

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092223\
 Data File : VU055470.D
 Acq On : 22 Sep 2023 19:28
 Operator : MD/SY
 Sample : 04579-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 25 01:13:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 25 01:08:17 2023
 Response via : Initial Calibration

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

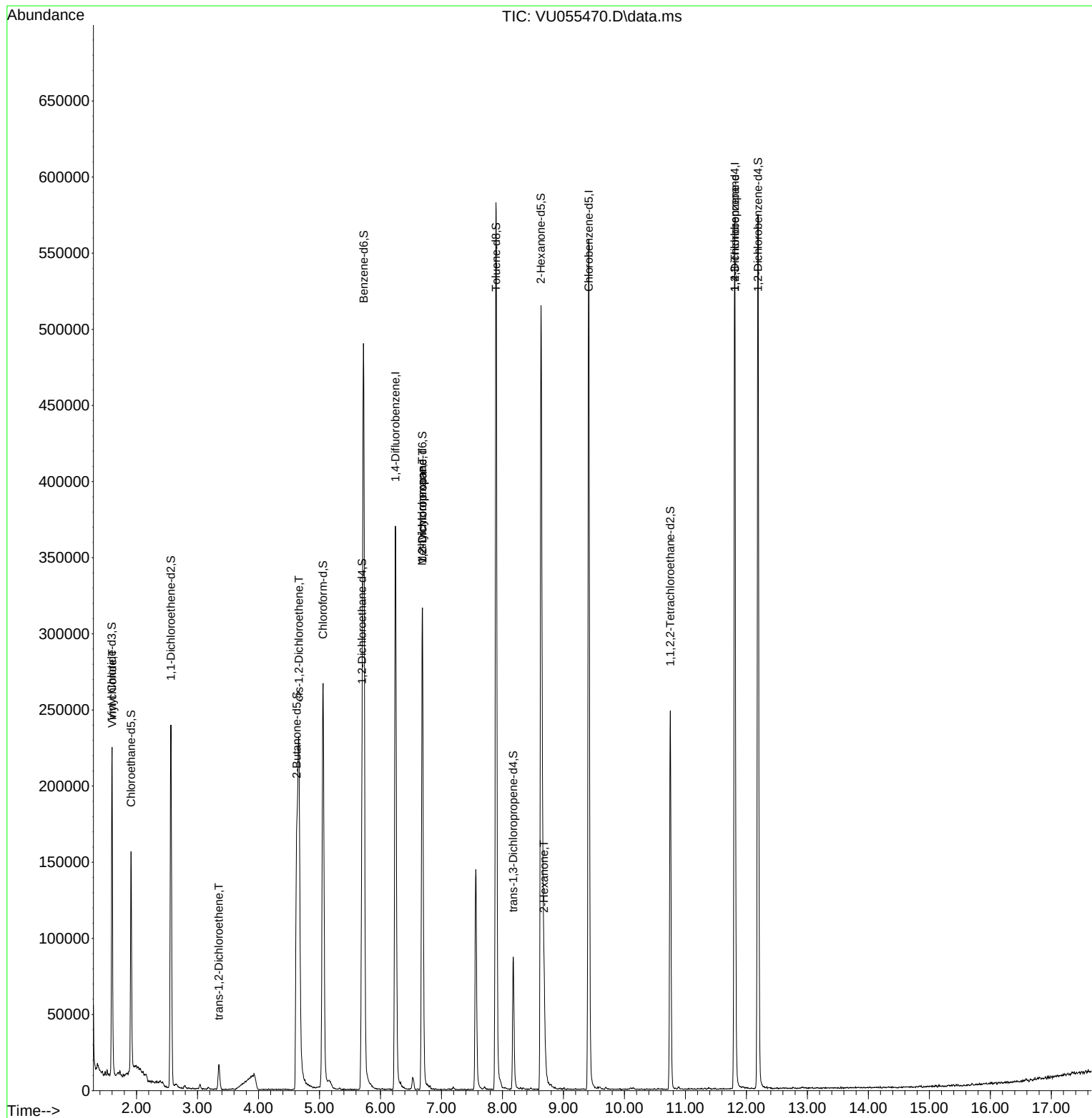
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	305334	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	321464	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	154838	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	96377	3.123	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	62.400%	
7) Chloroethane-d5	1.911	69	100436	3.693	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.800%	
11) 1,1-Dichloroethene-d2	2.563	65	45428	3.576	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.600%	
20) 2-Butanone-d5	4.628	46	296256	53.150	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.300%	
24) Chloroform-d	5.058	84	253999	4.550	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.000%	
26) 1,2-Dichloroethane-d4	5.698	65	131026	4.880	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.600%	
32) Benzene-d6	5.724	84	475034	4.225	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.400%	
36) 1,2-Dichloropropane-d6	6.689	67	152394	4.536	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.800%	
41) Toluene-d8	7.894	98	402953	3.932	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.600%	
43) trans-1,3-Dichloroprop...	8.177	79	50754	4.305	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.000%	
46) 2-Hexanone-d5	8.631	63	157598	43.947	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.900%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	123299	4.897	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	149722	4.791	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.800%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	64345	2.281	ug/L	96
18) trans-1,2-Dichloroethene	3.351	96	7203	0.335	ug/L	92
22) cis-1,2-Dichloroethene	4.663	96	91131	3.653	ug/L	100
35) Methylcyclohexane	6.685	83	36222	0.961	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	16634	0.687	ug/L #	90
48) 2-Hexanone	8.682	43	38323	4.505	ug/L #	94
61) 1,2,3-Trichloropropane	11.811	75	18079	1.496	ug/L #	66

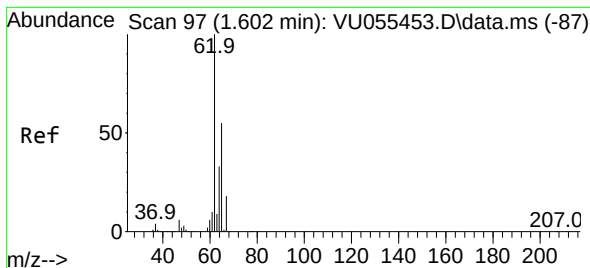
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.281 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

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Acq: 22 Sep 2023 19:28

Instrument :

MSVOA_U

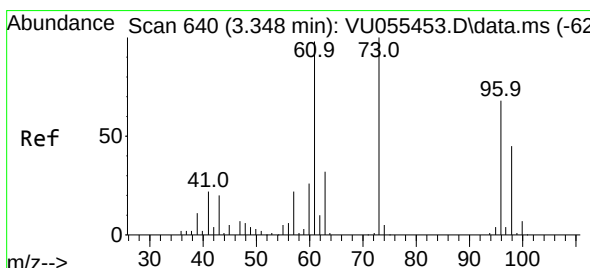
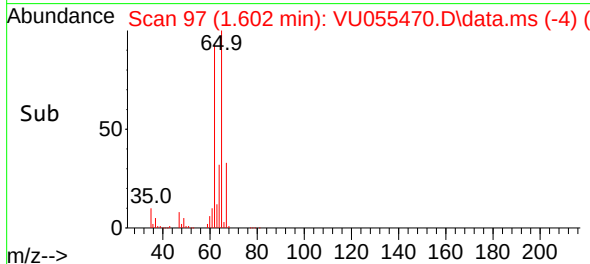
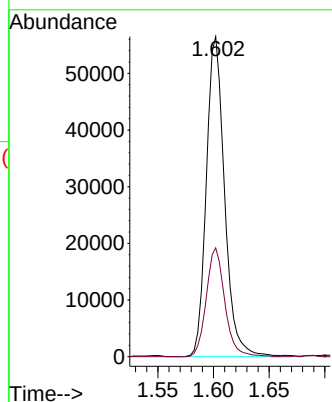
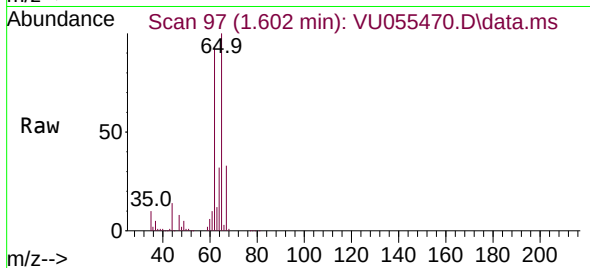
ClientSampleId :

Tgt Ion: 62 Resp: 64345

Ion Ratio Lower Upper

62 100

64 34.0 22.3 41.5



#18

trans-1,2-Dichloroethene

Concen: 0.335 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.003 min

Lab File: VU055470.D

Acq: 22 Sep 2023 19:28

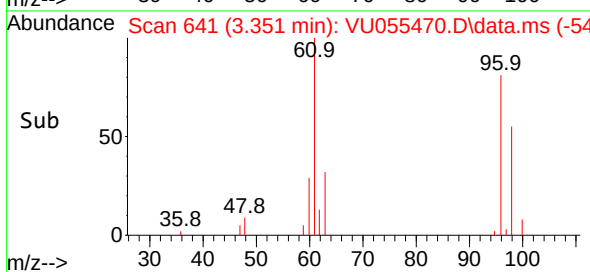
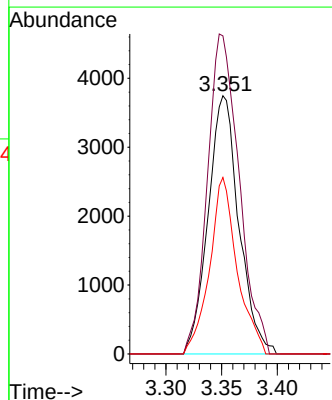
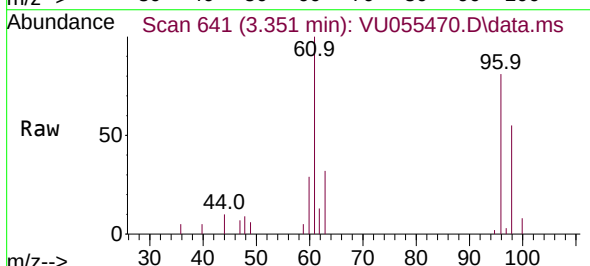
Tgt Ion: 96 Resp: 7203

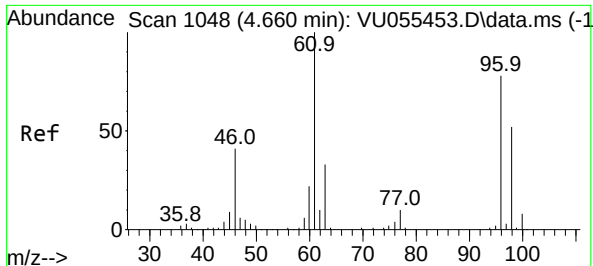
Ion Ratio Lower Upper

96 100

61 123.2 94.6 175.6

98 68.3 45.7 84.9





#22

cis-1,2-Dichloroethene

Concen: 3.653 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU055470.D

Acq: 22 Sep 2023 19:28

Instrument :

MSVOA_U

ClientSampleId :

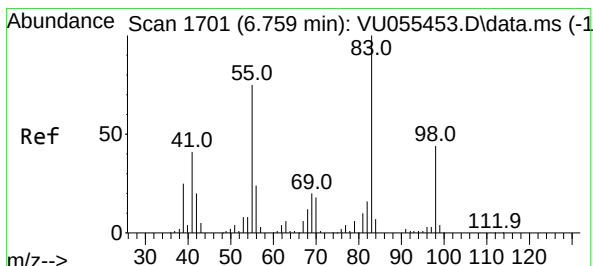
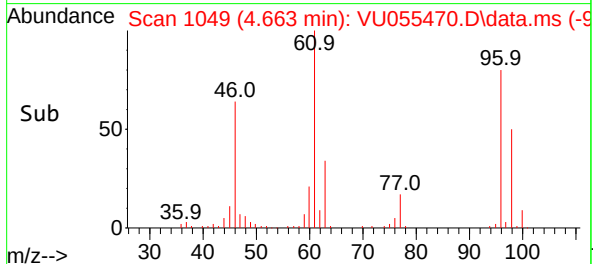
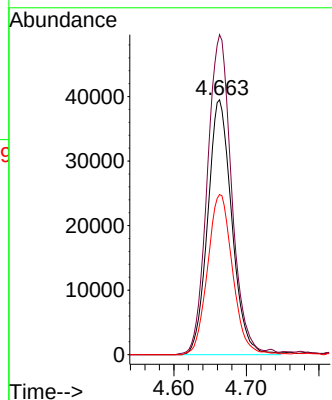
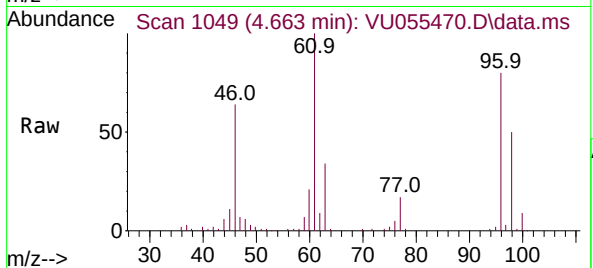
Tgt Ion: 96 Resp: 91131

Ion Ratio Lower Upper

96 100

61 125.5 87.8 163.2

98 62.8 44.4 82.4



#35

Methylcyclohexane

Concen: 0.961 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU055470.D

Acq: 22 Sep 2023 19:28

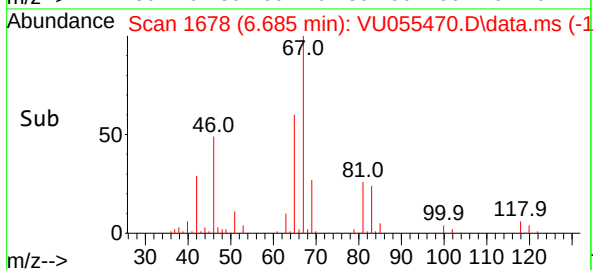
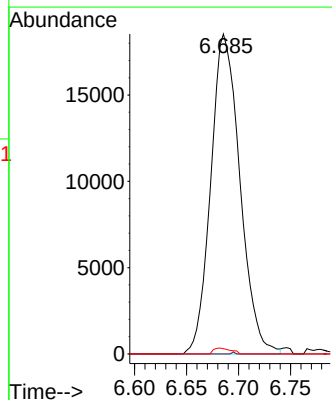
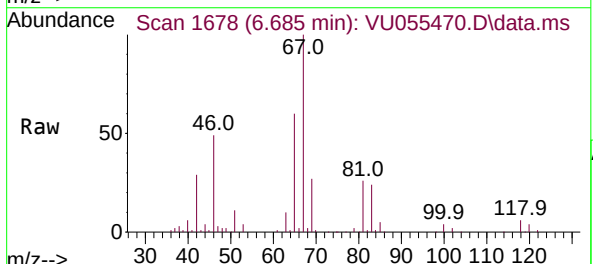
Tgt Ion: 83 Resp: 36222

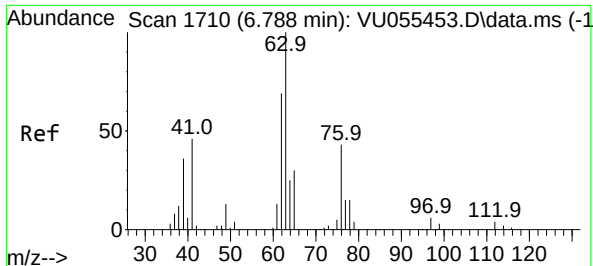
Ion Ratio Lower Upper

83 100

55 0.1 59.1 88.7#

98 1.1 36.3 54.5#

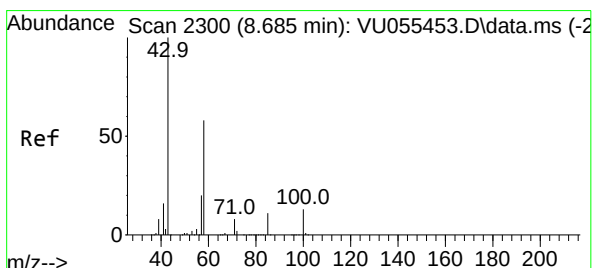
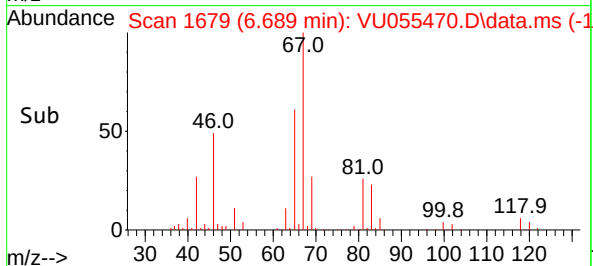
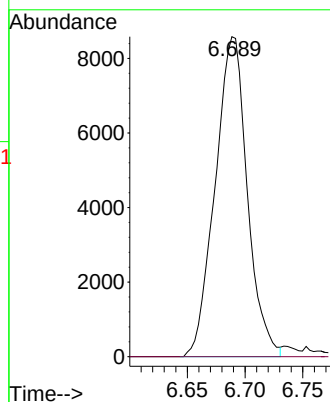
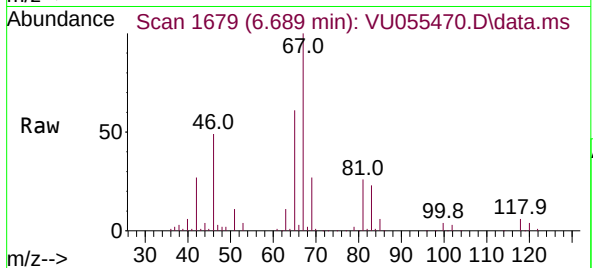




#37
1,2-Dichloropropane
Concen: 0.687 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU055470.D
Acq: 22 Sep 2023 19:28

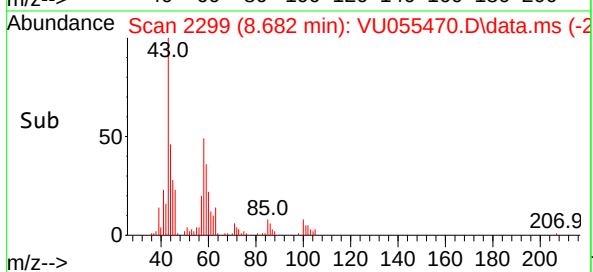
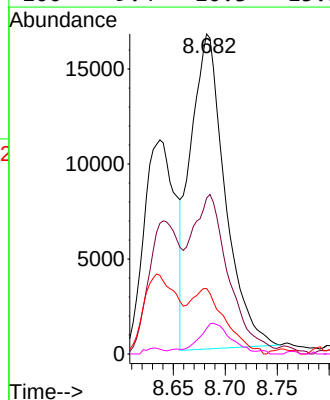
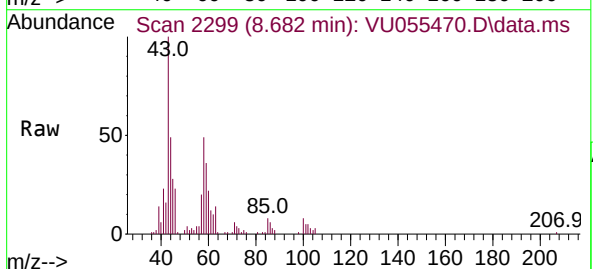
Instrument :
MSVOA_U
ClientSampleId :

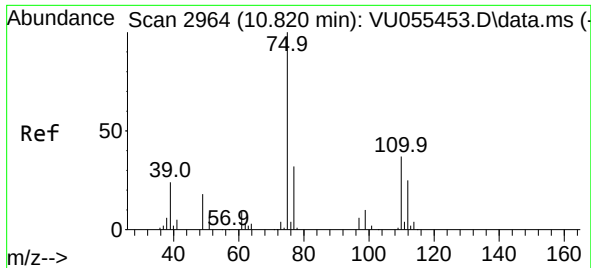
Tgt Ion: 63 Resp: 16634
Ion Ratio Lower Upper
63 100
112 0.5 3.0 4.6#



#48
2-Hexanone
Concen: 4.505 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.003 min
Lab File: VU055470.D
Acq: 22 Sep 2023 19:28

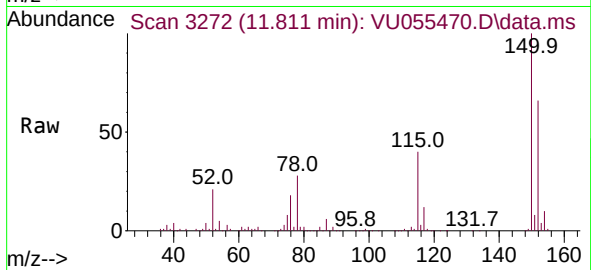
Tgt Ion: 43 Resp: 38323
Ion Ratio Lower Upper
43 100
58 54.9 48.5 72.7
57 20.2 17.0 25.4
100 9.4 10.3 15.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.496 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055470.D
 Acq: 22 Sep 2023 19:28

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 18079
 Ion Ratio Lower Upper
 75 100
 110 1.9 30.6 45.8#
 77 35.9 26.7 40.1

