

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055511.D
 Acq On : 26 Sep 2023 12:35
 Operator : MD/SY
 Sample : 04530-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 04:48:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 04:44:22 2023
 Response via : Initial Calibration

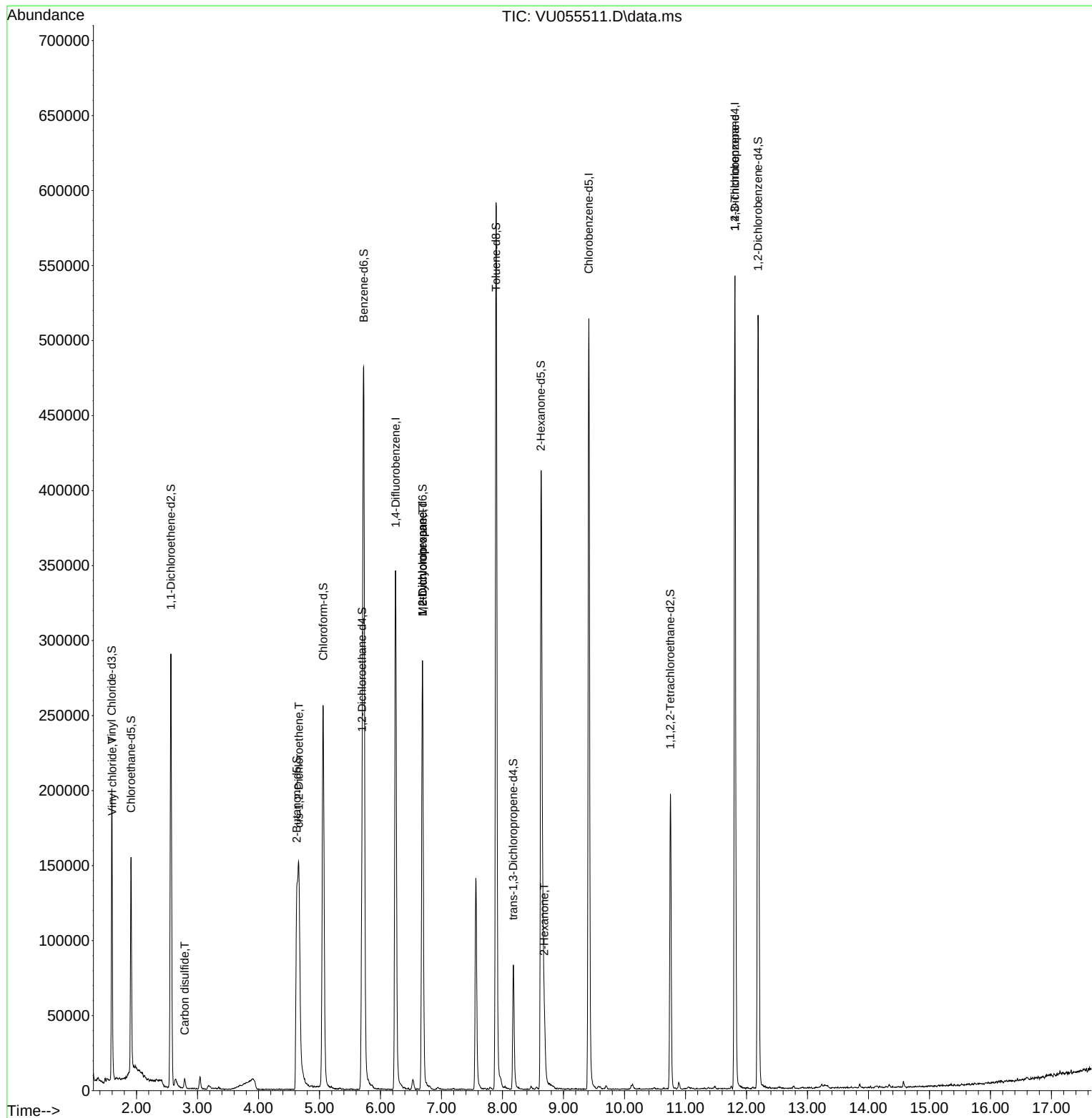
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	293096	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	306064	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	150540	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	132914	4.487	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.800%	
7) Chloroethane-d5	1.911	69	101770	3.898	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.000%	
11) 1,1-Dichloroethene-d2	2.563	65	53752	4.408	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.200%	
20) 2-Butanone-d5	4.628	46	232151	43.388	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	86.780%	
24) Chloroform-d	5.058	84	232408	4.338	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
26) 1,2-Dichloroethane-d4	5.698	65	114664	4.449	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.000%	
32) Benzene-d6	5.724	84	476466	4.451	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
36) 1,2-Dichloropropane-d6	6.689	67	145818	4.559	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.200%	
41) Toluene-d8	7.894	98	419482	4.299	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.000%	
43) trans-1,3-Dichloroprop...	8.177	79	49335	4.395	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.000%	
46) 2-Hexanone-d5	8.631	63	132847	38.909	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	77.820%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	101922	4.252	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	142651	4.695	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.800%	
Target Compounds						
5) Vinyl chloride	1.602	62	10921	0.403	ug/L #	69
14) Carbon disulfide	2.792	76	8166	0.133	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	53687	2.242	ug/L	94
35) Methylcyclohexane	6.689	83	34761	0.968	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	14984	0.650	ug/L #	90
48) 2-Hexanone	8.685	43	30178	3.726	ug/L #	89
61) 1,2,3-Trichloropropane	11.811	75	16777	1.428	ug/L #	69

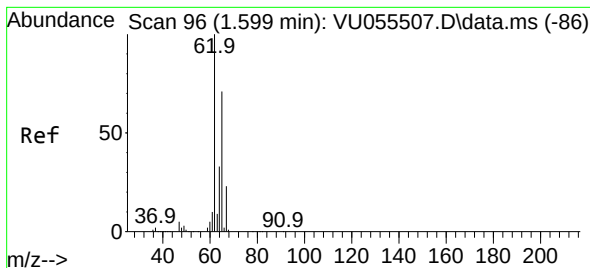
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.403 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

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Instrument :

MSVOA_U

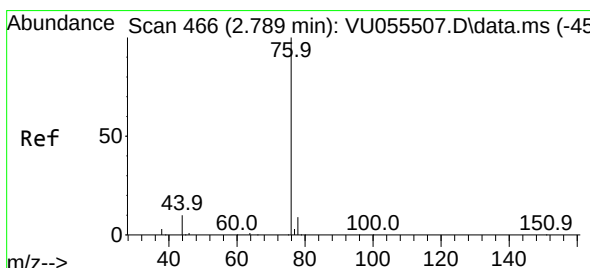
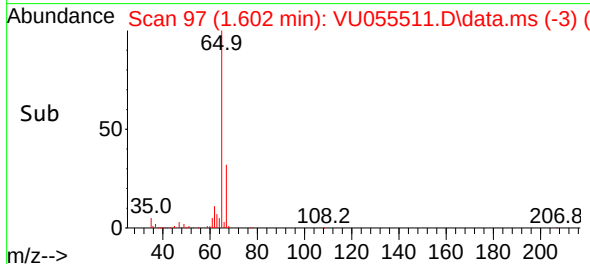
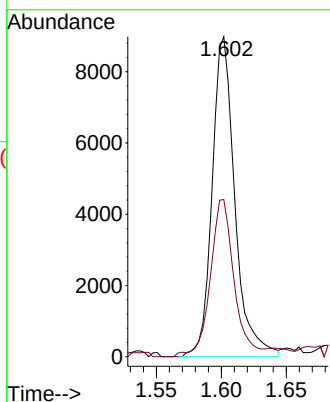
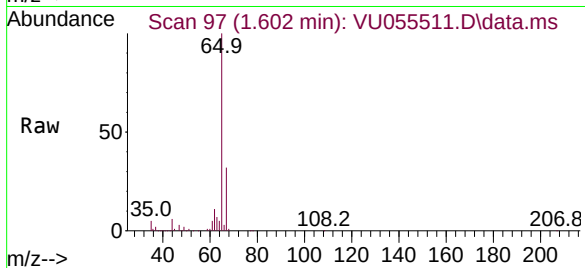
ClientSampleId :

Tgt Ion: 62 Resp: 10921

Ion Ratio Lower Upper

62 100

64 49.1 22.3 41.5#



#14

Carbon disulfide

Concen: 0.133 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU055511.D

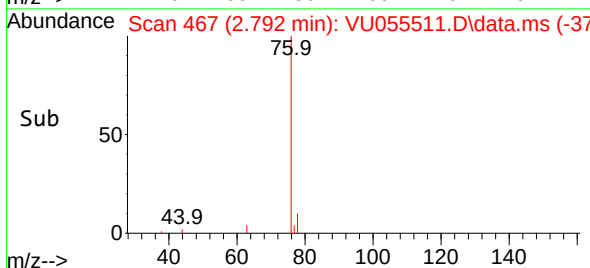
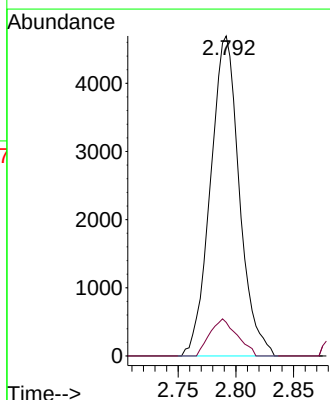
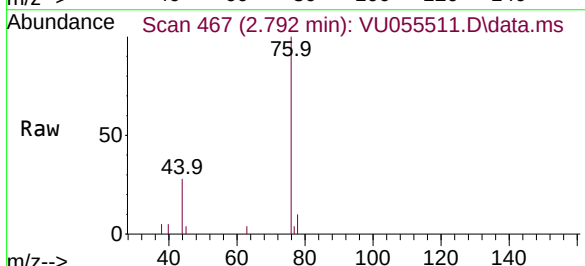
Acq: 26 Sep 2023 12:35

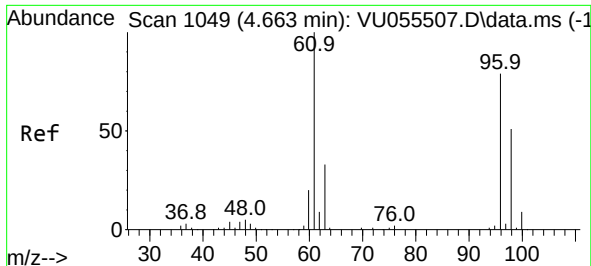
Tgt Ion: 76 Resp: 8166

Ion Ratio Lower Upper

76 100

78 10.5 7.7 11.5

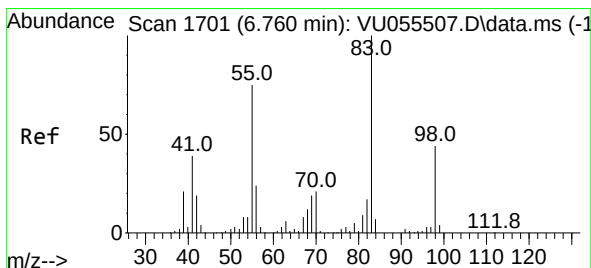
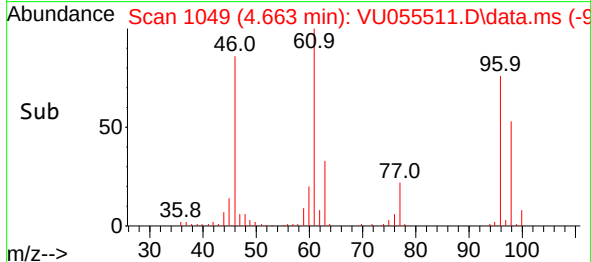
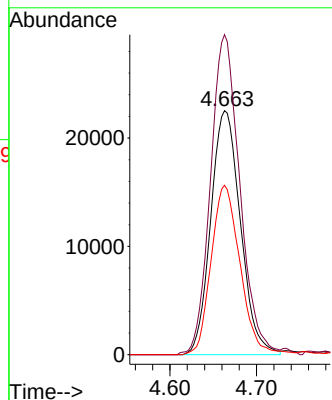
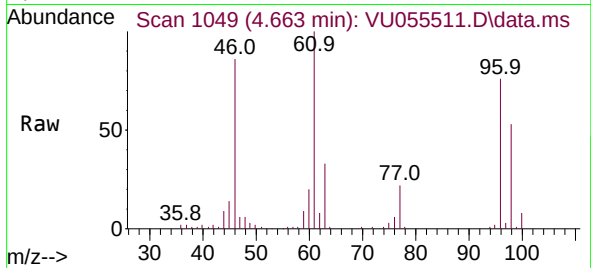




#22
 cis-1,2-Dichloroethene
 Concen: 2.242 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU055511.D
 Acq: 26 Sep 2023 12:35

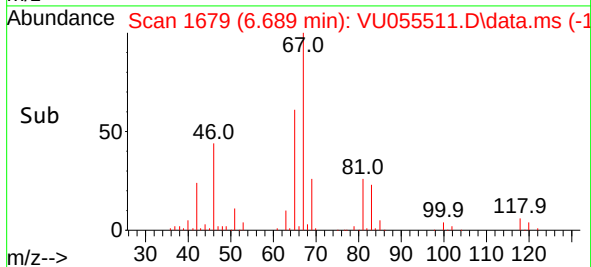
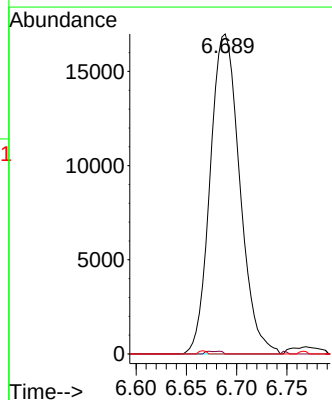
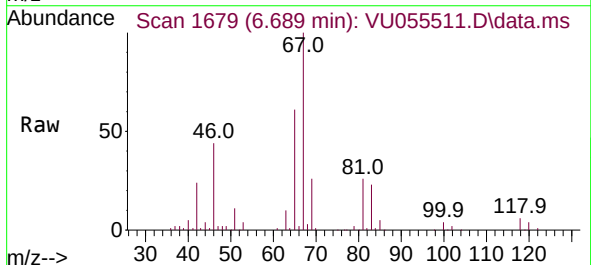
Instrument :
 MSVOA_U
 ClientSampleId :

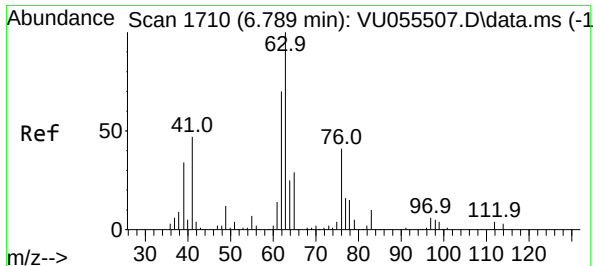
Tgt Ion: 96 Resp: 53687
 Ion Ratio Lower Upper
 96 100
 61 131.1 87.8 163.2
 98 69.5 44.4 82.4



#35
 Methylcyclohexane
 Concen: 0.968 ug/L
 RT: 6.689 min Scan# 1679
 Delta R.T. -0.071 min
 Lab File: VU055511.D
 Acq: 26 Sep 2023 12:35

Tgt Ion: 83 Resp: 34761
 Ion Ratio Lower Upper
 83 100
 55 0.2 59.1 88.7#
 98 0.2 36.3 54.5#





#37

1,2-Dichloropropane

Concen: 0.650 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU055511.D

Acq: 26 Sep 2023 12:35

Instrument :

MSVOA_U

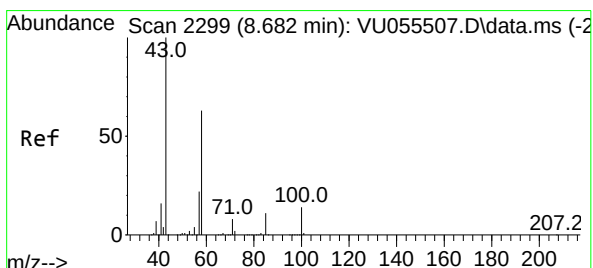
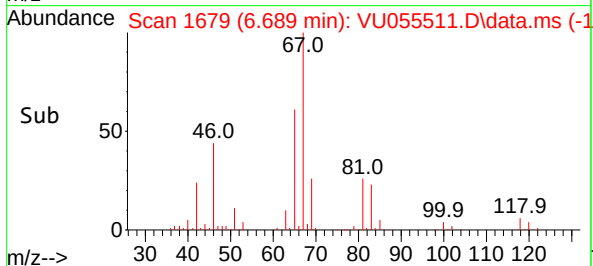
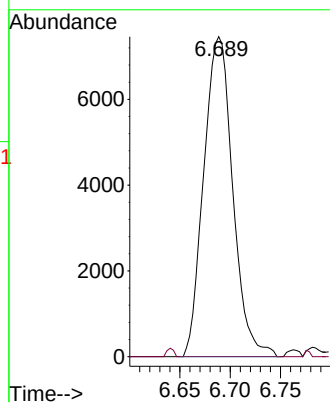
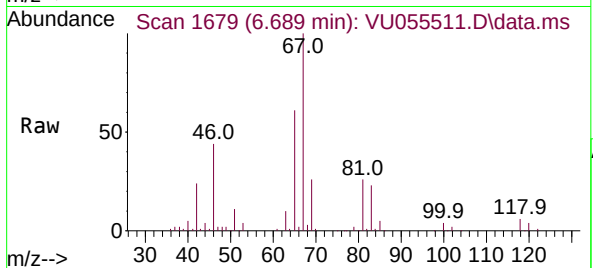
ClientSampleId :

Tgt Ion: 63 Resp: 14984

Ion Ratio Lower Upper

63 100

112 0.6 3.0 4.6#



#48

2-Hexanone

Concen: 3.726 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU055511.D

Acq: 26 Sep 2023 12:35

Tgt Ion: 43 Resp: 30178

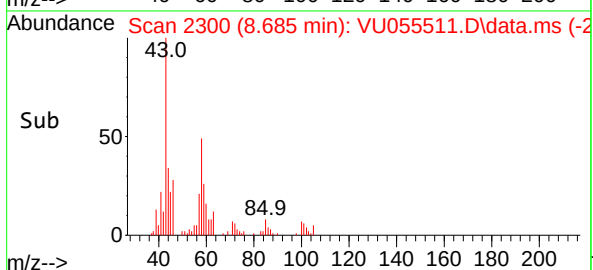
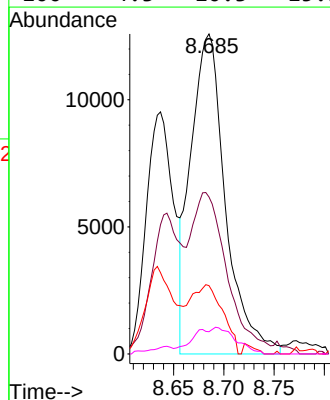
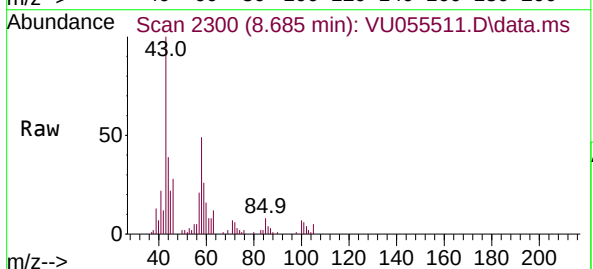
Ion Ratio Lower Upper

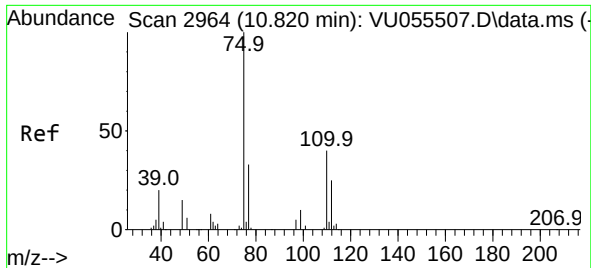
43 100

58 51.0 48.5 72.7

57 20.4 17.0 25.4

100 4.3 10.3 15.5#





#61

1,2,3-Trichloropropane

Concen: 1.428 ug/L

RT: 11.811 min Scan# 31

Delta R.T. 0.990 min

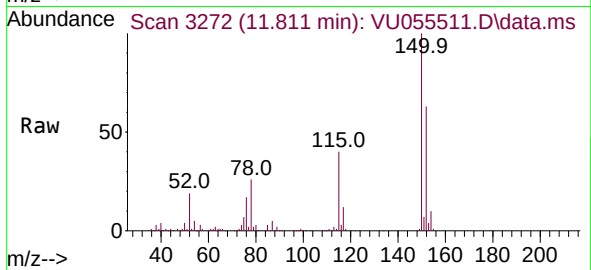
Lab File: VU055511.D

Acq: 26 Sep 2023 12:35

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 16777

Ion Ratio Lower Upper

75 100

110 3.4 30.6 45.8#

77 33.6 26.7 40.1

