

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091323\
 Data File : VU055293.D
 Acq On : 13 Sep 2023 18:43
 Operator : MD/SY
 Sample : 04350-13DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 14 05:07:46 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)

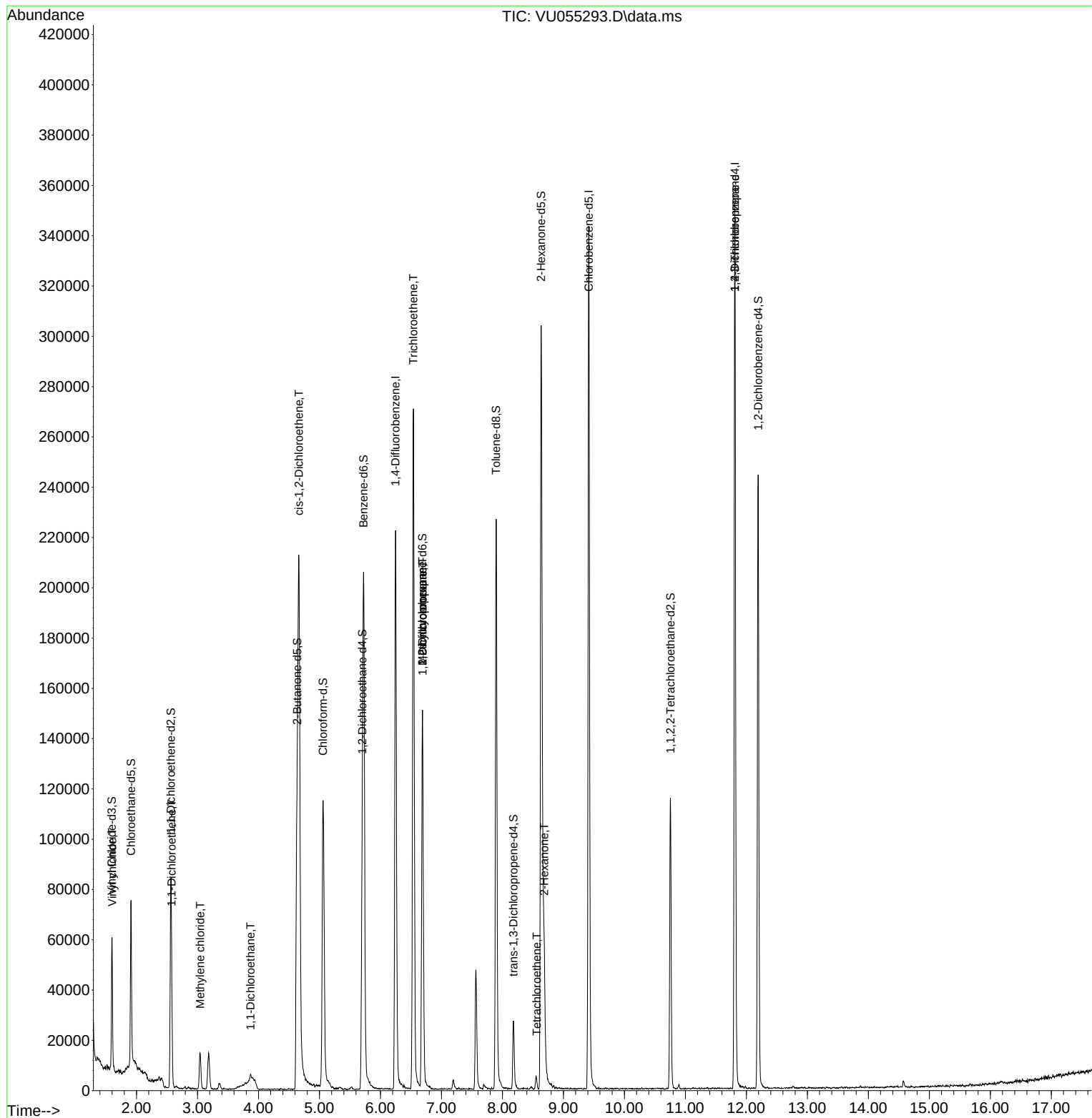
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	181535	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	192445	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	94458	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	25267	2.970	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.400%
7) Chloroethane-d5	1.911	69	46939	4.766	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.563	65	14836	3.060	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.200%
20) 2-Butanone-d5	4.634	46	179863	72.848	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	145.700%#
24) Chloroform-d	5.058	84	108722	4.816	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.701	65	60800	5.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
32) Benzene-d6	5.724	84	197059	4.148	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.688	67	70449	4.663	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.897	98	157087	3.590	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
43) trans-1,3-Dichloroprop...	8.180	79	17195	4.133	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.634	63	96772	57.289	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.580%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	58210	5.478	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	62268	4.516	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	14181	1.252	ug/L	92
12) 1,1-Dichloroethene	2.576	96	6742	0.803	ug/L #	24
16) Methylene chloride	3.042	84	7232	0.564	ug/L	92
19) 1,1-Dichloroethane	3.869	63	3375	0.183	ug/L	90
22) cis-1,2-Dichloroethene	4.663	96	90764	8.708	ug/L	91
34) Trichloroethene	6.541	95	91190	8.011	ug/L	97
35) Methylcyclohexane	6.688	83	17206	1.077	ug/L #	23
37) 1,2-Dichloropropane	6.692	63	7633	0.685	ug/L #	90
47) Tetrachloroethene	8.563	164	1206	0.153	ug/L #	59
48) 2-Hexanone	8.685	43	29052	5.831	ug/L #	94
61) 1,2,3-Trichloropropane	11.810	75	12303	1.963	ug/L #	69

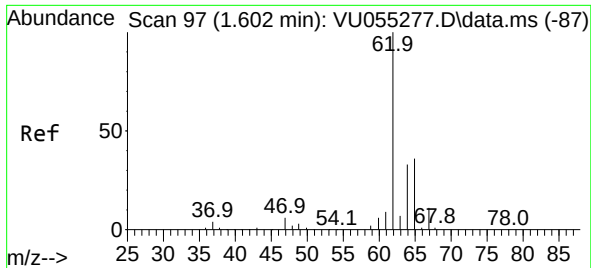
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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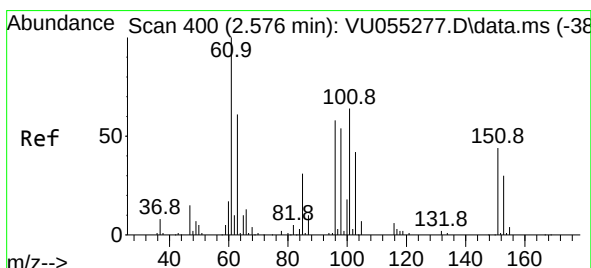
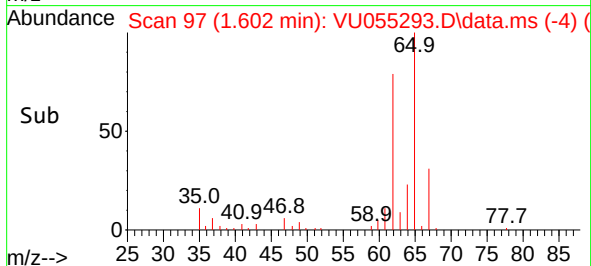
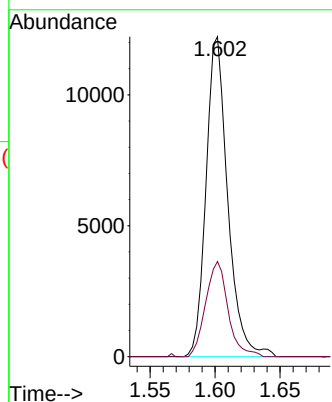
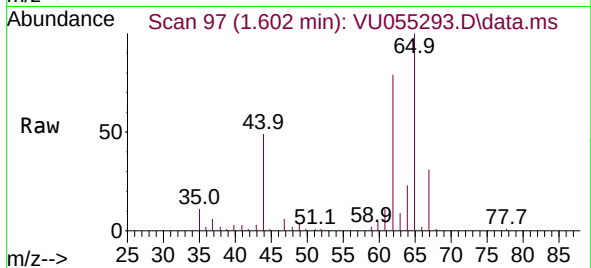




#5
 Vinyl chloride
 Concen: 1.252 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055293.D
 Acq: 13 Sep 2023 18:43

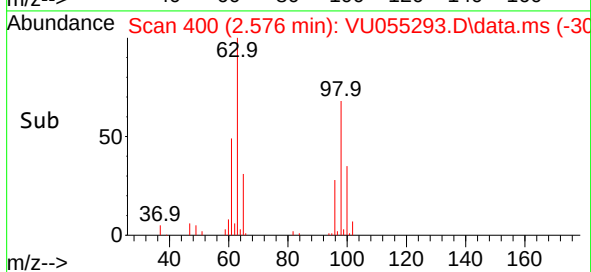
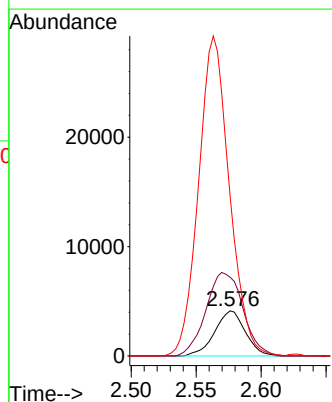
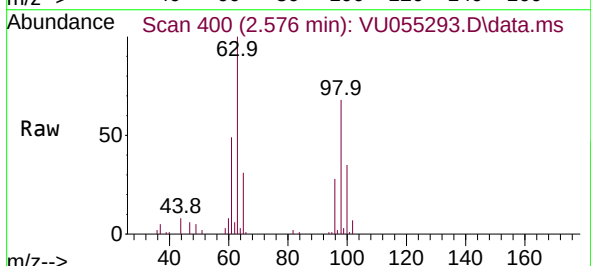
Instrument :
 MSVOA_U
 ClientSampleId :

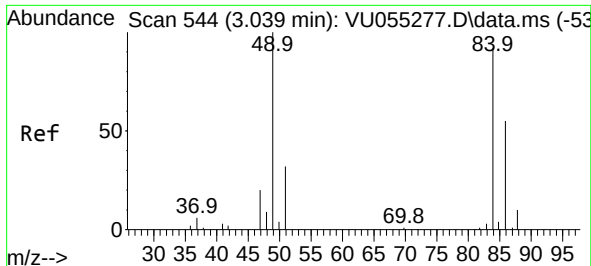
Tgt Ion: 62 Resp: 14181
 Ion Ratio Lower Upper
 62 100
 64 29.7 24.2 45.0



#12
 1,1-Dichloroethene
 Concen: 0.803 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU055293.D
 Acq: 13 Sep 2023 18:43

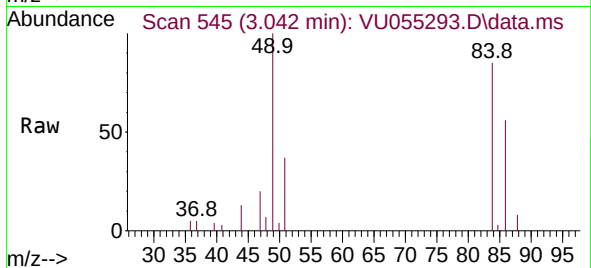
Tgt Ion: 96 Resp: 6742
 Ion Ratio Lower Upper
 96 100
 61 162.1 120.8 224.4
 63 328.8 94.5 175.5#





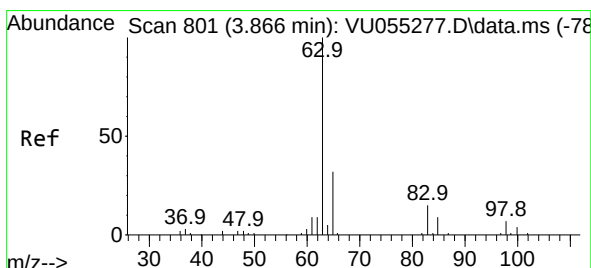
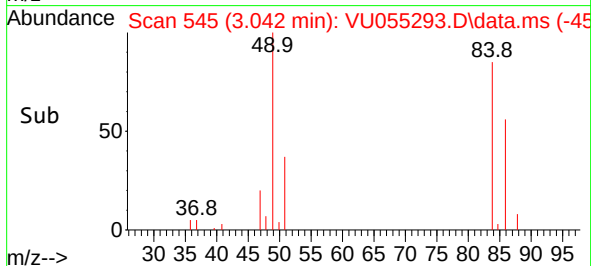
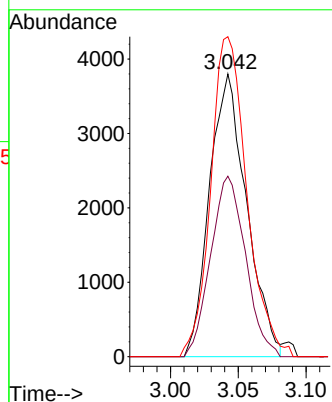
#16
Methylene chloride
Concen: 0.564 ug/L
RT: 3.042 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU055293.D
Acq: 13 Sep 2023 18:43

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 7232

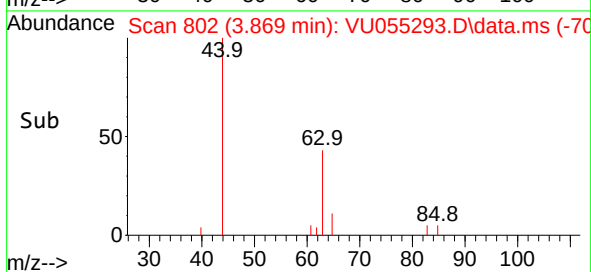
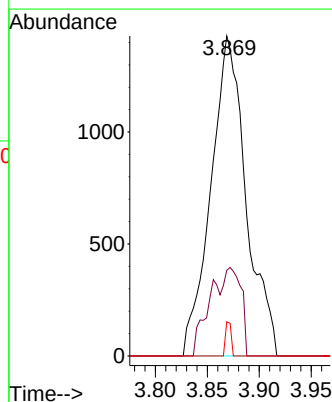
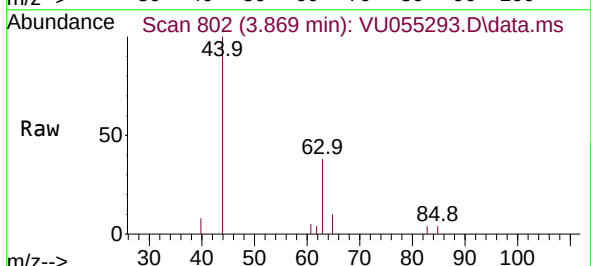
Ion	Ratio	Lower	Upper
84	100		
86	63.8	43.4	80.6
49	113.2	87.7	162.9

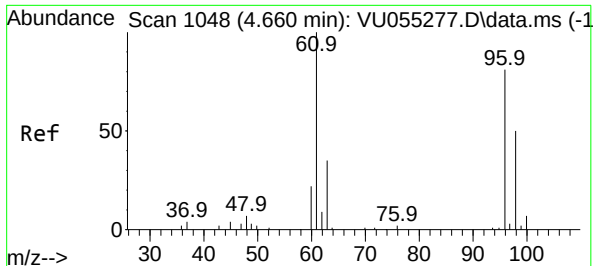


#19
1,1-Dichloroethane
Concen: 0.183 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.003 min
Lab File: VU055293.D
Acq: 13 Sep 2023 18:43

Tgt Ion: 63 Resp: 3375

Ion	Ratio	Lower	Upper
63	100		
65	26.7	22.2	41.2
83	10.7	10.6	19.8





#22

cis-1,2-Dichloroethene

Concen: 8.708 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU055293.D

Acq: 13 Sep 2023 18:43

Instrument :

MSVOA_U

ClientSampleId :

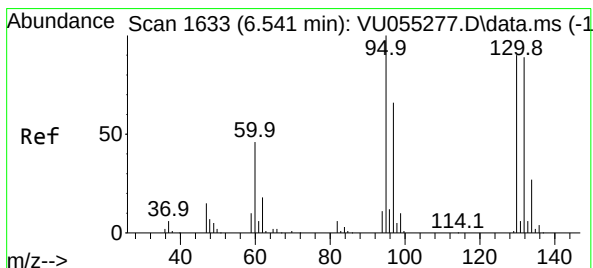
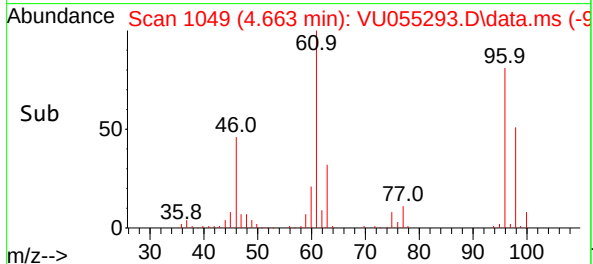
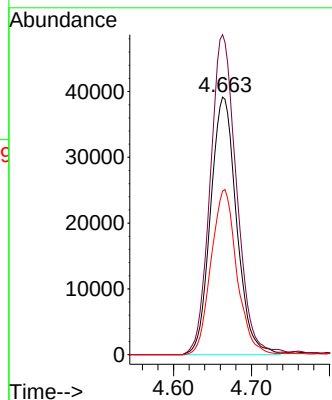
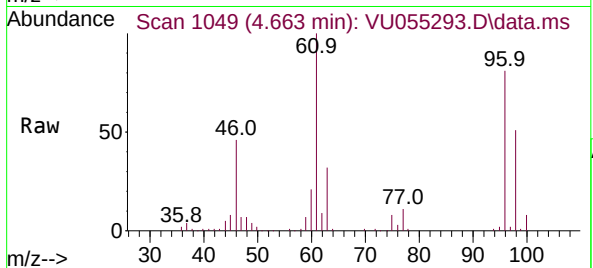
Tgt Ion: 96 Resp: 90764

Ion Ratio Lower Upper

96 100

61 124.2 97.2 180.4

98 63.5 46.1 85.7



#34

Trichloroethene

Concen: 8.011 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. -0.000 min

Lab File: VU055293.D

Acq: 13 Sep 2023 18:43

Tgt Ion: 95 Resp: 91190

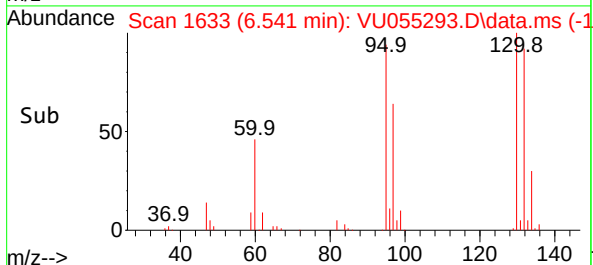
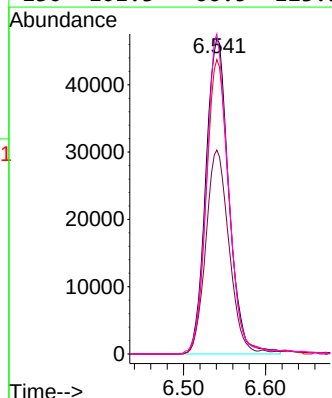
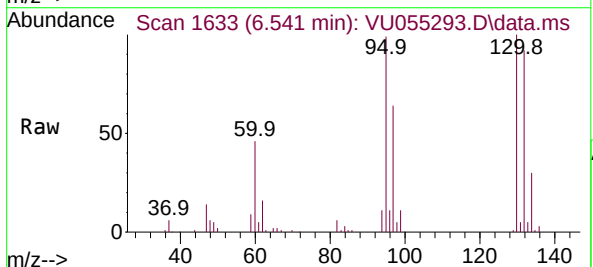
Ion Ratio Lower Upper

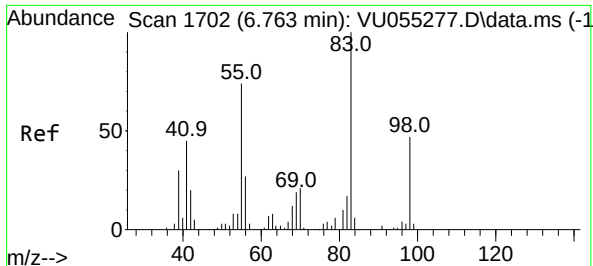
95 100

97 64.6 44.7 83.1

132 93.2 66.6 123.6

130 101.3 66.5 123.5





#35

Methylcyclohexane

Concen: 1.077 ug/L

RT: 6.688 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU055293.D

Acq: 13 Sep 2023 18:43

Instrument :

MSVOA_U

ClientSampleId :

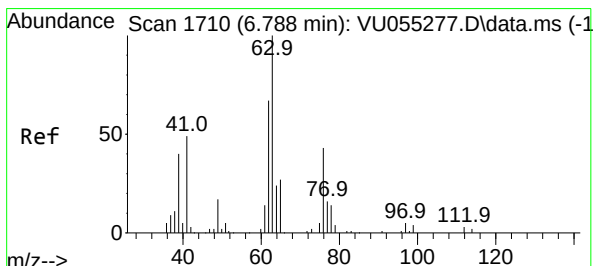
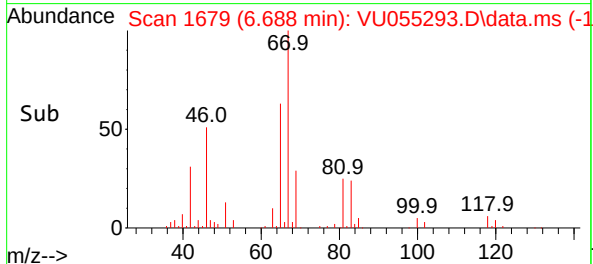
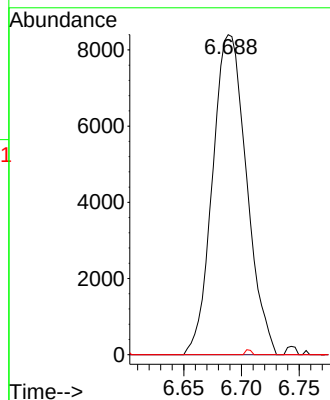
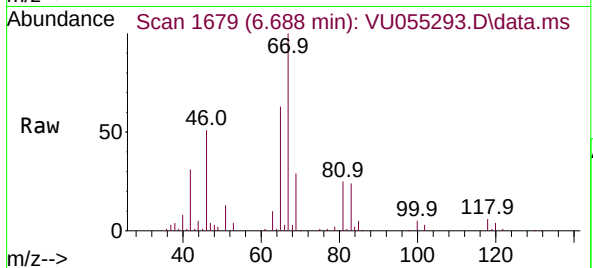
Tgt Ion: 83 Resp: 17206

Ion Ratio Lower Upper

83 100

55 0.0 60.4 90.6#

98 6.7 35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.685 ug/L

RT: 6.692 min Scan# 1680

Delta R.T. -0.097 min

Lab File: VU055293.D

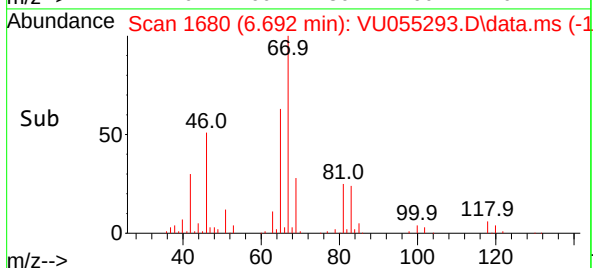
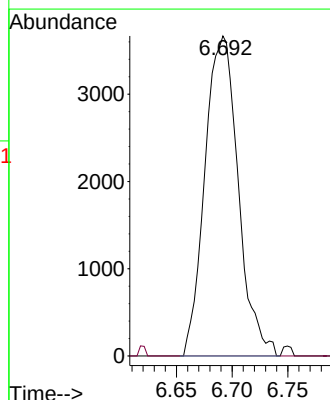
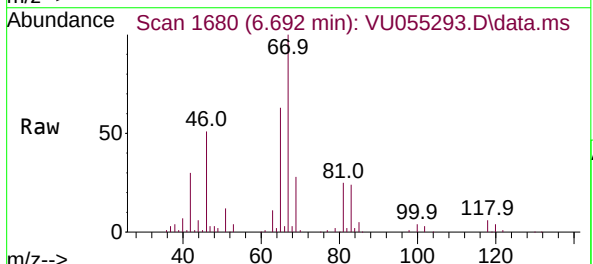
Acq: 13 Sep 2023 18:43

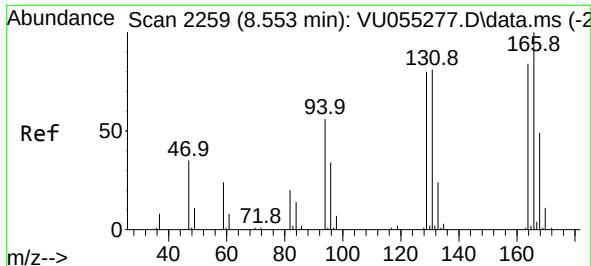
Tgt Ion: 63 Resp: 7633

Ion Ratio Lower Upper

63 100

112 0.6 3.2 4.8#





#47

Tetrachloroethene

Concen: 0.153 ug/L

RT: 8.563 min Scan# 21

Delta R.T. 0.010 min

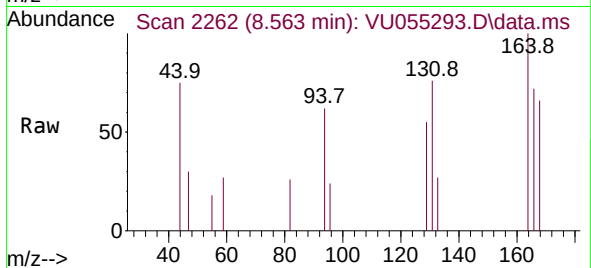
Lab File: VU055293.D

Acq: 13 Sep 2023 18:43

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 1206

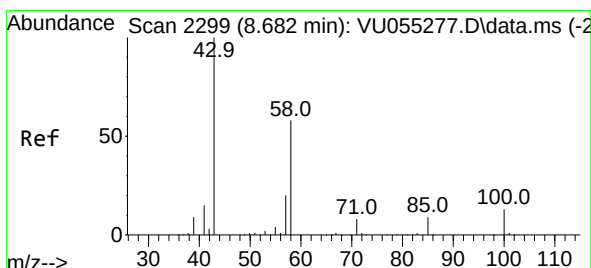
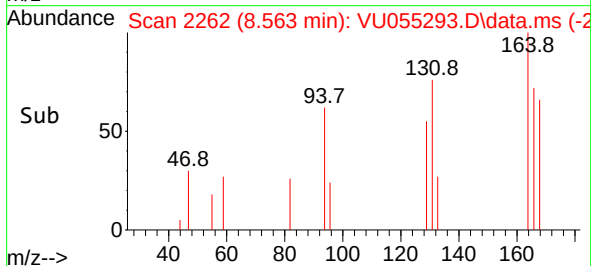
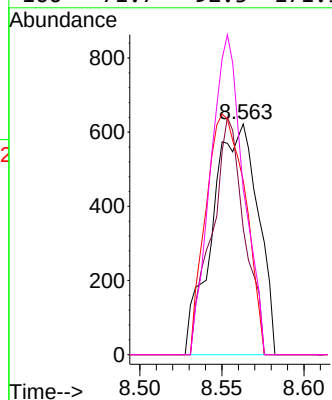
Ion Ratio Lower Upper

164 100

129 54.7 69.2 128.6#

131 75.6 68.8 127.8

166 71.7 92.3 171.5#



#48

2-Hexanone

Concen: 5.831 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU055293.D

Acq: 13 Sep 2023 18:43

Tgt Ion: 43 Resp: 29052

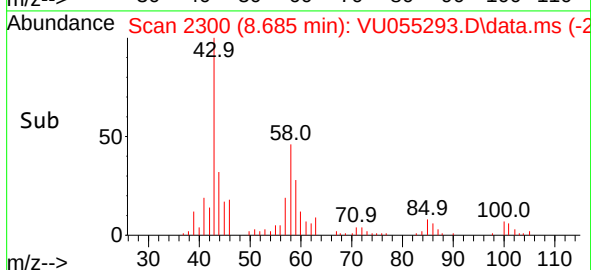
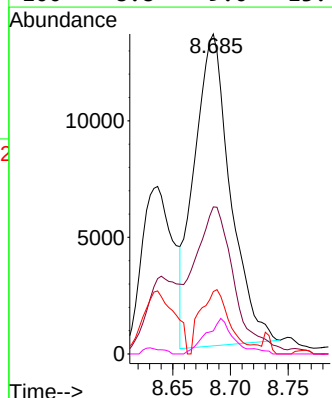
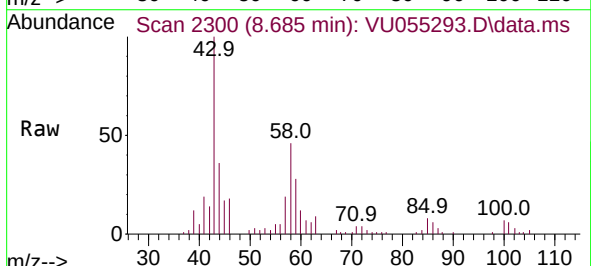
Ion Ratio Lower Upper

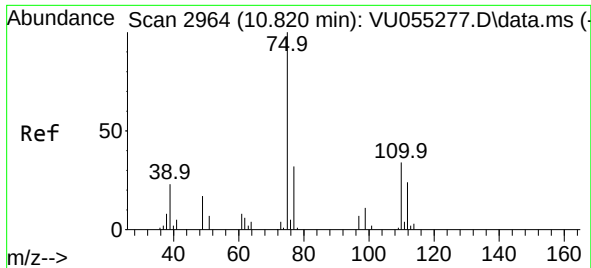
43 100

58 50.6 44.0 66.0

57 17.1 16.2 24.2

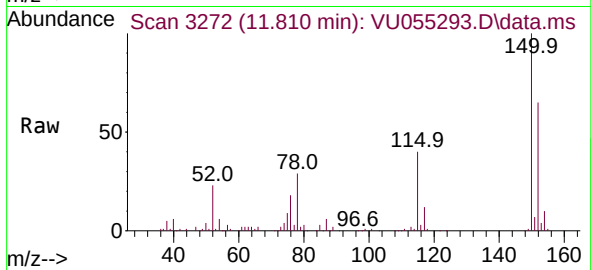
100 8.8 9.0 13.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.963 ug/L
 RT: 11.810 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055293.D
 Acq: 13 Sep 2023 18:43

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	12303
Ion	Ratio	Lower	Upper
75	100		
110	1.4	28.2	42.2#
77	31.3	26.2	39.4

