

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060924.D
 Acq On : 20 Sep 2024 04:14
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 20 05:58:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 01:34:14 2024
 Response via : Initial Calibration

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

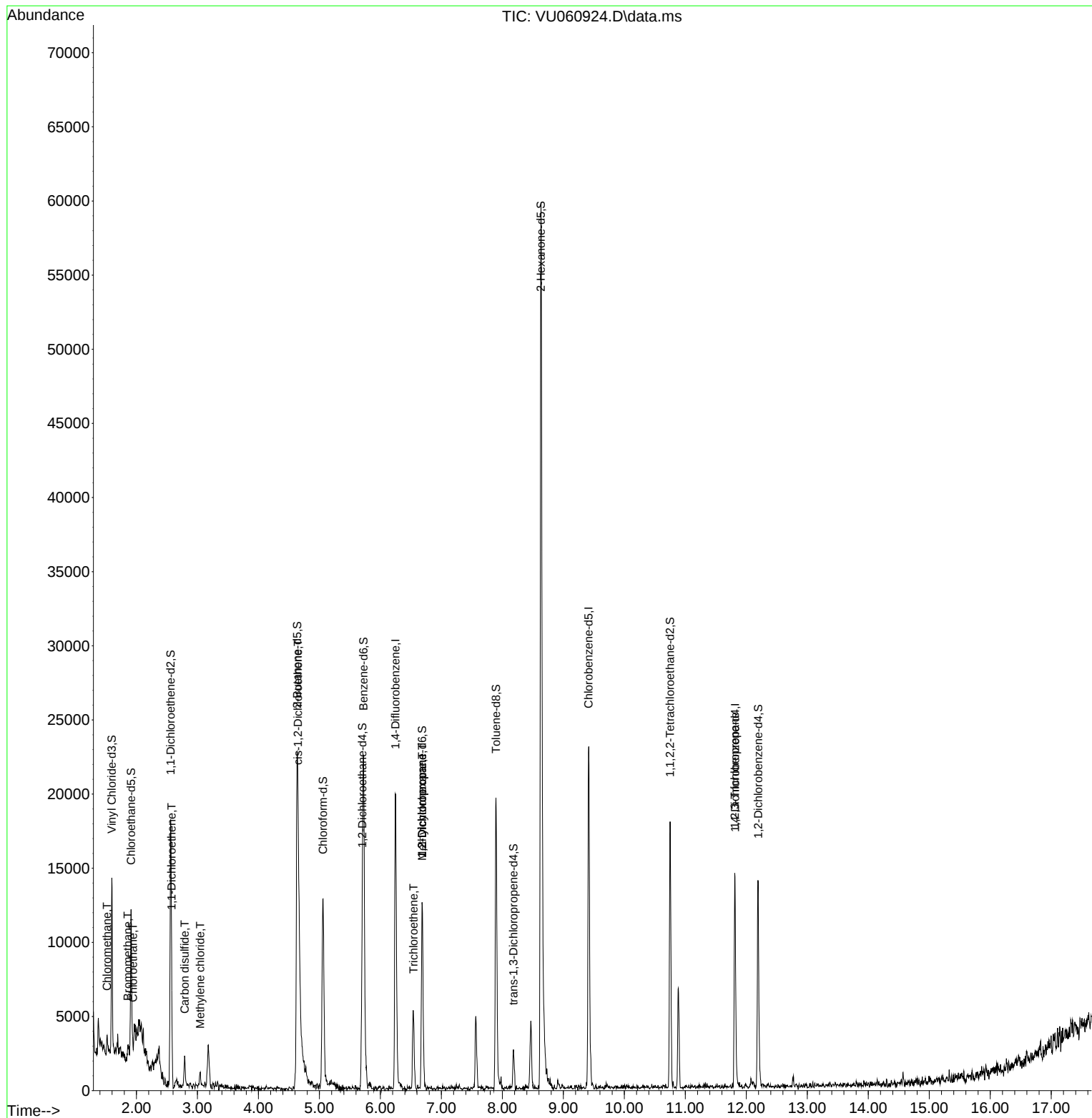
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	19275	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	16067	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	4951	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	7971	4.598	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.911	69	6553	5.309	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.200%
11) 1,1-Dichloroethene-d2	2.560	65	3372	5.488	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.800%
20) 2-Butanone-d5	4.634	46	36536	131.275	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	262.560%#
24) Chloroform-d	5.059	84	13038	4.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.702	65	7180	5.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.400%
32) Benzene-d6	5.721	84	21917	5.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.682	67	6487	4.869	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.894	98	15515	3.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	8.181	79	1698	3.540	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.800%
46) 2-Hexanone-d5	8.631	63	23069	121.935	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	243.880%#
56) 1,1,2,2-Tetrachloroeth...	10.750	84	9587	9.184	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	183.600%#
66) 1,2-Dichlorobenzene-d4	12.193	152	4387	5.273	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						Qvalue
3) Chloromethane	1.519	50	1208	0.786	ug/L	96
6) Bromomethane	1.856	94	405	0.381	ug/L	90
8) Chloroethane	1.943	64	246	0.242	ug/L #	43
12) 1,1-Dichloroethene	2.576	96	698	0.576	ug/L #	1
14) Carbon disulfide	2.792	76	2898	0.862	ug/L	95
16) Methylene chloride	3.043	84	369	0.263	ug/L #	68
22) cis-1,2-Dichloroethene	4.650	96	342	0.246	ug/L	83
34) Trichloroethene	6.544	95	2354	2.033	ug/L	81
35) Methylcyclohexane	6.686	83	1555	0.979	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	667	0.548	ug/L #	93
61) 1,2,3-Trichloropropane	11.811	75	414	0.897	ug/L #	66

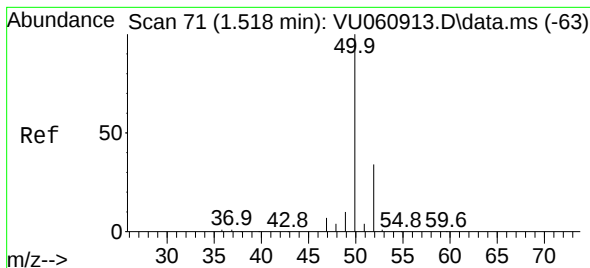
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.786 ug/L

RT: 1.519 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU060924.D

Acq: 20 Sep 2024 04:14

Instrument :

MSVOA_U

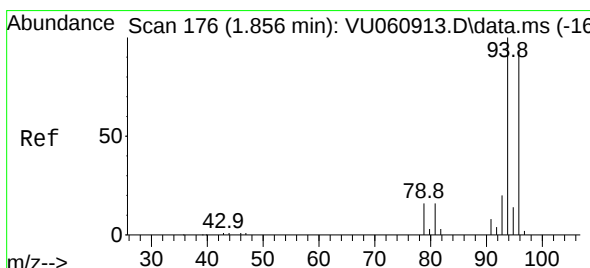
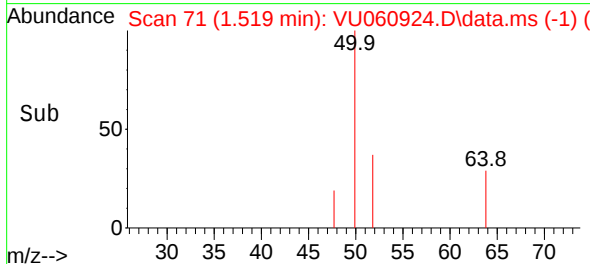
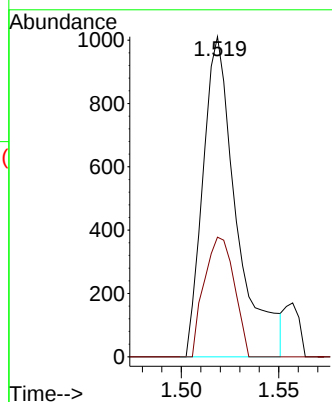
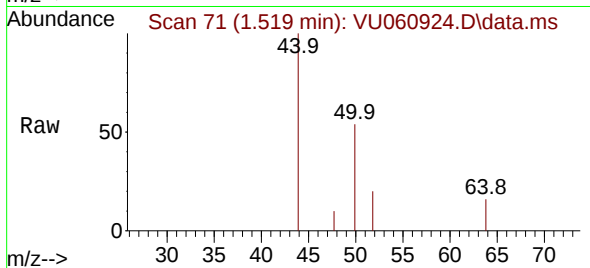
ClientSampleId :

Tgt Ion: 50 Resp: 1208

Ion Ratio Lower Upper

50 100

52 37.4 24.4 45.4



#6

Bromomethane

Concen: 0.381 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU060924.D

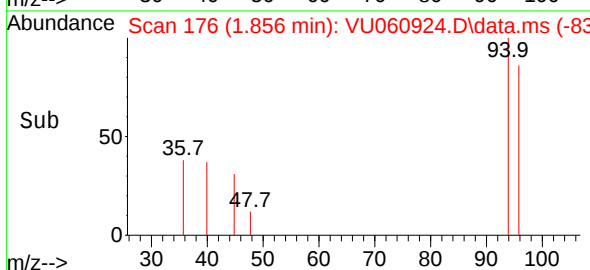
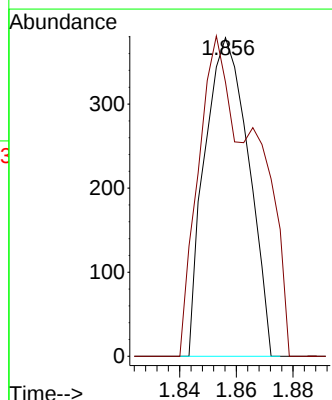
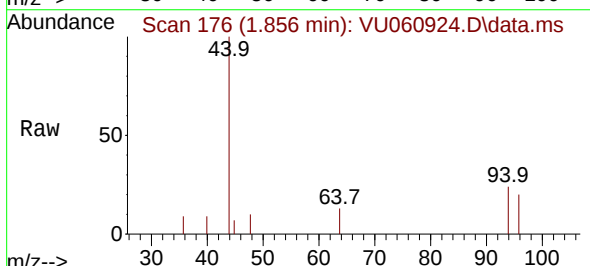
Acq: 20 Sep 2024 04:14

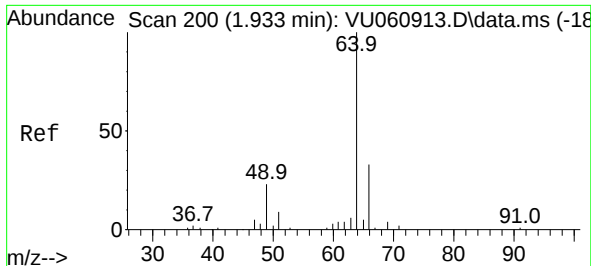
Tgt Ion: 94 Resp: 405

Ion Ratio Lower Upper

94 100

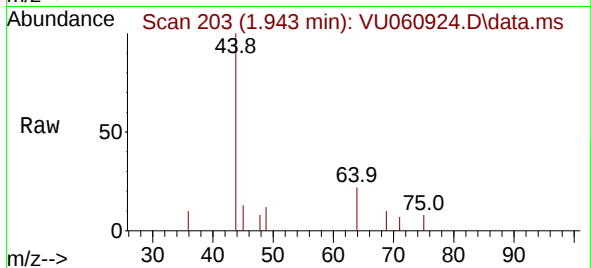
96 86.0 67.3 124.9



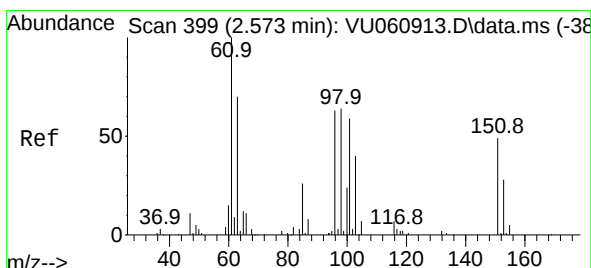
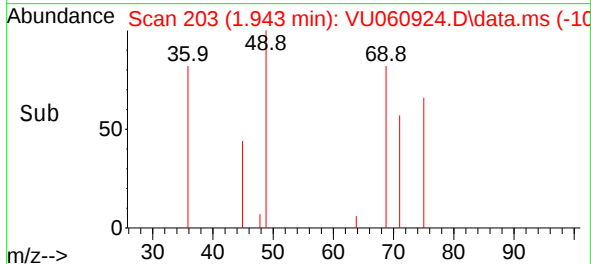
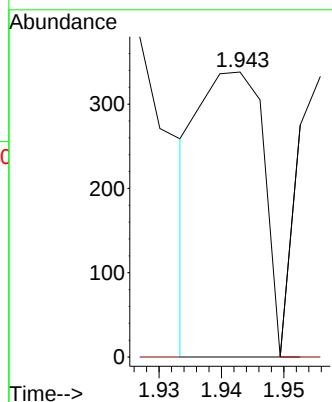


#8
Chloroethane
Concen: 0.242 ug/L
RT: 1.943 min Scan# 200
Delta R.T. 0.010 min
Lab File: VU060924.D
Acq: 20 Sep 2024 04:14

Instrument :
MSVOA_U
ClientSampleId :

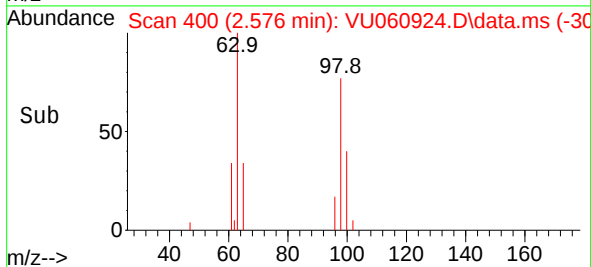
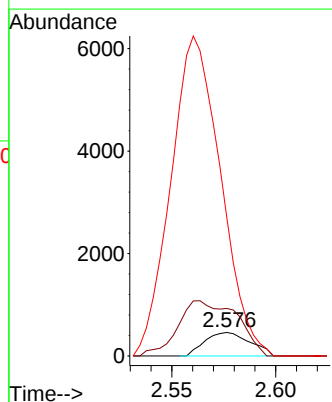
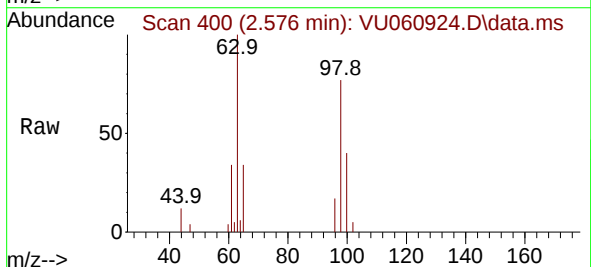


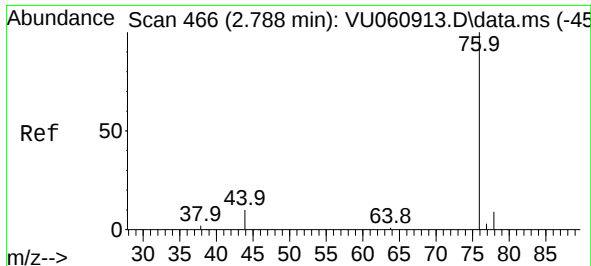
Tgt Ion: 64 Resp: 246
Ion Ratio Lower Upper
64 100
66 0.0 22.3 41.3#



#12
1,1-Dichloroethene
Concen: 0.576 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU060924.D
Acq: 20 Sep 2024 04:14

Tgt Ion: 96 Resp: 698
Ion Ratio Lower Upper
96 100
61 201.1 120.7 224.1
63 587.4 90.0 167.2#

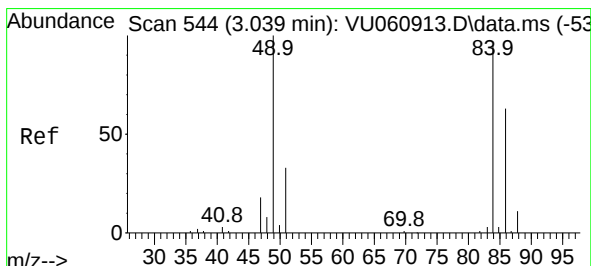
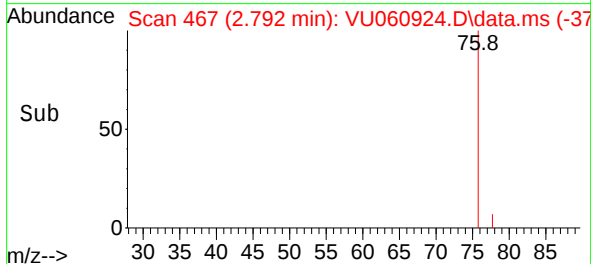
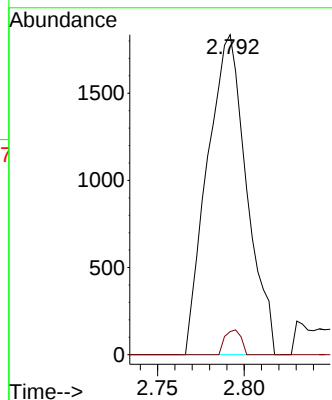
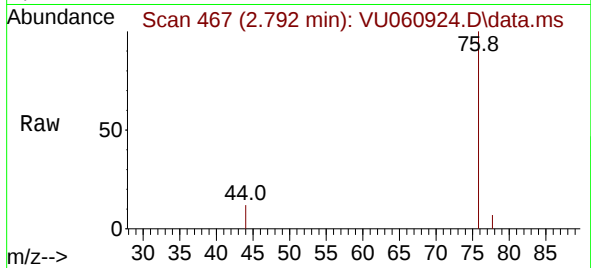




#14
Carbon disulfide
Concen: 0.862 ug/L
RT: 2.792 min Scan# 467
Delta R.T. 0.003 min
Lab File: VU060924.D
Acq: 20 Sep 2024 04:14

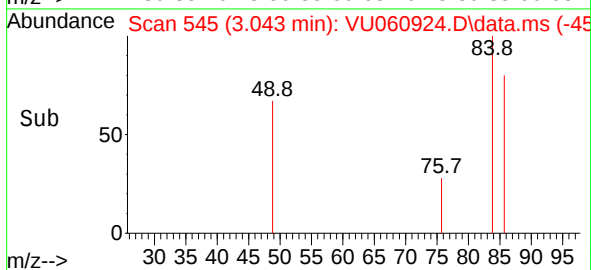
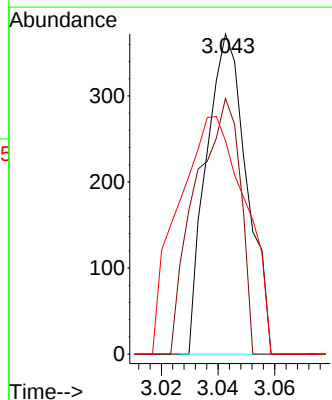
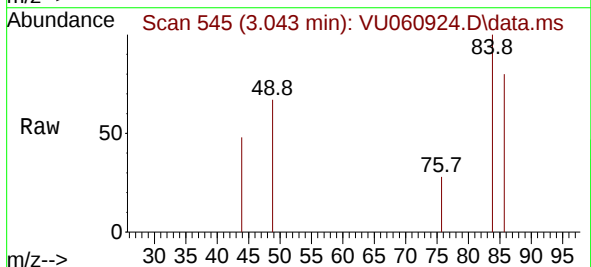
Instrument :
MSVOA_U
ClientSampleId :

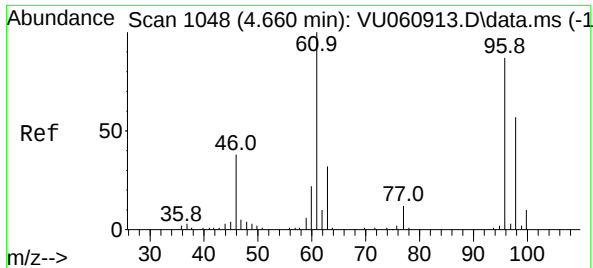
Tgt Ion: 76 Resp: 2898
Ion Ratio Lower Upper
76 100
78 7.2 7.1 10.7



#16
Methylene chloride
Concen: 0.263 ug/L
RT: 3.043 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU060924.D
Acq: 20 Sep 2024 04:14

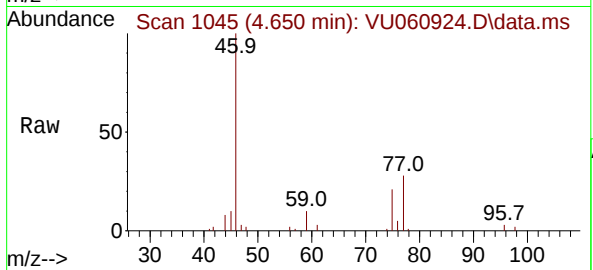
Tgt Ion: 84 Resp: 369
Ion Ratio Lower Upper
84 100
86 79.8 47.3 87.8
49 66.7 78.7 146.1#



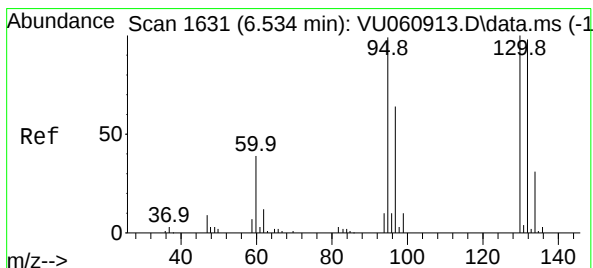
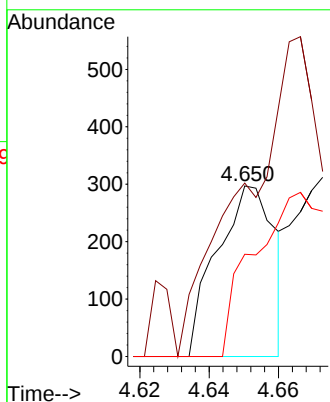
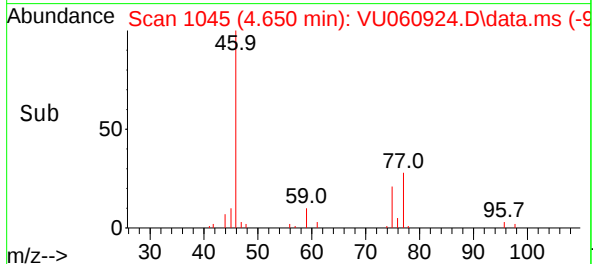


#22
cis-1,2-Dichloroethene
Concen: 0.246 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. -0.010 min
Lab File: VU060924.D
Acq: 20 Sep 2024 04:14

Instrument :
MSVOA_U
ClientSampleId :

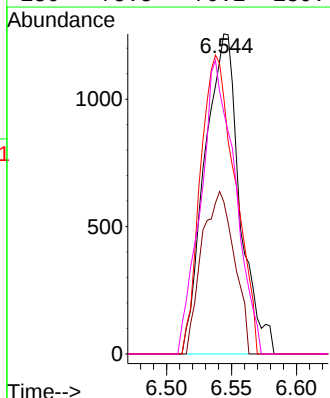
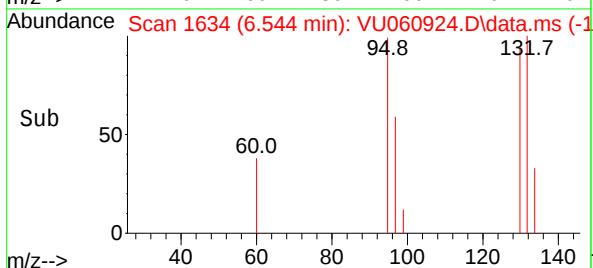
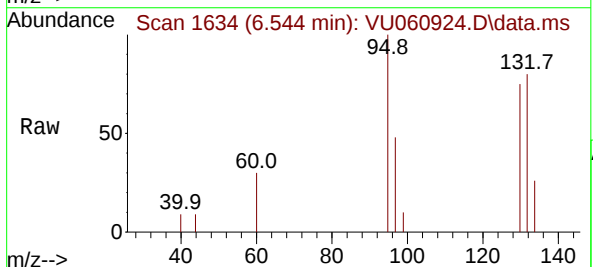


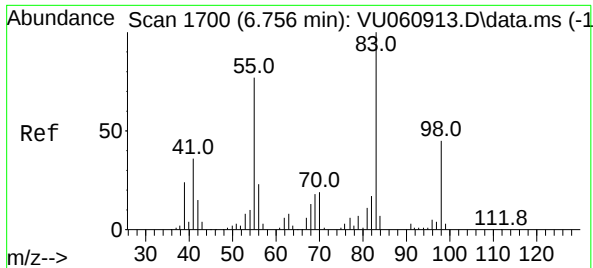
Tgt Ion: 96	Resp: 342		
Ion Ratio	Lower	Upper	
96	100		
61	101.7	89.7	166.5
98	59.9	45.1	83.9



#34
Trichloroethene
Concen: 2.033 ug/L
RT: 6.544 min Scan# 1634
Delta R.T. 0.010 min
Lab File: VU060924.D
Acq: 20 Sep 2024 04:14

Tgt Ion: 95	Resp: 2354
Ion Ratio	Lower Upper
95 100	
97 47.5	44.9 83.5
132 80.1	63.5 117.9
130 75.5	70.2 130.4

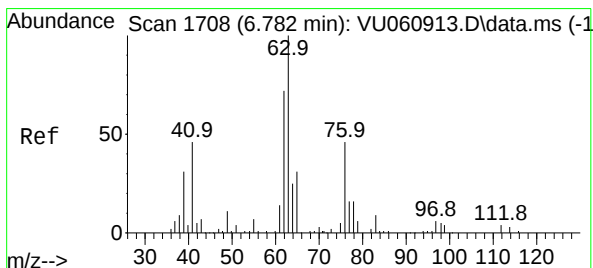
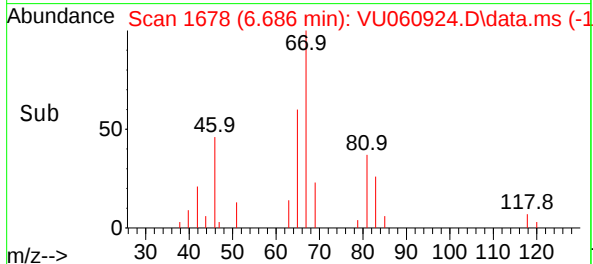
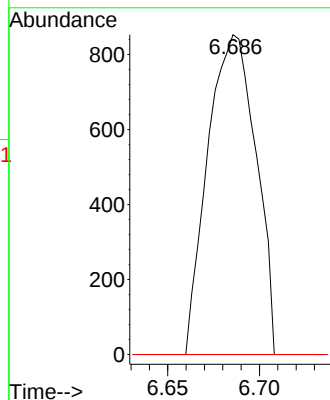
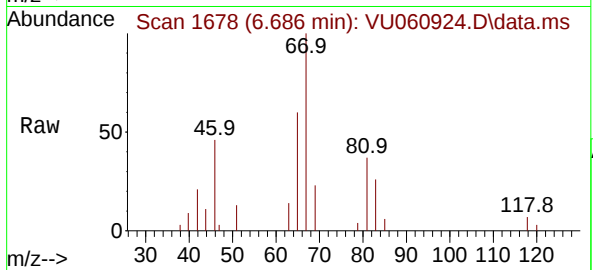




#35
Methylcyclohexane
Concen: 0.979 ug/L
RT: 6.686 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU060924.D
Acq: 20 Sep 2024 04:14

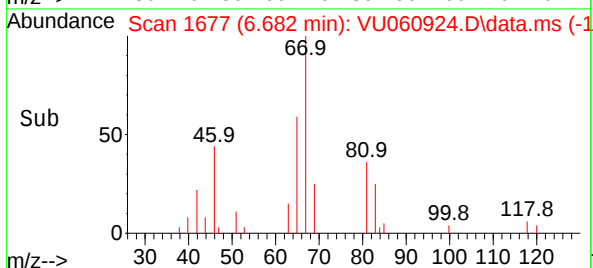
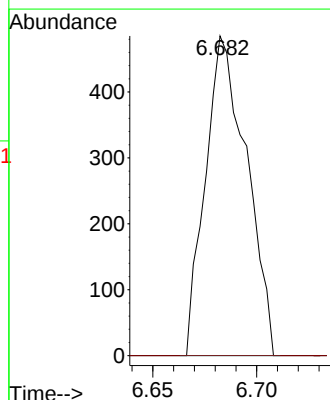
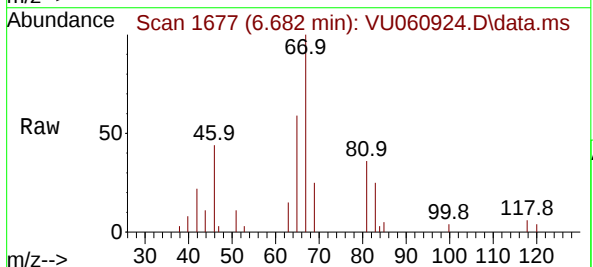
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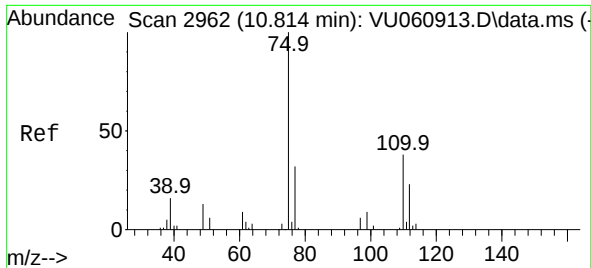
Tgt Ion: 83 Resp: 1555
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.0 37.6 56.4#



#37
1,2-Dichloropropane
Concen: 0.548 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU060924.D
Acq: 20 Sep 2024 04:14

Tgt Ion: 63 Resp: 667
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#





#61

1,2,3-Trichloropropane

Concen: 0.897 ug/L

RT: 11.811 min Scan# 31

Delta R.T. 0.997 min

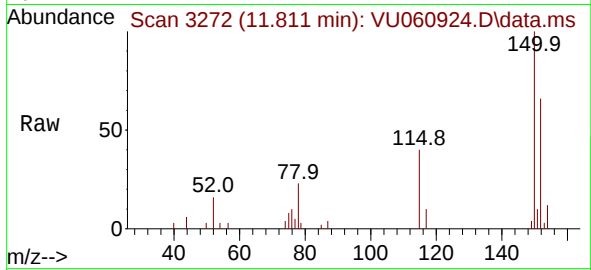
Lab File: VU060924.D

Acq: 20 Sep 2024 04:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 414

Ion Ratio Lower Upper

75 100

110 0.0 28.6 43.0#

77 35.5 26.3 39.5

