

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092223\
 Data File : VU055469.D
 Acq On : 22 Sep 2023 19:04
 Operator : MD/SY
 Sample : 04579-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 25 01:13:15 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)

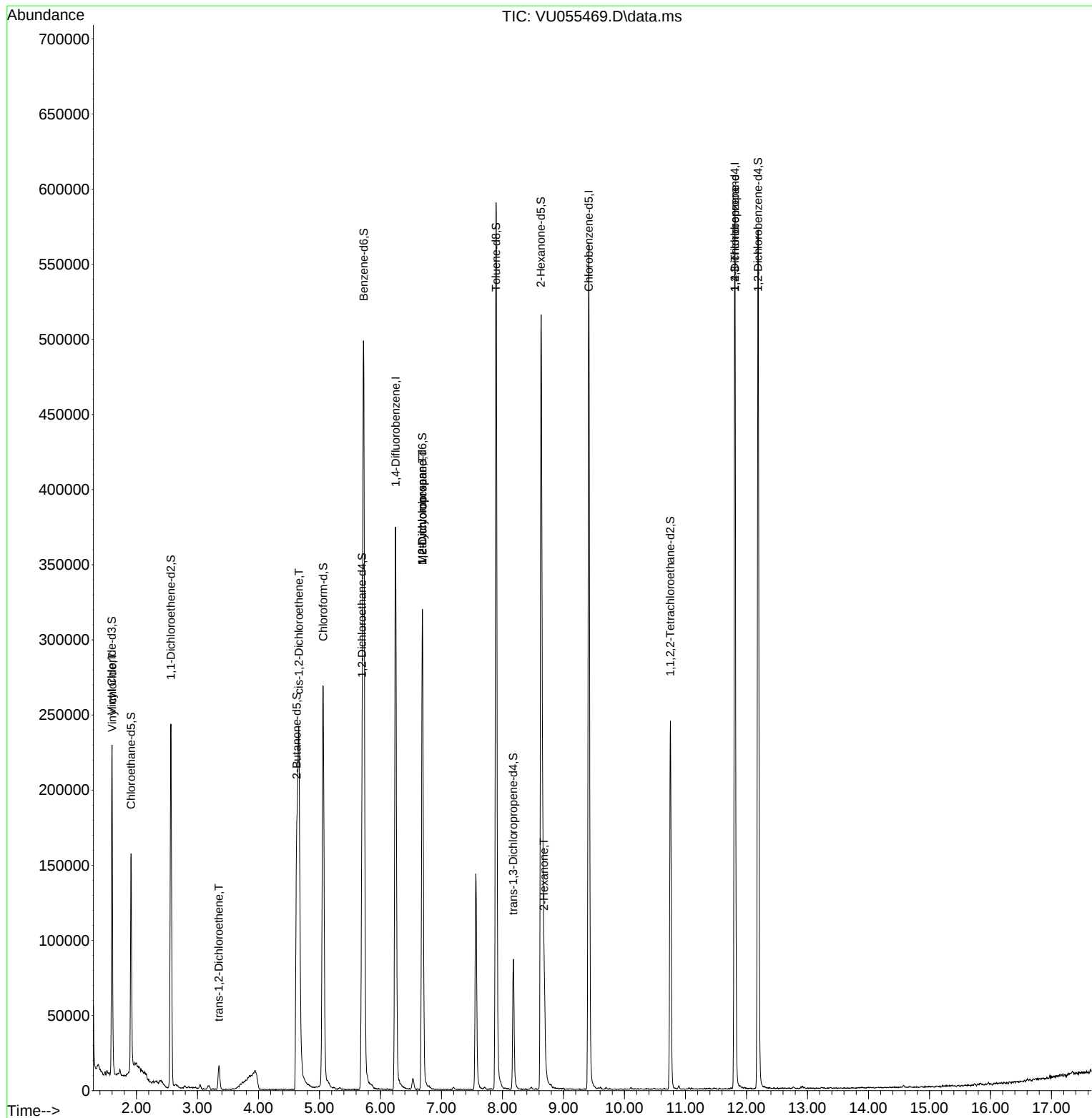
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	312344	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	320371	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	157659	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	98869	3.132	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.600%
7) Chloroethane-d5	1.911	69	101567	3.651	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.000%
11) 1,1-Dichloroethene-d2	2.563	65	46216	3.557	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	4.628	46	299877	52.592	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.180%
24) Chloroform-d	5.059	84	255631	4.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.698	65	134286	4.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.724	84	478415	4.269	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.685	67	153519	4.585	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.894	98	408719	4.002	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	8.177	79	52262	4.448	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.631	63	161610	45.219	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.440%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	124618	4.966	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	150436	4.728	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	65127	2.257	ug/L	96
18) trans-1,2-Dichloroethene	3.351	96	6797	0.309	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	97359	3.815	ug/L	96
35) Methylcyclohexane	6.685	83	36878	0.982	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	17003	0.705	ug/L #	89
48) 2-Hexanone	8.682	43	43198	5.095	ug/L #	82
61) 1,2,3-Trichloropropane	11.811	75	18567	1.509	ug/L #	68

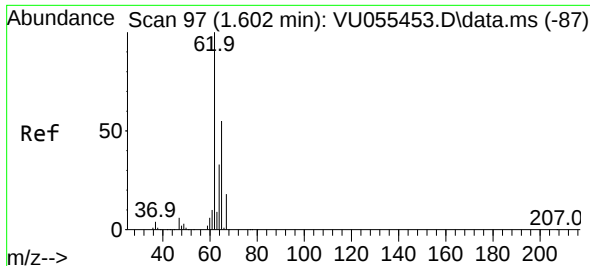
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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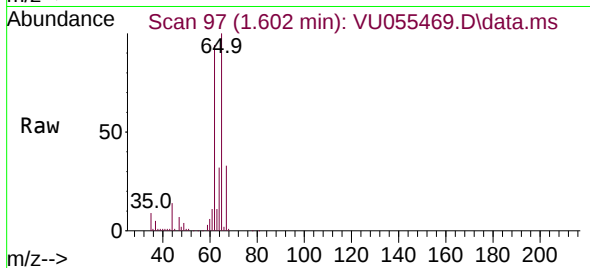
Quant Time: Sep 25 01:13:15 2023
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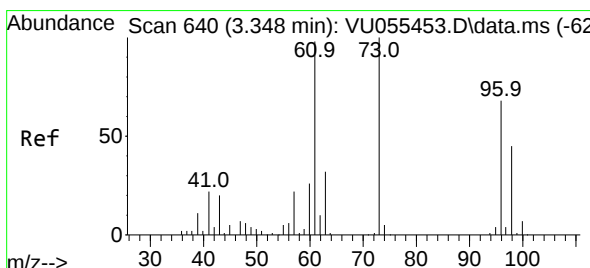
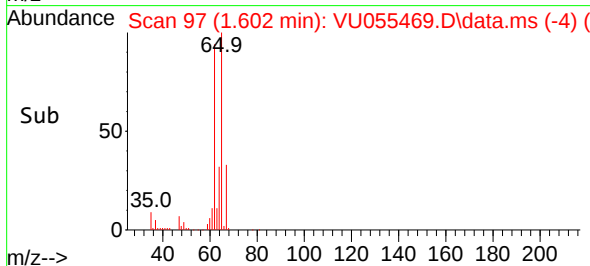
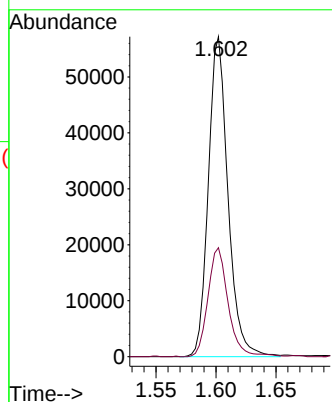


#5
 Vinyl chloride
 Concen: 2.257 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055469.D
 Acq: 22 Sep 2023 19:04

Instrument :
 MSVOA_U
 ClientSampleId :

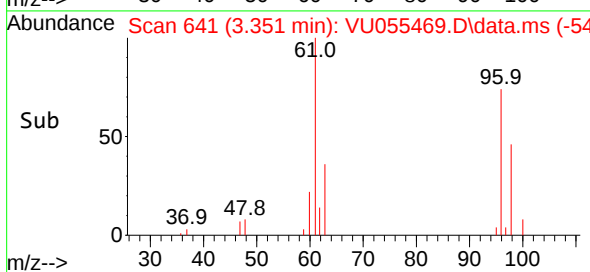
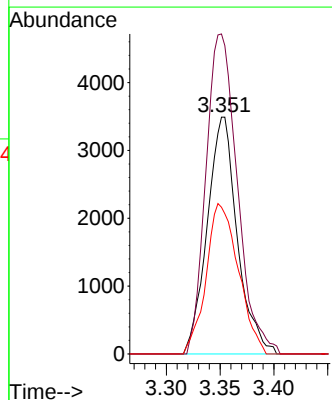
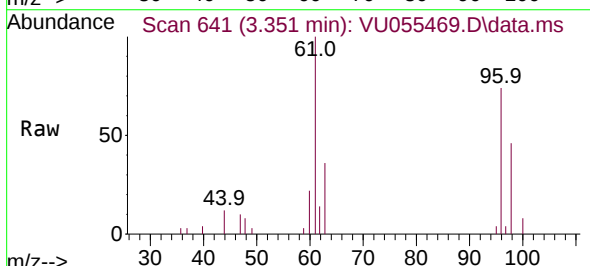


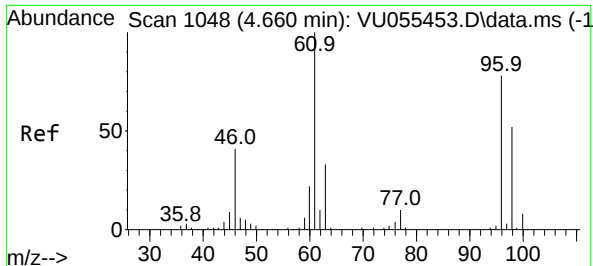
Tgt Ion: 62 Resp: 65127
 Ion Ratio Lower Upper
 62 100
 64 34.0 22.3 41.5



#18
 trans-1,2-Dichloroethene
 Concen: 0.309 ug/L
 RT: 3.351 min Scan# 641
 Delta R.T. 0.003 min
 Lab File: VU055469.D
 Acq: 22 Sep 2023 19:04

Tgt Ion: 96 Resp: 6797
 Ion Ratio Lower Upper
 96 100
 61 135.1 94.6 175.6
 98 62.0 45.7 84.9





#22

cis-1,2-Dichloroethene

Concen: 3.815 ug/L

RT: 4.663 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU055469.D

Acq: 22 Sep 2023 19:04

Instrument :

MSVOA_U

ClientSampleId :

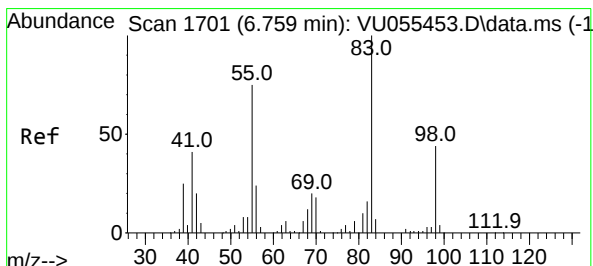
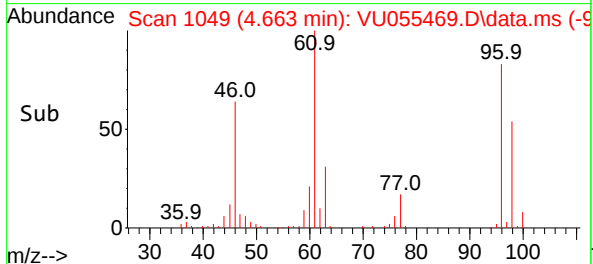
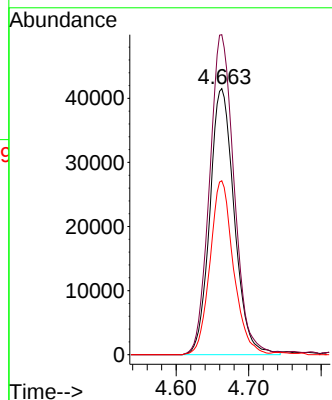
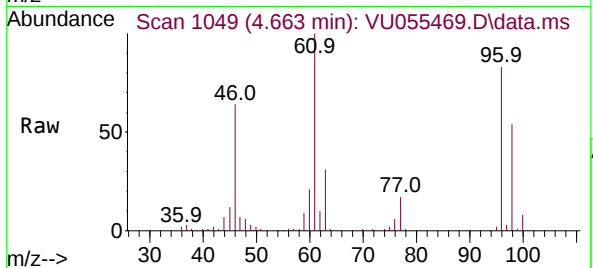
Tgt Ion: 96 Resp: 97359

Ion Ratio Lower Upper

96 100

61 120.3 87.8 163.2

98 65.4 44.4 82.4



#35

Methylcyclohexane

Concen: 0.982 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU055469.D

Acq: 22 Sep 2023 19:04

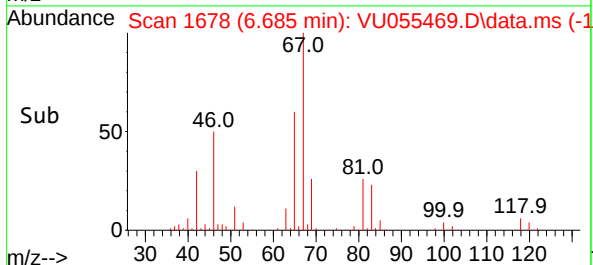
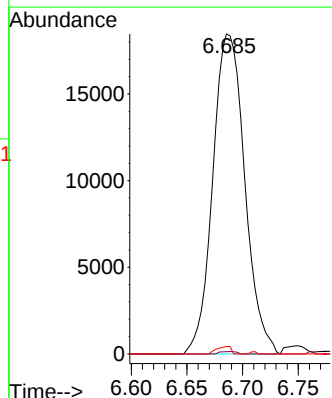
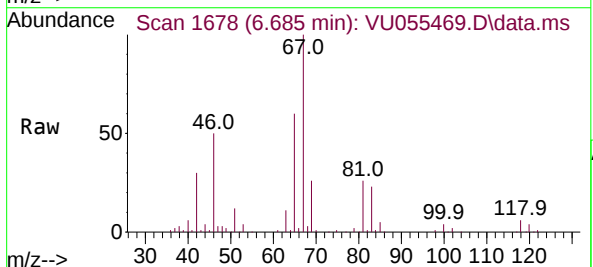
Tgt Ion: 83 Resp: 36878

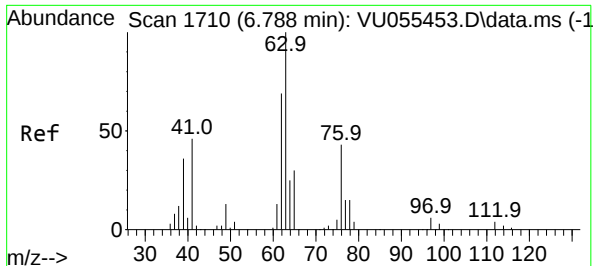
Ion Ratio Lower Upper

83 100

55 0.4 59.1 88.7#

98 1.0 36.3 54.5#





#37

1,2-Dichloropropane

Concen: 0.705 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU055469.D

Acq: 22 Sep 2023 19:04

Instrument :

MSVOA_U

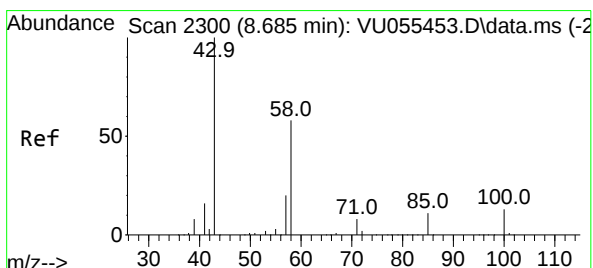
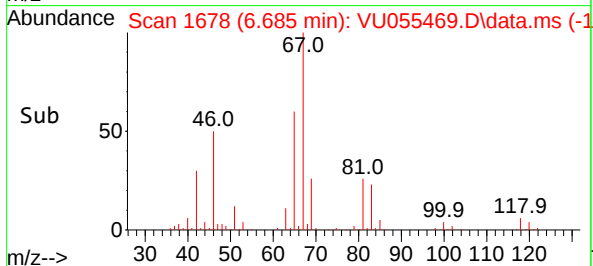
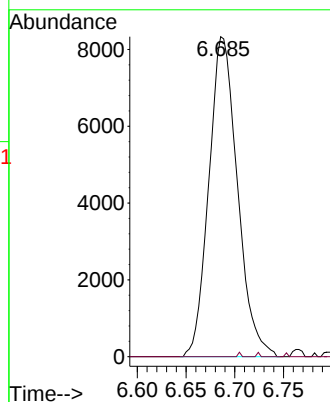
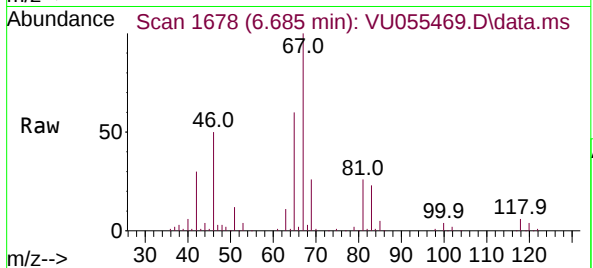
ClientSampleId :

Tgt Ion: 63 Resp: 17003

Ion Ratio Lower Upper

63 100

112 0.1 3.0 4.6#



#48

2-Hexanone

Concen: 5.095 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. -0.003 min

Lab File: VU055469.D

Acq: 22 Sep 2023 19:04

Tgt Ion: 43 Resp: 43198

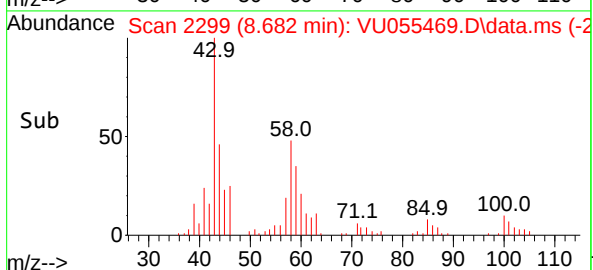
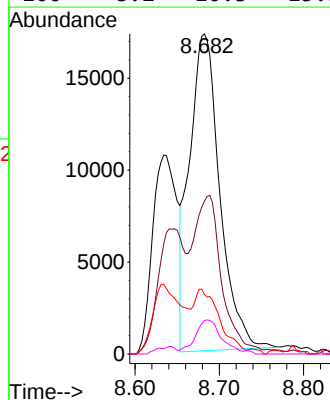
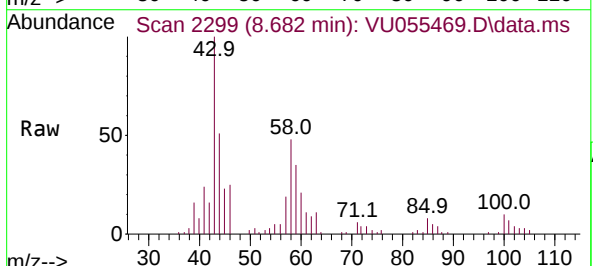
Ion Ratio Lower Upper

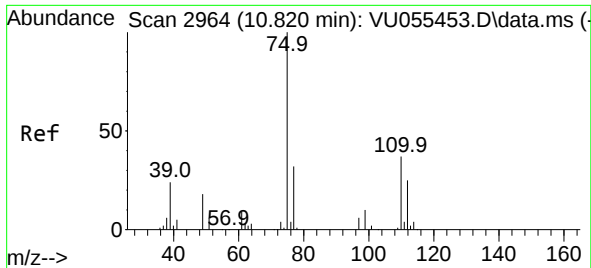
43 100

58 43.8 48.5 72.7#

57 17.2 17.0 25.4

100 8.2 10.3 15.5#





#61

1,2,3-Trichloropropane

Concen: 1.509 ug/L

RT: 11.811 min Scan# 31

Delta R.T. 0.991 min

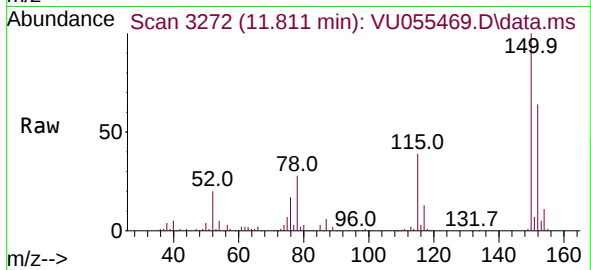
Lab File: VU055469.D

Acq: 22 Sep 2023 19:04

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 18567

Ion Ratio Lower Upper

75 100

110 2.9 30.6 45.8#

77 34.2 26.7 40.1

