

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
 Data File : VU055247.D
 Acq On : 12 Sep 2023 14:49
 Operator : MD/SY
 Sample : 04307-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 13 01:46:56 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

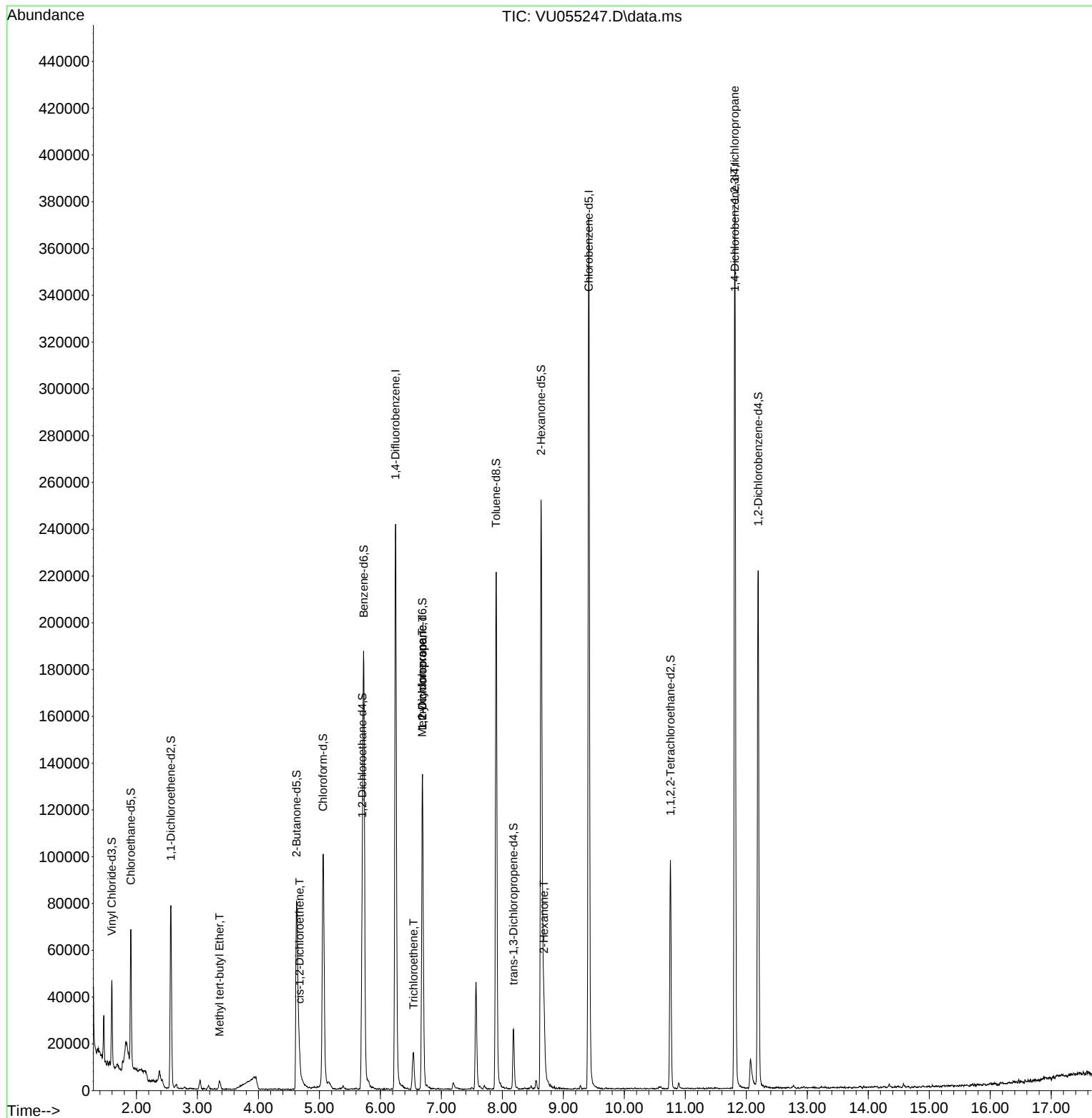
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	196126	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	208311	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	99031	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26550	2.888	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.800%
7) Chloroethane-d5	1.908	69	40691	3.824	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.400%
11) 1,1-Dichloroethene-d2	2.564	65	15035	2.871	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.400%#
20) 2-Butanone-d5	4.625	46	122903	46.075	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.140%
24) Chloroform-d	5.059	84	93685	3.841	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.800%
26) 1,2-Dichloroethane-d4	5.702	65	51264	4.201	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
32) Benzene-d6	5.727	84	175134	3.406	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.200%#
36) 1,2-Dichloropropane-d6	6.689	67	65030	3.976	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.600%
41) Toluene-d8	7.898	98	150654	3.181	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.600%#
43) trans-1,3-Dichloroprop...	8.181	79	15078	3.348	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.000%
46) 2-Hexanone-d5	8.634	63	79489	43.473	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.940%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	48851	4.247	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	57275	3.962	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.200%#
Target Compounds						
17) Methyl tert-butyl Ether	3.361	73	3672	0.154	ug/L #	95
22) cis-1,2-Dichloroethene	4.673	96	2047	0.182	ug/L	75
34) Trichloroethene	6.544	95	3794	0.308	ug/L	88
35) Methylcyclohexane	6.686	83	14640	0.847	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	6698	0.555	ug/L #	88
48) 2-Hexanone	8.682	43	15159	2.811	ug/L #	80
61) 1,2,3-Trichloropropane	11.808	75	13358	2.033	ug/L #	69

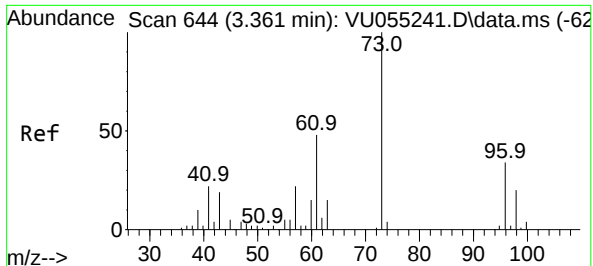
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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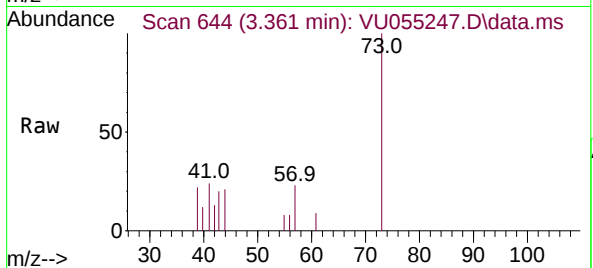
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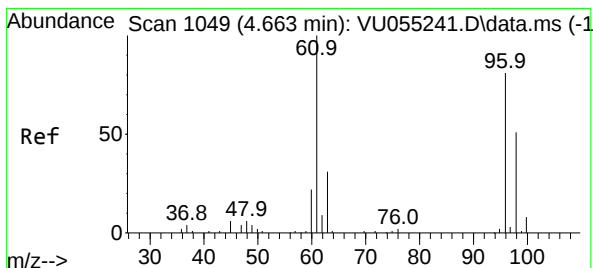
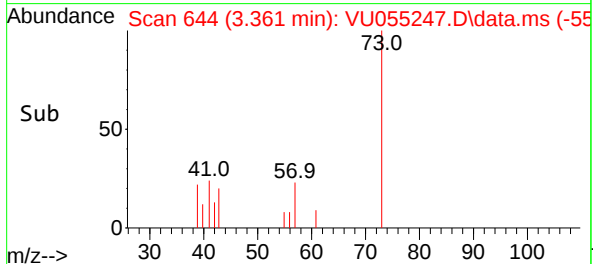
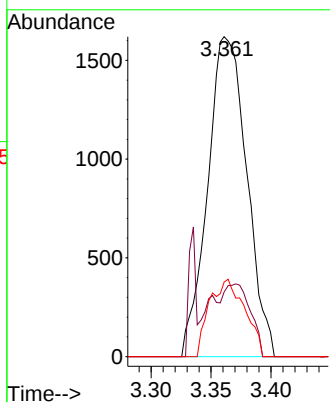


#17
Methyl tert-butyl Ether
Concen: 0.154 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU055247.D
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Instrument :
MSVOA_U
ClientSampleId :

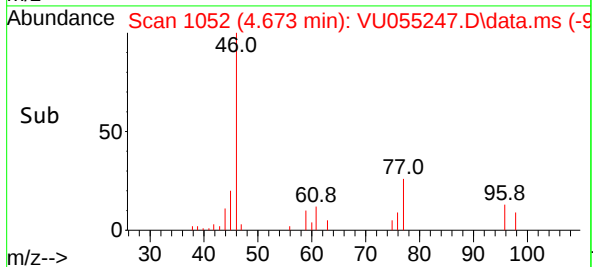
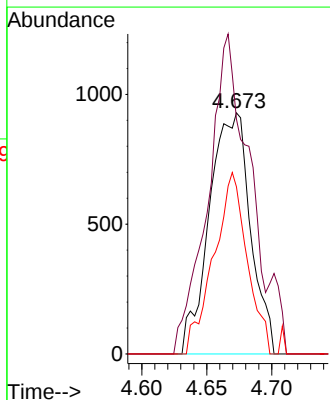
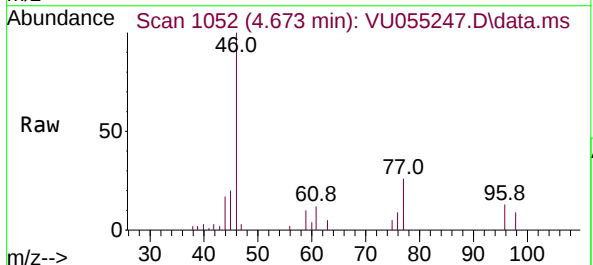


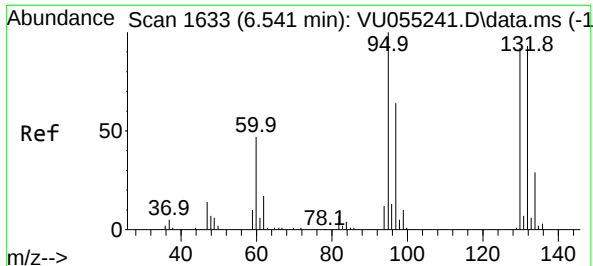
Tgt Ion: 73 Resp: 3672
Ion Ratio Lower Upper
73 100
43 15.2 16.2 24.2#
57 21.8 17.4 26.2



#22
cis-1,2-Dichloroethene
Concen: 0.182 ug/L
RT: 4.673 min Scan# 1052
Delta R.T. 0.010 min
Lab File: VU055247.D
Acq: 12 Sep 2023 14:49

Tgt Ion: 96 Resp: 2047
Ion Ratio Lower Upper
96 100
61 97.4 97.2 180.4
98 69.3 46.1 85.7





#34

Trichloroethene

Concen: 0.308 ug/L

RT: 6.544 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU055247.D

Acq: 12 Sep 2023 14:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 3794

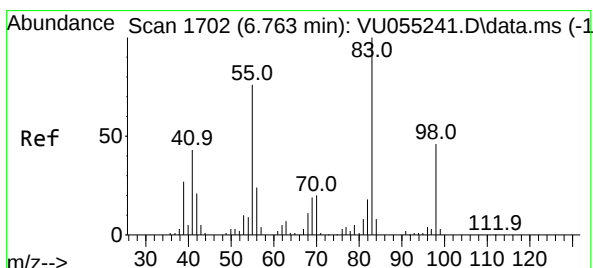
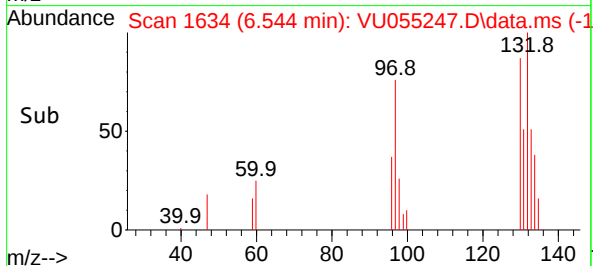
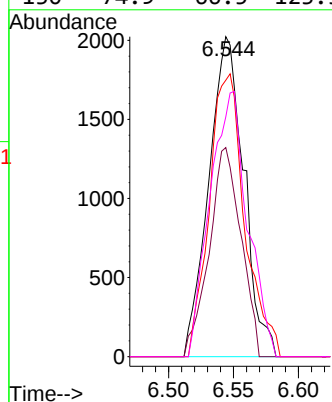
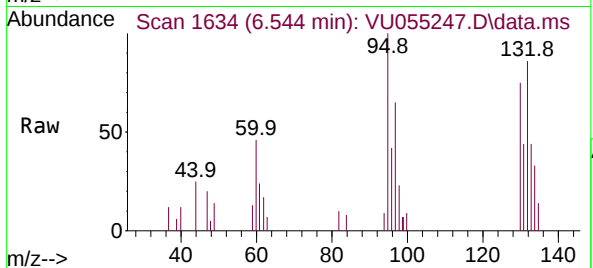
Ion Ratio Lower Upper

95 100

97 65.3 44.7 83.1

132 86.4 66.6 123.6

130 74.9 66.5 123.5



#35

Methylcyclohexane

Concen: 0.847 ug/L

RT: 6.686 min Scan# 1678

Delta R.T. -0.077 min

Lab File: VU055247.D

Acq: 12 Sep 2023 14:49

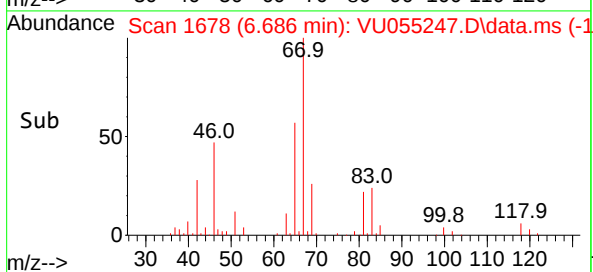
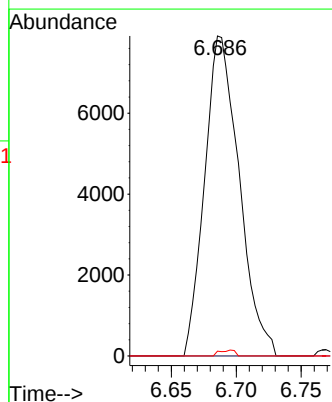
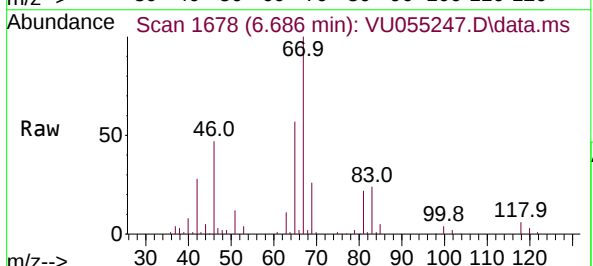
Tgt Ion: 83 Resp: 14640

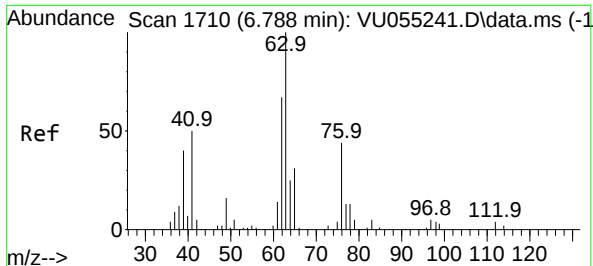
Ion Ratio Lower Upper

83 100

55 0.0 60.4 90.6#

98 0.8 35.3 52.9#

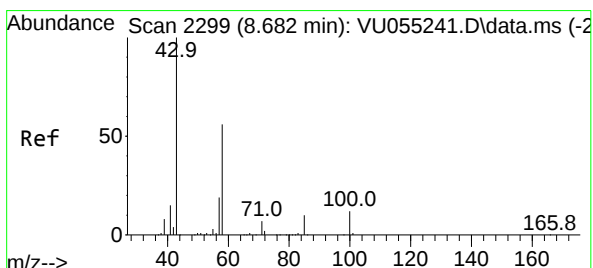
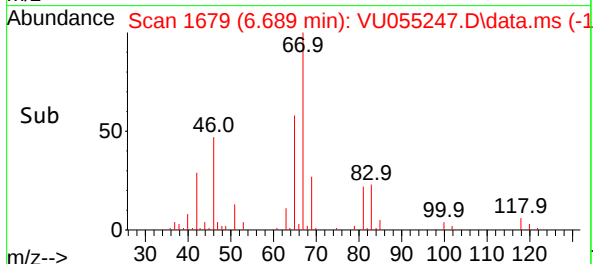
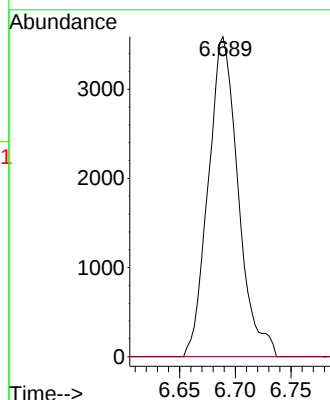
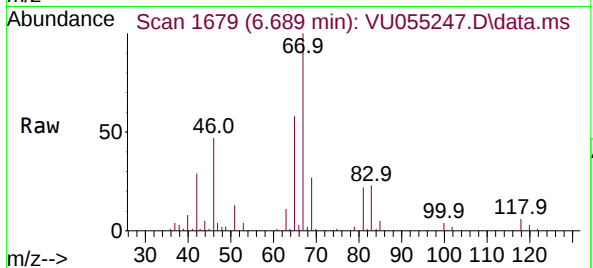




#37
1,2-Dichloropropane
Concen: 0.555 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.099 min
Lab File: VU055247.D
Acq: 12 Sep 2023 14:49

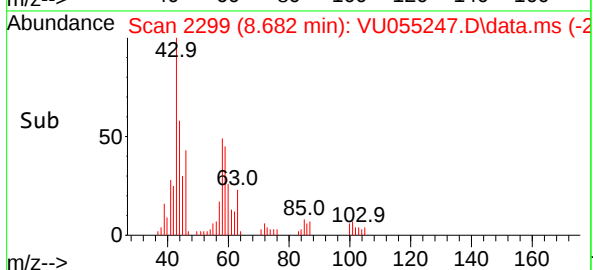
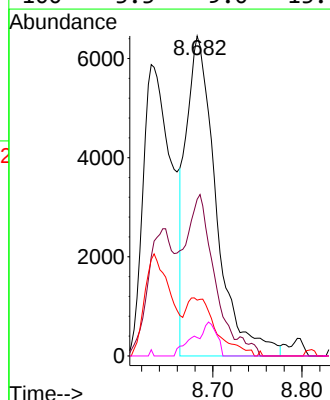
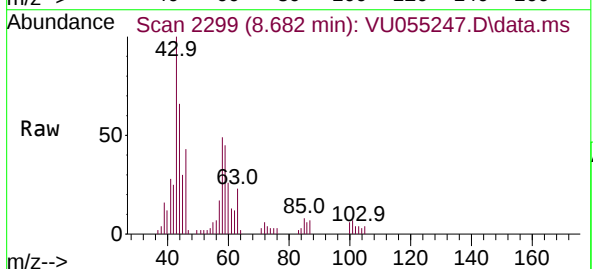
Instrument :
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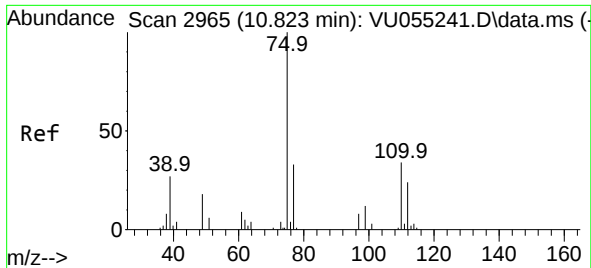
Tgt Ion: 63 Resp: 6698
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#48
2-Hexanone
Concen: 2.811 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU055247.D
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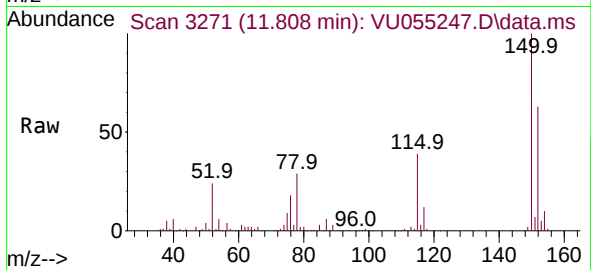
Tgt Ion: 43 Resp: 15159
Ion Ratio Lower Upper
43 100
58 37.0 44.0 66.0#
57 18.0 16.2 24.2
100 3.3 9.0 13.4#





#61
 1,2,3-Trichloropropane
 Concen: 2.033 ug/L
 RT: 11.808 min Scan# 31
 Delta R.T. 0.984 min
 Lab File: VU055247.D
 Acq: 12 Sep 2023 14:49

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 13358
 Ion Ratio Lower Upper
 75 100
 110 2.2 28.2 42.2#
 77 34.6 26.2 39.4

