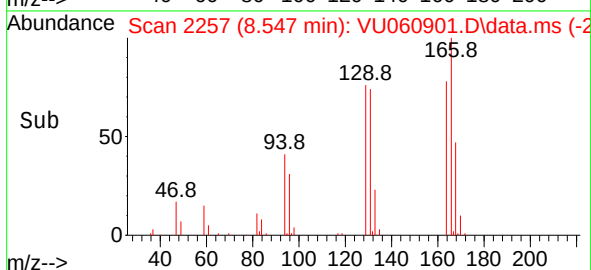
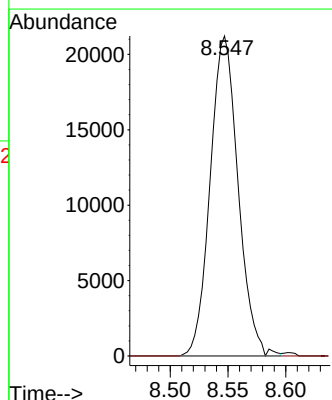
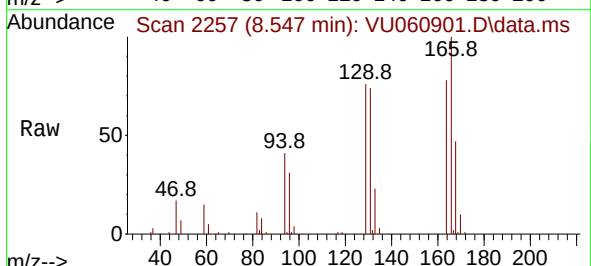
Acq: 19 Sep 2024 16:18

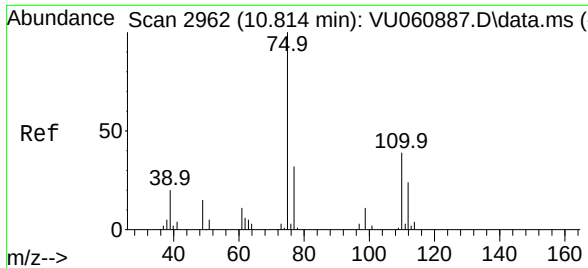
Tgt Ion:129 Resp: 35737

Ion Ratio Lower Upper

129 100

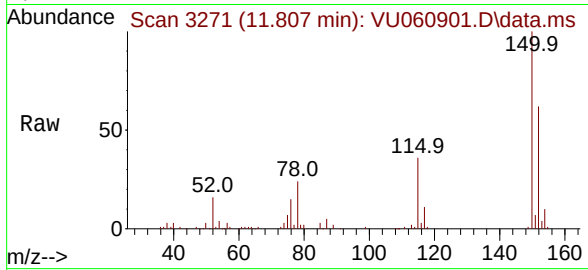
127 0.0 56.1 104.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.165 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU060901.D
 Acq: 19 Sep 2024 16:18

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6431
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.6 43.0#
 77 27.4 26.3 39.5

