

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
 Data File : VU055261.D
 Acq On : 12 Sep 2023 20:33
 Operator : MD/SY
 Sample : 04306-16 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 13 01:50:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 13 01:44:08 2023
 Response via : Initial Calibration

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

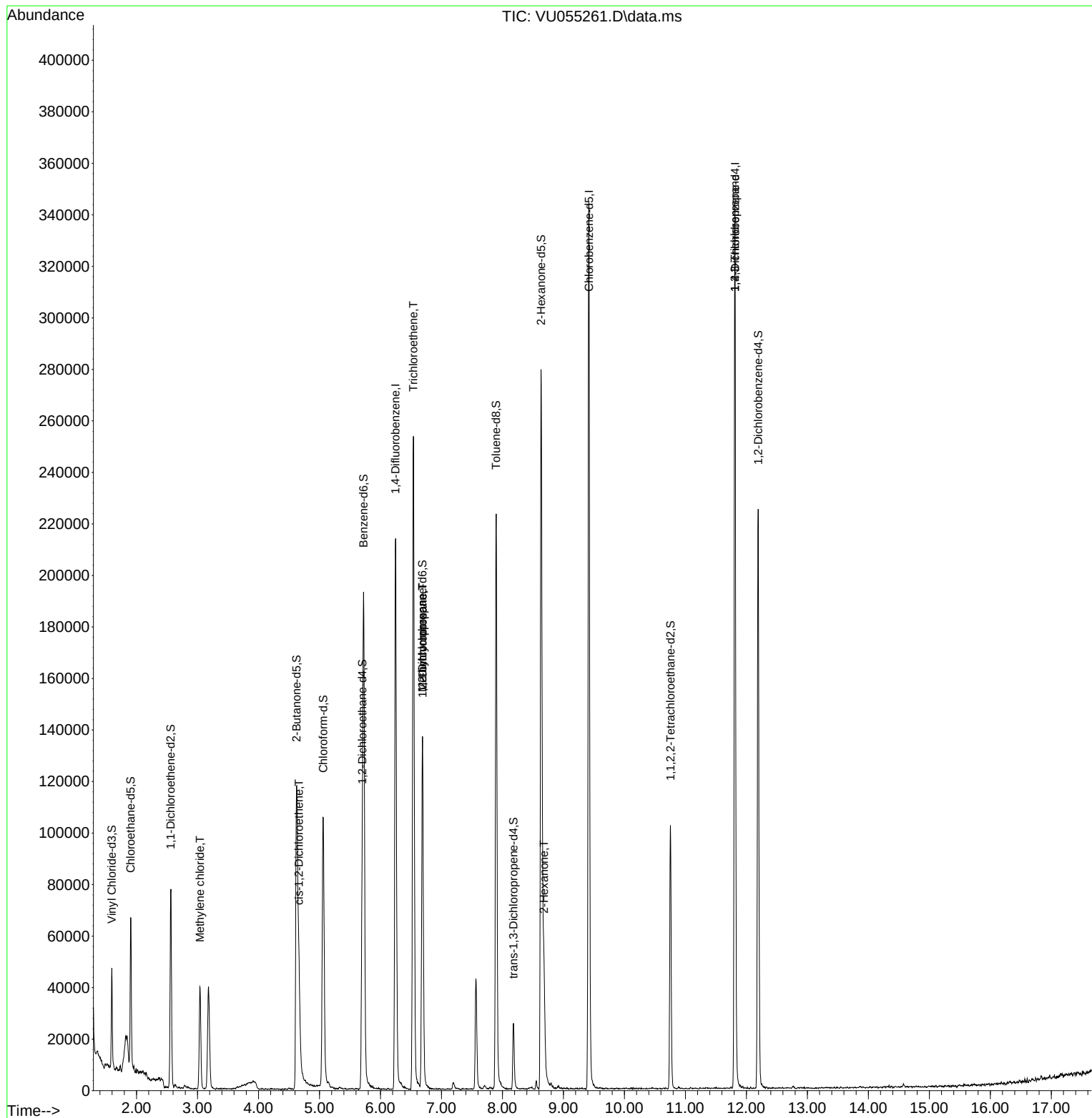
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	169577	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	191239	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	90614	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26697	3.359	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.200%
7) Chloroethane-d5	1.904	69	42548	4.625	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.560	65	14208	3.137	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.800%
20) 2-Butanone-d5	4.624	46	146508	63.523	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.040%
24) Chloroform-d	5.061	84	96782	4.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.701	65	53489	5.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.724	84	176870	3.747	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.000%
36) 1,2-Dichloropropane-d6	6.688	67	64248	4.279	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.897	98	151794	3.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.800%#
43) trans-1,3-Dichloroprop...	8.180	79	14936	3.612	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.200%
46) 2-Hexanone-d5	8.634	63	86266	51.391	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.780%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	50630	4.795	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	58375	4.414	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	17660	1.474	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	12646	1.299	ug/L	91
34) Trichloroethene	6.540	95	86077	7.610	ug/L	96
35) Methylcyclohexane	6.688	83	15420	0.972	ug/L #	23
37) 1,2-Dichloropropane	6.692	63	7646	0.690	ug/L #	88
48) 2-Hexanone	8.682	43	19893	4.018	ug/L #	98
61) 1,2,3-Trichloropropane	11.810	75	11355	1.888	ug/L #	66

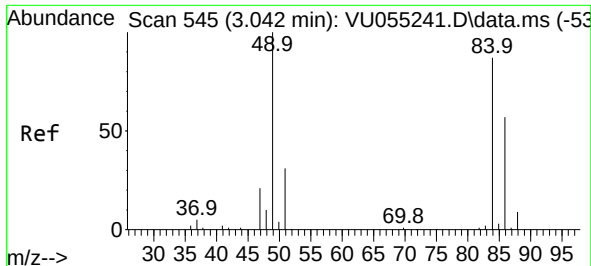
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
Data File : VU055261.D
Acq On : 12 Sep 2023 20:33
Operator : MD/SY
Sample : 04306-16 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

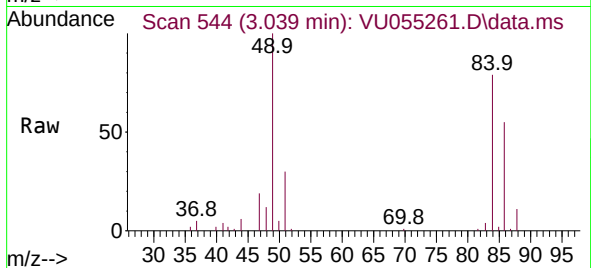
Quant Time: Sep 13 01:50:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 13 01:44:08 2023
Response via : Initial Calibration





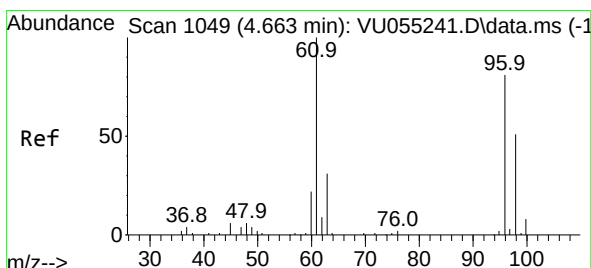
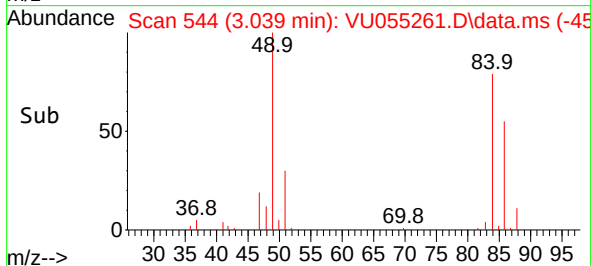
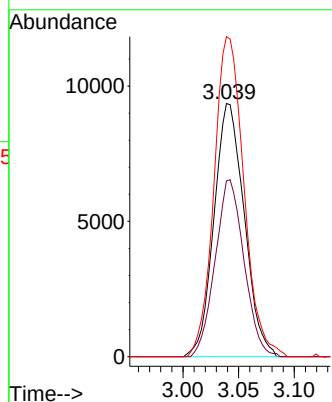
#16
Methylene chloride
Concen: 1.474 ug/L
RT: 3.039 min Scan# 545
Delta R.T. -0.003 min
Lab File: VU055261.D
Acq: 12 Sep 2023 20:33

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 17660

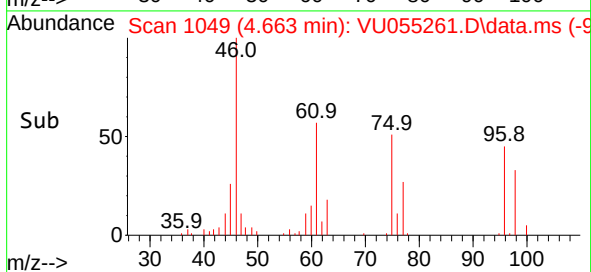
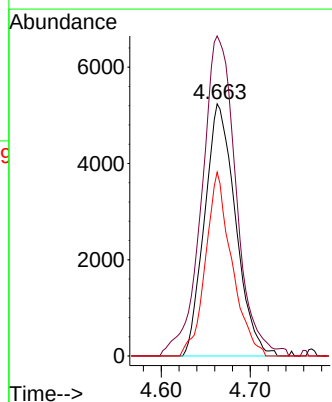
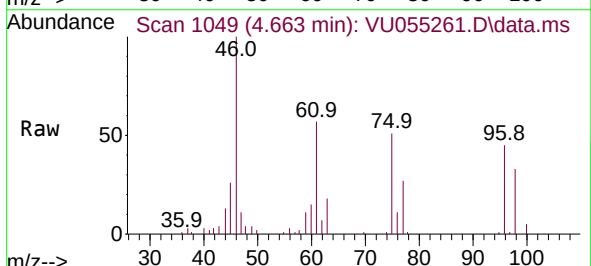
Ion	Ratio	Lower	Upper
84	100		
86	69.5	43.4	80.6
49	126.4	87.7	162.9

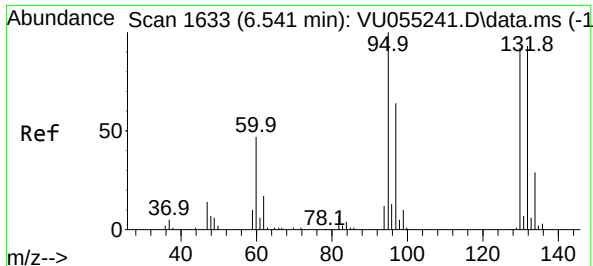


#22
cis-1,2-Dichloroethene
Concen: 1.299 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055261.D
Acq: 12 Sep 2023 20:33

Tgt Ion: 96 Resp: 12646

Ion	Ratio	Lower	Upper
96	100		
61	126.9	97.2	180.4
98	72.9	46.1	85.7

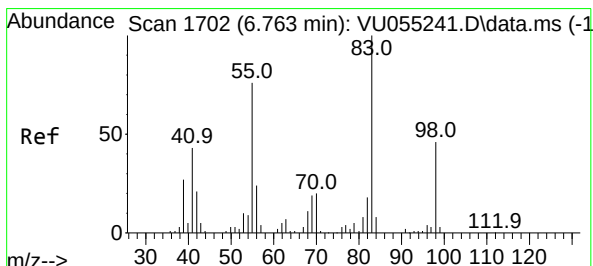
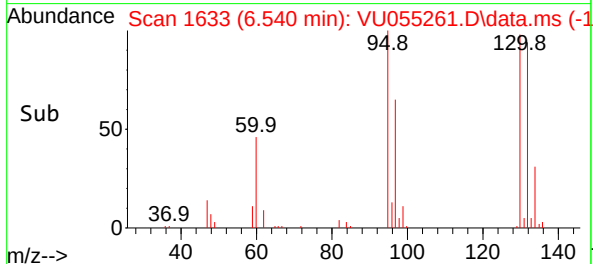
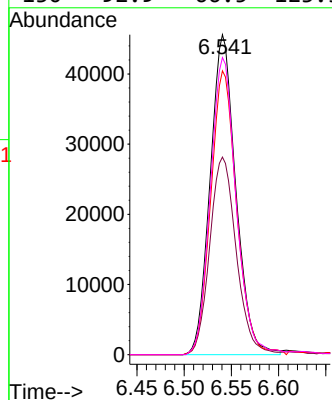
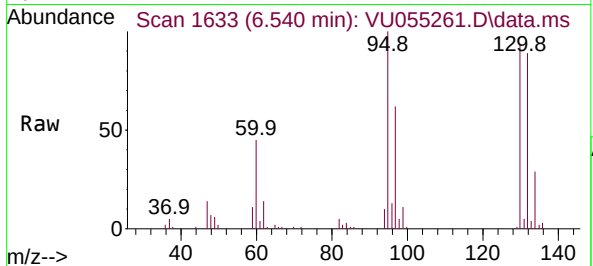




#34
Trichloroethene
Concen: 7.610 ug/L
RT: 6.540 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU055261.D
Acq: 12 Sep 2023 20:33

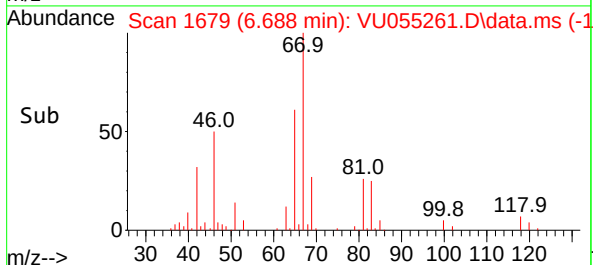
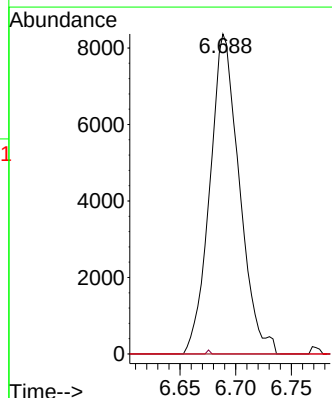
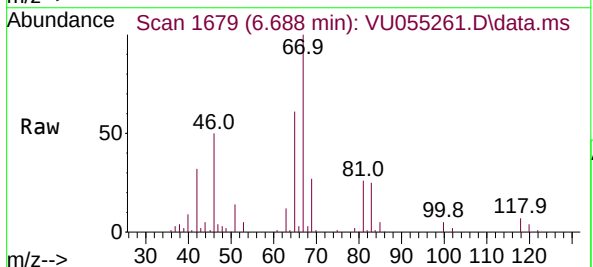
Instrument :
MSVOA_U
ClientSampleId :

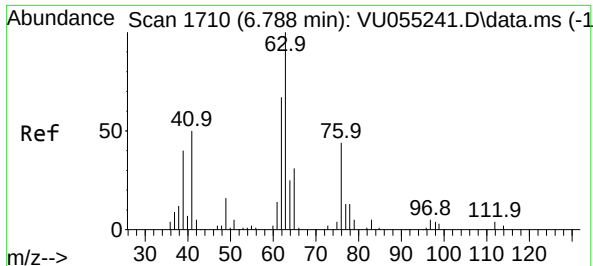
Tgt Ion: 95 Resp: 86077
Ion Ratio Lower Upper
95 100
97 61.8 44.7 83.1
132 88.7 66.6 123.6
130 92.9 66.5 123.5



#35
Methylcyclohexane
Concen: 0.972 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU055261.D
Acq: 12 Sep 2023 20:33

Tgt Ion: 83 Resp: 15420
Ion Ratio Lower Upper
83 100
55 0.1 60.4 90.6#
98 6.2 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.690 ug/L

RT: 6.692 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU055261.D

Acq: 12 Sep 2023 20:33

Instrument :

MSVOA_U

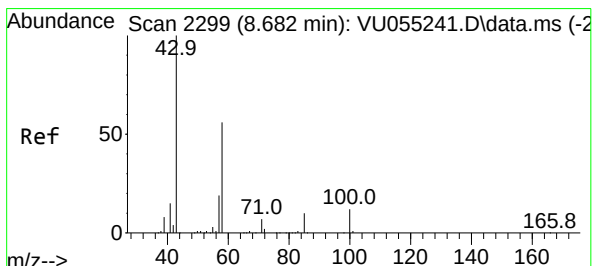
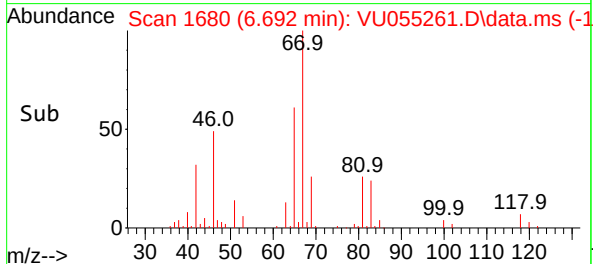
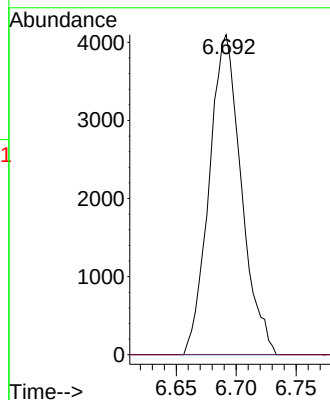
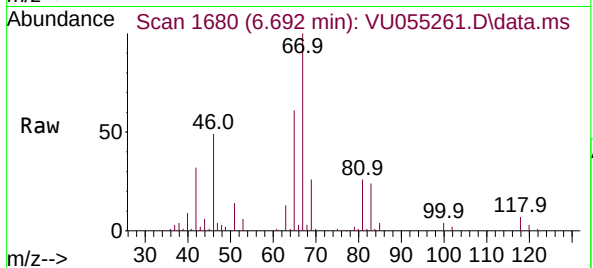
ClientSampleId :

Tgt Ion: 63 Resp: 7646

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#48

2-Hexanone

Concen: 4.018 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VU055261.D

Acq: 12 Sep 2023 20:33

Tgt Ion: 43 Resp: 19893

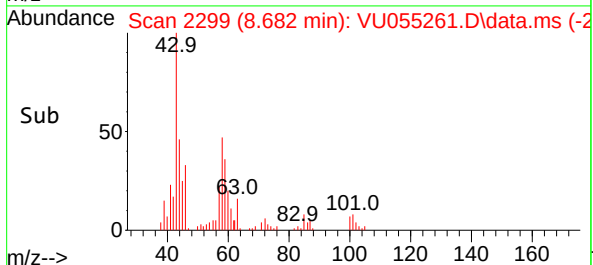
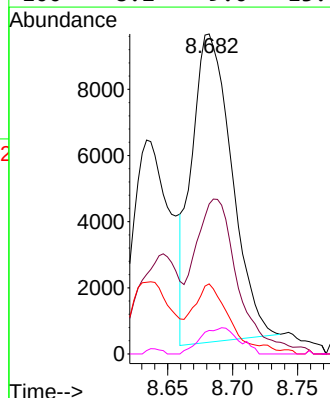
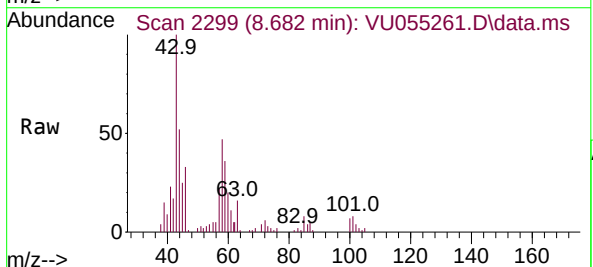
Ion Ratio Lower Upper

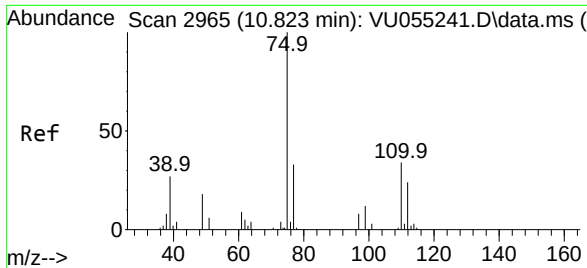
43 100

58 54.4 44.0 66.0

57 19.3 16.2 24.2

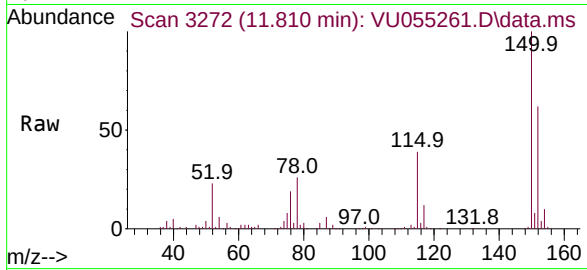
100 8.2 9.0 13.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.888 ug/L
 RT: 11.810 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU055261.D
 Acq: 12 Sep 2023 20:33

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 11355
 Ion Ratio Lower Upper
 75 100
 110 2.1 28.2 42.2#
 77 38.6 26.2 39.4

