

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092624\
 Data File : VU061016.D
 Acq On : 26 Sep 2024 13:27
 Operator : MD/SY
 Sample : P4186-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 04:52:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 27 04:49:19 2024
 Response via : Initial Calibration

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

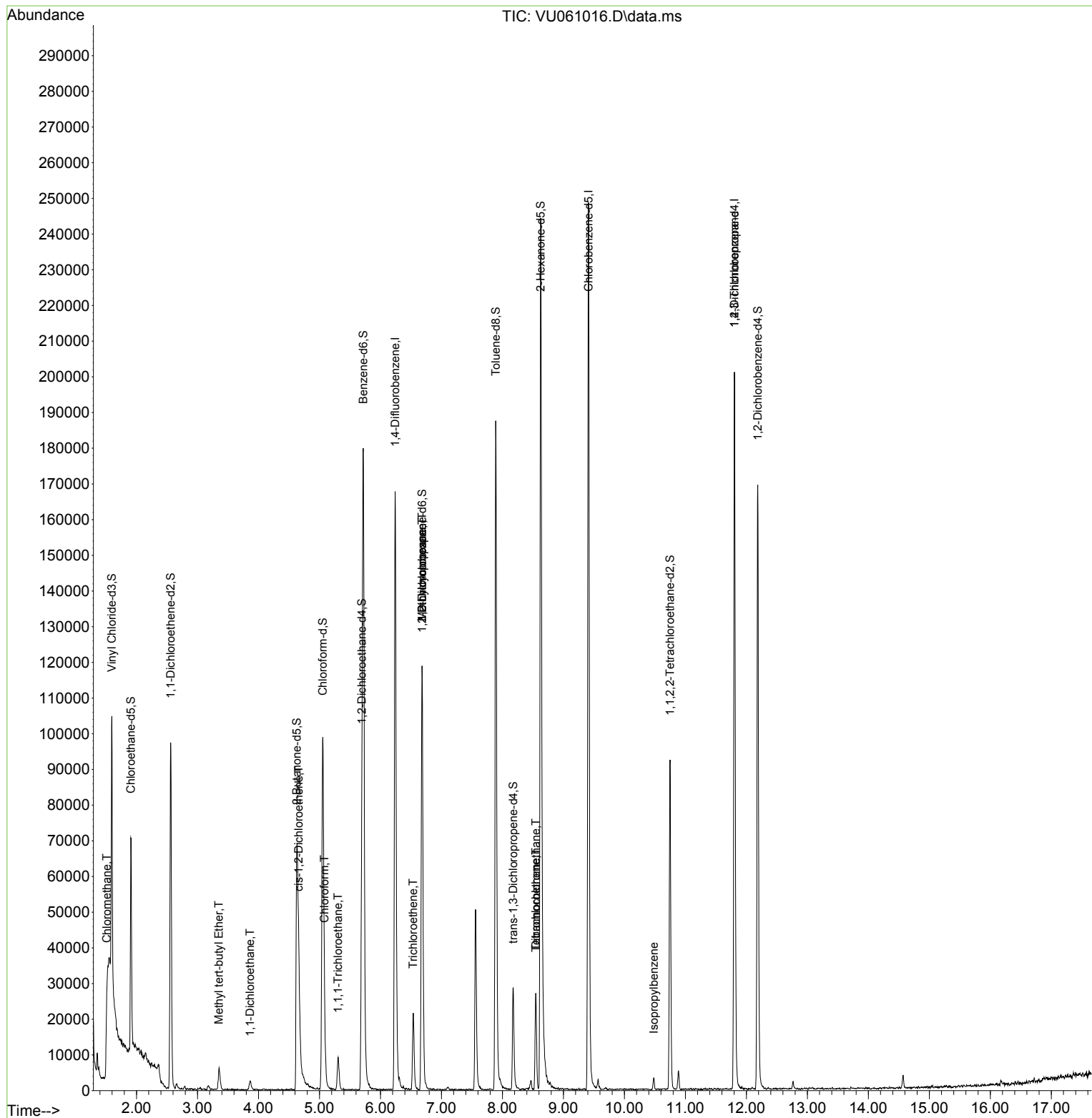
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	139529	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	152750	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	57215	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	50818	4.049	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.907	69	46206	5.171	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.400%
11) 1,1-Dichloroethene-d2	2.560	65	18847	4.237	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.628	46	115525	57.341	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.680%
24) Chloroform-d	5.052	84	94635	4.933	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.695	65	47975	5.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.718	84	175362	4.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.682	67	64259	5.073	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.891	98	135450	3.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.600%
43) trans-1,3-Dichloroprop...	8.177	79	19789	4.340	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.627	63	87969	48.908	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.820%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	49712	5.009	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	47746	4.966	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	1299	0.117	ug/L	95
17) Methyl tert-butyl Ether	3.351	73	2221	0.112	ug/L #	52
19) 1,1-Dichloroethane	3.862	63	3865	0.212	ug/L #	90
22) cis-1,2-Dichloroethene	4.660	96	9559	0.950	ug/L	96
25) Chloroform	5.081	83	12255	0.644	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	6504	0.394	ug/L	95
34) Trichloroethene	6.537	95	7311	0.664	ug/L	90
35) Methylcyclohexane	6.682	83	13432	0.889	ug/L #	21
37) 1,2-Dichloropropane	6.685	63	6228	0.538	ug/L #	93
47) Tetrachloroethene	8.550	164	6386	0.730	ug/L	94
49) Dibromochloromethane	8.547	129	6281	0.660	ug/L #	9
60) Isopropylbenzene	10.483	105	2590	0.076	ug/L	93
61) 1,2,3-Trichloropropane	11.804	75	6708	1.257	ug/L #	67

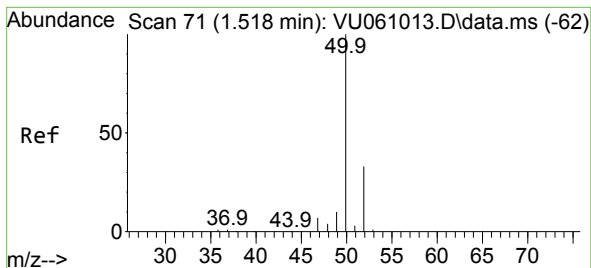
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.117 ug/L

RT: 1.515 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU061016.D

Acq: 26 Sep 2024 13:27

Instrument :

MSVOA_U

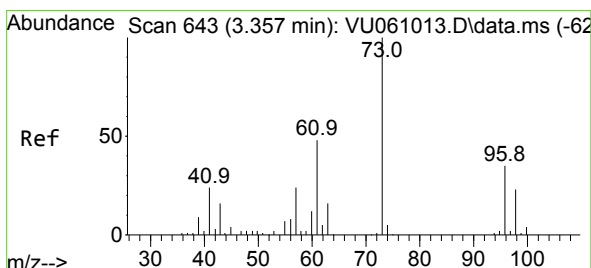
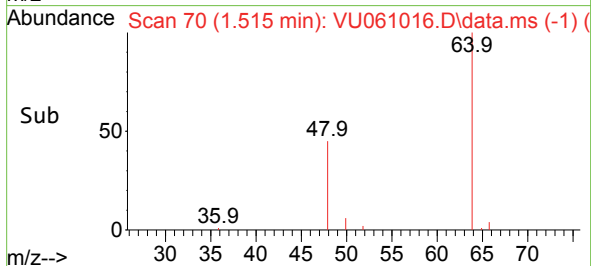
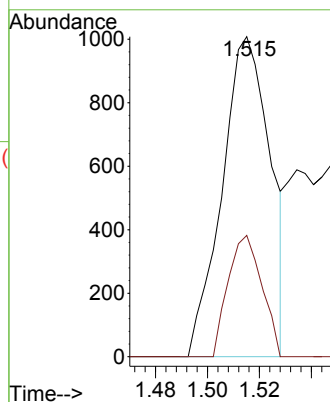
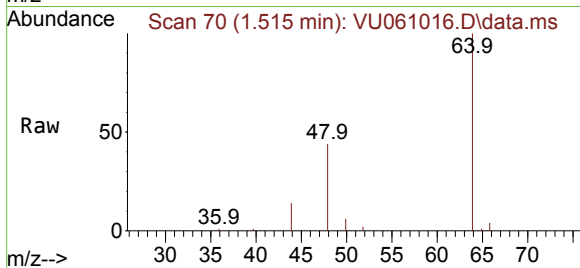
ClientSampleId :

Tgt Ion: 50 Resp: 1299

Ion Ratio Lower Upper

50 100

52 37.9 24.4 45.4



#17

Methyl tert-butyl Ether

Concen: 0.112 ug/L

RT: 3.351 min Scan# 641

Delta R.T. -0.006 min

Lab File: VU061016.D

Acq: 26 Sep 2024 13:27

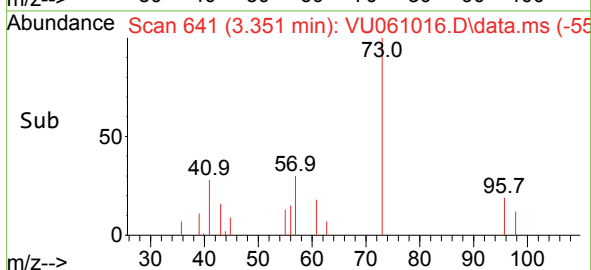
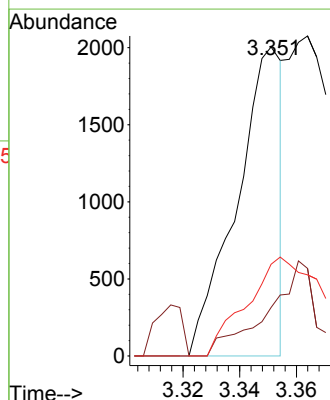
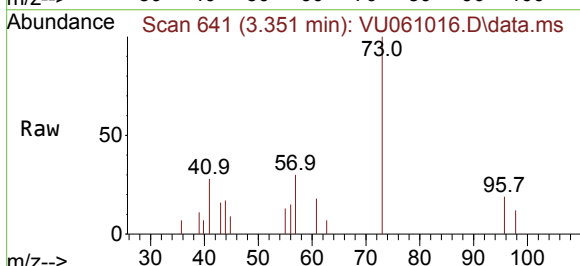
Tgt Ion: 73 Resp: 2221

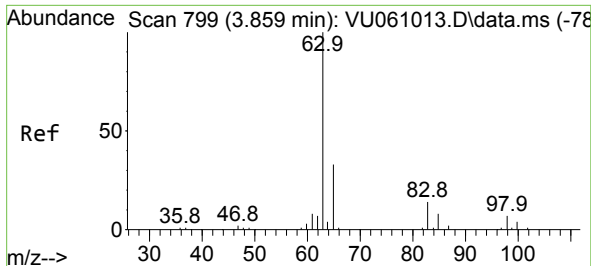
Ion Ratio Lower Upper

73 100

43 31.2 13.8 20.8#

57 51.4 18.0 27.0#





#19

1,1-Dichloroethane

Concen: 0.212 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.003 min

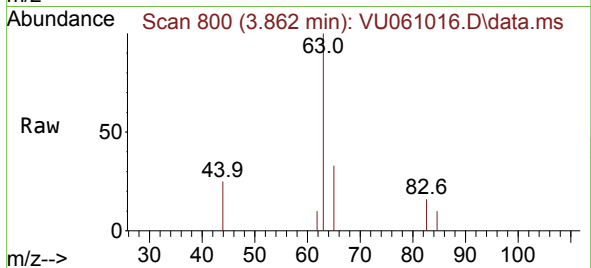
Lab File: VU061016.D

Acq: 26 Sep 2024 13:27

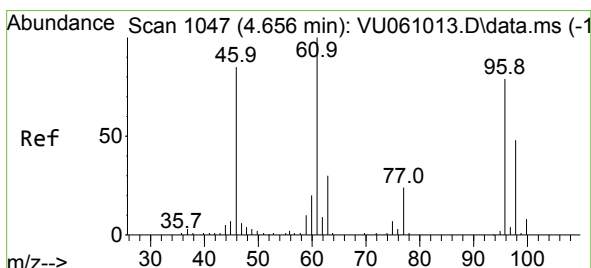
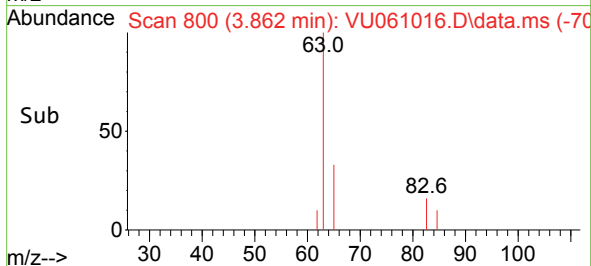
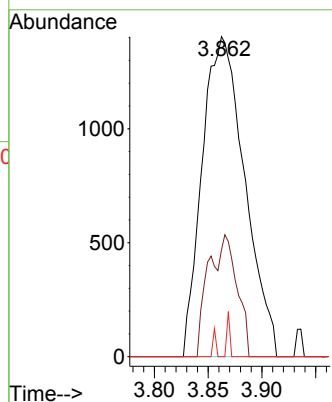
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	63	Resp:	3865
Ion	Ratio	Lower	Upper
63	100		
65	33.3	23.0	42.8
83	0.0	9.0	16.6#



#22

cis-1,2-Dichloroethene

Concen: 0.950 ug/L

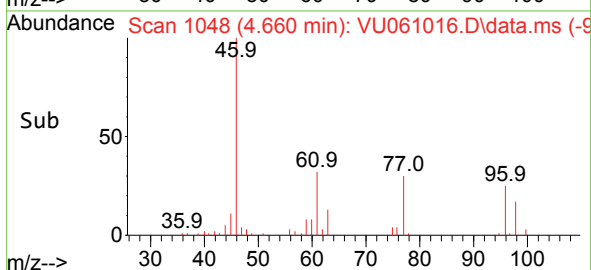
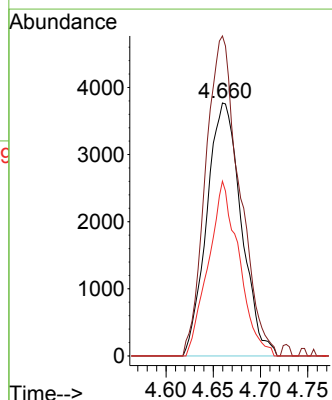
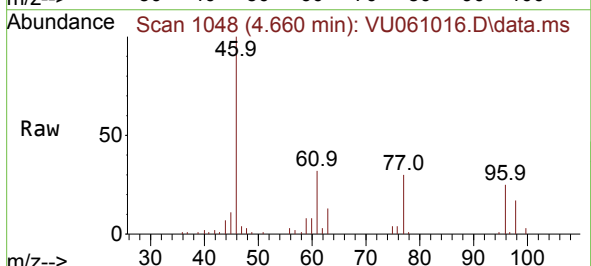
RT: 4.660 min Scan# 1048

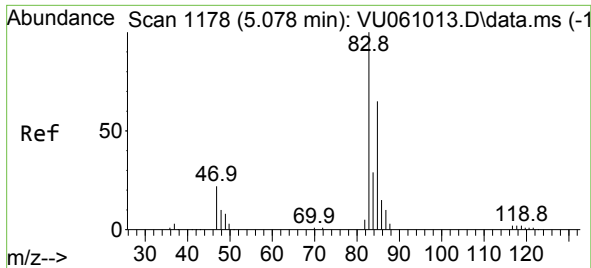
Delta R.T. 0.003 min

Lab File: VU061016.D

Acq: 26 Sep 2024 13:27

Tgt Ion:	96	Resp:	9559
Ion	Ratio	Lower	Upper
96	100		
61	122.1	89.7	166.5
98	66.7	45.1	83.9





#25

Chloroform

Concen: 0.644 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU061016.D

Acq: 26 Sep 2024 13:27

Instrument :

MSVOA_U

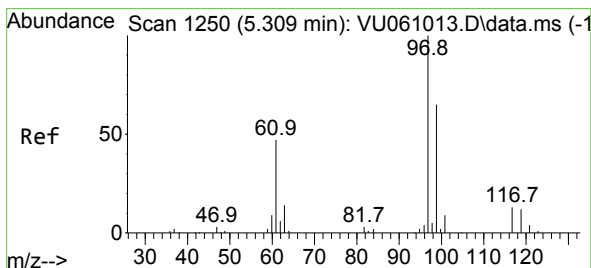
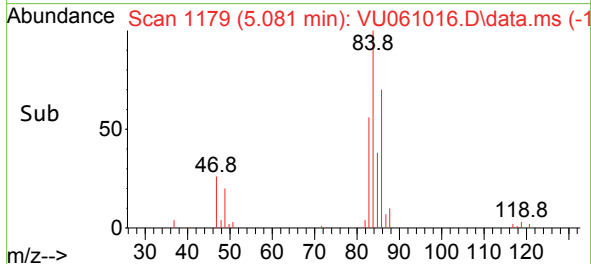
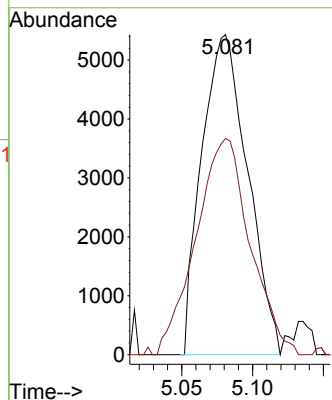
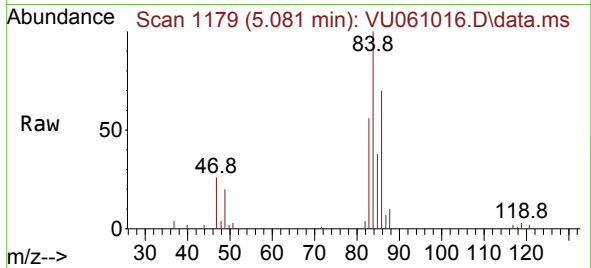
ClientSampleId :

Tgt Ion: 83 Resp: 12255

Ion Ratio Lower Upper

83 100

85 67.5 46.8 86.8



#29

1,1,1-Trichloroethane

Concen: 0.394 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.003 min

Lab File: VU061016.D

Acq: 26 Sep 2024 13:27

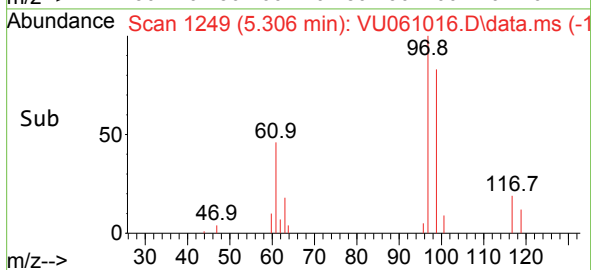
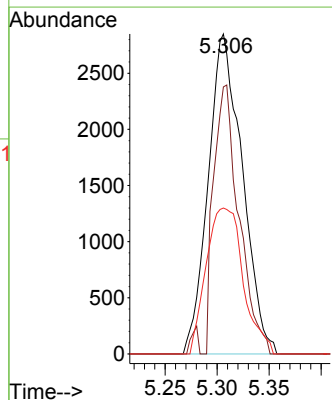
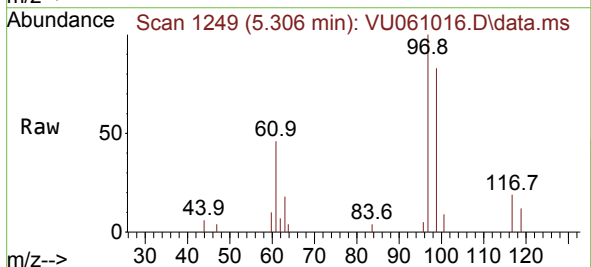
Tgt Ion: 97 Resp: 6504

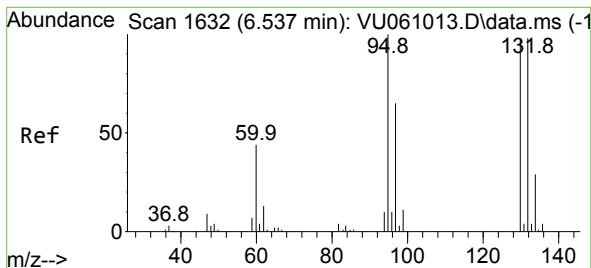
Ion Ratio Lower Upper

97 100

99 62.5 50.5 75.7

61 49.5 34.4 51.6





#34

Trichloroethene

Concen: 0.664 ug/L

RT: 6.537 min Scan# 1677

Delta R.T. 0.000 min

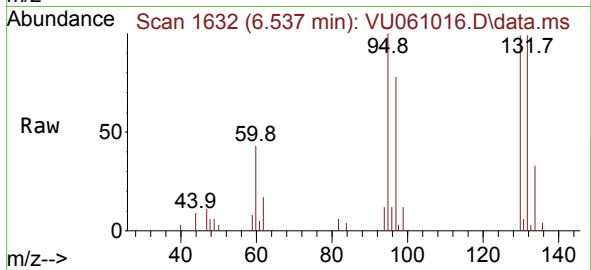
Lab File: VU061016.D

Acq: 26 Sep 2024 13:27

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 7311

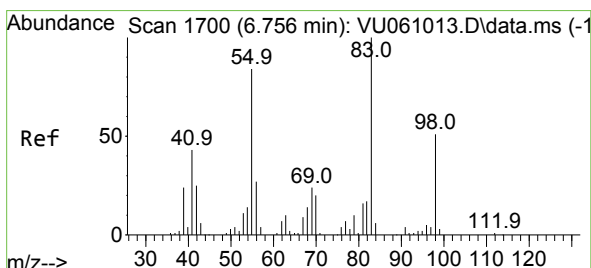
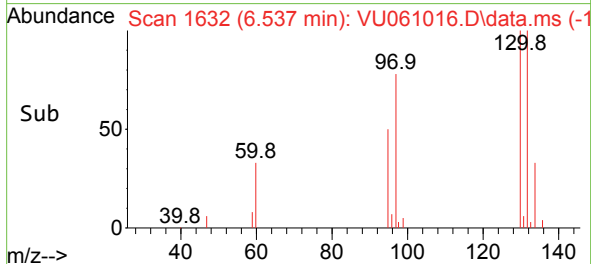
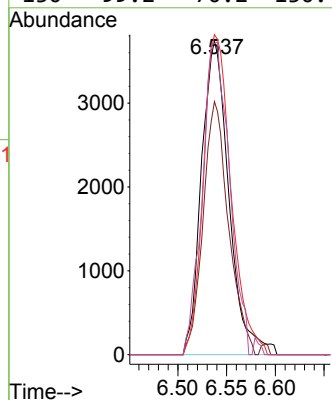
Ion Ratio Lower Upper

95 100

97 80.7 44.9 83.5

132 102.0 63.5 117.9

130 99.2 70.2 130.4



#35

Methylcyclohexane

Concen: 0.889 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU061016.D

Acq: 26 Sep 2024 13:27

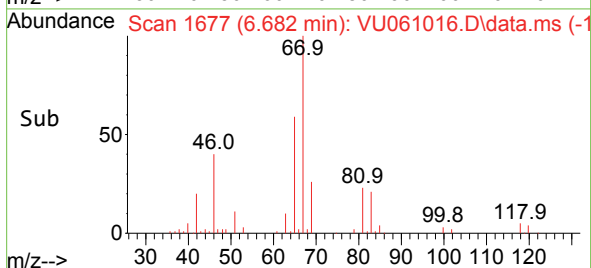
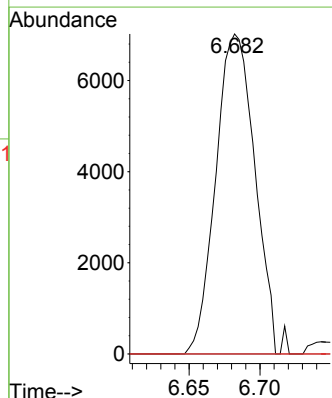
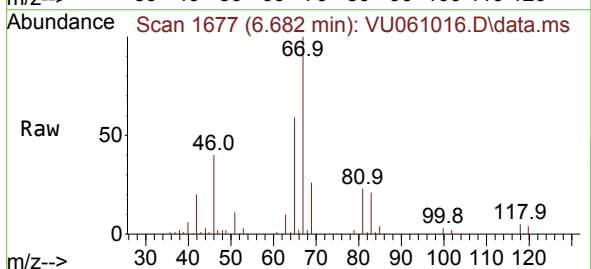
Tgt Ion: 83 Resp: 13432

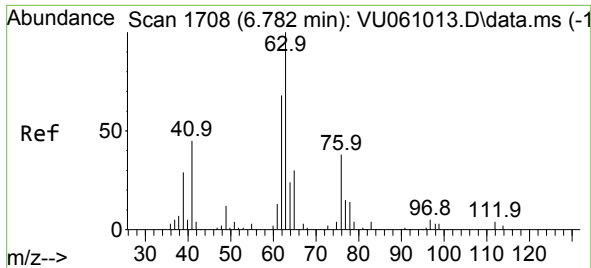
Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

98 5.8 37.6 56.4#

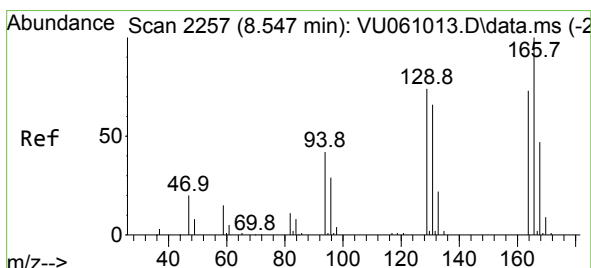
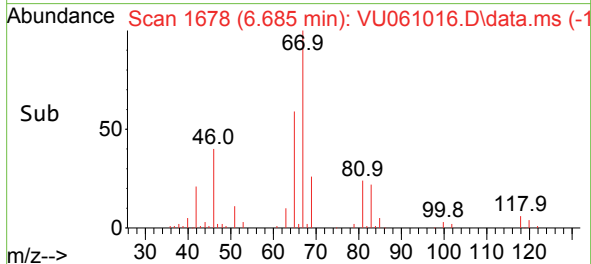
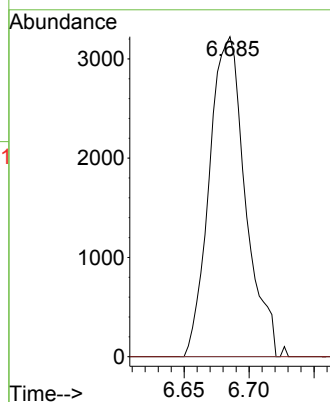
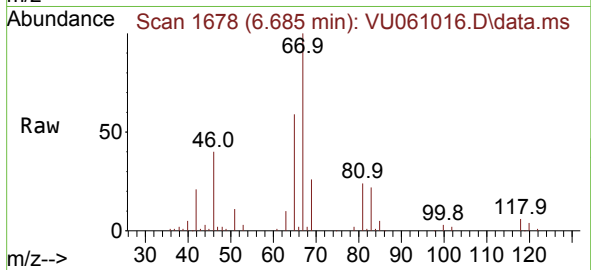




#37
1,2-Dichloropropane
Concen: 0.538 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU061016.D
Acq: 26 Sep 2024 13:27

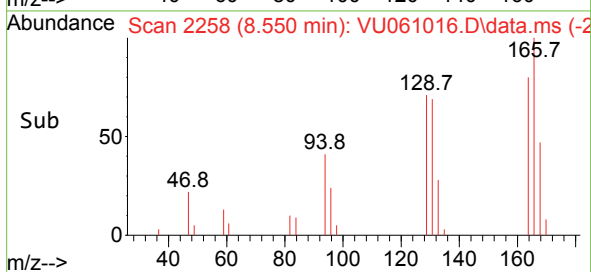
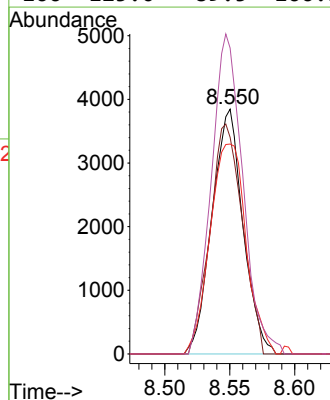
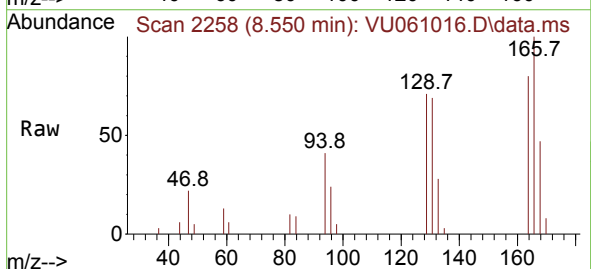
Instrument :
MSVOA_U
ClientSampleId :

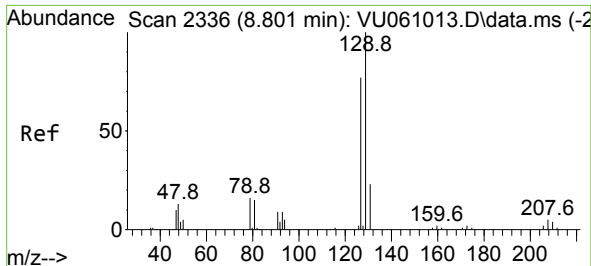
Tgt Ion: 63 Resp: 6228
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#47
Tetrachloroethene
Concen: 0.730 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU061016.D
Acq: 26 Sep 2024 13:27

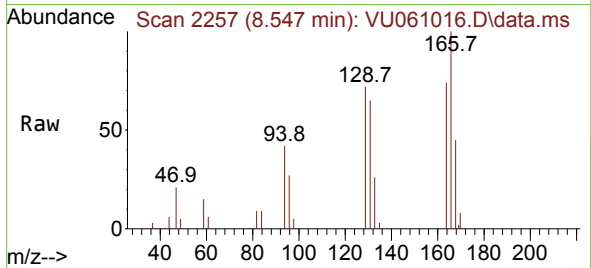
Tgt Ion:164 Resp: 6386
Ion Ratio Lower Upper
164 100
129 88.5 67.3 124.9
131 85.8 65.4 121.4
166 125.0 89.5 166.1



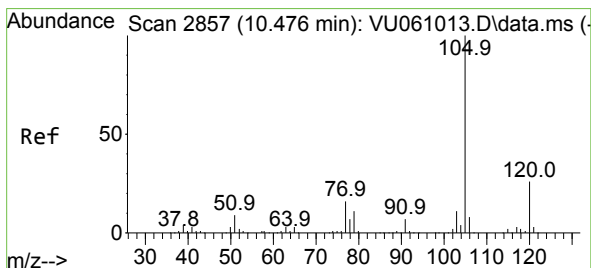
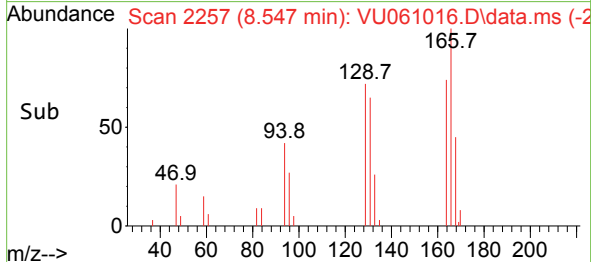
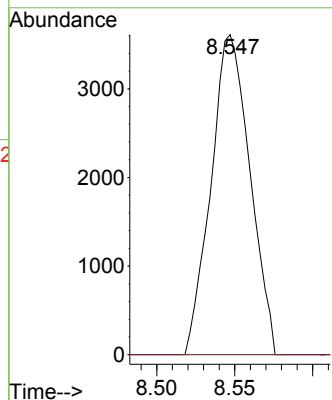


#49
Dibromochloromethane
Concen: 0.660 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU061016.D
Acq: 26 Sep 2024 13:27

Instrument :
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ClientSampleId :

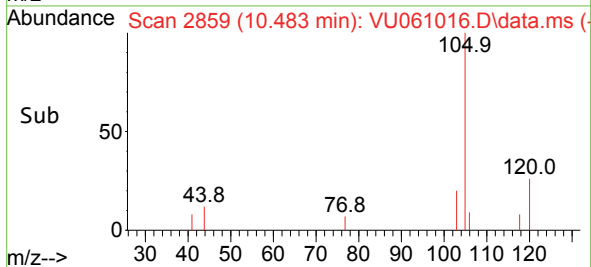
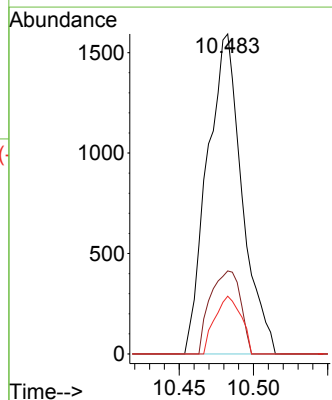
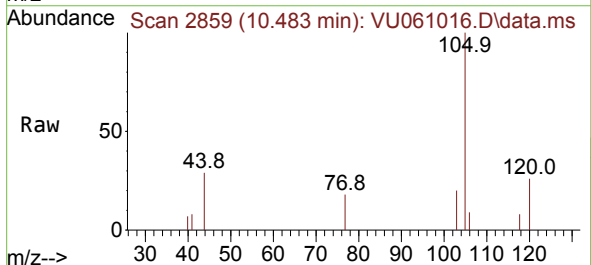


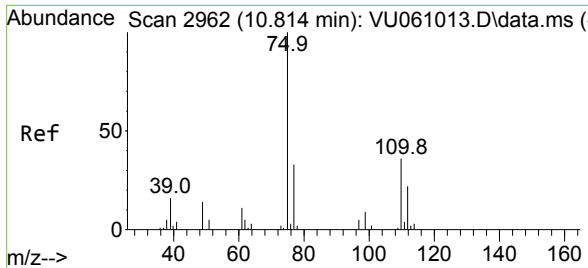
Tgt Ion:129 Resp: 6281
Ion Ratio Lower Upper
129 100
127 0.0 56.1 104.1#



#60
Isopropylbenzene
Concen: 0.076 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.006 min
Lab File: VU061016.D
Acq: 26 Sep 2024 13:27

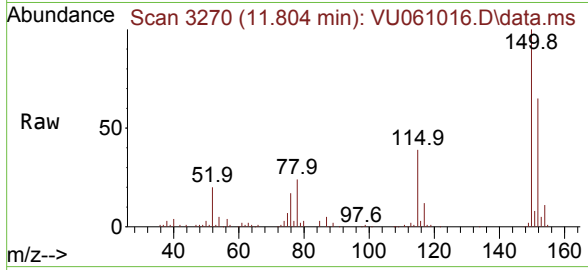
Tgt Ion:105 Resp: 2590
Ion Ratio Lower Upper
105 100
120 22.5 21.5 32.3
77 13.6 12.6 18.8





#61
1,2,3-Trichloropropane
Concen: 1.257 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU061016.D
Acq: 26 Sep 2024 13:27

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 6708
Ion Ratio Lower Upper
75 100
110 0.6 28.6 43.0#
77 35.4 26.3 39.5

