

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092624\
 Data File : VU061015.D
 Acq On : 26 Sep 2024 13:03
 Operator : MD/SY
 Sample : P4186-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 04:52:23 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)

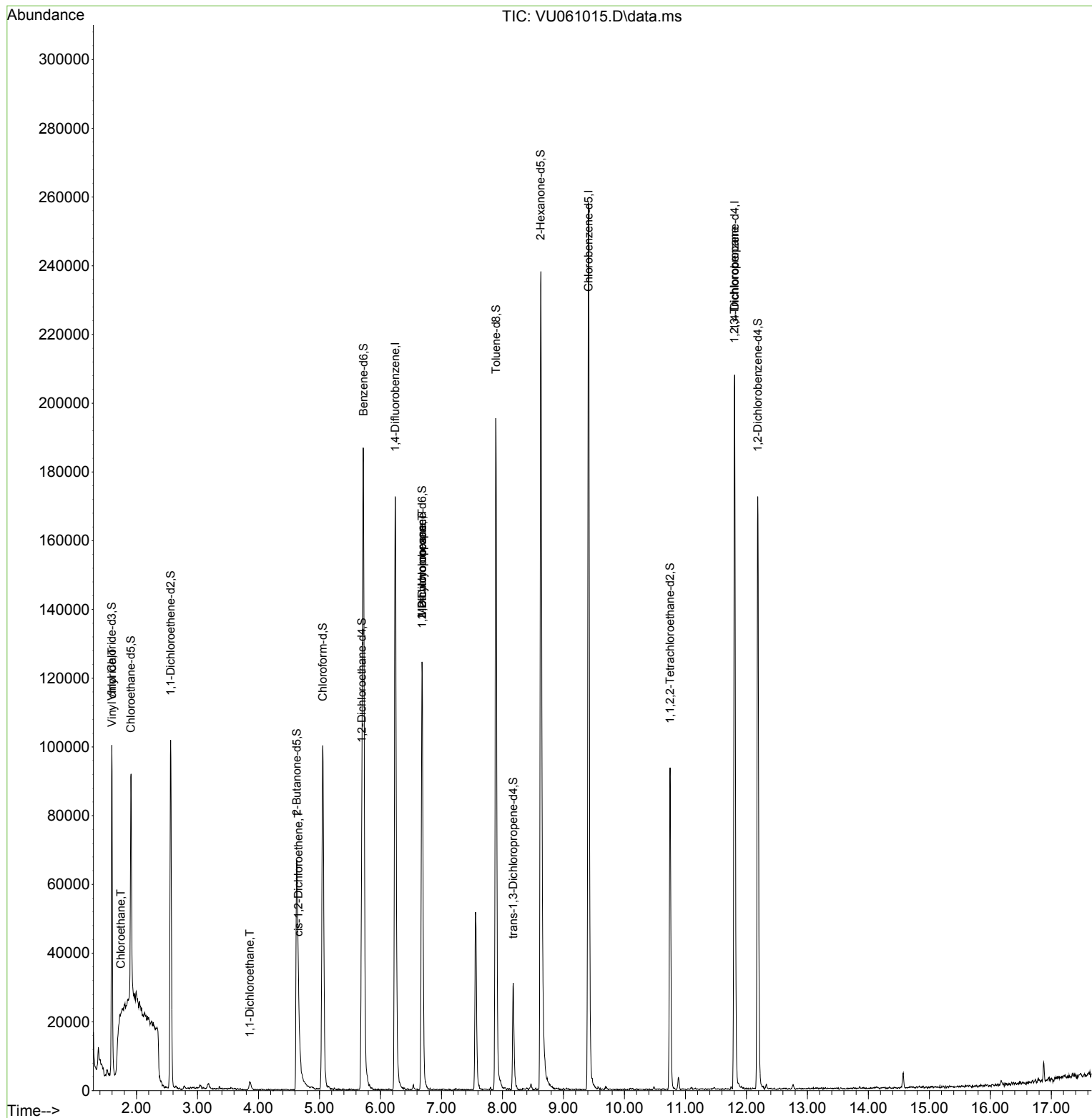
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	149442	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	156148	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	60202	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	53488	3.979	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.907	69	47688	4.983	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.560	65	19654	4.125	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	4.628	46	105470	48.878	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.760%
24) Chloroform-d	5.055	84	97115	4.726	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.695	65	47507	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.721	84	183072	4.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.682	67	66069	5.102	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.894	98	140407	3.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.600%
43) trans-1,3-Dichloroprop...	8.177	79	20225	4.339	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.627	63	86675	47.140	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.280%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	50757	5.003	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	49370	4.880	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	13164	1.021	ug/L	98
8) Chloroethane	1.743	64	44559	5.655	ug/L #	52
19) 1,1-Dichloroethane	3.859	63	3290	0.168	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	2465	0.229	ug/L	95
35) Methylcyclohexane	6.682	83	14267	0.924	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	6278	0.531	ug/L #	93
61) 1,2,3-Trichloropropane	11.804	75	7491	1.334	ug/L #	66

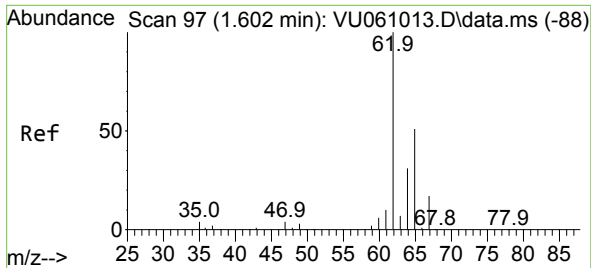
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

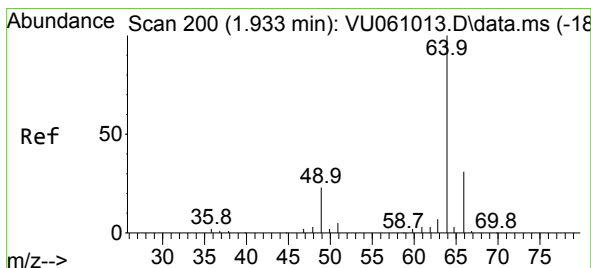
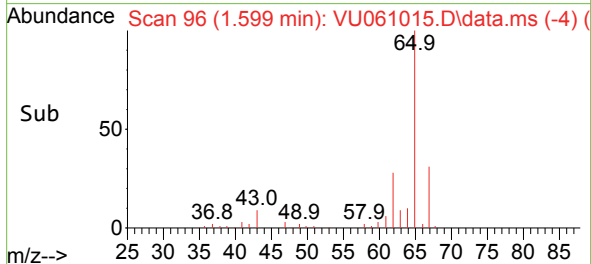
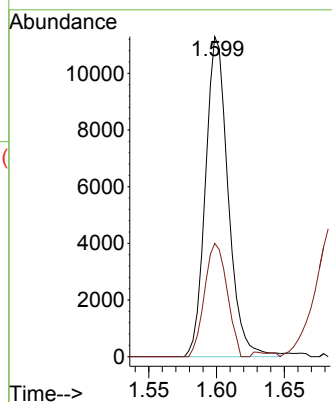
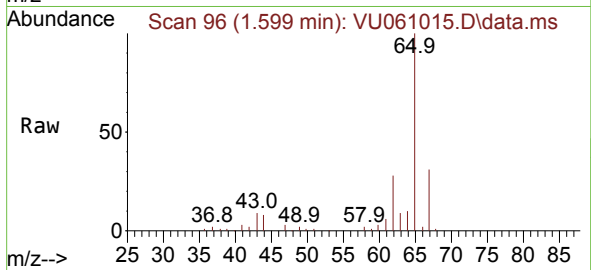




#5
 Vinyl chloride
 Concen: 1.021 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU061015.D
 Acq: 26 Sep 2024 13:03

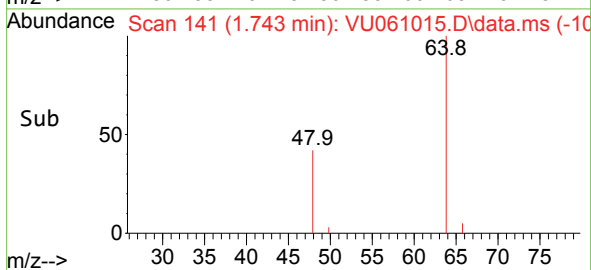
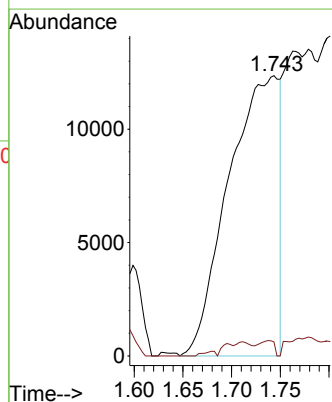
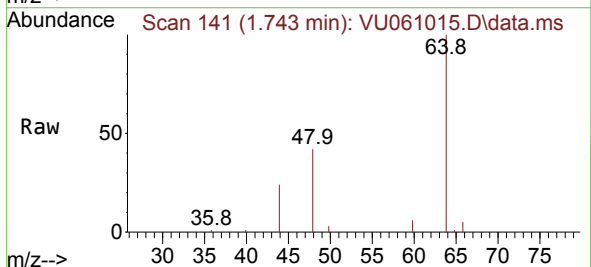
Instrument :
 MSVOA_U
 ClientSampleId :

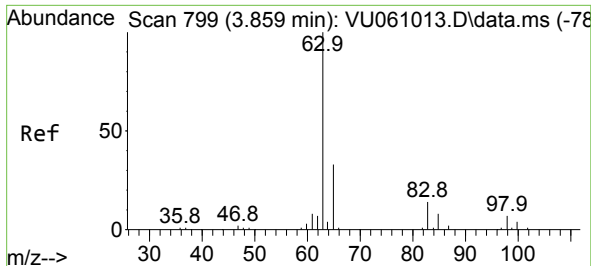
Tgt Ion: 62 Resp: 13164
 Ion Ratio Lower Upper
 62 100
 64 35.4 24.0 44.6



#8
 Chloroethane
 Concen: 5.655 ug/L
 RT: 1.743 min Scan# 141
 Delta R.T. -0.190 min
 Lab File: VU061015.D
 Acq: 26 Sep 2024 13:03

Tgt Ion: 64 Resp: 44559
 Ion Ratio Lower Upper
 64 100
 66 5.0 22.3 41.3#





#19

1,1-Dichloroethane

Concen: 0.168 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

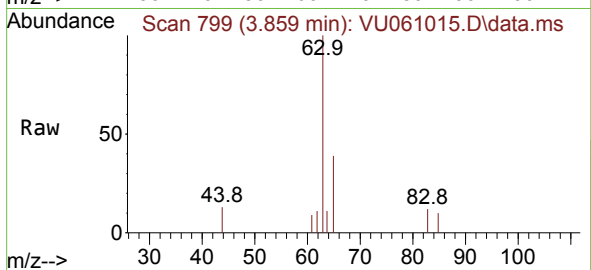
Lab File: VU061015.D

Acq: 26 Sep 2024 13:03

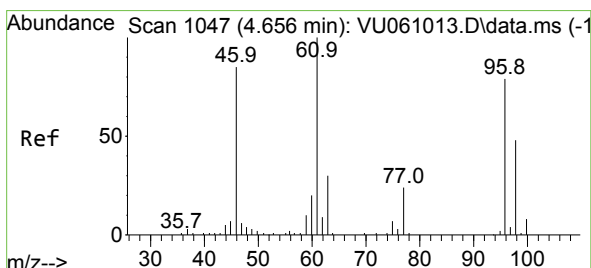
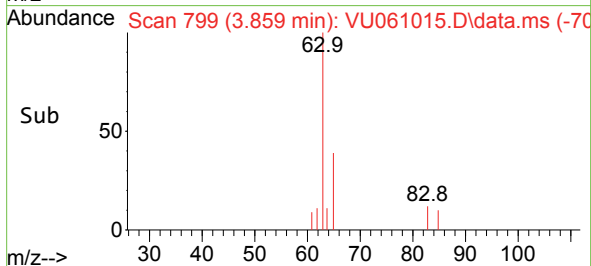
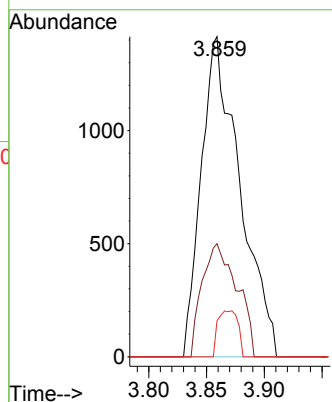
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 63	Resp: 3290
Ion Ratio	Lower Upper
63	100
65	35.3 23.0 42.8
83	11.2 9.0 16.6



#22

cis-1,2-Dichloroethene

Concen: 0.229 ug/L

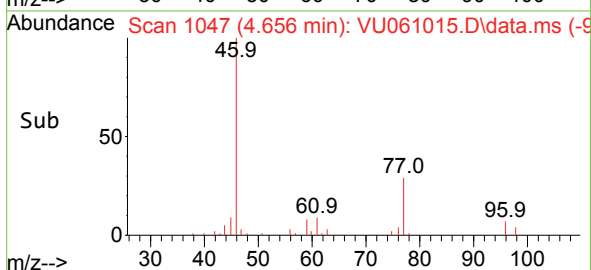
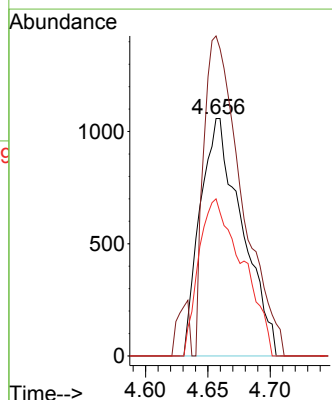
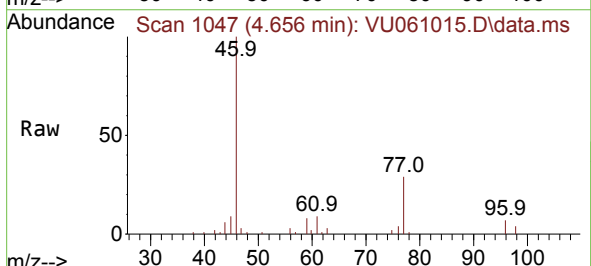
RT: 4.656 min Scan# 1047

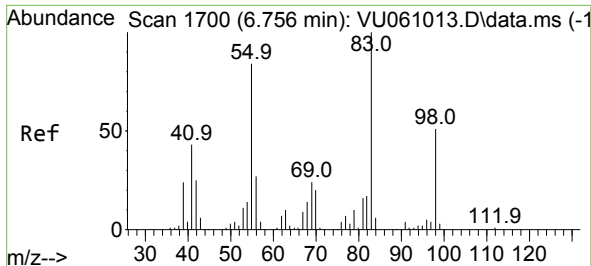
Delta R.T. 0.000 min

Lab File: VU061015.D

Acq: 26 Sep 2024 13:03

Tgt Ion: 96	Resp: 2465
Ion Ratio	Lower Upper
96	100
61	134.8 89.7 166.5
98	66.2 45.1 83.9





#35

Methylcyclohexane

Concen: 0.924 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU061015.D

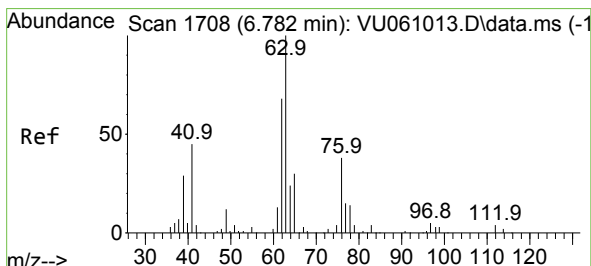
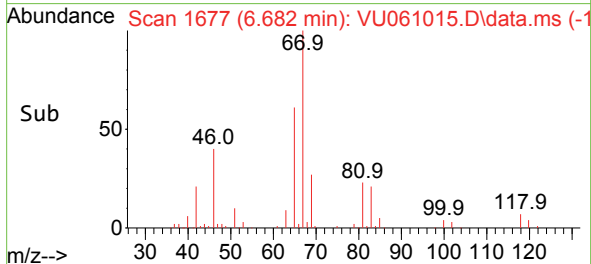
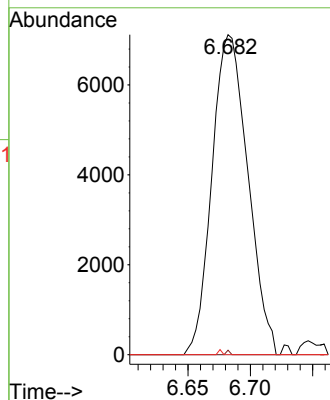
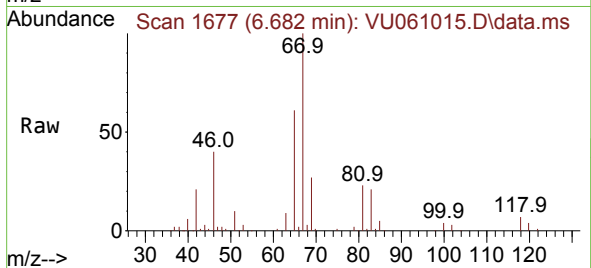
Acq: 26 Sep 2024 13:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 14267
Ion Ratio	Lower Upper
83 100	
55 0.1	62.6 94.0#
98 0.2	37.6 56.4#



#37

1,2-Dichloropropane

Concen: 0.531 ug/L

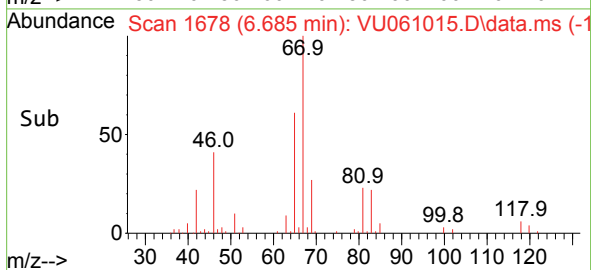
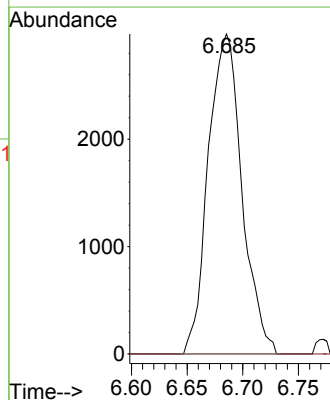
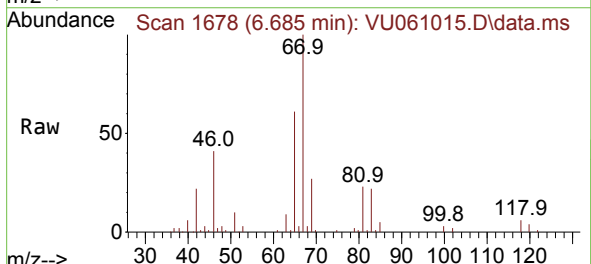
RT: 6.685 min Scan# 1678

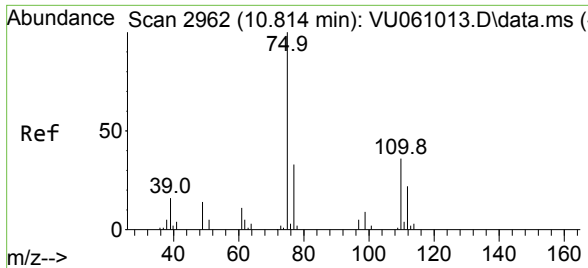
Delta R.T. -0.096 min

Lab File: VU061015.D

Acq: 26 Sep 2024 13:03

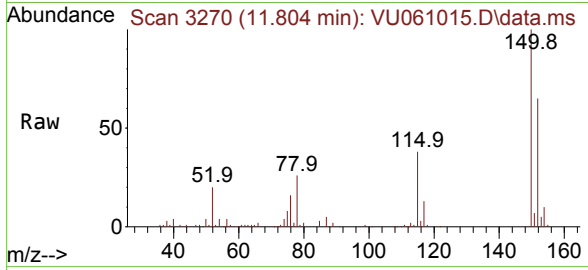
Tgt Ion: 63	Resp: 6278
Ion Ratio	Lower Upper
63 100	
112 0.0	2.0 3.0#





#61
1,2,3-Trichloropropane
Concen: 1.334 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU061015.D
Acq: 26 Sep 2024 13:03

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	7491
Ion	Ratio	Lower	Upper
75	100		
110	2.1	28.6	43.0#
77	28.5	26.3	39.5

