

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048286.D
 Acq On : 25 Apr 2022 22:26
 Operator : SY/MD
 Sample : N2518-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXES4

Quant Time: Apr 26 02:48:38 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)

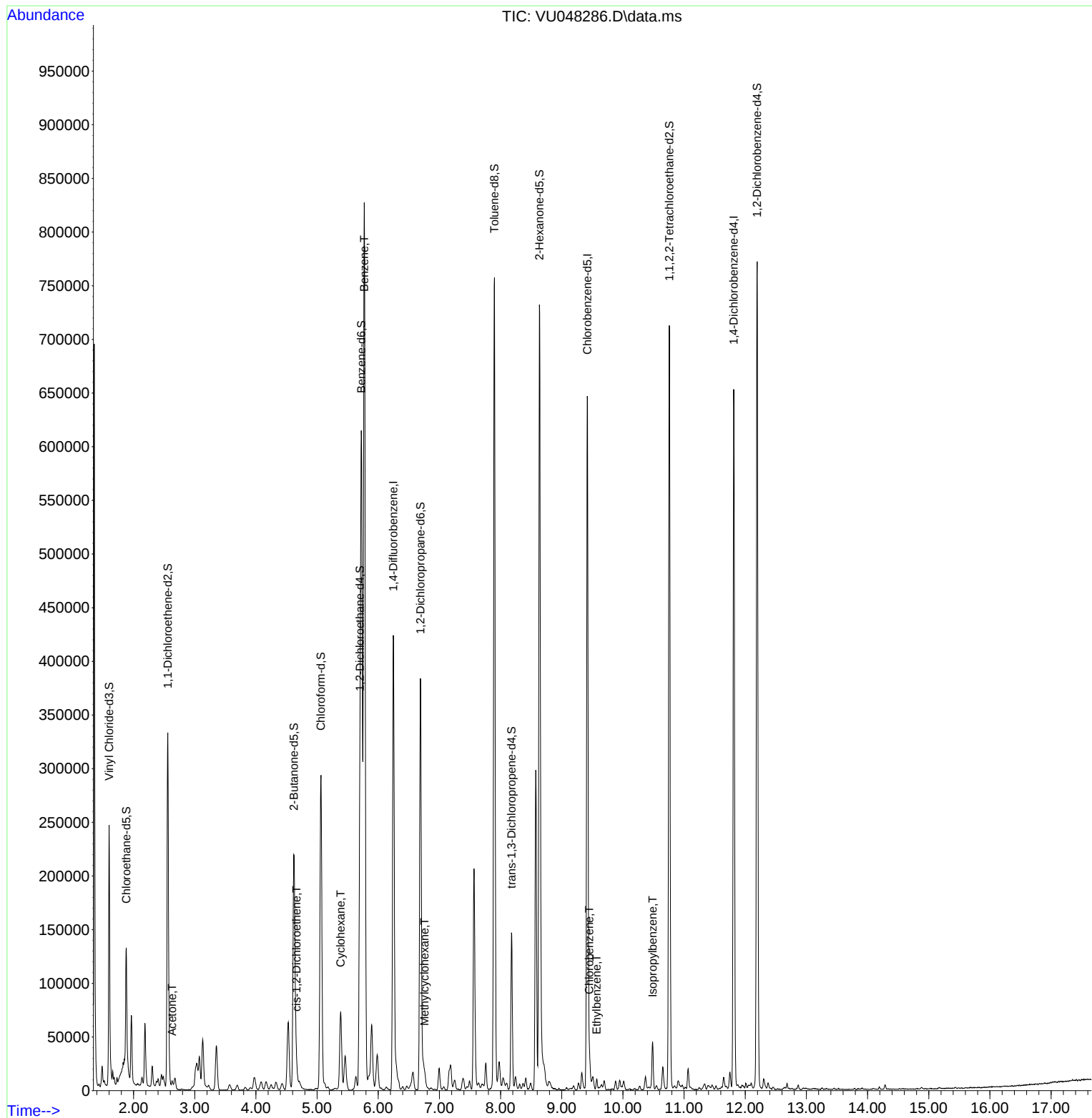
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	367177	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	378801	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	186420	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	148277	43.915	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.820%
7) Chloroethane-d5	1.880	69	113498	47.888	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.780%
11) 1,1-Dichloroethene-d2	2.559	63	191062	35.316	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.640%
21) 2-Butanone-d5	4.620	46	329465	114.405	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.410%
24) Chloroform-d	5.063	84	278226	45.430	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.860%
26) 1,2-Dichloroethane-d4	5.700	65	174226	47.947	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.900%
32) Benzene-d6	5.726	84	580992	48.631	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.260%
36) 1,2-Dichloropropane-d6	6.690	67	194411	49.222	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.440%
41) Toluene-d8	7.899	98	515472	47.601	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	8.179	79	82114	47.116	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.240%
47) 2-Hexanone-d5	8.636	63	258192	121.164	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.160%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	358409	51.741	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.480%
66) 1,2-Dichlorobenzene-d4	12.195	152	221453	52.808	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.620%
Target Compounds						Qvalue
13) Acetone	2.629	43	7308	3.953	ug/L	95
20) cis-1,2-Dichloroethene	4.665	96	2663	0.881	ug/L	99
29) Cyclohexane	5.385	56	34746	9.708	ug/L	97
33) Benzene	5.771	78	814953	72.664	ug/L	100
35) Methylcyclohexane	6.758	83	3770	0.977	ug/L #	40
51) Chlorobenzene	9.449	112	12037	1.418	ug/L	97
52) Ethylbenzene	9.571	91	7393	0.606	ug/L	94
61) Isopropylbenzene	10.484	105	27510	2.639	ug/L	97

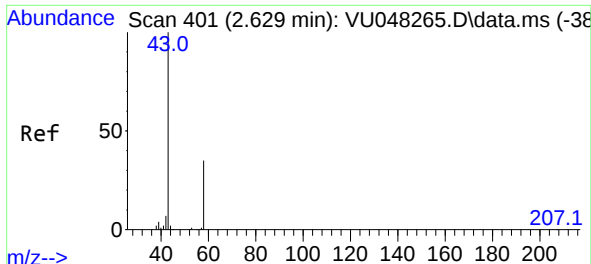
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Apr 26 02:41:26 2022
Response via : Initial Calibration

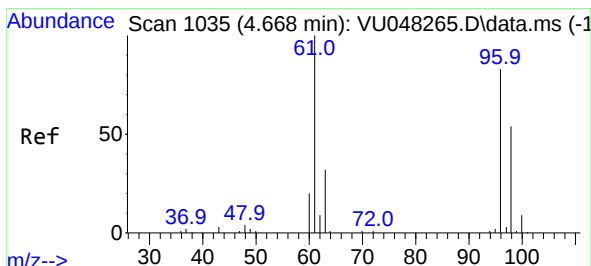
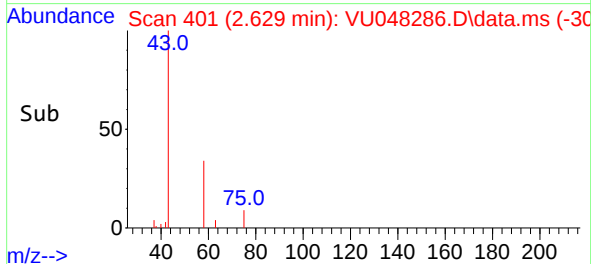
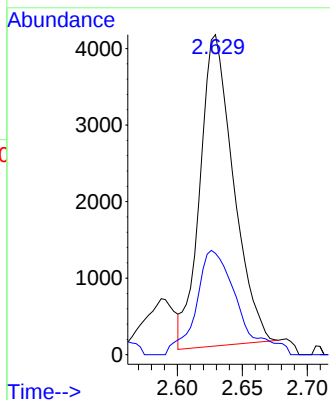
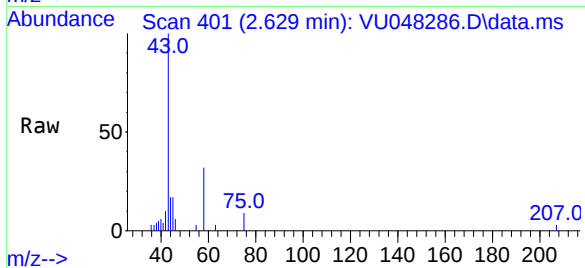




#13
Acetone
Concen: 3.953 ug/L
RT: 2.629 min Scan# 401
Delta R.T. -0.000 min
Lab File: VU048286.D
Acq: 25 Apr 2022 22:26

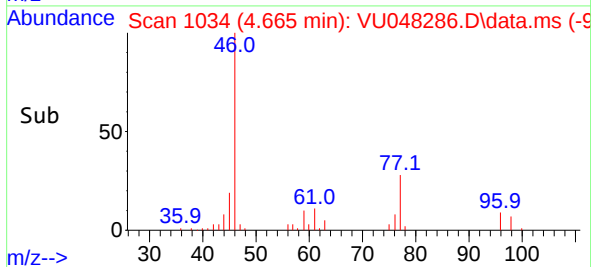
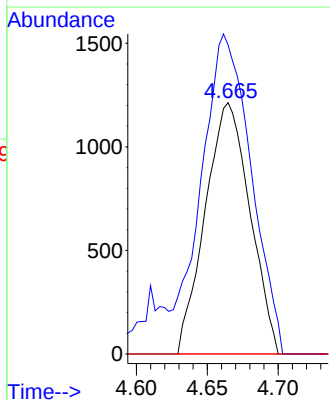
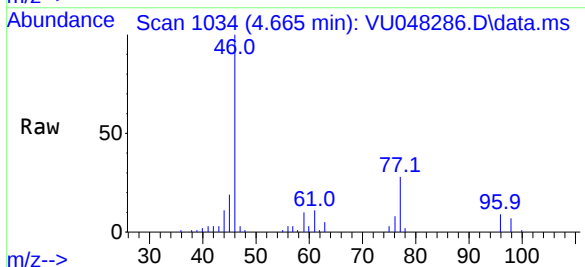
Instrument :
MSVOA_U
ClientSampleId :
EXES4

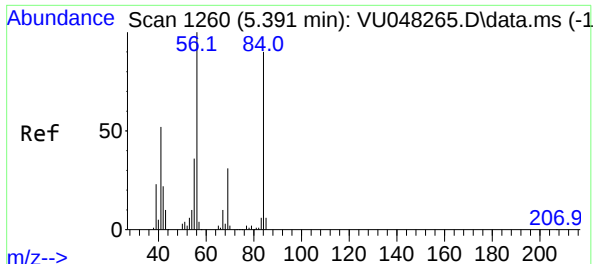
Tgt Ion: 43 Resp: 7308
Ion Ratio Lower Upper
43 100
58 38.3 0.0 71.2



#20
cis-1,2-Dichloroethene
Concen: 0.881 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU048286.D
Acq: 25 Apr 2022 22:26

Tgt Ion: 96 Resp: 2663
Ion Ratio Lower Upper
96 100
61 122.8 87.0 161.6
68 0.0 0.0 0.0





#29

Cyclohexane

Concen: 9.708 ug/L

RT: 5.385 min Scan# 11

Delta R.T. -0.007 min

Lab File: VU048286.D

Acq: 25 Apr 2022 22:26

Instrument :

MSVOA_U

ClientSampleId :

EXES4

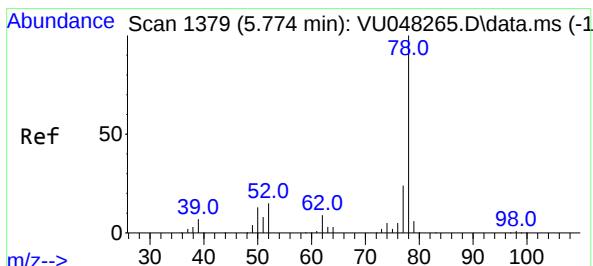
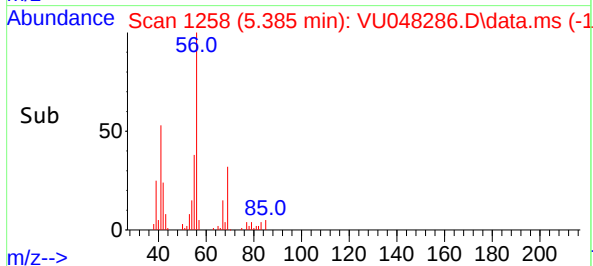
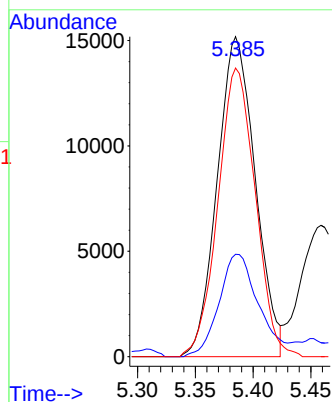
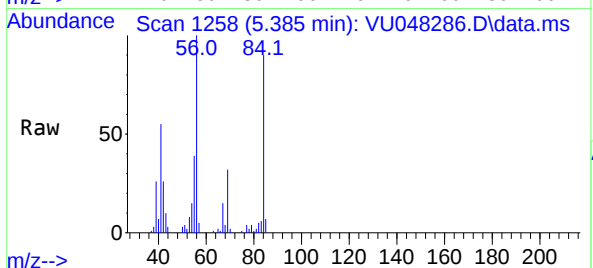
Tgt Ion: 56 Resp: 34746

Ion Ratio Lower Upper

56 100

69 33.2 24.2 36.4

84 88.7 72.2 108.2



#33

Benzene

Concen: 72.664 ug/L

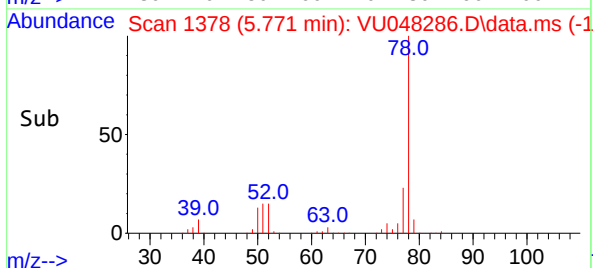
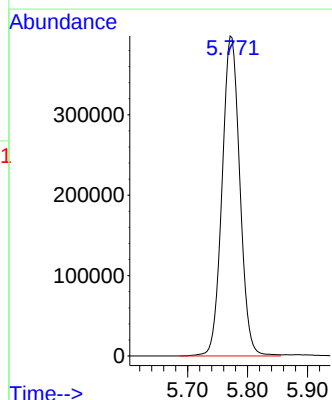
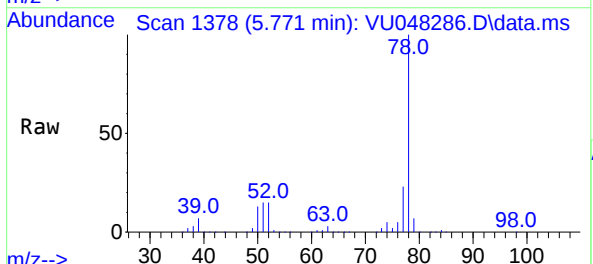
RT: 5.771 min Scan# 1378

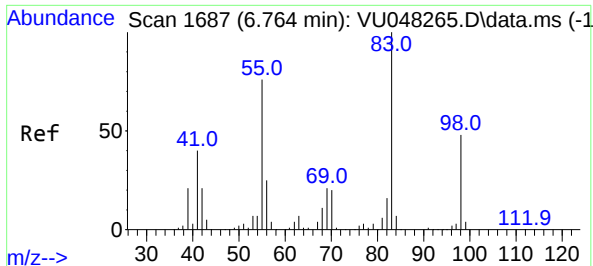
Delta R.T. -0.003 min

Lab File: VU048286.D

Acq: 25 Apr 2022 22:26

Tgt Ion: 78 Resp: 814953

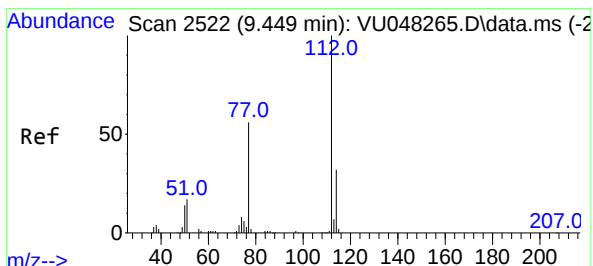
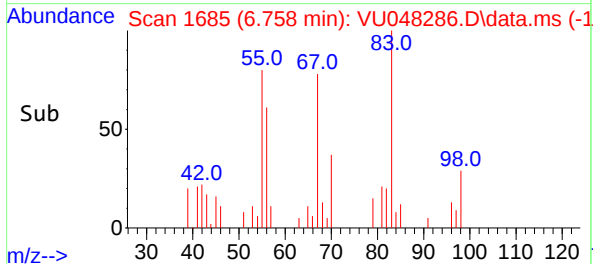
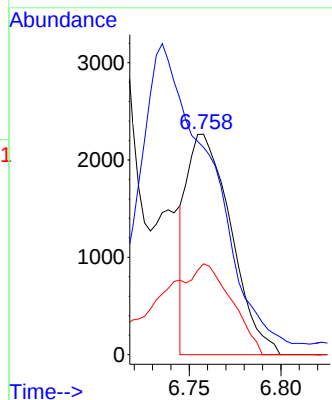
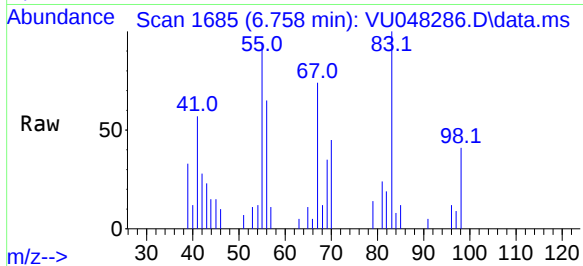




#35
Methylcyclohexane
Concen: 0.977 ug/L
RT: 6.758 min Scan# 1
Delta R.T. -0.007 min
Lab File: VU048286.D
Acq: 25 Apr 2022 22:26

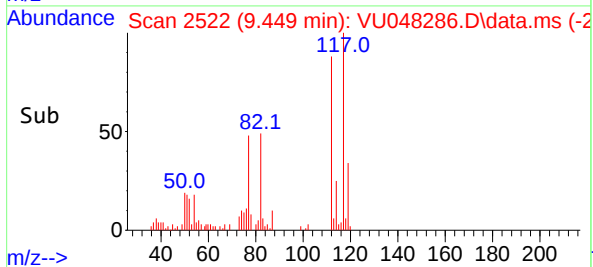
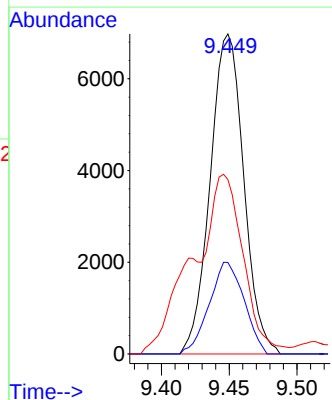
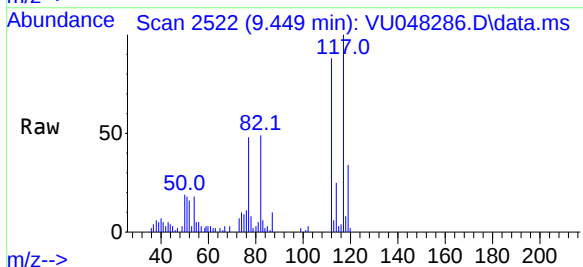
Instrument :
MSVOA_U
ClientSampleId :
EXES4

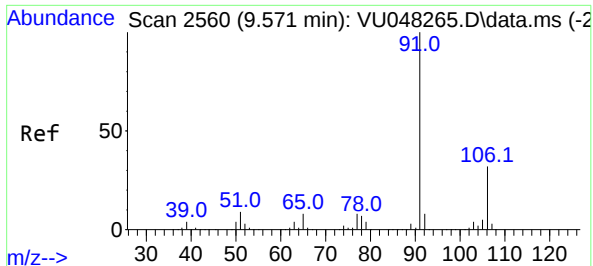
Tgt Ion: 83 Resp: 3770
Ion Ratio Lower Upper
83 100
55 2.4 59.4 89.2#
98 33.4 37.3 55.9#



#51
Chlorobenzene
Concen: 1.418 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU048286.D
Acq: 25 Apr 2022 22:26

Tgt Ion: 112 Resp: 12037
Ion Ratio Lower Upper
112 100
114 28.6 22.7 42.1
77 54.5 44.3 66.5

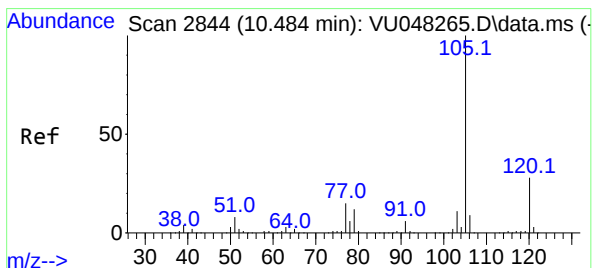
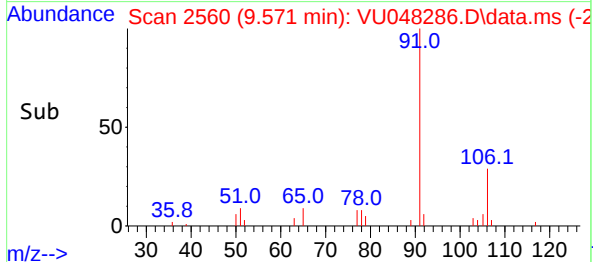
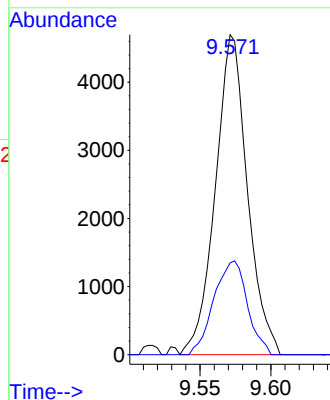
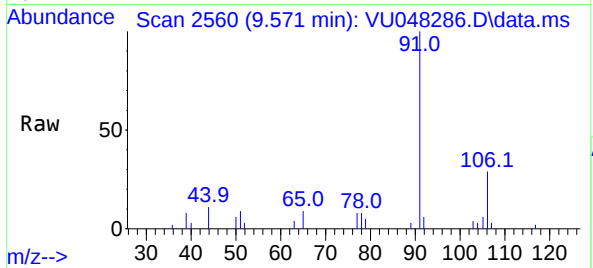




#52
Ethylbenzene
Concen: 0.606 ug/L
RT: 9.571 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048286.D
Acq: 25 Apr 2022 22:26

Instrument :
MSVOA_U
ClientSampleId :
EXES4

Tgt Ion: 91 Resp: 7393
Ion Ratio Lower Upper
91 100
106 28.7 22.5 41.9



#61
Isopropylbenzene
Concen: 2.639 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048286.D
Acq: 25 Apr 2022 22:26

Tgt Ion: 105 Resp: 27510
Ion Ratio Lower Upper
105 100
120 28.0 21.7 32.5
77 17.2 11.7 17.5

