

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092324\
 Data File : VU060976.D
 Acq On : 23 Sep 2024 16:03
 Operator : MD/SY
 Sample : P4092-01DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 06:10:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 24 06:06:45 2024
 Response via : Initial Calibration

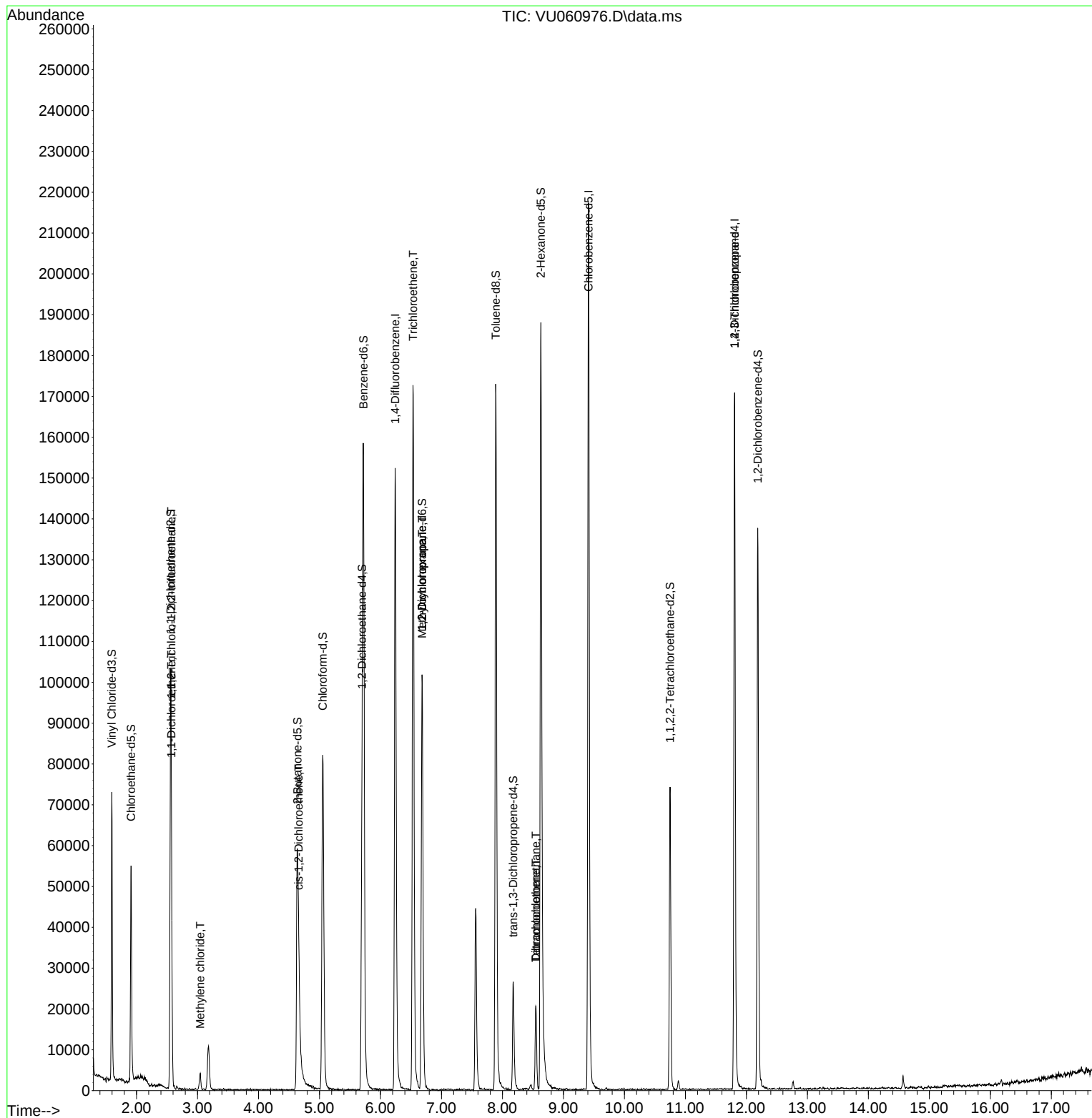
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	130287	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	135644	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	50427	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49760	4.246	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.911	69	39933	4.786	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.560	65	17973	4.327	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.637	46	87971	46.762	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.520%
24) Chloroform-d	5.055	84	81187	4.532	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.698	65	42471	4.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.721	84	157591	4.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.682	67	53527	4.759	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.891	98	128351	3.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
43) trans-1,3-Dichloroprop...	8.177	79	18133	4.478	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.630	63	71124	44.530	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.060%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	40337	4.577	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	41905	4.946	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	3002	0.335	ug/L #	81
12) 1,1-Dichloroethene	2.573	96	5390	0.658	ug/L #	1
16) Methylene chloride	3.046	84	1914	0.202	ug/L	90
22) cis-1,2-Dichloroethene	4.660	96	4257	0.453	ug/L	85
34) Trichloroethene	6.534	95	62583	6.401	ug/L	98
35) Methylcyclohexane	6.685	83	12503	0.932	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	4876	0.474	ug/L #	93
47) Tetrachloroethene	8.550	164	5252	0.676	ug/L	97
49) Dibromochloromethane	8.547	129	5014	0.594	ug/L #	9
61) 1,2,3-Trichloropropane	11.807	75	5901	1.255	ug/L #	68

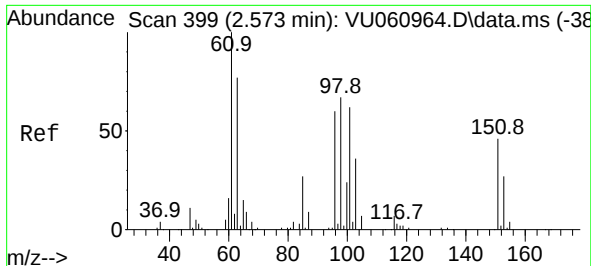
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Sep 24 06:06:45 2024
Response via : Initial Calibration

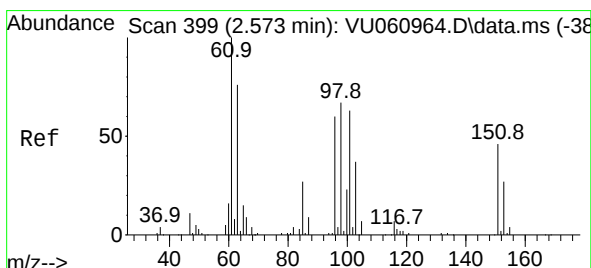
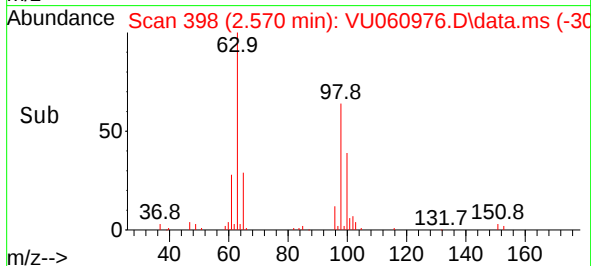
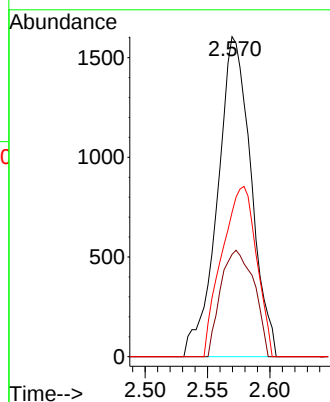
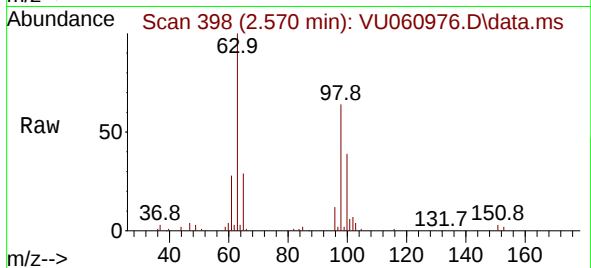




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.335 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.003 min
 Lab File: VU060976.D
 Acq: 23 Sep 2024 16:03

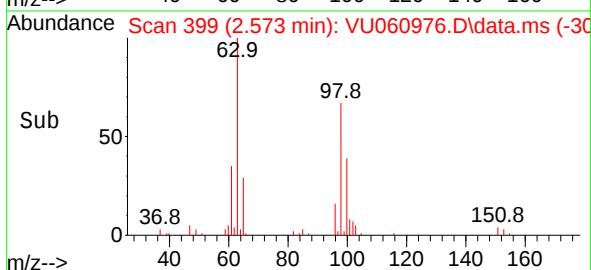
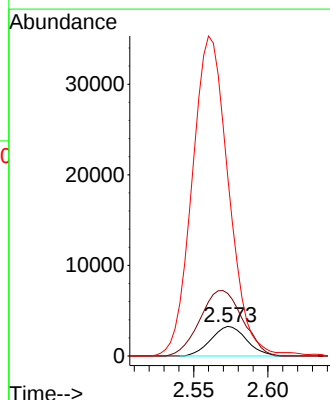
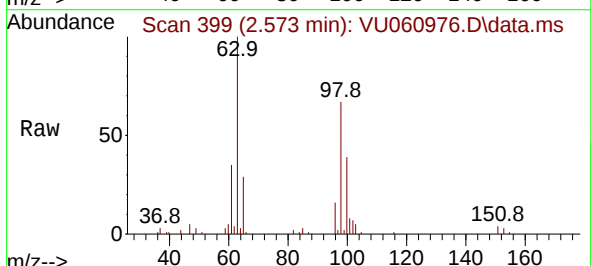
Instrument :
 MSVOA_U
 ClientSampleId :

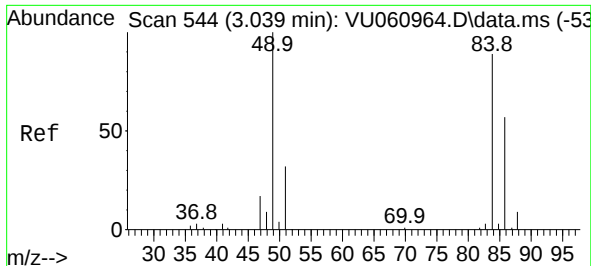
Tgt Ion:101 Resp: 3002
 Ion Ratio Lower Upper
 101 100
 85 33.1 34.2 51.4#
 151 54.8 58.6 88.0#



#12
 1,1-Dichloroethene
 Concen: 0.658 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU060976.D
 Acq: 23 Sep 2024 16:03

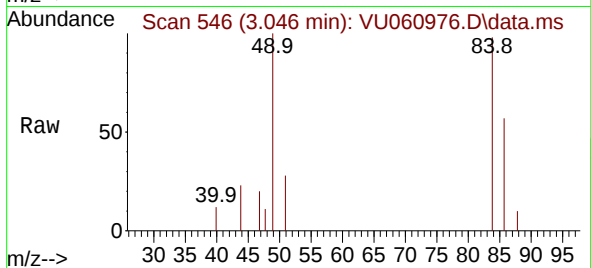
Tgt Ion: 96 Resp: 5390
 Ion Ratio Lower Upper
 96 100
 61 212.0 120.7 224.1
 63 608.3 90.0 167.2#



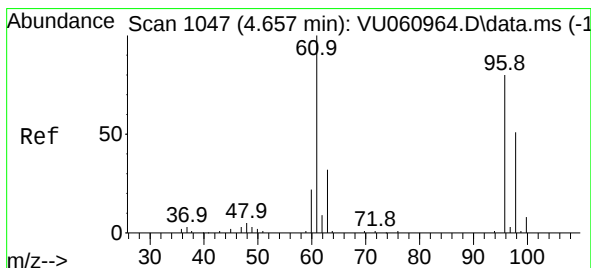
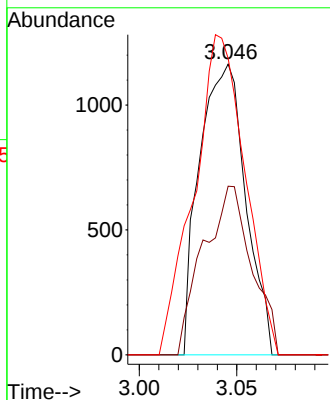
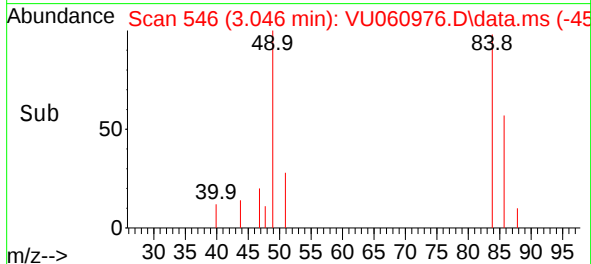


#16
Methylene chloride
Concen: 0.202 ug/L
RT: 3.046 min Scan# 544
Delta R.T. 0.006 min
Lab File: VU060976.D
Acq: 23 Sep 2024 16:03

Instrument :
MSVOA_U
ClientSampleId :

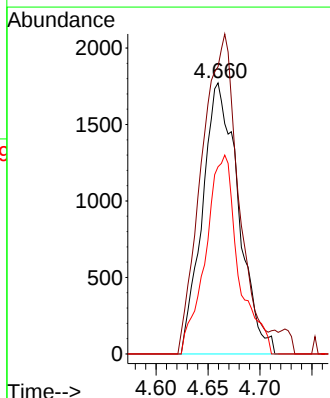
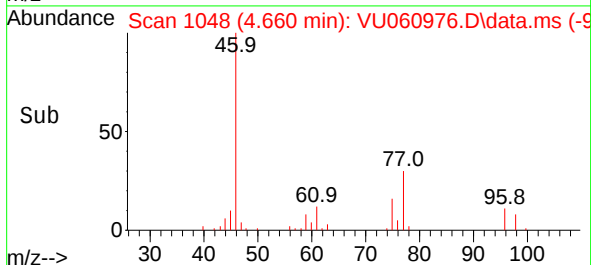
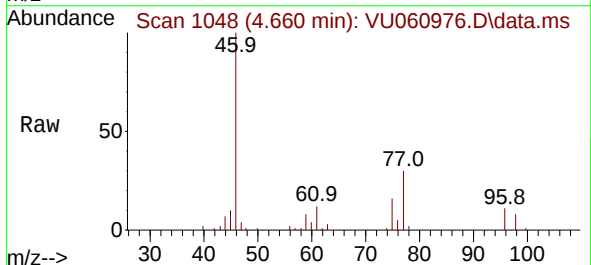


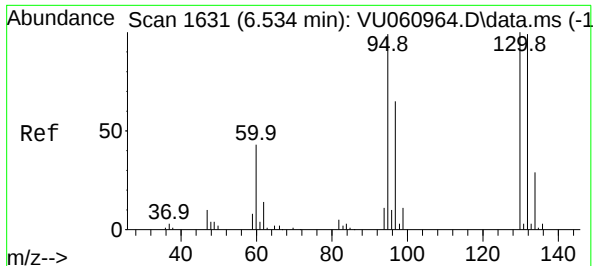
Tgt Ion: 84 Resp: 1914
Ion Ratio Lower Upper
84 100
86 58.0 47.3 87.8
49 102.1 78.7 146.1



#22
cis-1,2-Dichloroethene
Concen: 0.453 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU060976.D
Acq: 23 Sep 2024 16:03

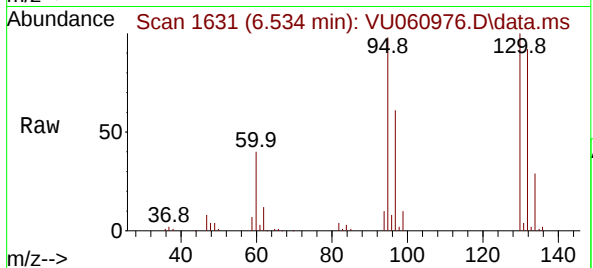
Tgt Ion: 96 Resp: 4257
Ion Ratio Lower Upper
96 100
61 106.0 89.7 166.5
98 69.1 45.1 83.9





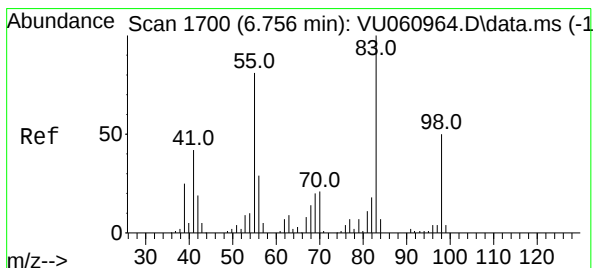
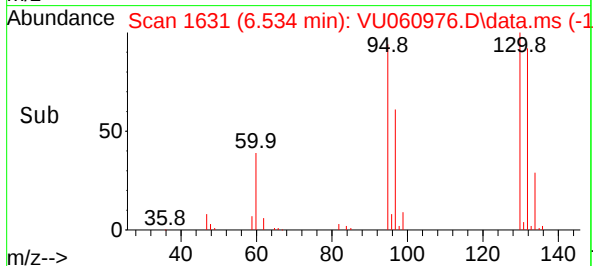
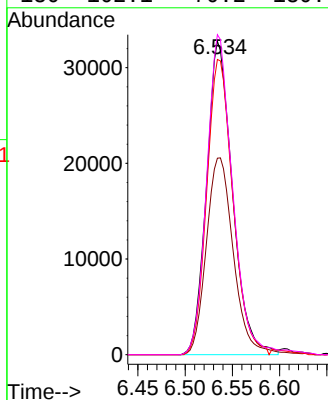
#34
Trichloroethene
Concen: 6.401 ug/L
RT: 6.534 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VU060976.D
Acq: 23 Sep 2024 16:03

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 62583

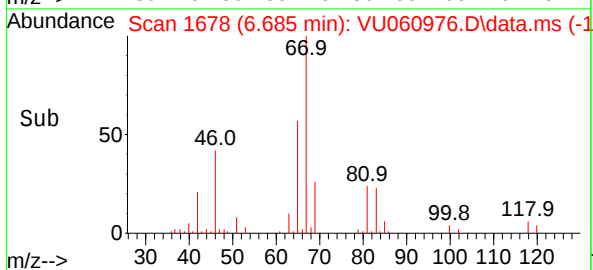
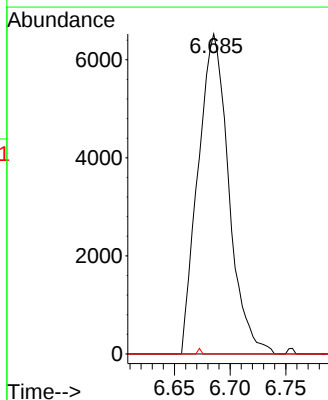
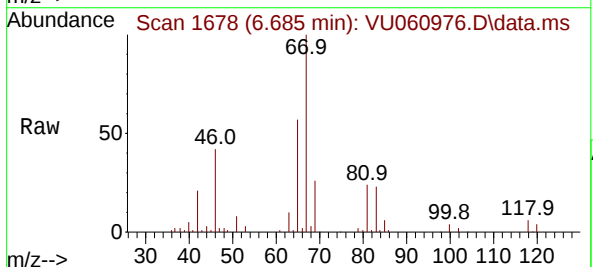
Ion	Ratio	Lower	Upper
95	100		
97	62.7	44.9	83.5
132	94.1	63.5	117.9
130	102.1	70.2	130.4

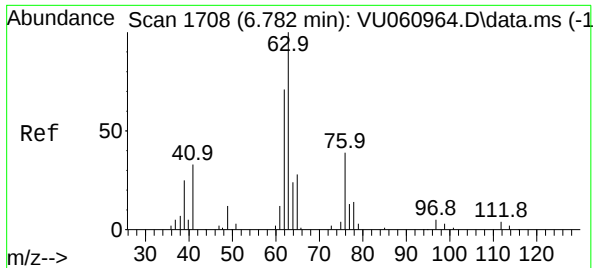


#35
Methylcyclohexane
Concen: 0.932 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU060976.D
Acq: 23 Sep 2024 16:03

Tgt Ion: 83 Resp: 12503

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	0.0	37.6	56.4#

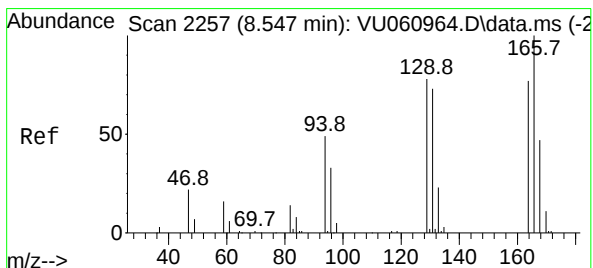
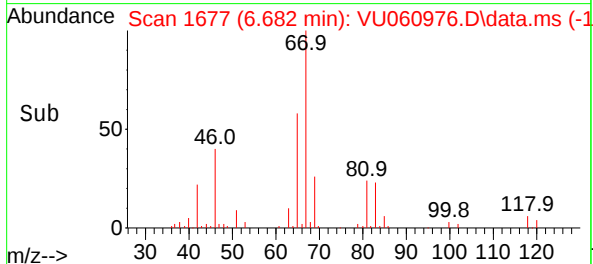
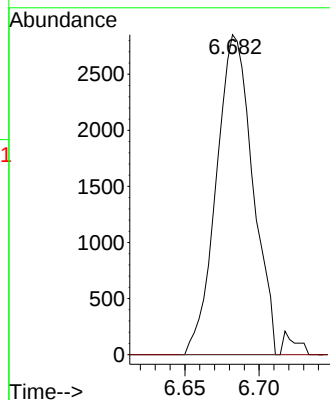
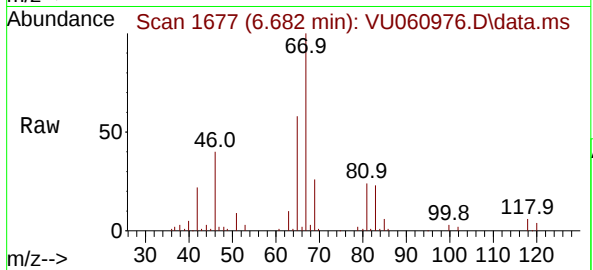




#37
1,2-Dichloropropane
Concen: 0.474 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU060976.D
Acq: 23 Sep 2024 16:03

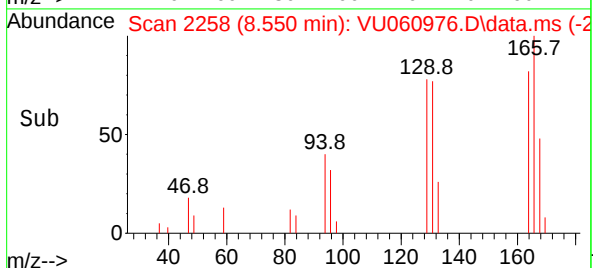
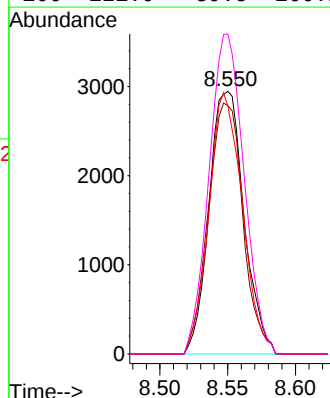
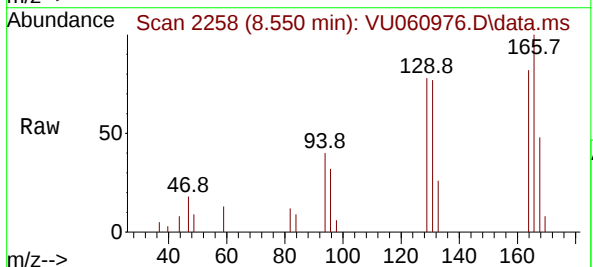
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MSVOA_U
ClientSampleId :

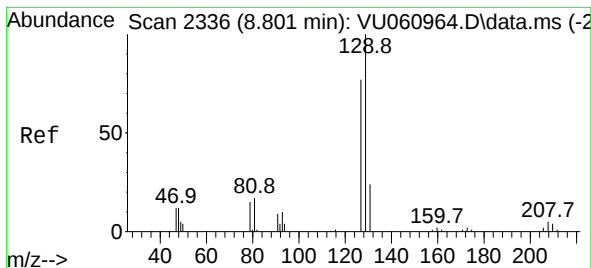
Tgt Ion: 63 Resp: 4876
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#47
Tetrachloroethene
Concen: 0.676 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU060976.D
Acq: 23 Sep 2024 16:03

Tgt Ion:164 Resp: 5252
Ion Ratio Lower Upper
164 100
129 94.5 67.3 124.9
131 94.4 65.4 121.4
166 121.9 89.5 166.1





#49

Dibromochloromethane

Concen: 0.594 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU060976.D

Acq: 23 Sep 2024 16:03

Instrument :

MSVOA_U

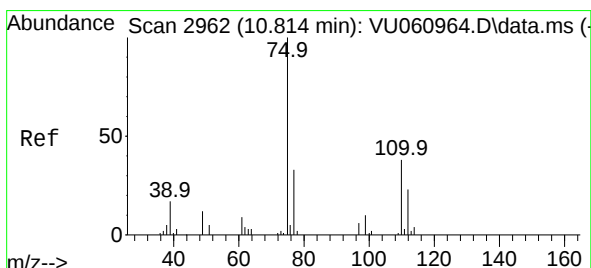
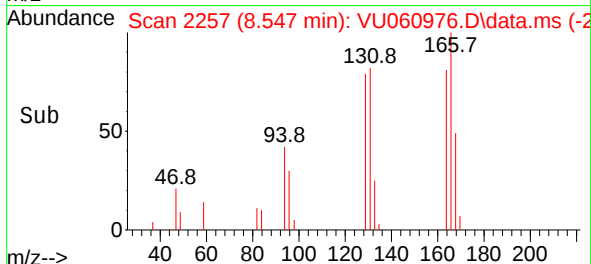
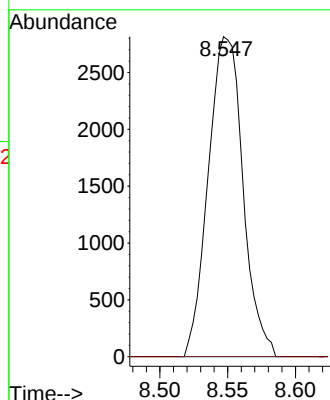
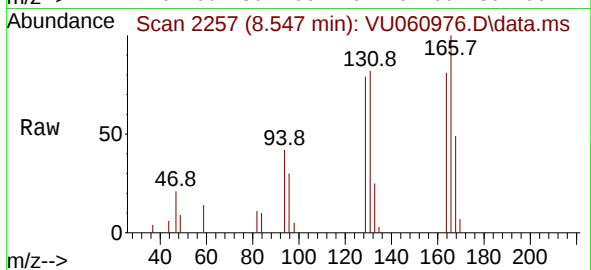
ClientSampleId :

Tgt Ion:129 Resp: 5014

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.1#



#61

1,2,3-Trichloropropane

Concen: 1.255 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.993 min

Lab File: VU060976.D

Acq: 23 Sep 2024 16:03

Tgt Ion: 75 Resp: 5901

Ion Ratio Lower Upper

75 100

110 0.0 28.6 43.0#

77 32.5 26.3 39.5

