

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092823\
 Data File : VU055590.D
 Acq On : 28 Sep 2023 20:02
 Operator : MD/SY
 Sample : 04530-06 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 29 02:16:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

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

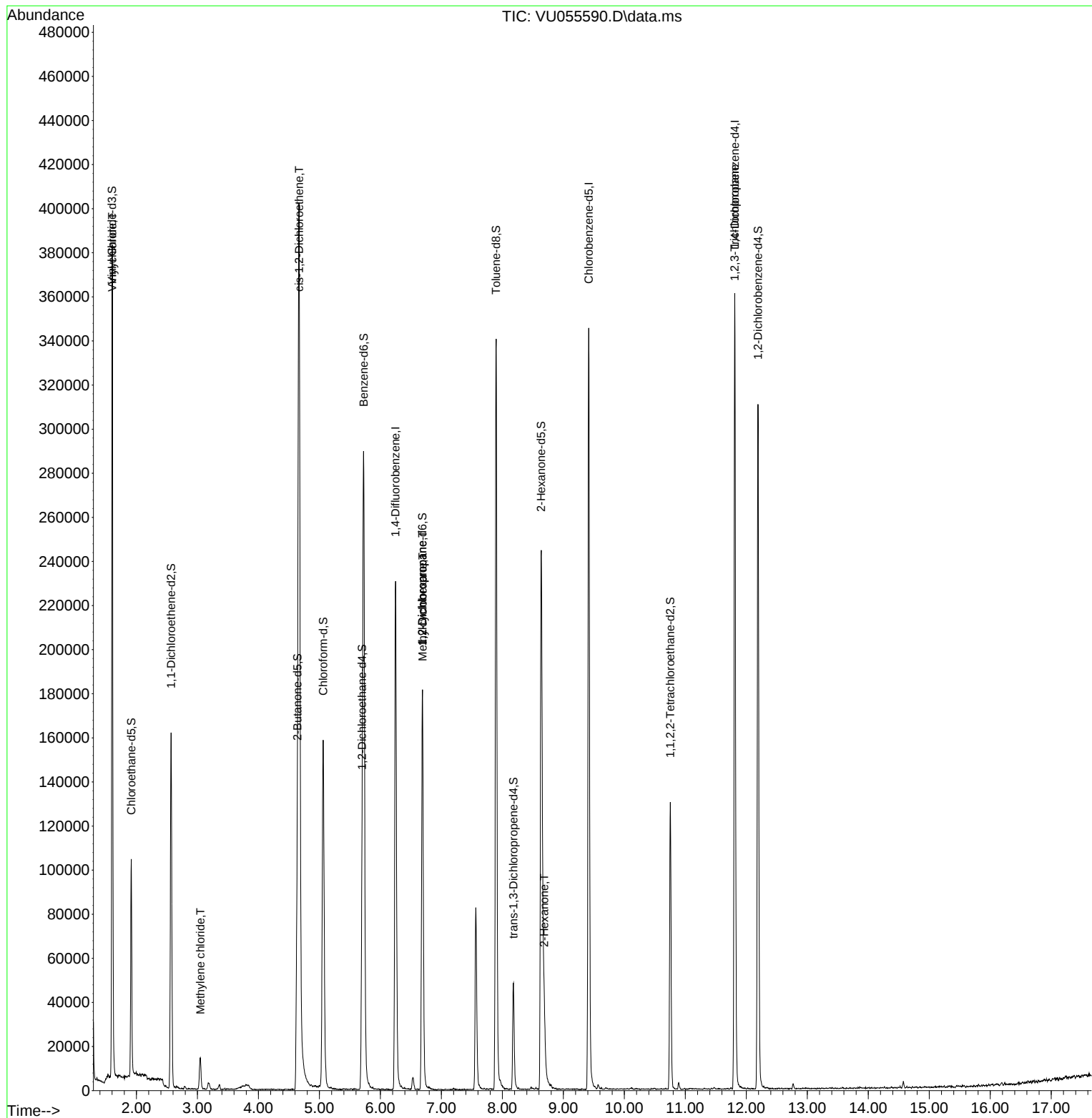
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	190350	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	199304	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	97478	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	74672	3.881	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.914	69	68787	4.057	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.567	65	29131	3.679	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.600%
20) 2-Butanone-d5	4.637	46	152933	44.010	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.020%
24) Chloroform-d	5.062	84	149090	4.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.698	65	72299	4.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	5.724	84	284744	4.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.689	67	88447	4.246	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.898	98	235541	3.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.200%
43) trans-1,3-Dichloroprop...	8.181	79	29833	4.081	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.634	63	84902	38.187	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.380%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	64729	4.147	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	83756	4.257	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	197404	11.223	ug/L	100
16) Methylene chloride	3.049	84	7612	0.477	ug/L	89
22) cis-1,2-Dichloroethene	4.666	96	198681	12.775	ug/L	97
35) Methylcyclohexane	6.692	83	21008	0.899	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	9919	0.661	ug/L #	88
48) 2-Hexanone	8.685	43	17675	3.351	ug/L #	85
61) 1,2,3-Trichloropropane	11.807	75	12427	1.633	ug/L #	68

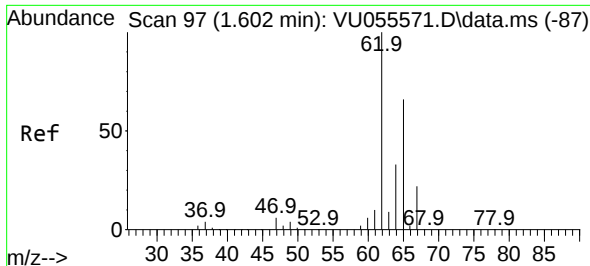
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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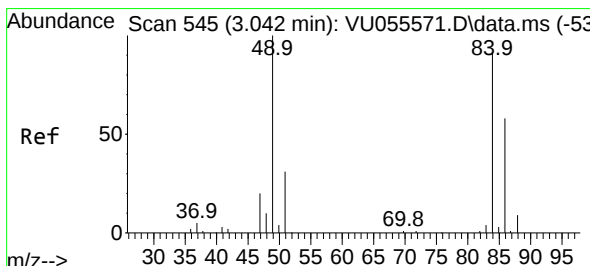
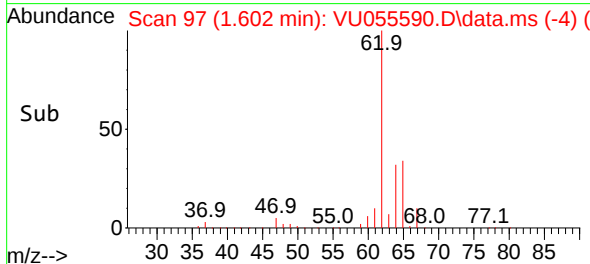
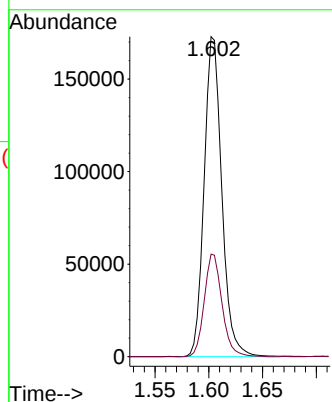
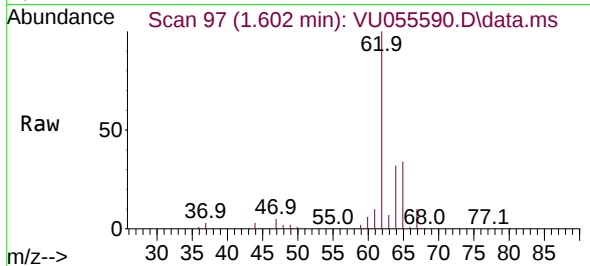




#5
 Vinyl chloride
 Concen: 11.223 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055590.D
 Acq: 28 Sep 2023 20:02

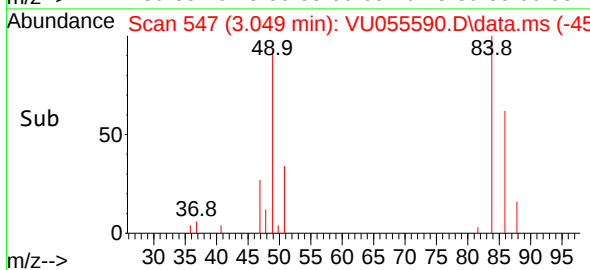
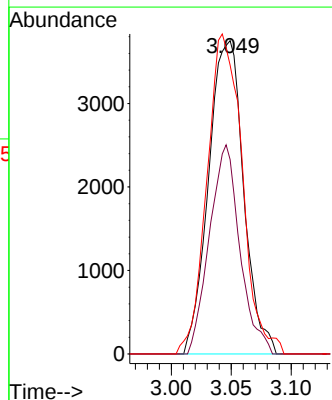
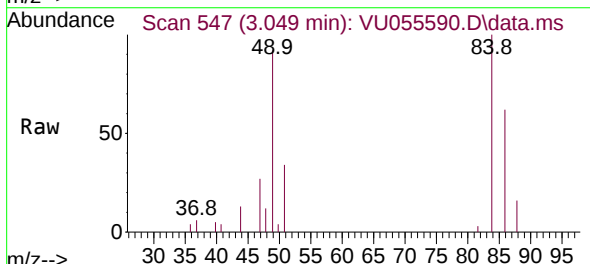
Instrument :
 MSVOA_U
 ClientSampleId :

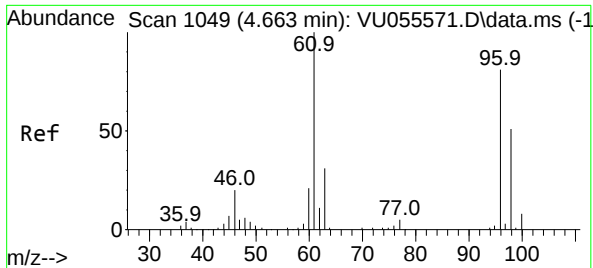
Tgt Ion: 62 Resp: 197404
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.3 41.5



#16
 Methylene chloride
 Concen: 0.477 ug/L
 RT: 3.049 min Scan# 547
 Delta R.T. 0.006 min
 Lab File: VU055590.D
 Acq: 28 Sep 2023 20:02

Tgt Ion: 84 Resp: 7612
 Ion Ratio Lower Upper
 84 100
 86 62.1 44.9 83.3
 49 96.4 78.8 146.3





#22

cis-1,2-Dichloroethene

Concen: 12.775 ug/L

RT: 4.666 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU055590.D

Acq: 28 Sep 2023 20:02

Instrument :

MSVOA_U

ClientSampleId :

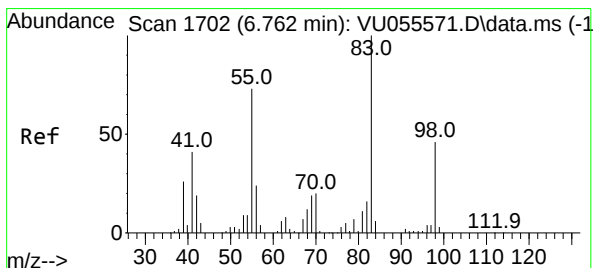
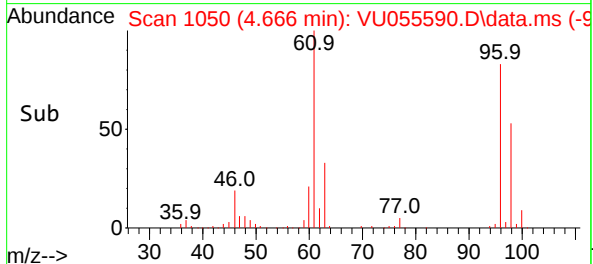
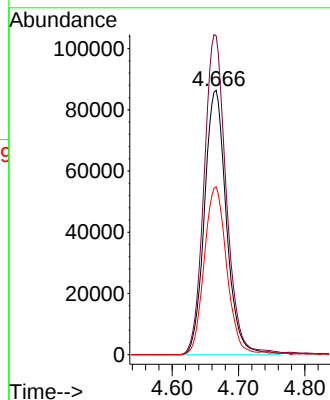
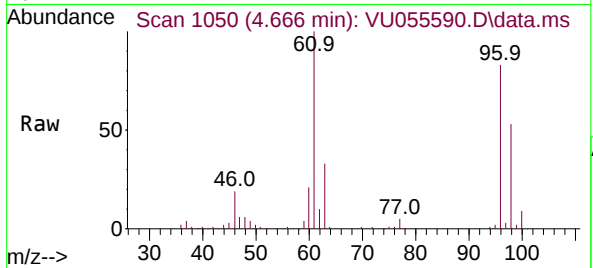
Tgt Ion: 96 Resp: 198681

Ion Ratio Lower Upper

96 100

61 120.7 87.8 163.2

98 63.5 44.4 82.4



#35

Methylcyclohexane

Concen: 0.899 ug/L

RT: 6.692 min Scan# 1680

Delta R.T. -0.068 min

Lab File: VU055590.D

Acq: 28 Sep 2023 20:02

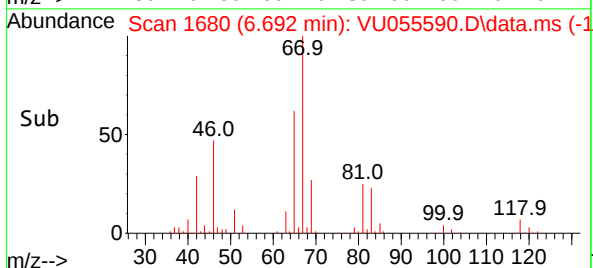
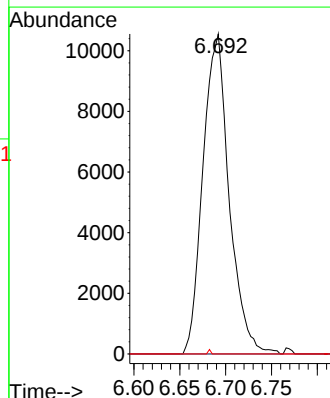
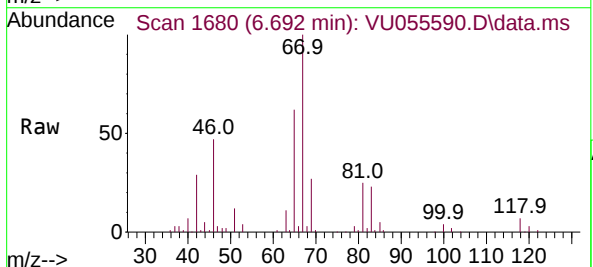
Tgt Ion: 83 Resp: 21008

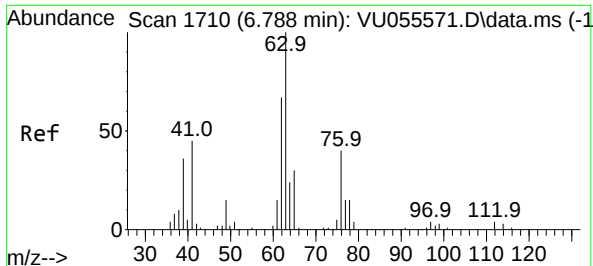
Ion Ratio Lower Upper

83 100

55 0.0 59.1 88.7#

98 0.1 36.3 54.5#





#37

1,2-Dichloropropane

Concen: 0.661 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU055590.D

Acq: 28 Sep 2023 20:02

Instrument :

MSVOA_U

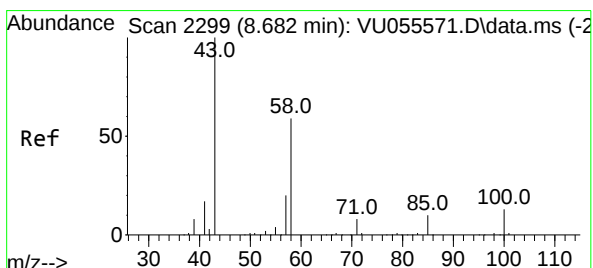
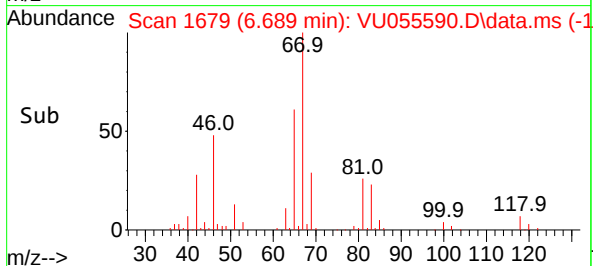
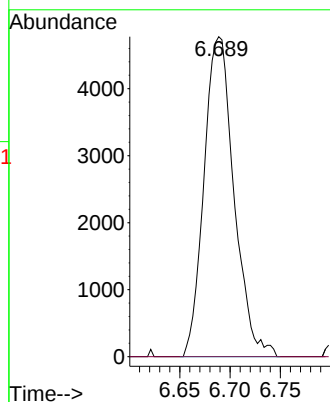
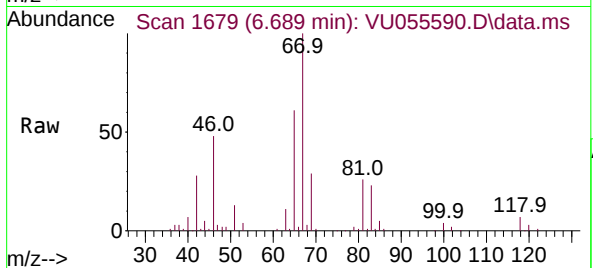
ClientSampleId :

Tgt Ion: 63 Resp: 9919

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#48

2-Hexanone

Concen: 3.351 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU055590.D

Acq: 28 Sep 2023 20:02

Tgt Ion: 43 Resp: 17675

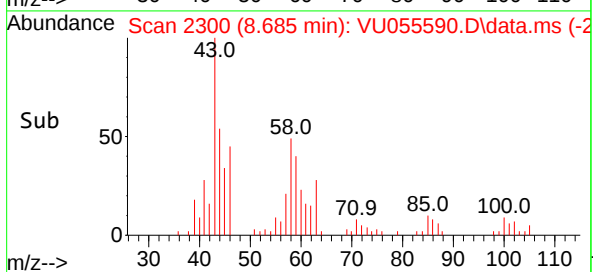
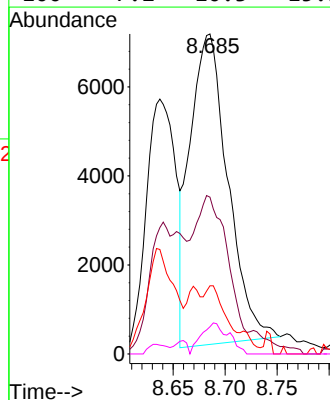
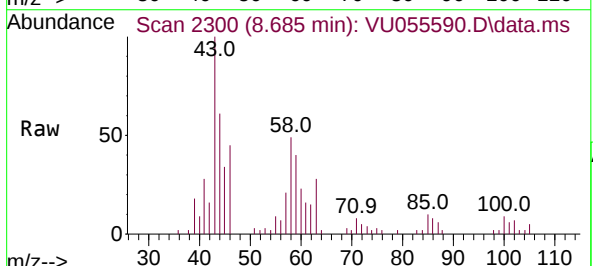
Ion Ratio Lower Upper

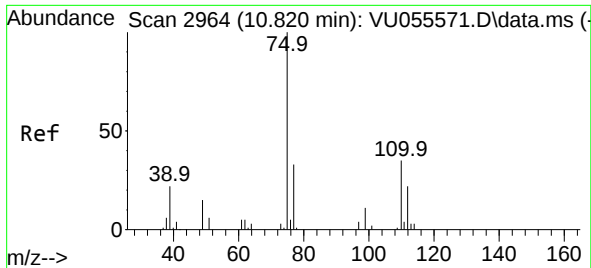
43 100

58 48.7 48.5 72.7

57 13.9 17.0 25.4#

100 7.2 10.3 15.5#





#61

1,2,3-Trichloropropane

Concen: 1.633 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.987 min

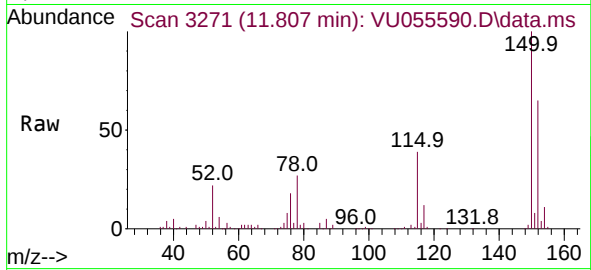
Lab File: VU055590.D

Acq: 28 Sep 2023 20:02

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 12427

Ion Ratio Lower Upper

75 100

110 3.7 30.6 45.8#

77 31.5 26.7 40.1

