

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061522\
 Data File : VU049179.D
 Acq On : 15 Jun 2022 18:44
 Operator : SY/MD
 Sample : N3285-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Q0

Quant Time: Jun 16 04:51:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 04:45:30 2022
 Response via : Initial Calibration

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

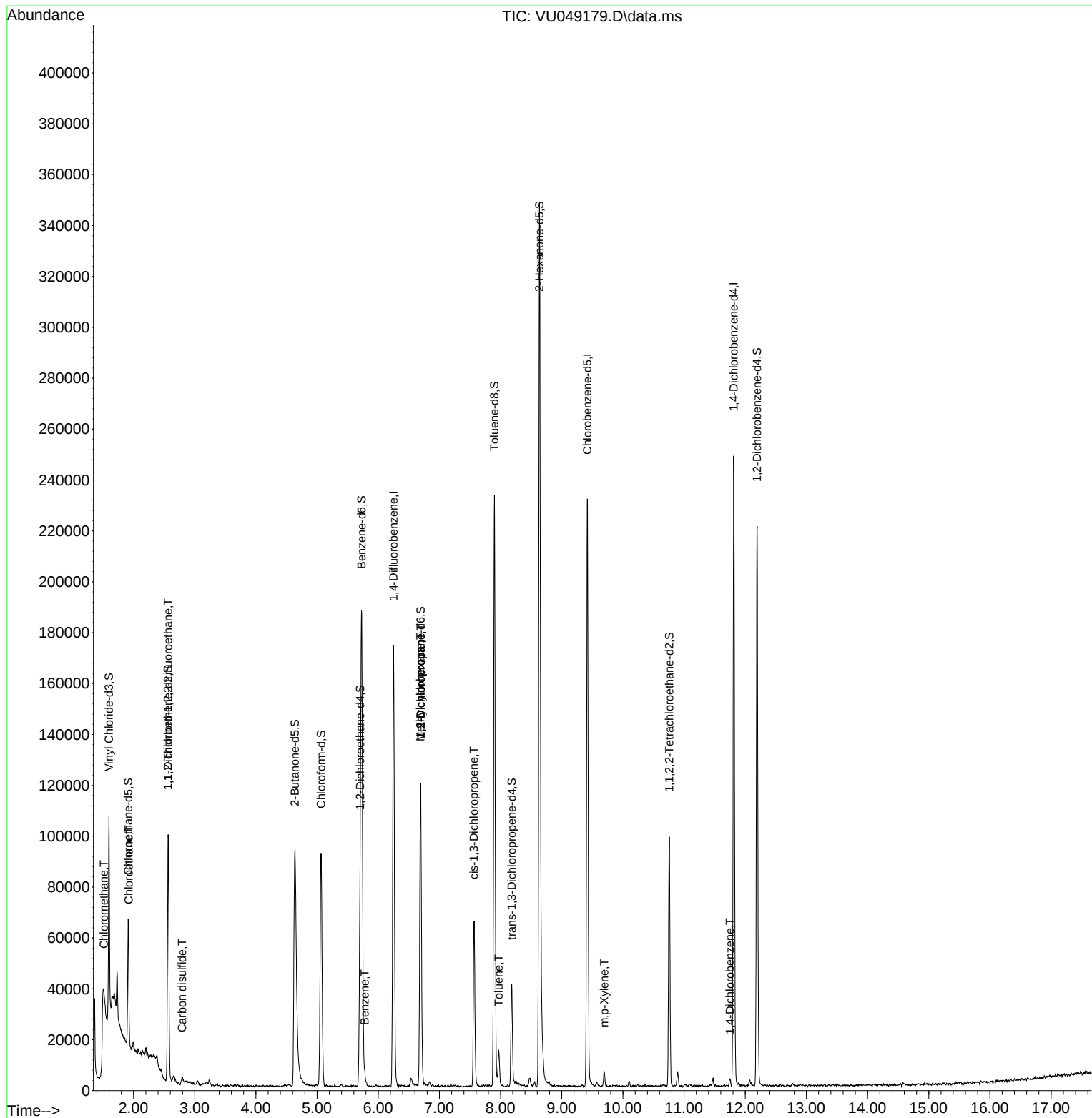
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	135532	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	124692	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	62766	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44761	3.780	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.600%	
7) Chloroethane-d5	1.912	69	33948	4.234	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.600%	
11) 1,1-Dichloroethene-d2	2.565	65	18203	3.821	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.400%	
20) 2-Butanone-d5	4.636	46	174653	55.234	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.460%	
24) Chloroform-d	5.066	84	83016	4.468	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.400%	
26) 1,2-Dichloroethane-d4	5.703	65	48704	4.779	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.600%	
32) Benzene-d6	5.729	84	166180	4.424	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.400%	
36) 1,2-Dichloropropane-d6	6.693	67	57698	4.526	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.600%	
41) Toluene-d8	7.899	98	150066	4.437	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
43) trans-1,3-Dichloroprop...	8.182	79	22706	4.009	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.200%	
46) 2-Hexanone-d5	8.635	63	125697	55.014	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	110.020%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	50025	4.901	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	55733	4.627	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.600%	
Target Compounds						Qvalue
3) Chloromethane	1.517	50	2188	0.172	ug/L #	42
8) Chloroethane	1.919	64	1336	0.203	ug/L #	54
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	366	0.047	ug/L #	21
14) Carbon disulfide	2.793	76	3273	0.130	ug/L	98
33) Benzene	5.777	78	3861	0.104	ug/L	100
35) Methylcyclohexane	6.690	83	12831	0.807	ug/L #	17
37) 1,2-Dichloropropane	6.693	63	5942	0.583	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	1584	0.102	ug/L #	66
42) Toluene	7.970	91	9245	0.235	ug/L	98
53) m,p-Xylene	9.697	106	1555	0.097	ug/L	96
65) 1,4-Dichlorobenzene	11.751	146	1287	0.071	ug/L	94

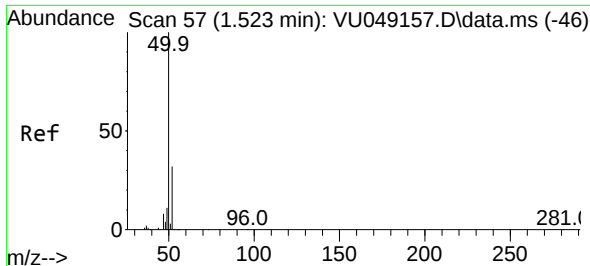
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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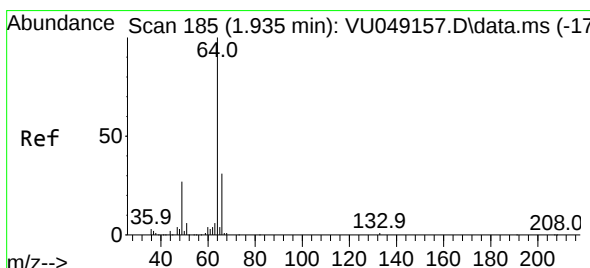
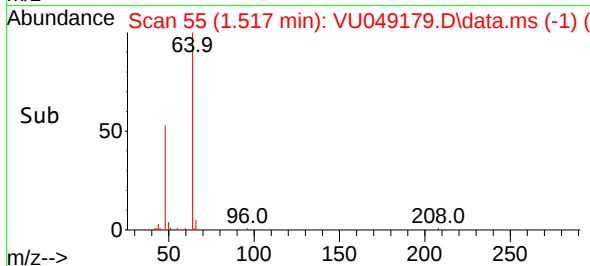
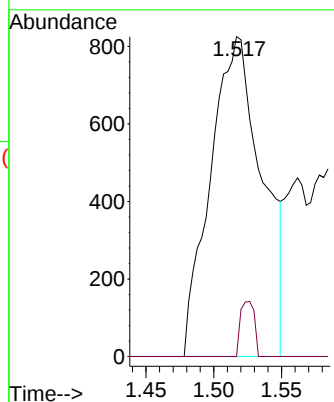
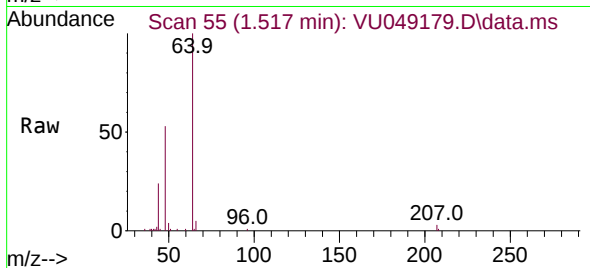




#3
Chloromethane
Concen: 0.172 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.006 min
Lab File: VU049179.D
Acq: 15 Jun 2022 18:44

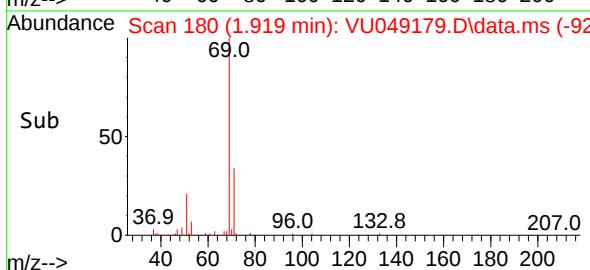
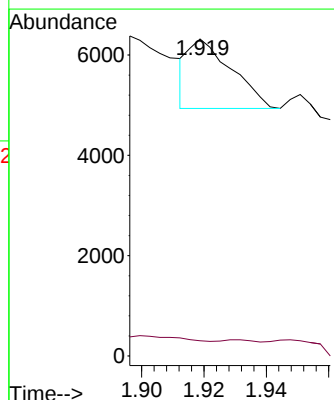
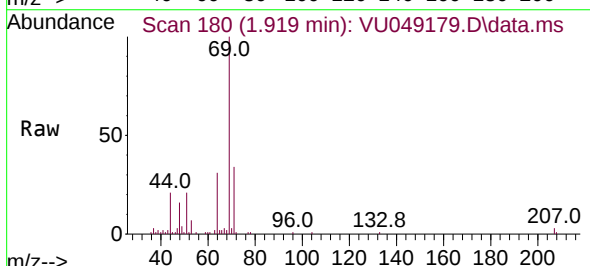
Instrument :
MSVOA_U
ClientSampleId :
EW4Q0

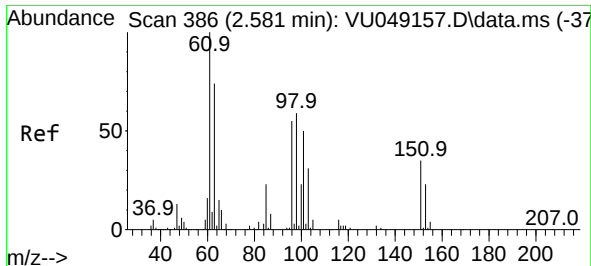
Tgt Ion: 50 Resp: 2188
Ion Ratio Lower Upper
50 100
52 0.0 22.7 42.1#



#8
Chloroethane
Concen: 0.203 ug/L
RT: 1.919 min Scan# 180
Delta R.T. -0.016 min
Lab File: VU049179.D
Acq: 15 Jun 2022 18:44

Tgt Ion: 64 Resp: 1336
Ion Ratio Lower Upper
64 100
66 4.8 20.9 38.9#





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.047 ug/L

RT: 2.565 min Scan# 386

Delta R.T. -0.016 min

Lab File: VU049179.D

Acq: 15 Jun 2022 18:44

Instrument :

MSVOA_U

ClientSampleId :

EW4Q0

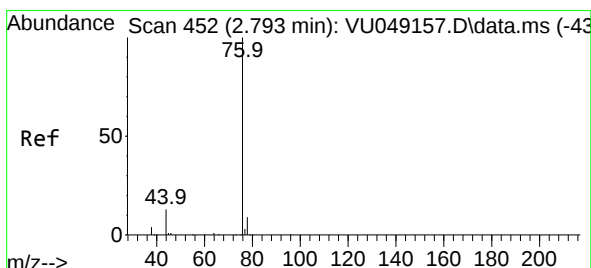
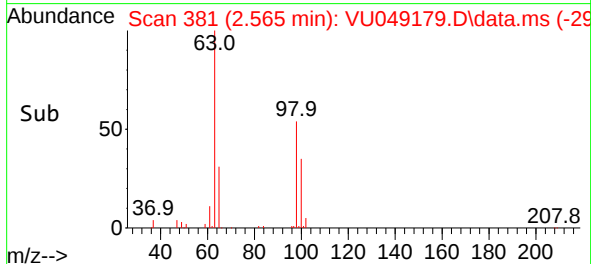
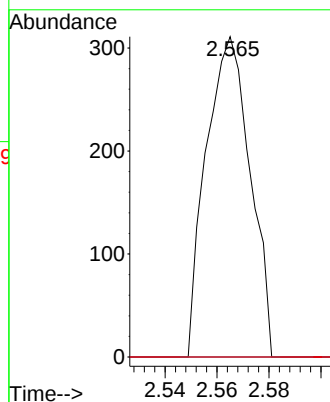
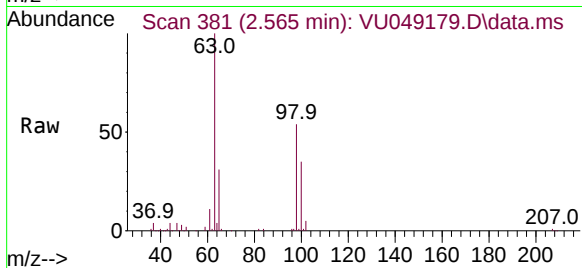
Tgt Ion:101 Resp: 366

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 0.0 56.8 85.2#



#14

Carbon disulfide

Concen: 0.130 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU049179.D

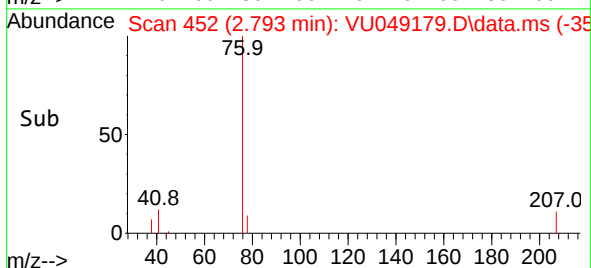
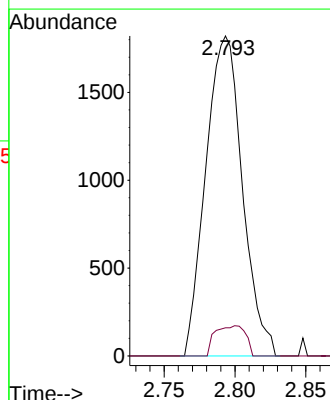
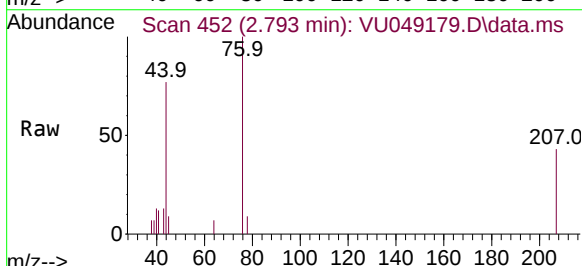
Acq: 15 Jun 2022 18:44

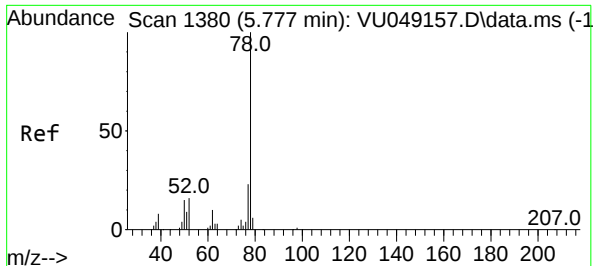
Tgt Ion: 76 Resp: 3273

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3

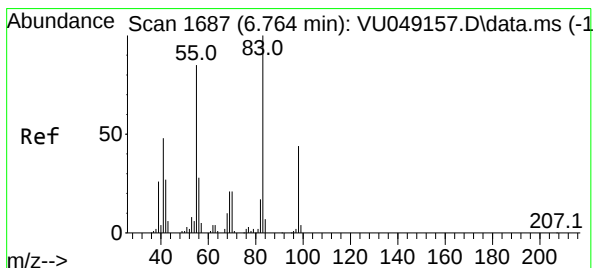
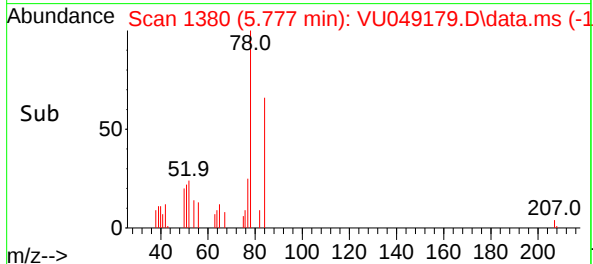
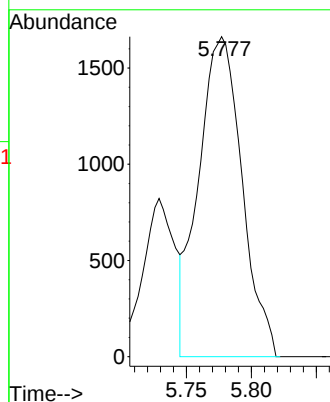
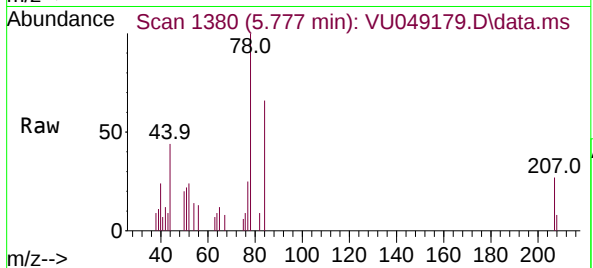




#33
Benzene
Concen: 0.104 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049179.D
Acq: 15 Jun 2022 18:44

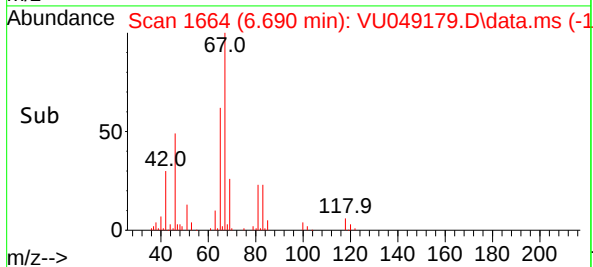
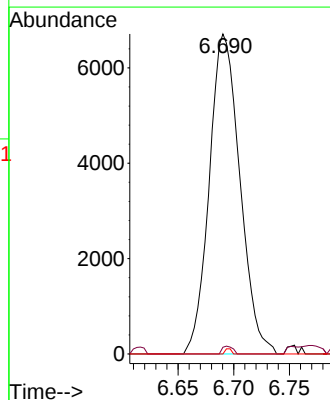
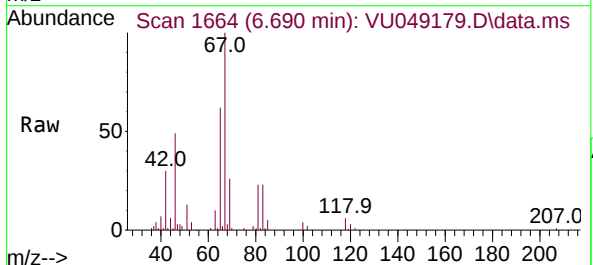
Instrument :
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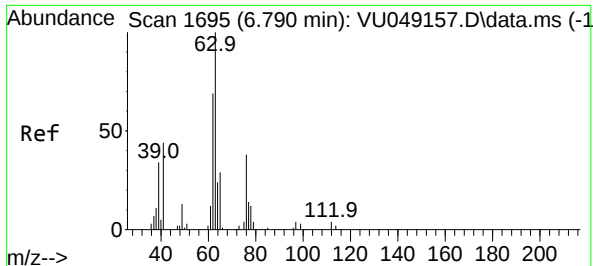
Tgt Ion: 78 Resp: 3861



#35
Methylcyclohexane
Concen: 0.807 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049179.D
Acq: 15 Jun 2022 18:44

Tgt Ion: 83 Resp: 12831
Ion Ratio Lower Upper
83 100
55 0.8 66.9 100.3#
98 0.3 35.5 53.3#

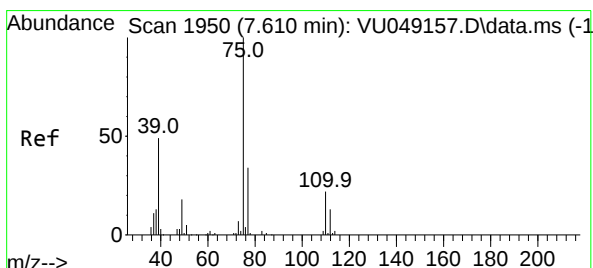
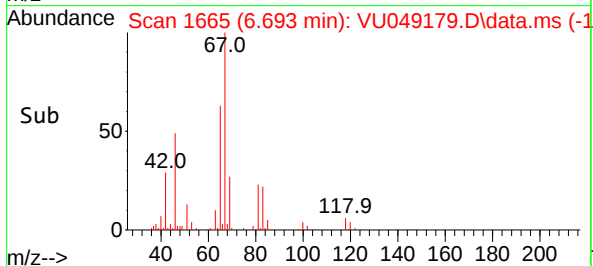
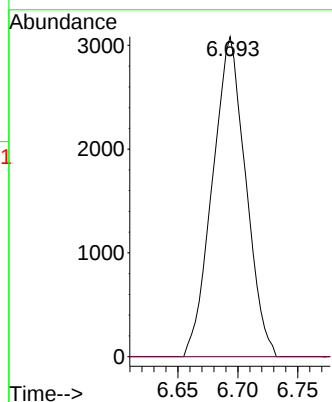
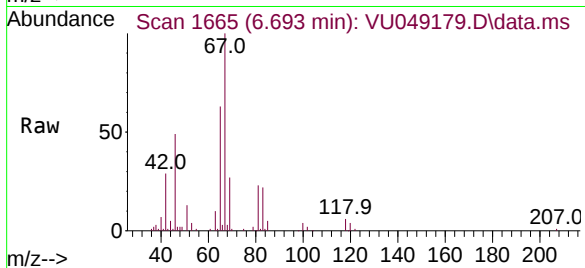




#37
1,2-Dichloropropane
Concen: 0.583 ug/L
RT: 6.693 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU049179.D
Acq: 15 Jun 2022 18:44

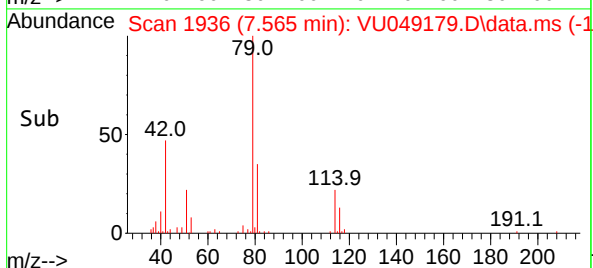
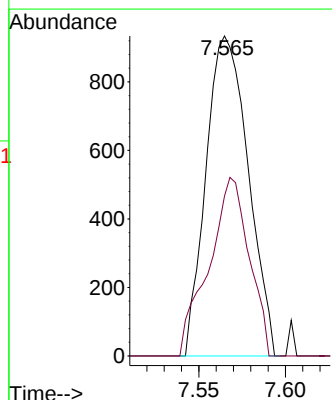
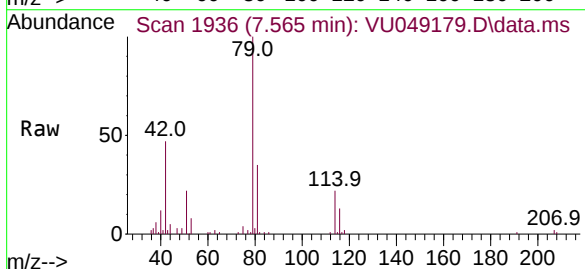
Instrument :
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ClientSampleId :
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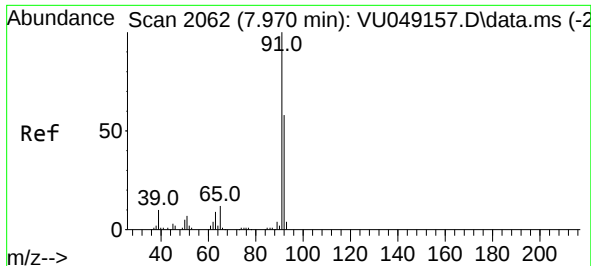
Tgt Ion: 63 Resp: 5942
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



#39
cis-1,3-Dichloropropene
Concen: 0.102 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.045 min
Lab File: VU049179.D
Acq: 15 Jun 2022 18:44

Tgt Ion: 75 Resp: 1584
Ion Ratio Lower Upper
75 100
77 50.0 21.8 40.4#

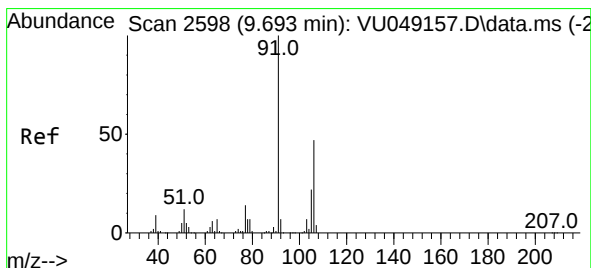
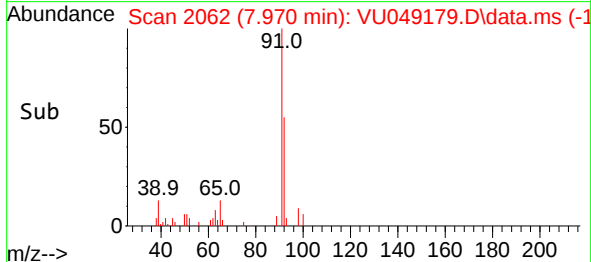
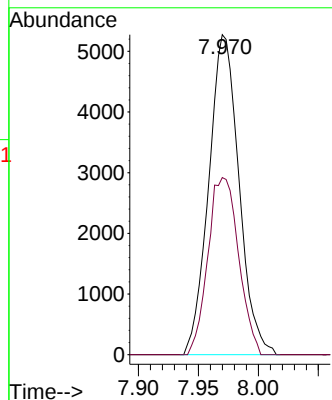
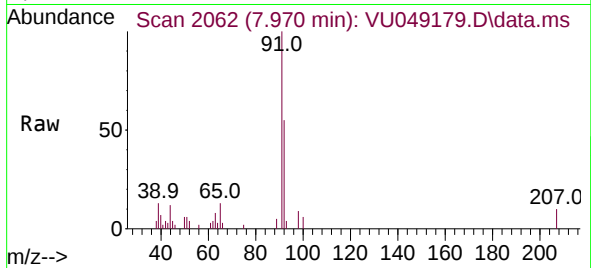




#42
Toluene
Concen: 0.235 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU049179.D
Acq: 15 Jun 2022 18:44

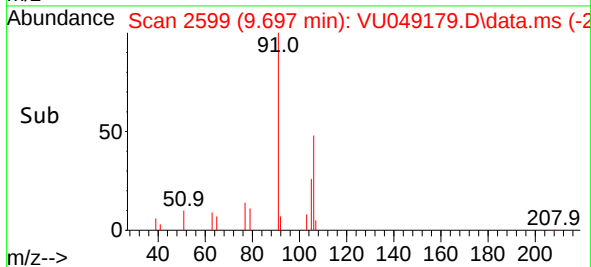
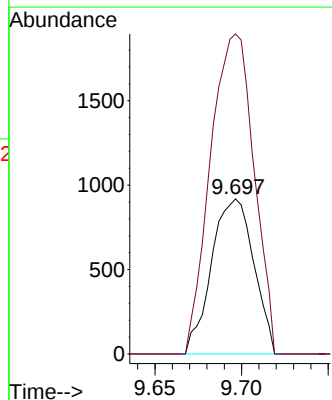
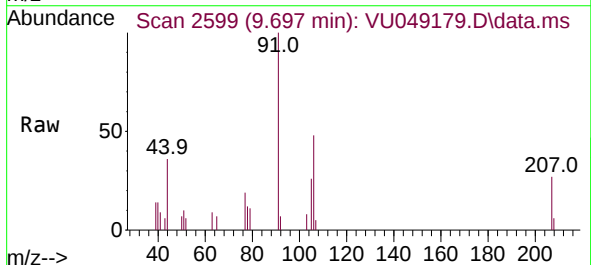
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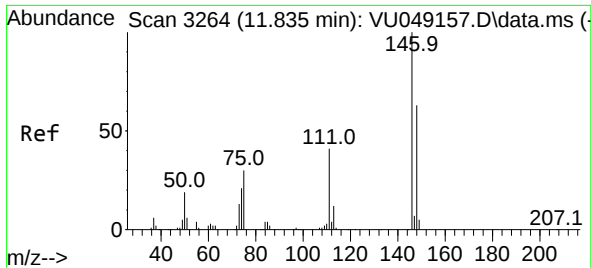
Tgt Ion: 91 Resp: 9245
Ion Ratio Lower Upper
91 100
92 55.4 40.0 74.2



#53
m,p-Xylene
Concen: 0.097 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU049179.D
Acq: 15 Jun 2022 18:44

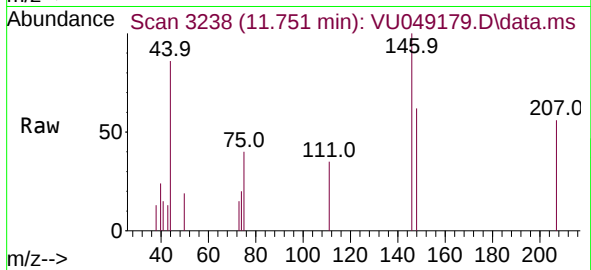
Tgt Ion: 106 Resp: 1555
Ion Ratio Lower Upper
106 100
91 206.4 148.5 275.7





#65
 1,4-Dichlorobenzene
 Concen: 0.071 ug/L
 RT: 11.751 min Scan# 31
 Delta R.T. -0.084 min
 Lab File: VU049179.D
 Acq: 15 Jun 2022 18:44

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Q0



Tgt Ion:	146	Resp:	1287
Ion	Ratio	Lower	Upper
146	100		
111	35.4	29.8	55.4
148	61.7	44.7	83.1

