

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
 Data File : VU049259.D
 Acq On : 17 Jun 2022 21:19
 Operator : SY/MD
 Sample : N3320-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGJ86

Quant Time: Jun 18 05:50:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 05:20:12 2022
 Response via : Initial Calibration

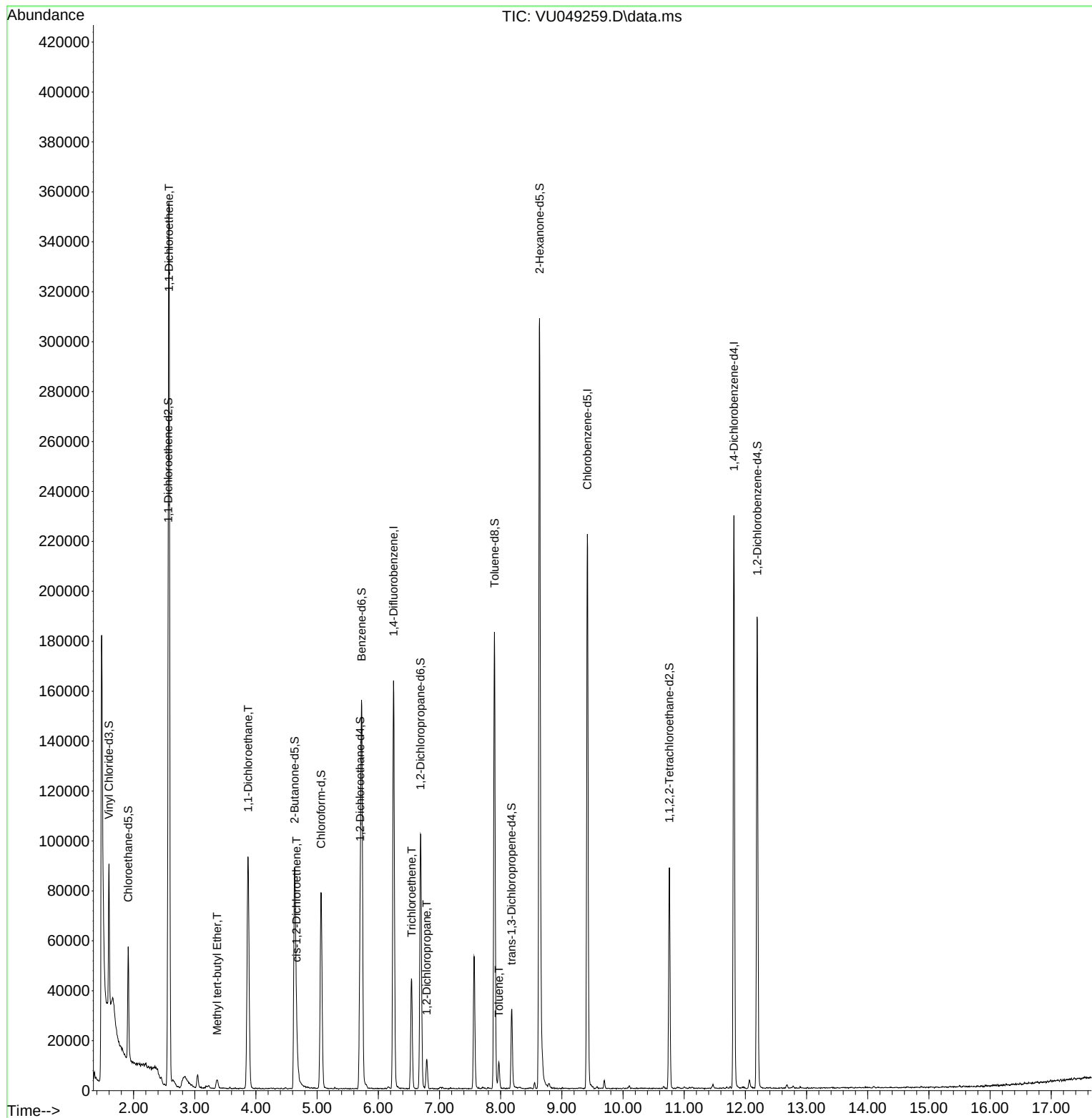
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	128708	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	119025	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	58805	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	40631	3.613	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	72.200%	
7) Chloroethane-d5	1.913	69	29937	3.932	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.600%	
11) 1,1-Dichloroethene-d2	2.565	65	15631	3.456	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.200%	
20) 2-Butanone-d5	4.633	46	152648	50.835	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.660%	
24) Chloroform-d	5.064	84	73217	4.149	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.000%	
26) 1,2-Dichloroethane-d4	5.703	65	41471	4.285	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.600%	
32) Benzene-d6	5.729	84	138009	3.849	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.000%	
36) 1,2-Dichloropropane-d6	6.690	67	49779	4.090	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	81.800%	
41) Toluene-d8	7.899	98	116921	3.621	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.400%	
43) trans-1,3-Dichloroprop...	8.179	79	18080	3.344	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	66.800%	
46) 2-Hexanone-d5	8.636	63	109313	50.121	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.240%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43753	4.490	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	48084	4.261	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	85.200%	
Target Compounds						
12) 1,1-Dichloroethene	2.578	96	101368	14.007	ug/L #	80
17) Methyl tert-butyl Ether	3.366	73	3489	0.159	ug/L #	80
19) 1,1-Dichloroethane	3.871	63	108023	6.832	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	2290	0.255	ug/L	93
34) Trichloroethene	6.546	95	15198	1.679	ug/L	97
37) 1,2-Dichloropropane	6.793	63	4564	0.469	ug/L	99
42) Toluene	7.970	91	7513	0.200	ug/L	95

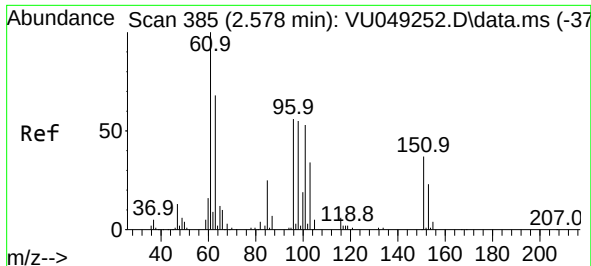
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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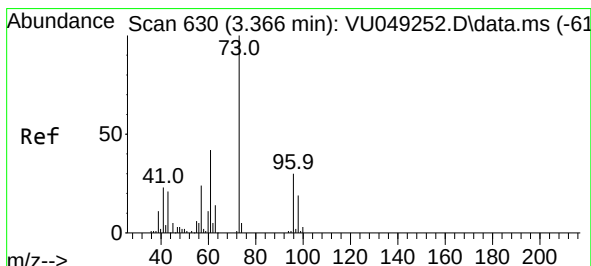
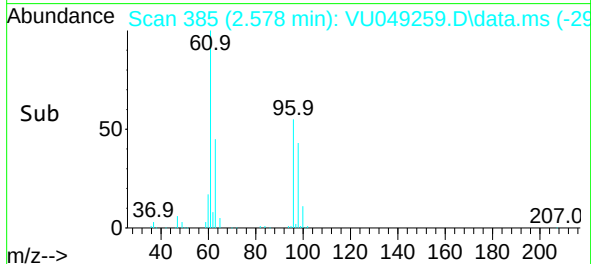
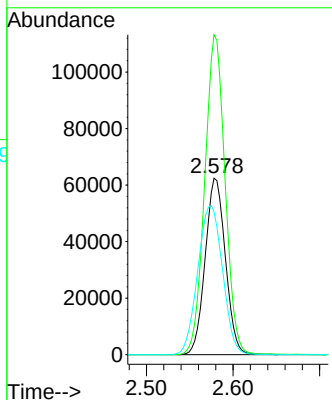
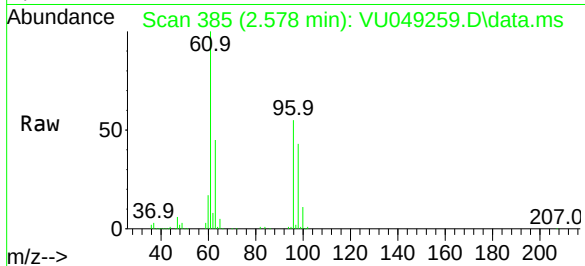




#12
1,1-Dichloroethene
Concen: 14.007 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU049259.D
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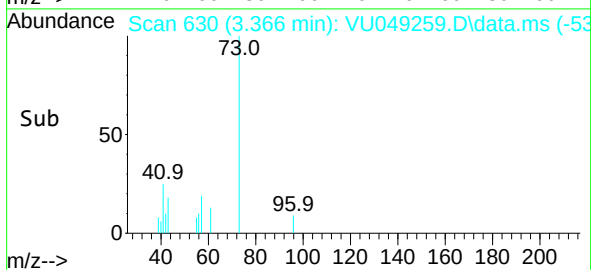
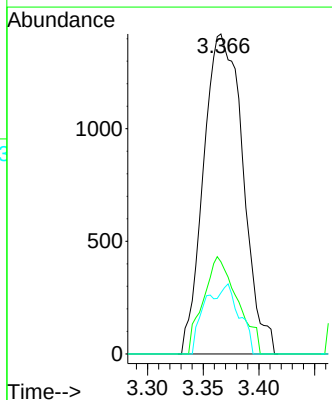
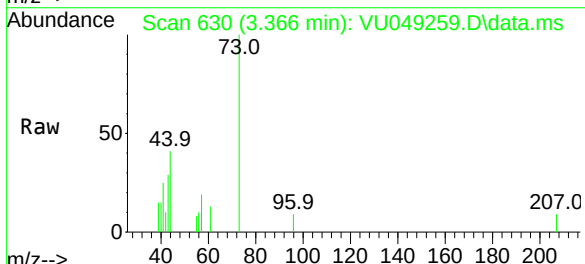
Instrument :
MSVOA_U
ClientSampleId :
BGJ86

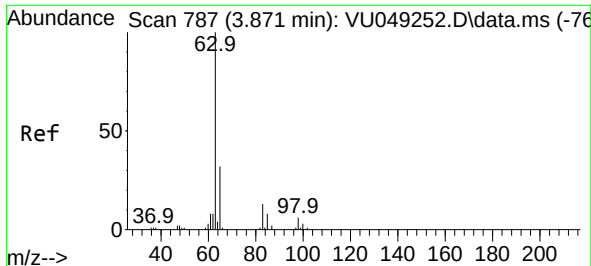
Tgt Ion: 96 Resp: 101368
Ion Ratio Lower Upper
96 100
61 181.2 127.2 236.2
63 80.8 94.7 175.9#



#17
Methyl tert-butyl Ether
Concen: 0.159 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU049259.D
Acq: 17 Jun 2022 21:19

Tgt Ion: 73 Resp: 3489
Ion Ratio Lower Upper
73 100
43 26.4 16.5 24.7#
57 10.6 18.6 27.8#





#19

1,1-Dichloroethane

Concen: 6.832 ug/L

RT: 3.871 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU049259.D

Acq: 17 Jun 2022 21:19

Instrument :

MSVOA_U

ClientSampleId :

BGJ86

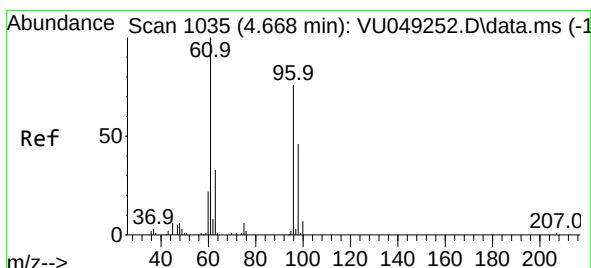
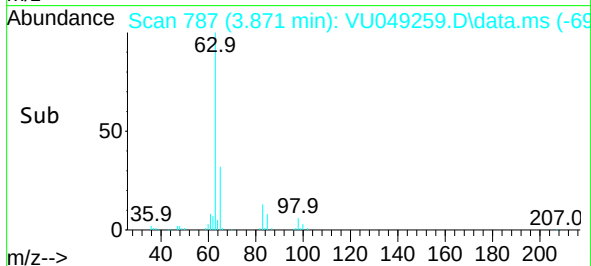
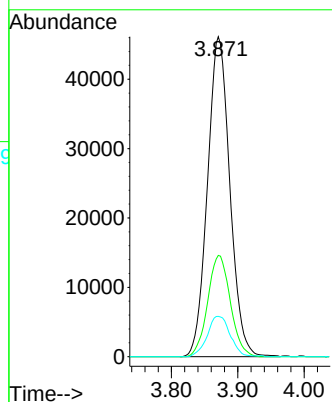
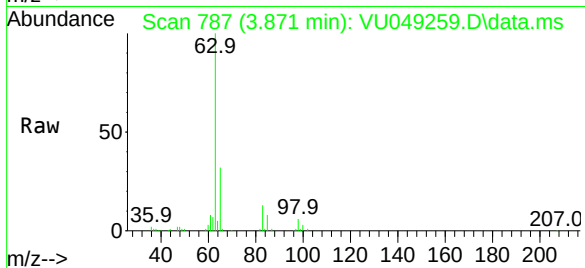
Tgt Ion: 63 Resp: 108023

Ion Ratio Lower Upper

63 100

65 31.7 24.0 44.6

83 12.6 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 0.255 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU049259.D

Acq: 17 Jun 2022 21:19

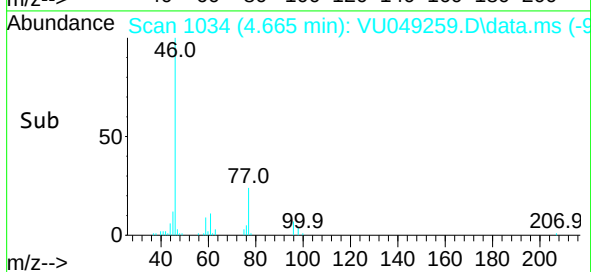
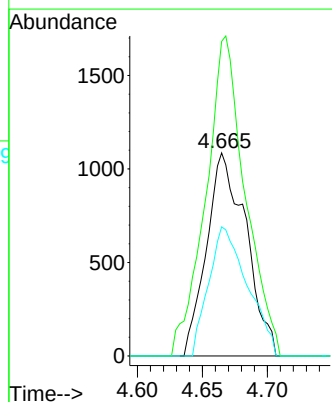
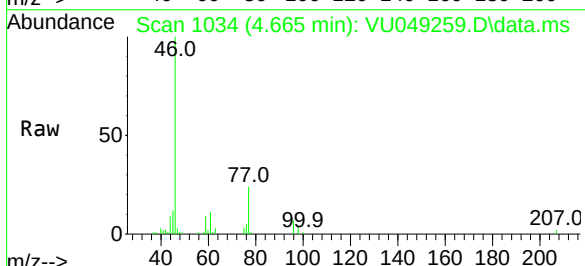
Tgt Ion: 96 Resp: 2290

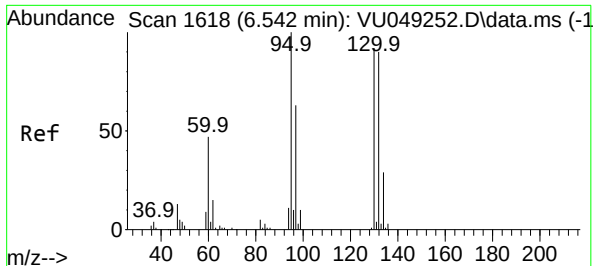
Ion Ratio Lower Upper

96 100

61 154.9 99.5 184.9

98 63.6 44.8 83.2

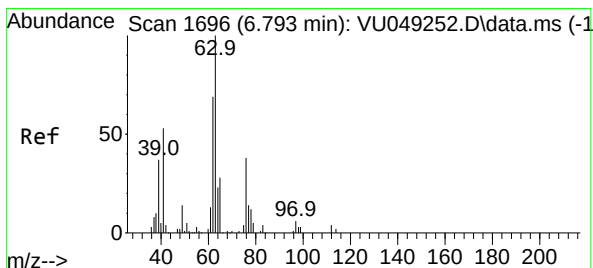
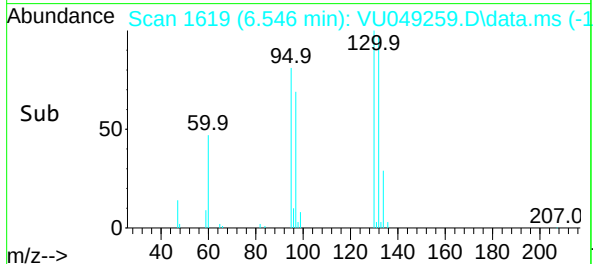
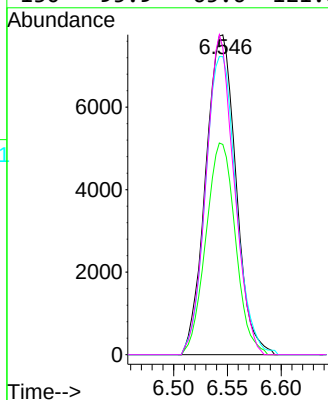
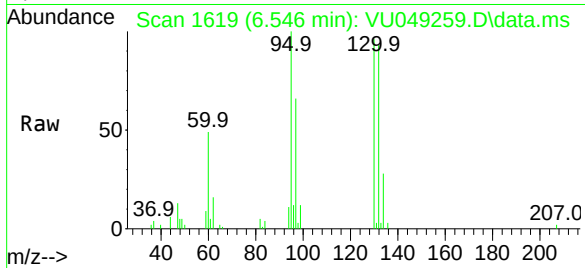




#34
Trichloroethene
Concen: 1.679 ug/L
RT: 6.546 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU049259.D
Acq: 17 Jun 2022 21:19

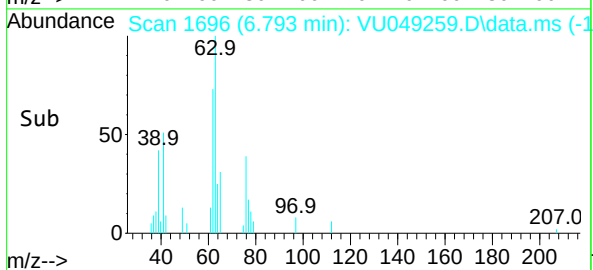
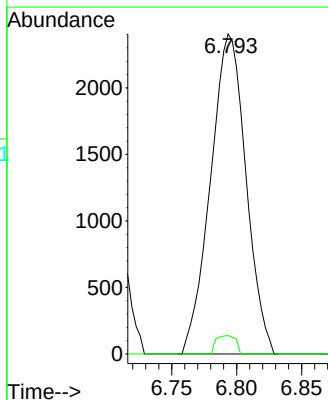
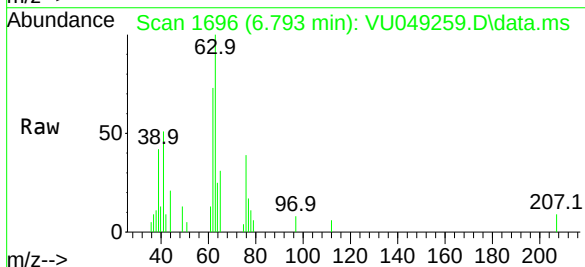
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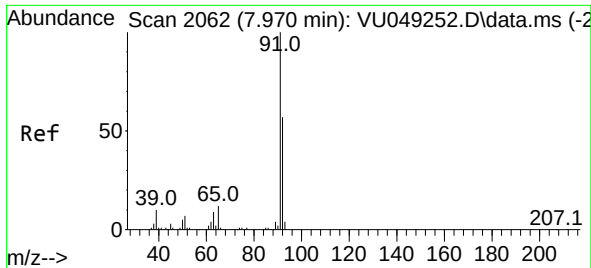
Tgt Ion: 95 Resp: 15198
Ion Ratio Lower Upper
95 100
97 65.7 45.3 84.1
132 93.2 61.5 114.3
130 95.9 65.6 121.8



#37
1,2-Dichloropropane
Concen: 0.469 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU049259.D
Acq: 17 Jun 2022 21:19

Tgt Ion: 63 Resp: 4564
Ion Ratio Lower Upper
63 100
112 3.2 2.8 4.2





#42

Toluene

Concen: 0.200 ug/L

RT: 7.970 min Scan# 20

Delta R.T. 0.000 min

Lab File: VU049259.D

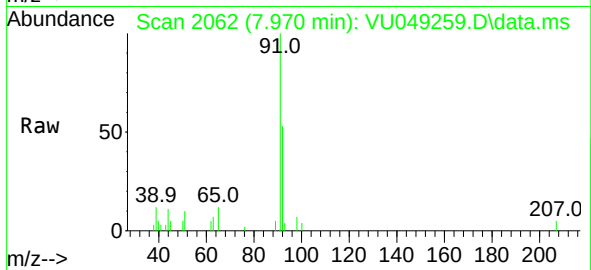
Acq: 17 Jun 2022 21:19

Instrument :

MSVOA_U

ClientSampleId :

BGJ86



Tgt Ion: 91 Resp: 7513

Ion Ratio Lower Upper

91 100

92 53.4 40.0 74.2

