

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048287.D
 Acq On : 25 Apr 2022 22:50
 Operator : SY/MD
 Sample : N2518-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXES5

Quant Time: Apr 26 02:48:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:41:26 2022
 Response via : Initial Calibration

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

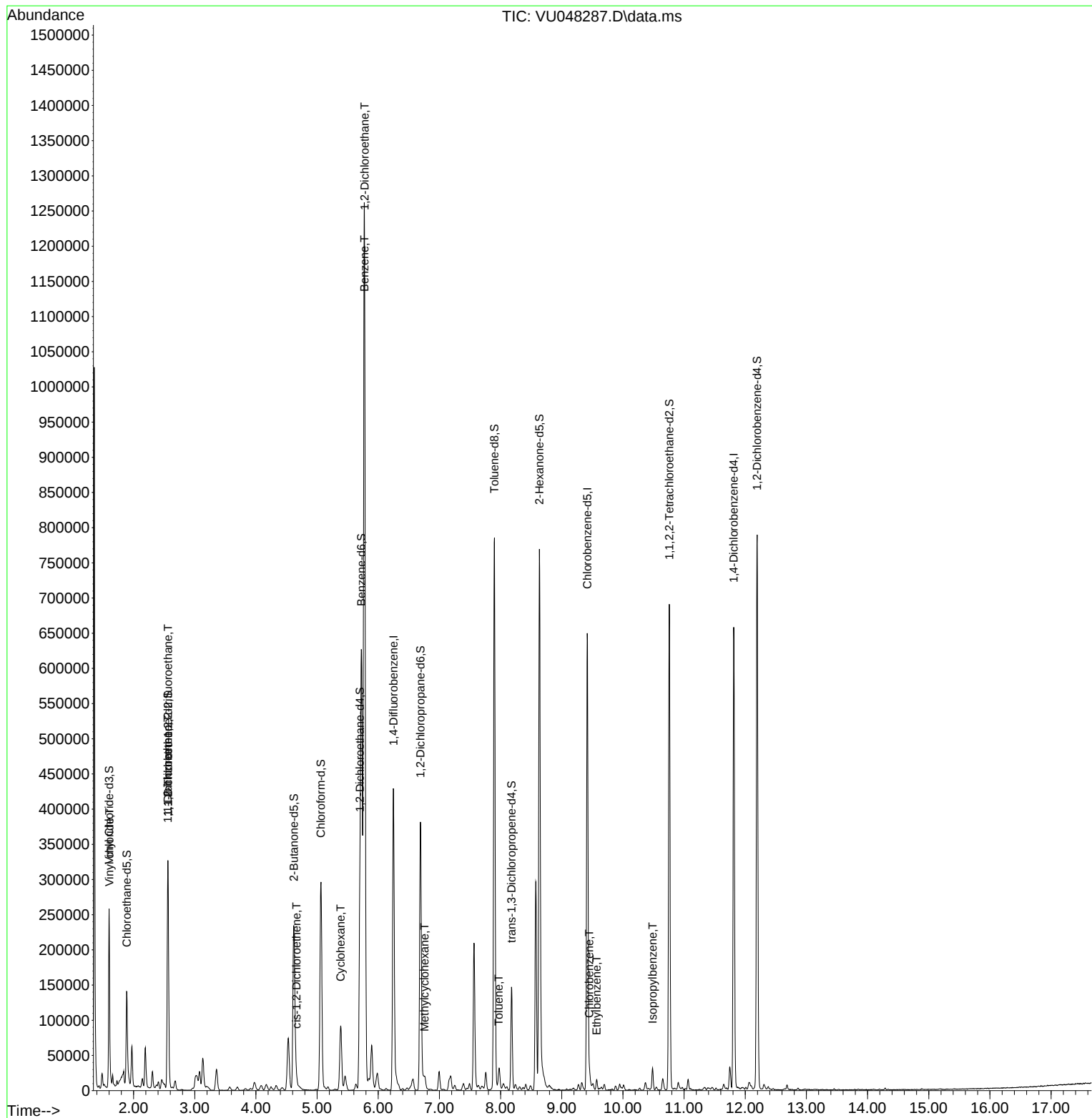
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	370501	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	379384	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	189785	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	147207	43.207	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.420%
7) Chloroethane-d5	1.890	69	120805	50.514	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.020%
11) 1,1-Dichloroethene-d2	2.562	63	189346	34.685	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.360%
21) 2-Butanone-d5	4.620	46	340590	117.207	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.210%
24) Chloroform-d	5.063	84	283508	45.877	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.760%
26) 1,2-Dichloroethane-d4	5.700	65	179589	48.979	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.960%
32) Benzene-d6	5.726	84	600918	50.222	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.440%
36) 1,2-Dichloropropane-d6	6.690	67	196690	49.723	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.440%
41) Toluene-d8	7.899	98	527529	48.639	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.280%
43) trans-1,3-Dichloroprop...	8.179	79	81222	46.532	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.060%
47) 2-Hexanone-d5	8.636	63	267681	125.423	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.420%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	348799	50.276	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.560%
66) 1,2-Dichlorobenzene-d4	12.195	152	222585	52.136	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.280%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	6474	2.005	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1821	0.652	ug/L #	18
12) 1,1-Dichloroethene	2.559	96	877	0.360	ug/L #	1
20) cis-1,2-Dichloroethene	4.665	96	2371	0.777	ug/L	95
27) 1,2-Dichloroethane	5.777	62	12280	3.115	ug/L #	83
29) Cyclohexane	5.385	56	44070	12.294	ug/L	98
33) Benzene	5.774	78	1223807	108.952	ug/L	100
35) Methylcyclohexane	6.758	83	5825	1.507	ug/L #	53
42) Toluene	7.970	91	13436	1.139	ug/L	94
51) Chlorobenzene	9.449	112	8538	1.004	ug/L	96
52) Ethylbenzene	9.571	91	10998	0.901	ug/L	98
61) Isopropylbenzene	10.484	105	18642	1.757	ug/L	98

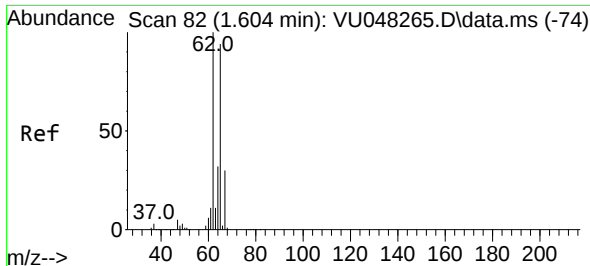
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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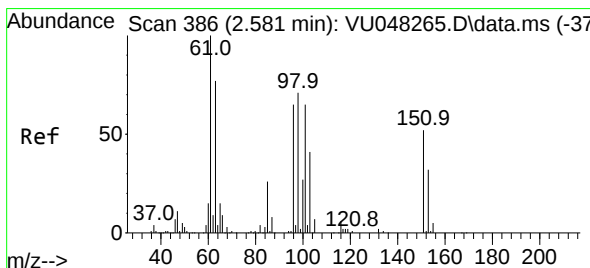
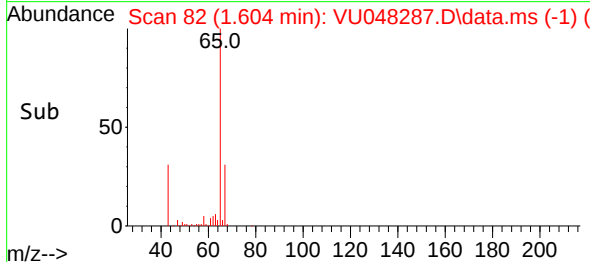
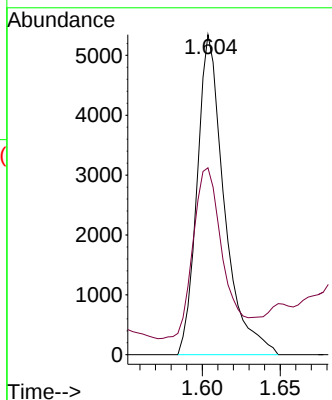
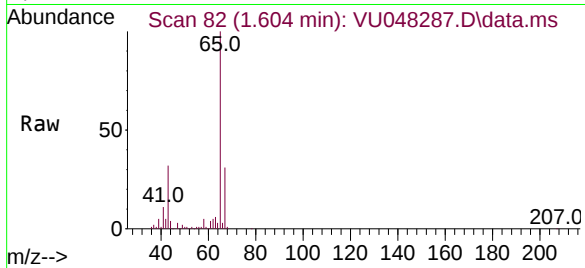




#5
 Vinyl chloride
 Concen: 2.005 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU048287.D
 Acq: 25 Apr 2022 22:50

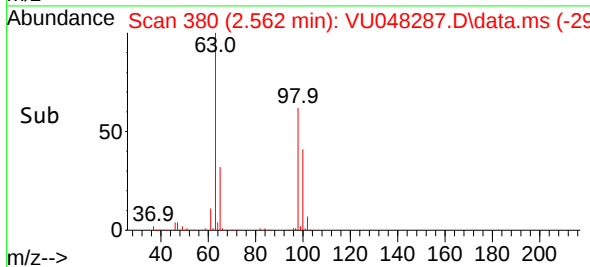
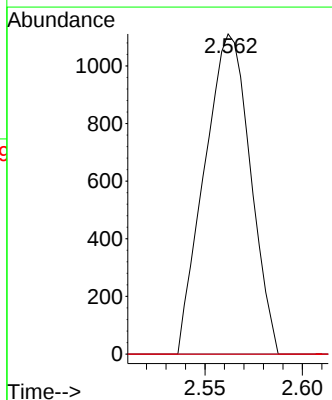
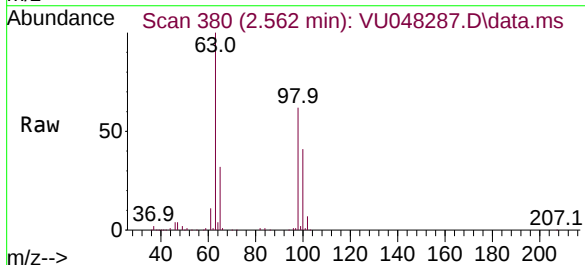
Instrument :
 MSVOA_U
 ClientSampleId :
 EXES5

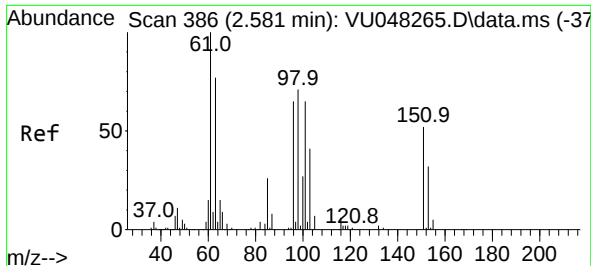
Tgt Ion: 62 Resp: 6474
 Ion Ratio Lower Upper
 62 100
 64 58.4 22.5 41.7#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.652 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.019 min
 Lab File: VU048287.D
 Acq: 25 Apr 2022 22:50

Tgt Ion: 101 Resp: 1821
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.6 48.8#
 151 0.0 64.1 96.1#





#12

1,1-Dichloroethene

Concen: 0.360 ug/L

RT: 2.559 min Scan# 31

Delta R.T. -0.023 min

Lab File: VU048287.D

Acq: 25 Apr 2022 22:50

Instrument :

MSVOA_U

ClientSampleId :

EXES5

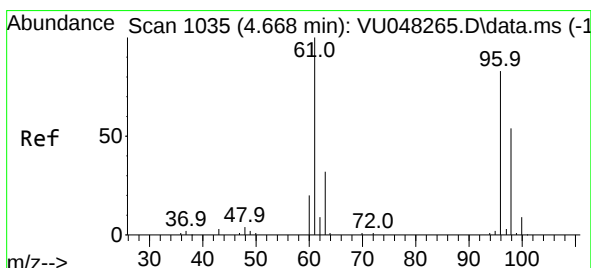
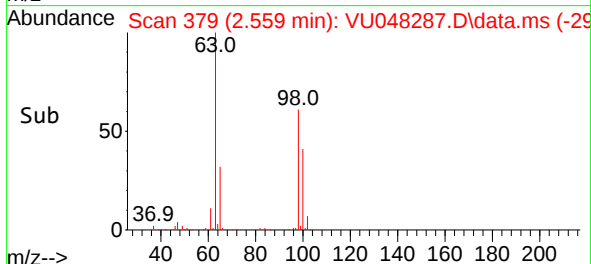
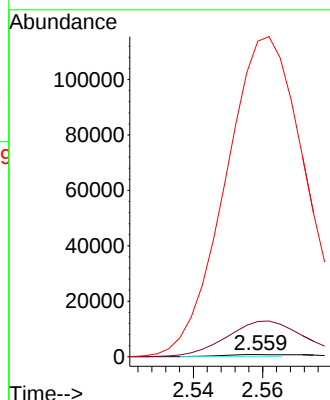
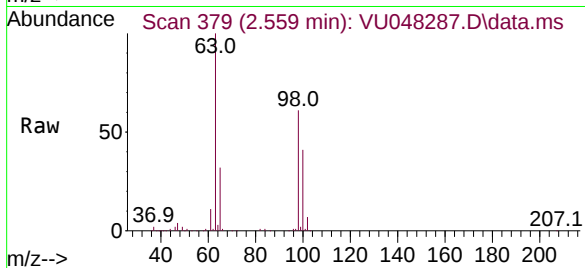
Tgt Ion: 96 Resp: 877

Ion Ratio Lower Upper

96 100

61 1648.6 107.9 200.3#

63 14744.0 80.3 149.1#



#20

cis-1,2-Dichloroethene

Concen: 0.777 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU048287.D

Acq: 25 Apr 2022 22:50

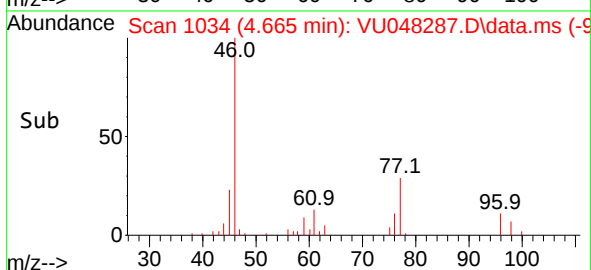
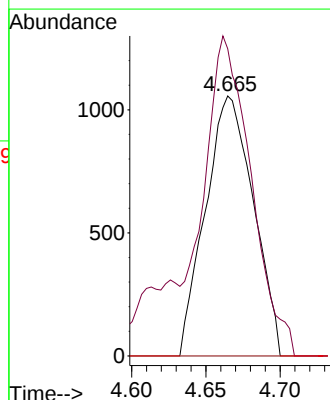
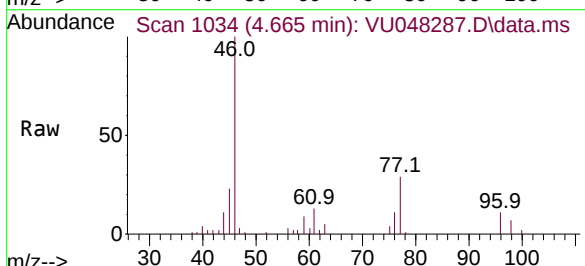
Tgt Ion: 96 Resp: 2371

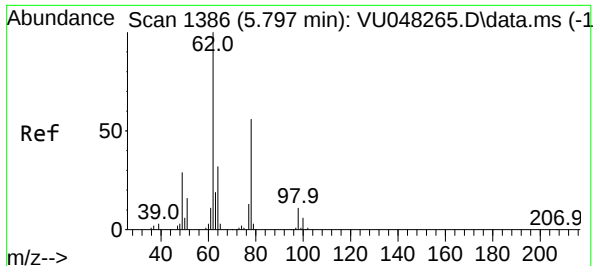
Ion Ratio Lower Upper

96 100

61 118.2 87.0 161.6

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 3.115 ug/L

RT: 5.777 min Scan# 11

Delta R.T. -0.019 min

Lab File: VU048287.D

Acq: 25 Apr 2022 22:50

Instrument :

MSVOA_U

ClientSampleId :

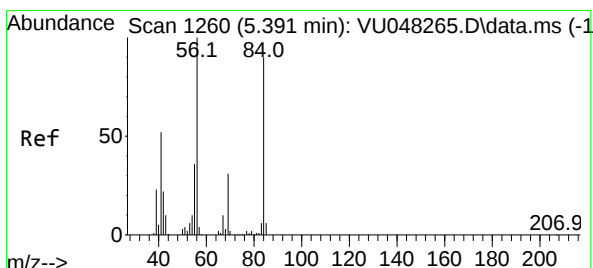
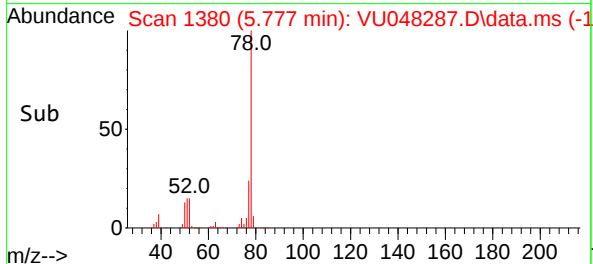
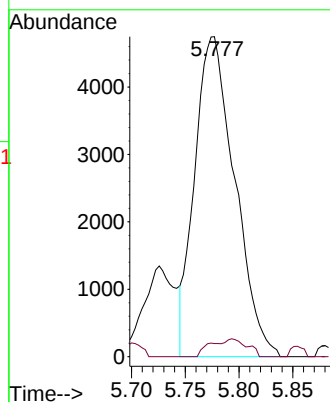
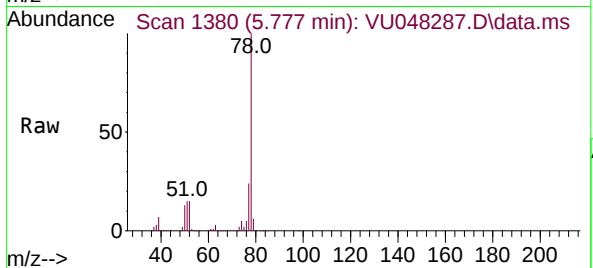
EXES5

Tgt Ion: 62 Resp: 12280

Ion Ratio Lower Upper

62 100

98 4.1 8.5 12.7#



#29

Cyclohexane

Concen: 12.294 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.007 min

Lab File: VU048287.D

Acq: 25 Apr 2022 22:50

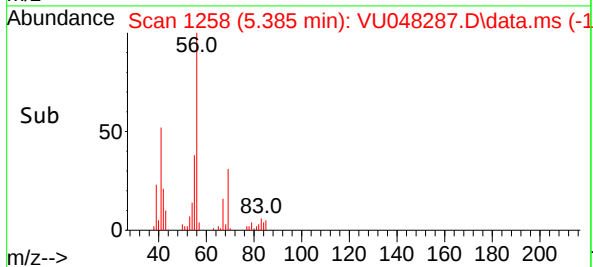
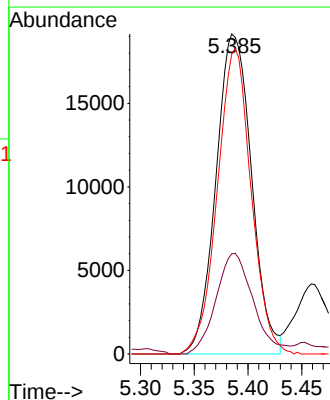
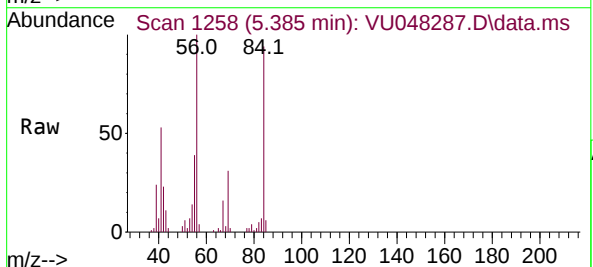
Tgt Ion: 56 Resp: 44070

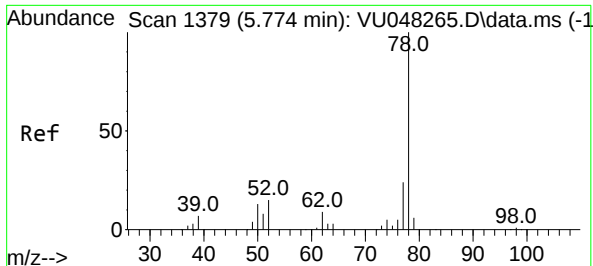
Ion Ratio Lower Upper

56 100

69 33.0 24.2 36.4

84 90.5 72.2 108.2

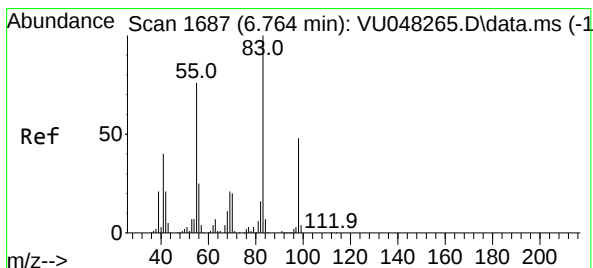
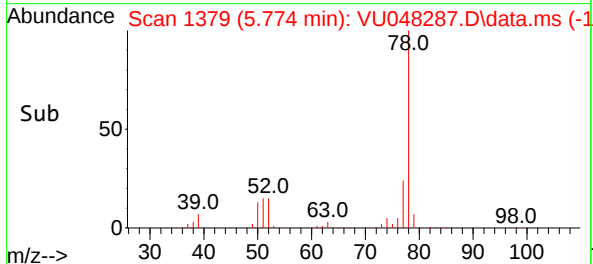
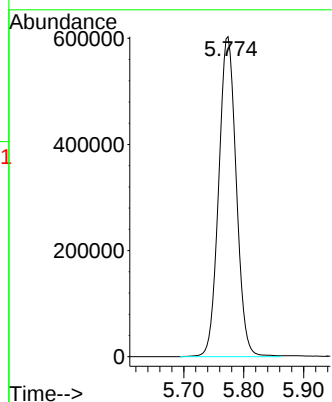
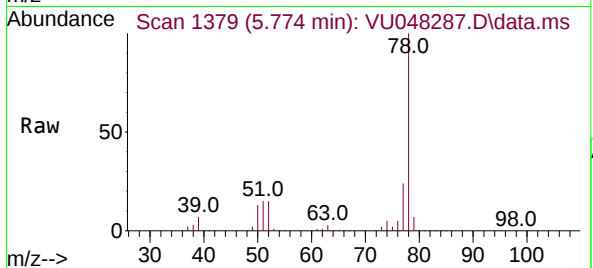




#33
Benzene
Concen: 108.952 ug/L
RT: 5.774 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048287.D
Acq: 25 Apr 2022 22:50

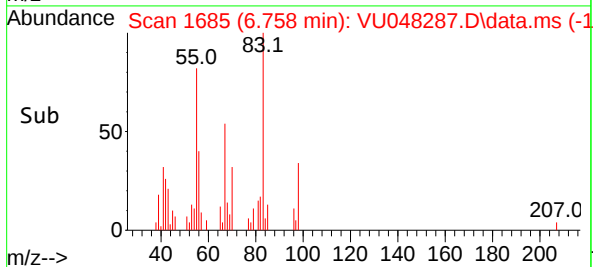
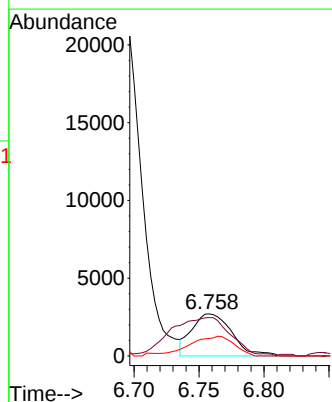
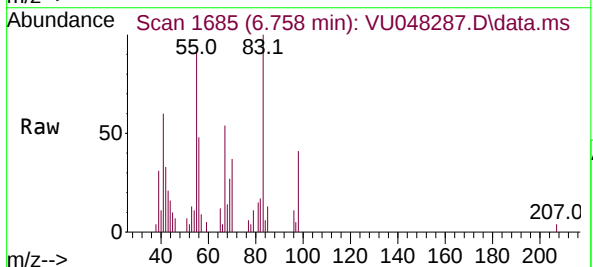
Instrument :
MSVOA_U
ClientSampleId :
EXES5

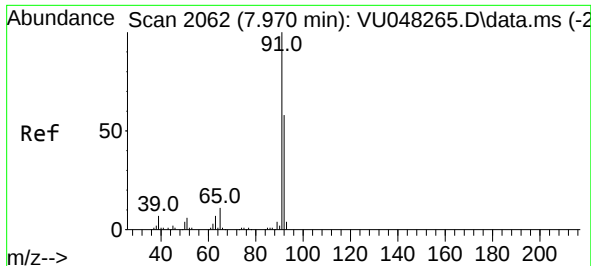
Tgt Ion: 78 Resp: 1223807



#35
Methylcyclohexane
Concen: 1.507 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.007 min
Lab File: VU048287.D
Acq: 25 Apr 2022 22:50

Tgt Ion: 83 Resp: 5825
Ion Ratio Lower Upper
83 100
55 136.0 59.4 89.2#
98 51.2 37.3 55.9





#42

Toluene

Concen: 1.139 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048287.D

Acq: 25 Apr 2022 22:50

Instrument :

MSVOA_U

ClientSampleId :

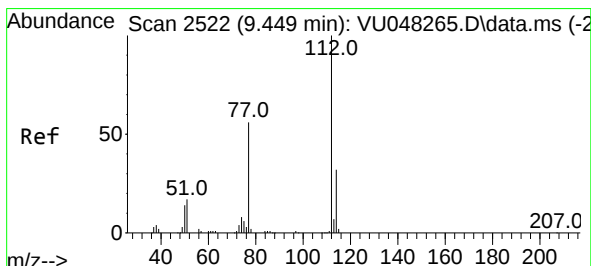
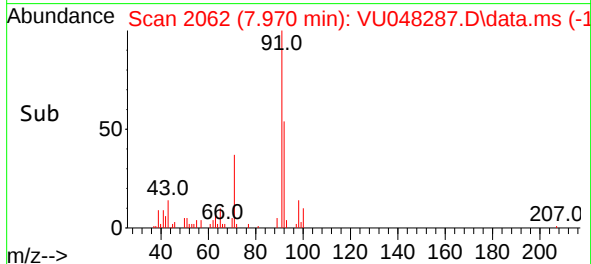
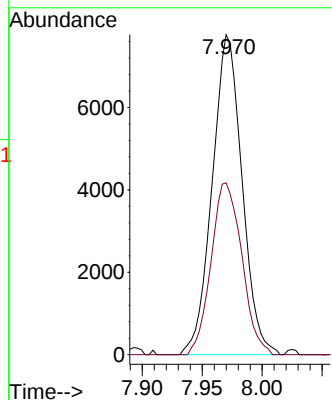
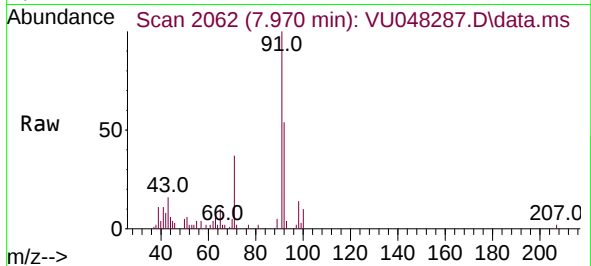
EXES5

Tgt Ion: 91 Resp: 13436

Ion Ratio Lower Upper

91 100

92 53.7 40.9 76.0



#51

Chlorobenzene

Concen: 1.004 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU048287.D

Acq: 25 Apr 2022 22:50

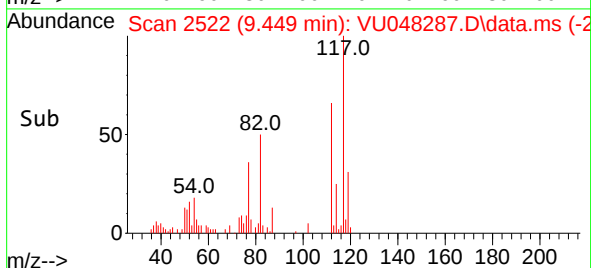
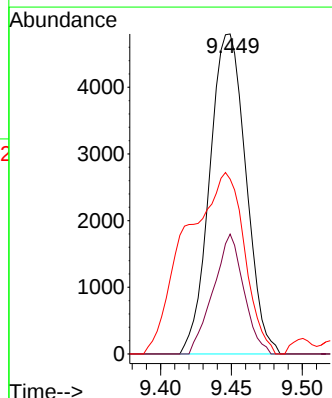
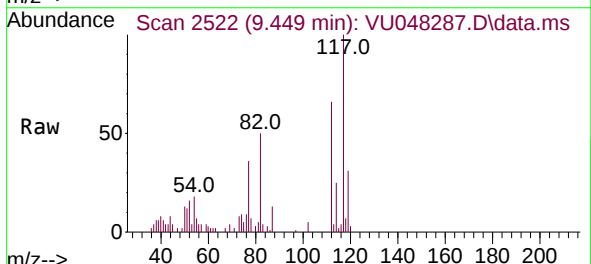
Tgt Ion: 112 Resp: 8538

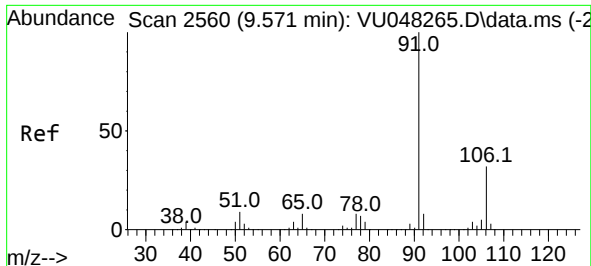
Ion Ratio Lower Upper

112 100

114 37.4 22.7 42.1

77 54.7 44.3 66.5

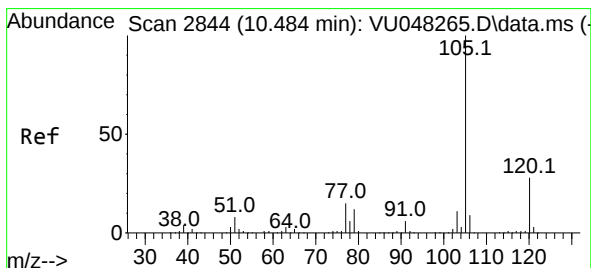
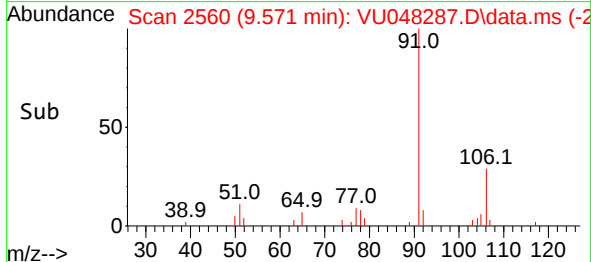
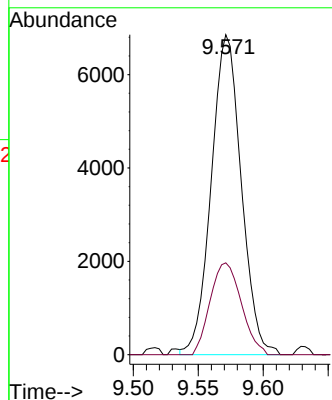
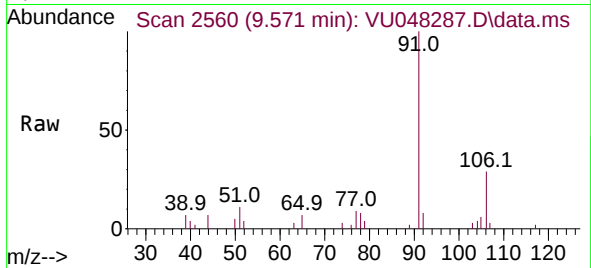




#52
Ethylbenzene
Concen: 0.901 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048287.D
Acq: 25 Apr 2022 22:50

Instrument :
MSVOA_U
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Tgt Ion: 91 Resp: 10998
Ion Ratio Lower Upper
91 100
106 31.2 22.5 41.9



#61
Isopropylbenzene
Concen: 1.757 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048287.D
Acq: 25 Apr 2022 22:50

Tgt Ion: 105 Resp: 18642
Ion Ratio Lower Upper
105 100
120 27.2 21.7 32.5
77 16.3 11.7 17.5

