

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062223\
 Data File : VU054656.D
 Acq On : 22 Jun 2023 15:13
 Operator : MD/SY
 Sample : 03326-11DL2 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCA39DL2

Quant Time: Jun 23 04:35:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 23 04:31:37 2023
 Response via : Initial Calibration

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

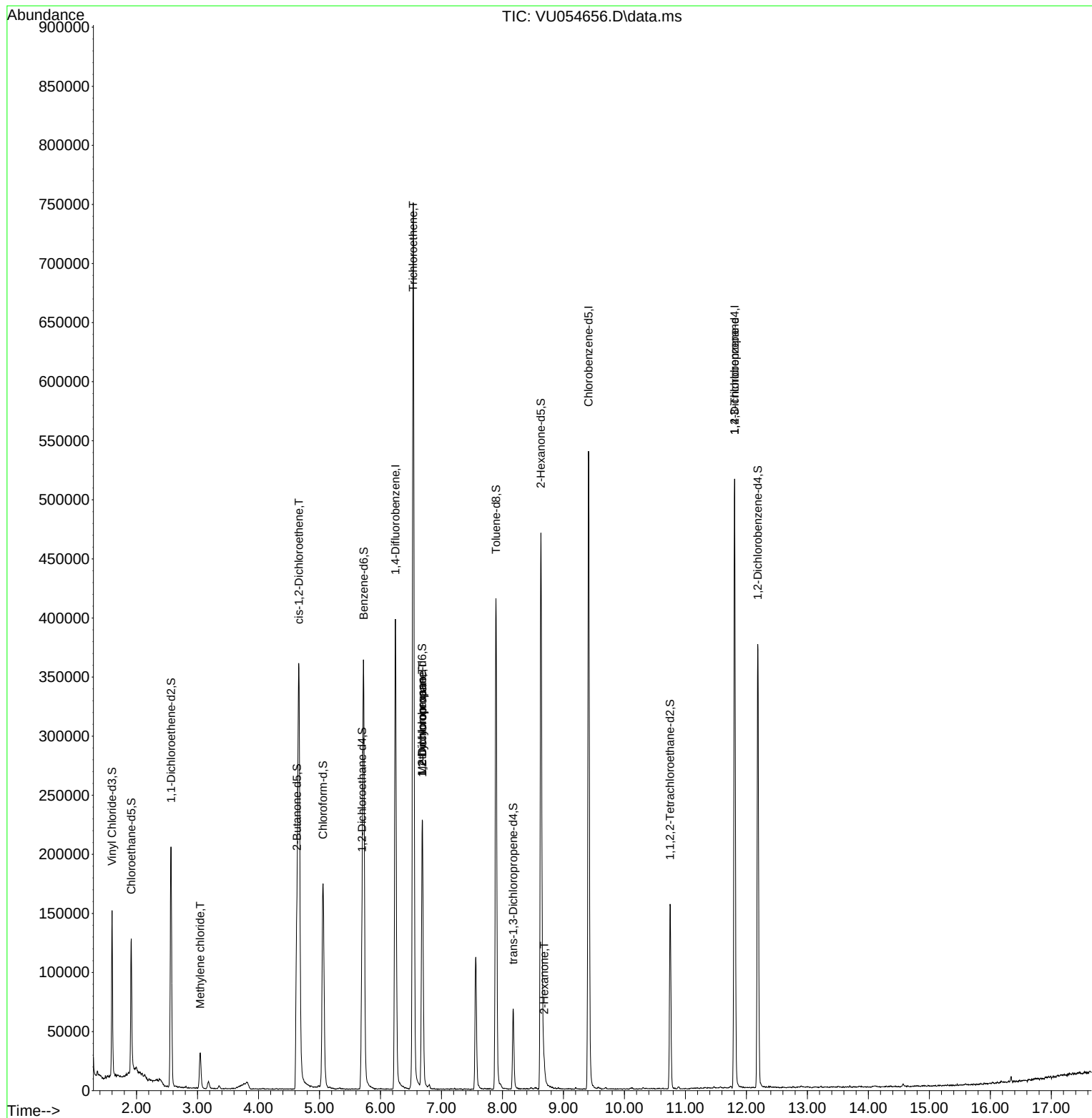
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	312034	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	298349	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	136471	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	101289	5.101	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.000%
7) Chloroethane-d5	1.914	69	82937	4.461	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.567	65	40072	4.518	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	4.631	46	242343	43.405	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.820%
24) Chloroform-d	5.058	84	166052	4.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
26) 1,2-Dichloroethane-d4	5.698	65	83721	4.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
32) Benzene-d6	5.724	84	335754	4.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.685	67	114051	4.118	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.400%
41) Toluene-d8	7.894	98	280771	3.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	8.177	79	38815	4.030	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.631	63	155964	38.597	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.200%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	81559	3.949	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	95594	4.153	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	13632	0.428	ug/L	84
22) cis-1,2-Dichloroethene	4.663	96	163420	6.141	ug/L	99
34) Trichloroethene	6.537	95	263861	9.306	ug/L	94
35) Methylcyclohexane	6.685	83	23976	0.559	ug/L #	16
37) 1,2-Dichloropropane	6.689	63	11645	0.402	ug/L #	90
48) 2-Hexanone	8.685	43	7664	0.665	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	17153	1.244	ug/L #	68

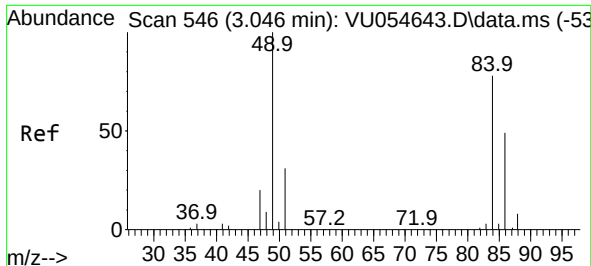
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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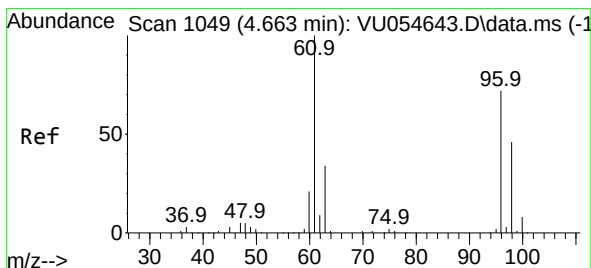
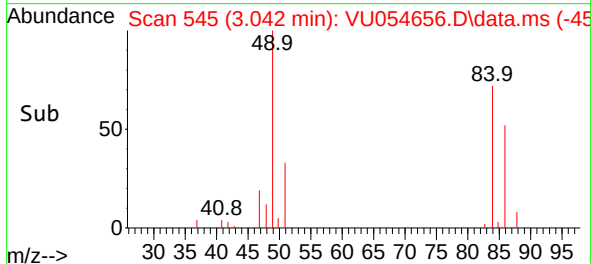
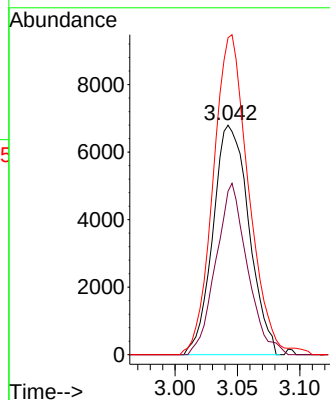
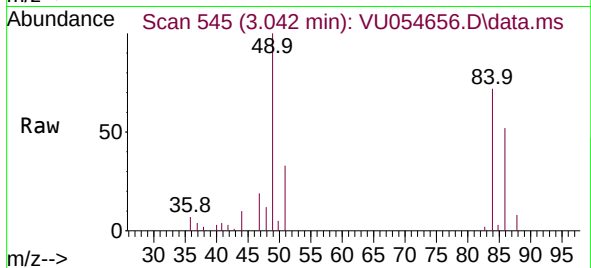




#16
Methylene chloride
Concen: 0.428 ug/L
RT: 3.042 min Scan# 546
Delta R.T. -0.003 min
Lab File: VU054656.D
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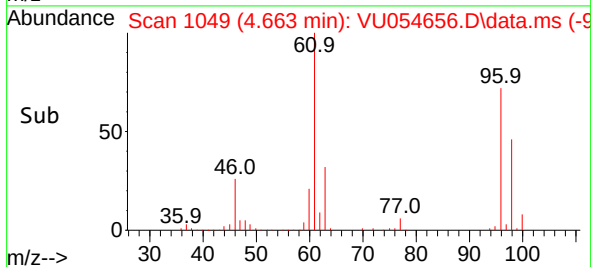
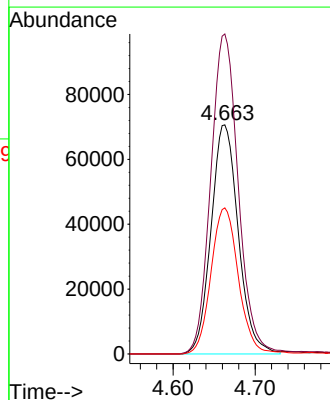
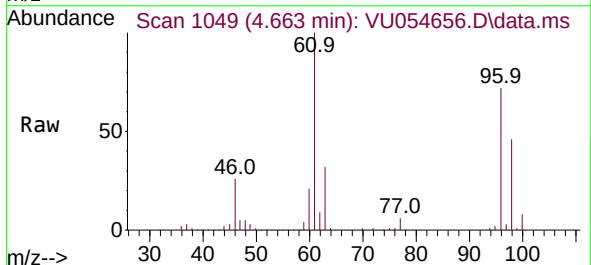
Instrument :
MSVOA_U
ClientSampleId :
GCA39DL2

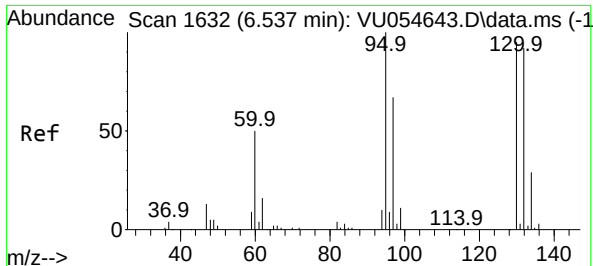
Tgt Ion: 84 Resp: 13632
Ion Ratio Lower Upper
84 100
86 71.2 43.9 81.5
49 144.7 86.1 159.9



#22
cis-1,2-Dichloroethene
Concen: 6.141 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU054656.D
Acq: 22 Jun 2023 15:13

Tgt Ion: 96 Resp: 163420
Ion Ratio Lower Upper
96 100
61 139.7 96.5 179.1
98 63.8 44.9 83.3

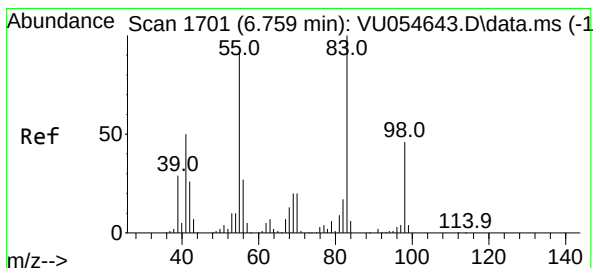
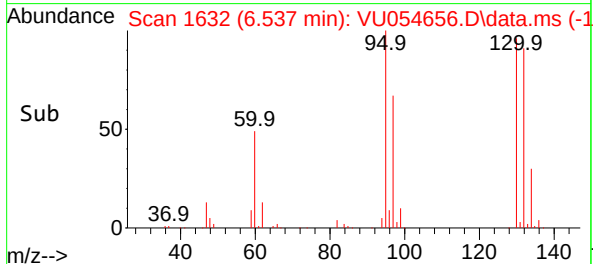
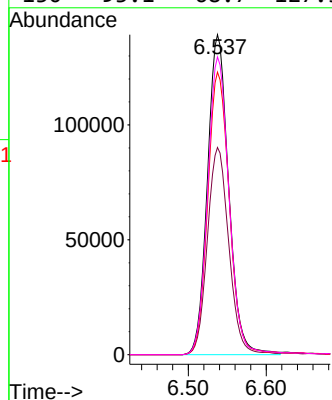
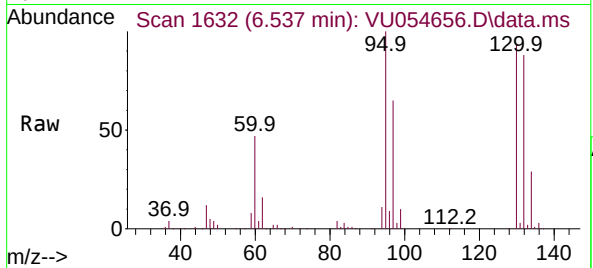




#34
Trichloroethene
Concen: 9.306 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU054656.D
Acq: 22 Jun 2023 15:13

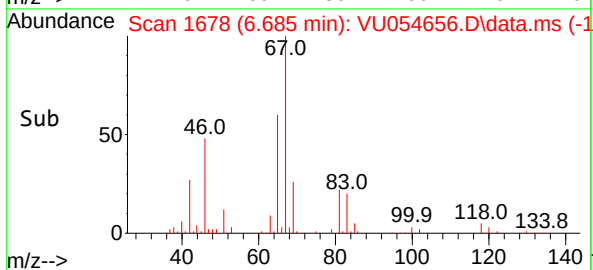
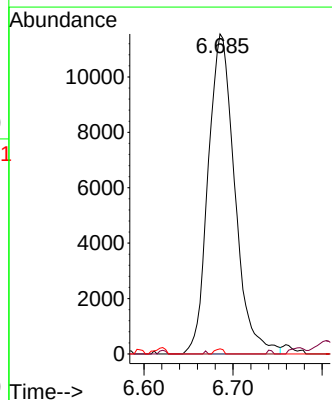
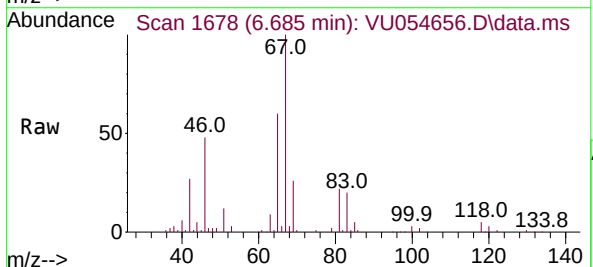
Instrument :
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ClientSampleId :
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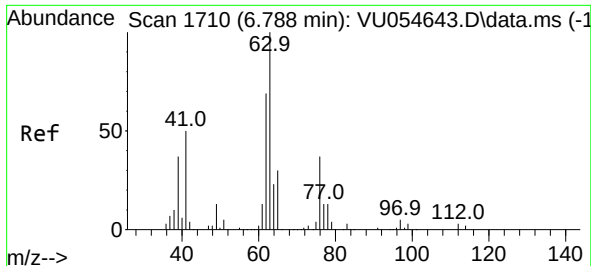
Tgt Ion: 95 Resp: 263861
Ion Ratio Lower Upper
95 100
97 64.8 46.8 87.0
132 88.3 68.4 127.0
130 93.1 68.7 127.5



#35
Methylcyclohexane
Concen: 0.559 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU054656.D
Acq: 22 Jun 2023 15:13

Tgt Ion: 83 Resp: 23976
Ion Ratio Lower Upper
83 100
55 0.2 67.1 100.7#
98 0.0 35.1 52.7#

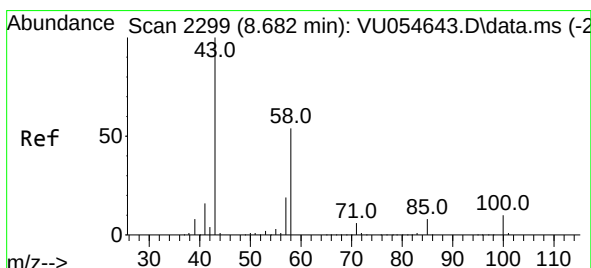
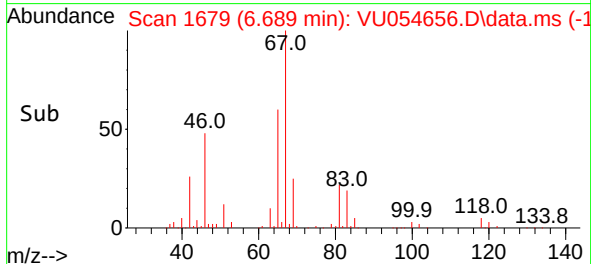
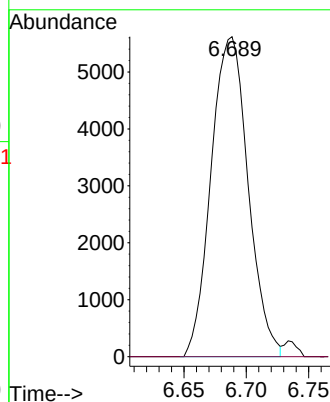
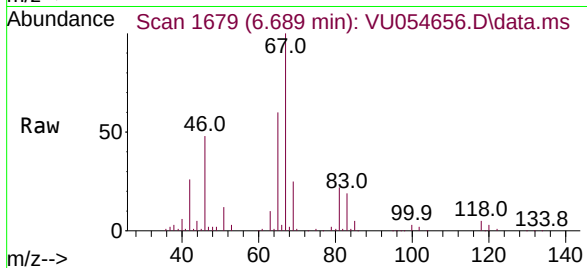




#37
1,2-Dichloropropane
Concen: 0.402 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU054656.D
Acq: 22 Jun 2023 15:13

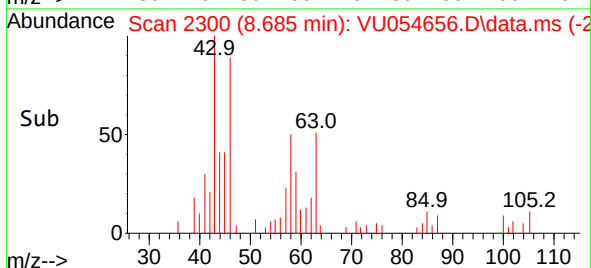
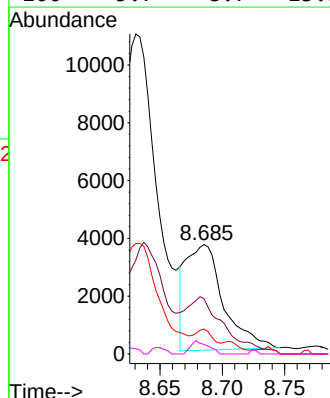
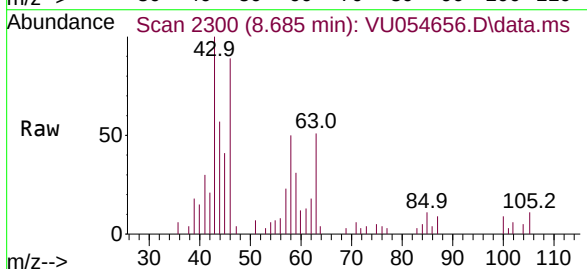
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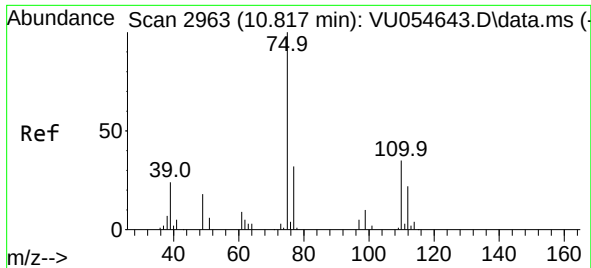
Tgt Ion: 63 Resp: 11645
Ion Ratio Lower Upper
63 100
112 0.4 3.0 4.6#



#48
2-Hexanone
Concen: 0.665 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU054656.D
Acq: 22 Jun 2023 15:13

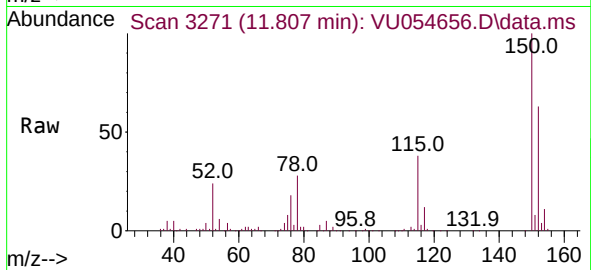
Tgt Ion: 43 Resp: 7664
Ion Ratio Lower Upper
43 100
58 54.6 45.2 67.8
57 6.5 15.8 23.6#
100 5.7 8.7 13.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.244 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU054656.D
 Acq: 22 Jun 2023 15:13

Instrument :
 MSVOA_U
 ClientSampleId :
 GCA39DL2



Tgt Ion: 75 Resp: 17153
 Ion Ratio Lower Upper
 75 100
 110 2.9 28.0 42.0#
 77 34.9 25.4 38.2

