

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091323\
 Data File : VU055285.D
 Acq On : 13 Sep 2023 15:27
 Operator : MD/SY
 Sample : 04306-05DL 40000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 14 05:05:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 14 05:00:29 2023
 Response via : Initial Calibration

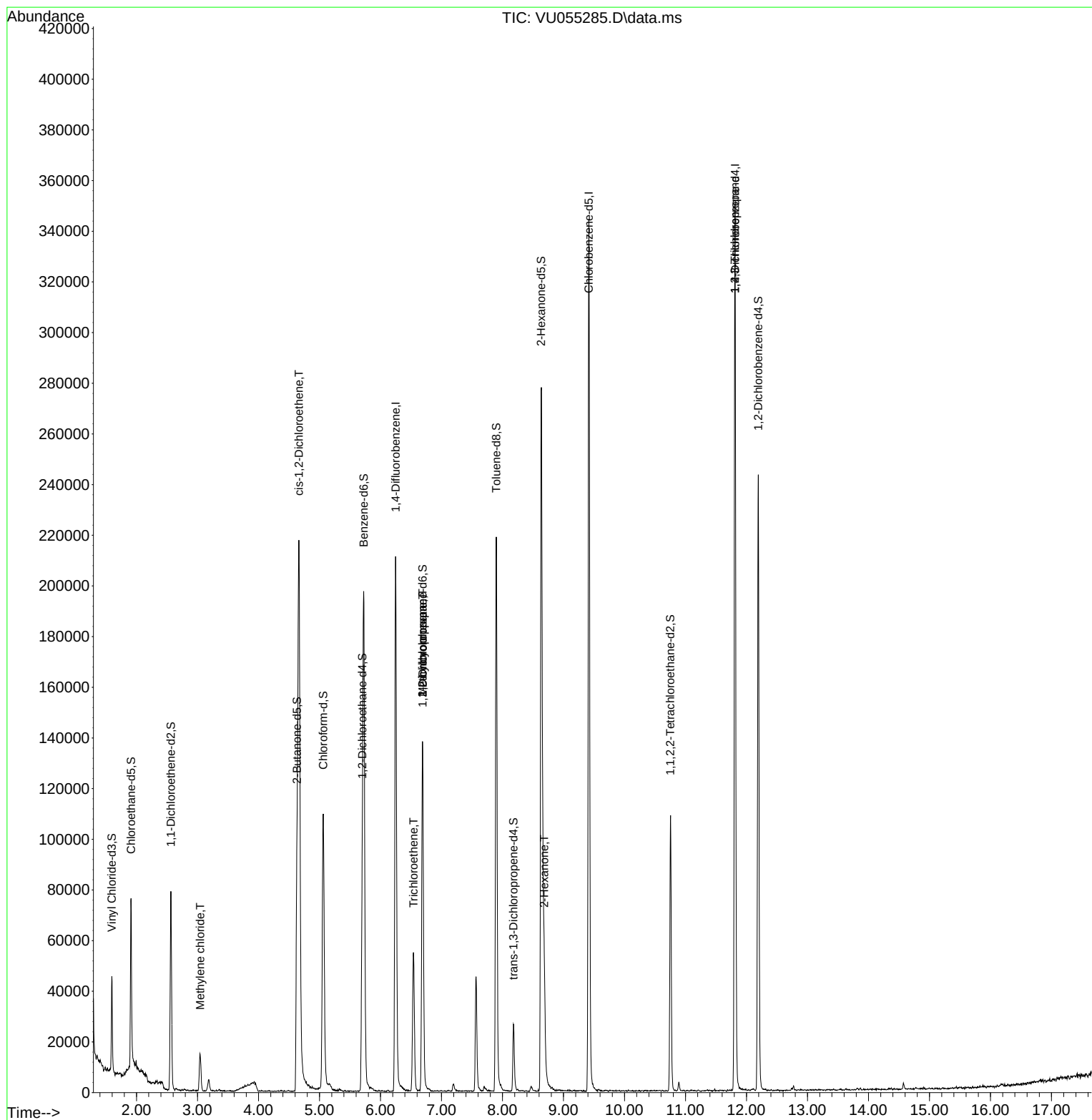
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	170570	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	189635	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	89528	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	25095	3.139	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.800%
7) Chloroethane-d5	1.911	69	45790	4.948	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.563	65	14639	3.214	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.200%
20) 2-Butanone-d5	4.631	46	155108	66.860	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.720%#
24) Chloroform-d	5.061	84	102148	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.701	65	55900	5.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.724	84	181947	3.887	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
36) 1,2-Dichloropropane-d6	6.688	67	66454	4.464	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.897	98	155250	3.600	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.000%
43) trans-1,3-Dichloroprop...	8.180	79	16309	3.978	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.634	63	86231	51.805	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.600%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	52179	4.983	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	62481	4.781	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	6979	0.579	ug/L	92
22) cis-1,2-Dichloroethene	4.663	96	94295	9.628	ug/L	92
34) Trichloroethene	6.541	95	16874	1.504	ug/L	96
35) Methylcyclohexane	6.688	83	15186	0.965	ug/L #	20
37) 1,2-Dichloropropane	6.692	63	7904	0.719	ug/L #	88
48) 2-Hexanone	8.685	43	27745	5.651	ug/L #	79
61) 1,2,3-Trichloropropane	11.810	75	13603	2.290	ug/L #	67

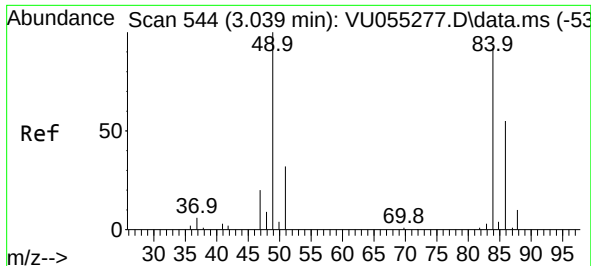
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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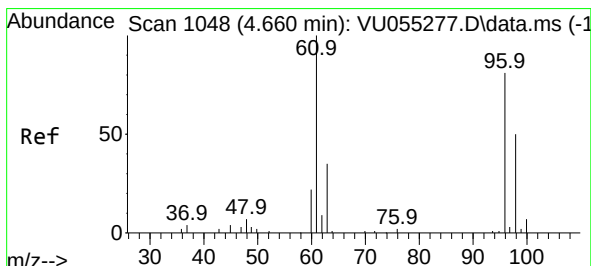
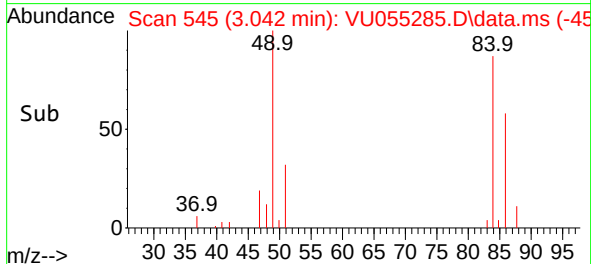
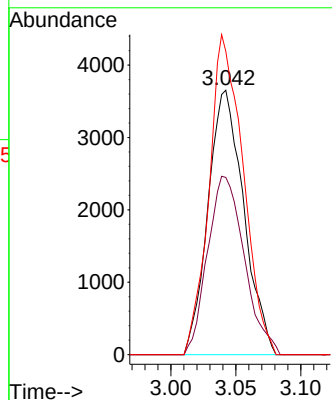
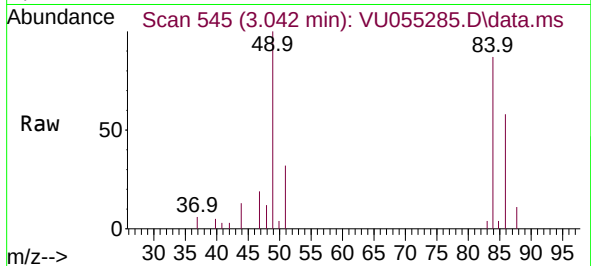


#16
Methylene chloride
Concen: 0.579 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU055285.D
Acq: 13 Sep 2023 15:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 6979

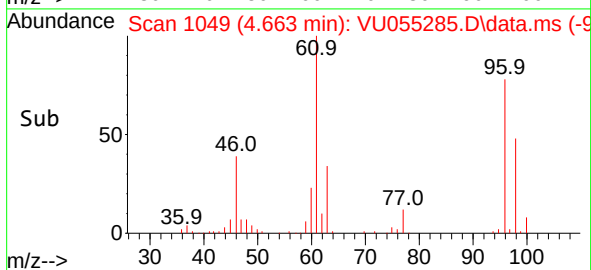
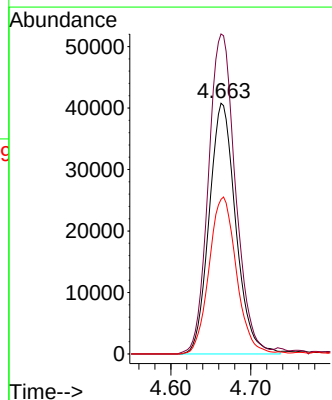
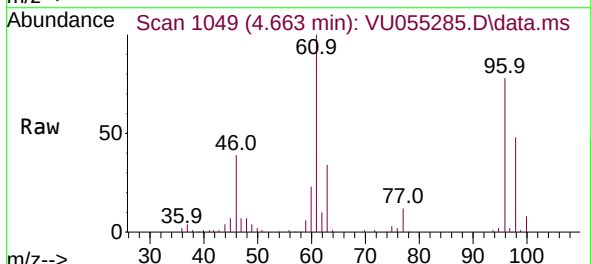
Ion	Ratio	Lower	Upper
84	100		
86	67.0	43.4	80.6
49	114.7	87.7	162.9

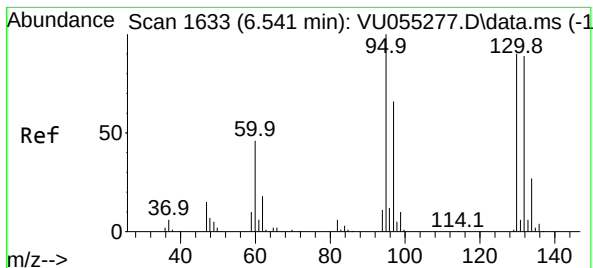


#22
cis-1,2-Dichloroethene
Concen: 9.628 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU055285.D
Acq: 13 Sep 2023 15:27

Tgt Ion: 96 Resp: 94295

Ion	Ratio	Lower	Upper
96	100		
61	127.6	97.2	180.4
98	61.7	46.1	85.7





#34

Trichloroethene

Concen: 1.504 ug/L

RT: 6.541 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055285.D

Acq: 13 Sep 2023 15:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 16874

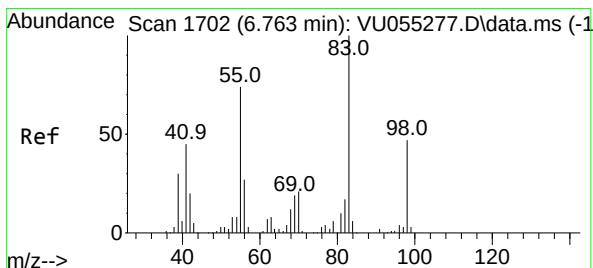
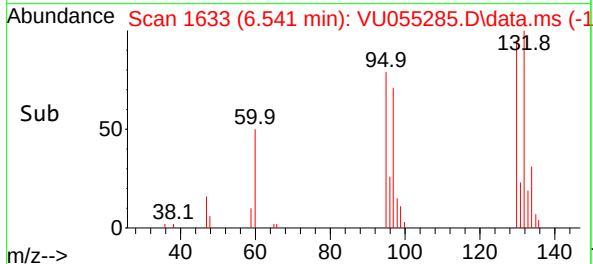
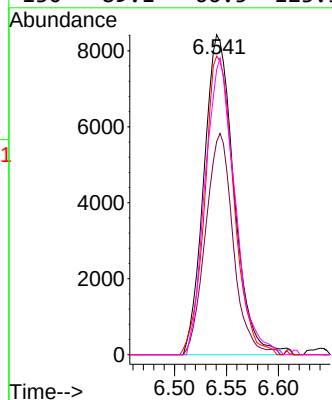
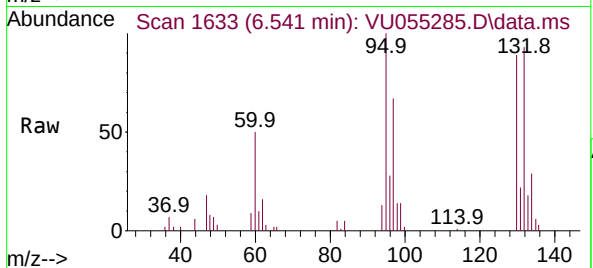
Ion Ratio Lower Upper

95 100

97 66.6 44.7 83.1

132 93.3 66.6 123.6

130 89.1 66.5 123.5



#35

Methylcyclohexane

Concen: 0.965 ug/L

RT: 6.688 min Scan# 1679

Delta R.T. -0.074 min

Lab File: VU055285.D

Acq: 13 Sep 2023 15:27

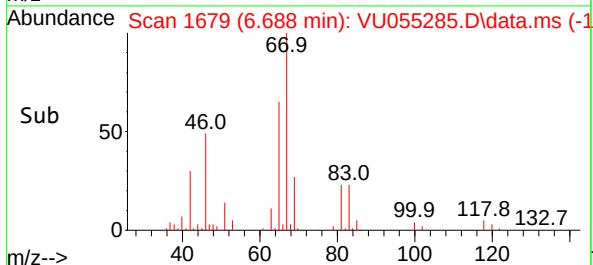
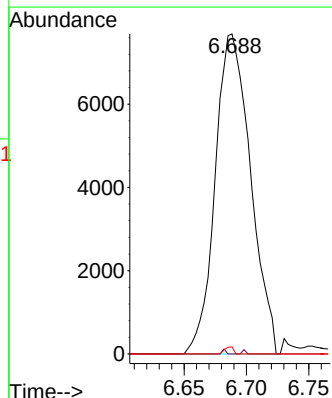
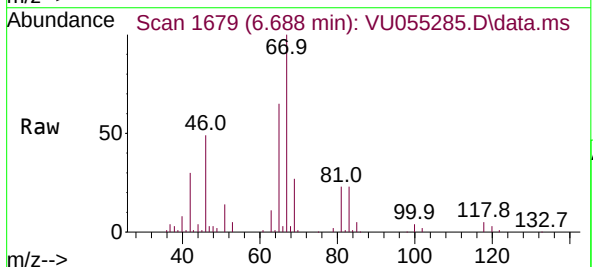
Tgt Ion: 83 Resp: 15186

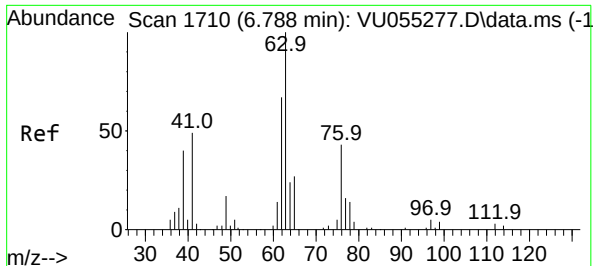
Ion Ratio Lower Upper

83 100

55 0.2 60.4 90.6#

98 1.7 35.3 52.9#

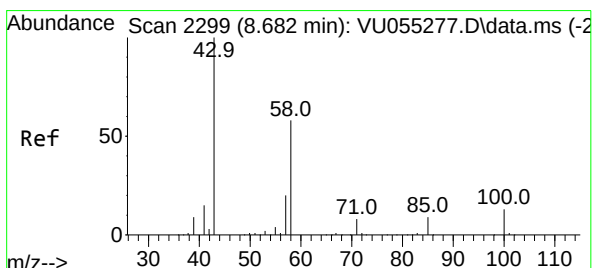
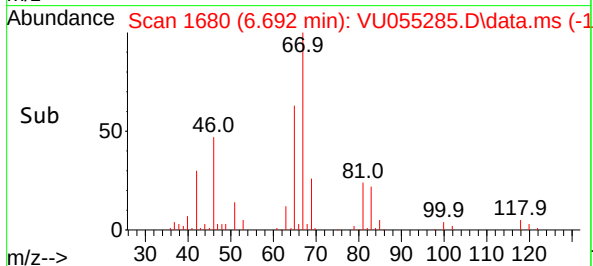
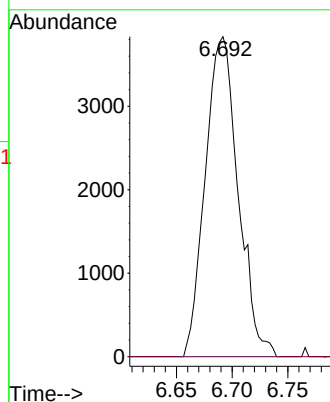
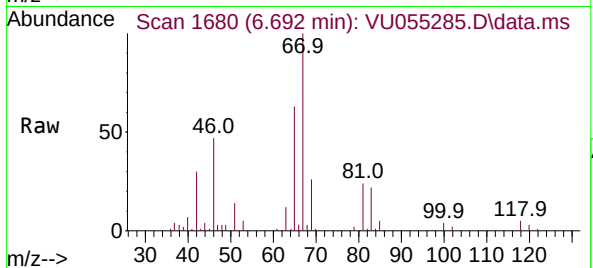




#37
1,2-Dichloropropane
Concen: 0.719 ug/L
RT: 6.692 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU055285.D
Acq: 13 Sep 2023 15:27

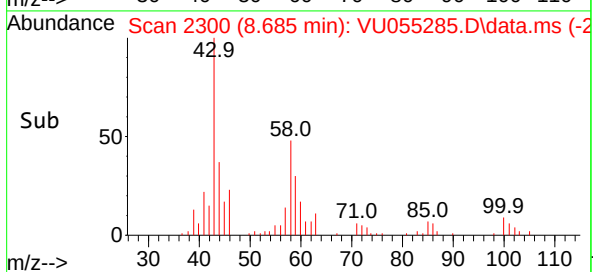
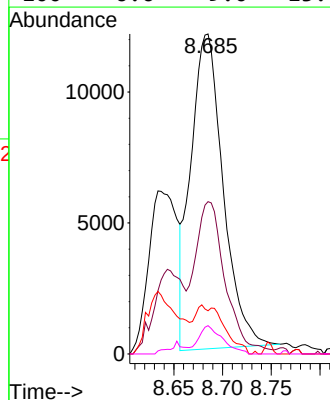
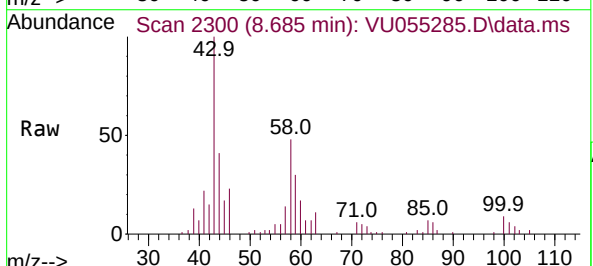
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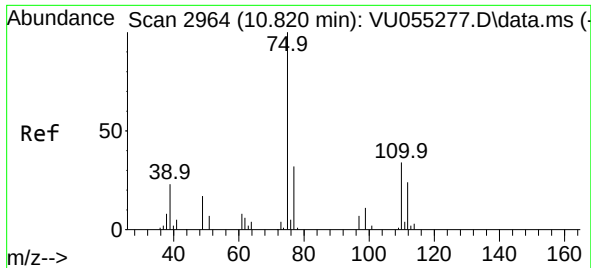
Tgt Ion: 63 Resp: 7904
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#48
2-Hexanone
Concen: 5.651 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055285.D
Acq: 13 Sep 2023 15:27

Tgt Ion: 43 Resp: 27745
Ion Ratio Lower Upper
43 100
58 43.4 44.0 66.0#
57 1.8 16.2 24.2#
100 6.6 9.0 13.4#





#61

1,2,3-Trichloropropane

Concen: 2.290 ug/L

RT: 11.810 min Scan# 31

Delta R.T. 0.990 min

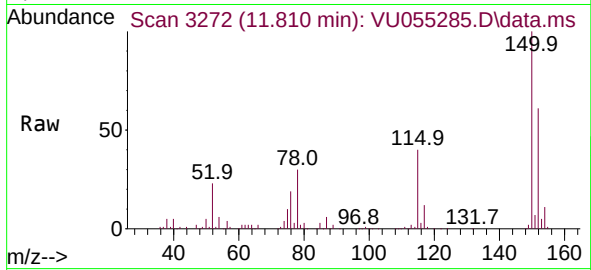
Lab File: VU055285.D

Acq: 13 Sep 2023 15:27

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 13603

Ion Ratio Lower Upper

75 100

110 2.3 28.2 42.2#

77 28.6 26.2 39.4

