

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
 Data File : VU044283.D
 Acq On : 01 Jul 2021 13:57
 Operator : SY/MD
 Sample : M2905-09DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBK25DL

Quant Time: Jul 02 01:51:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 02 01:46:49 2021
 Response via : Initial Calibration

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

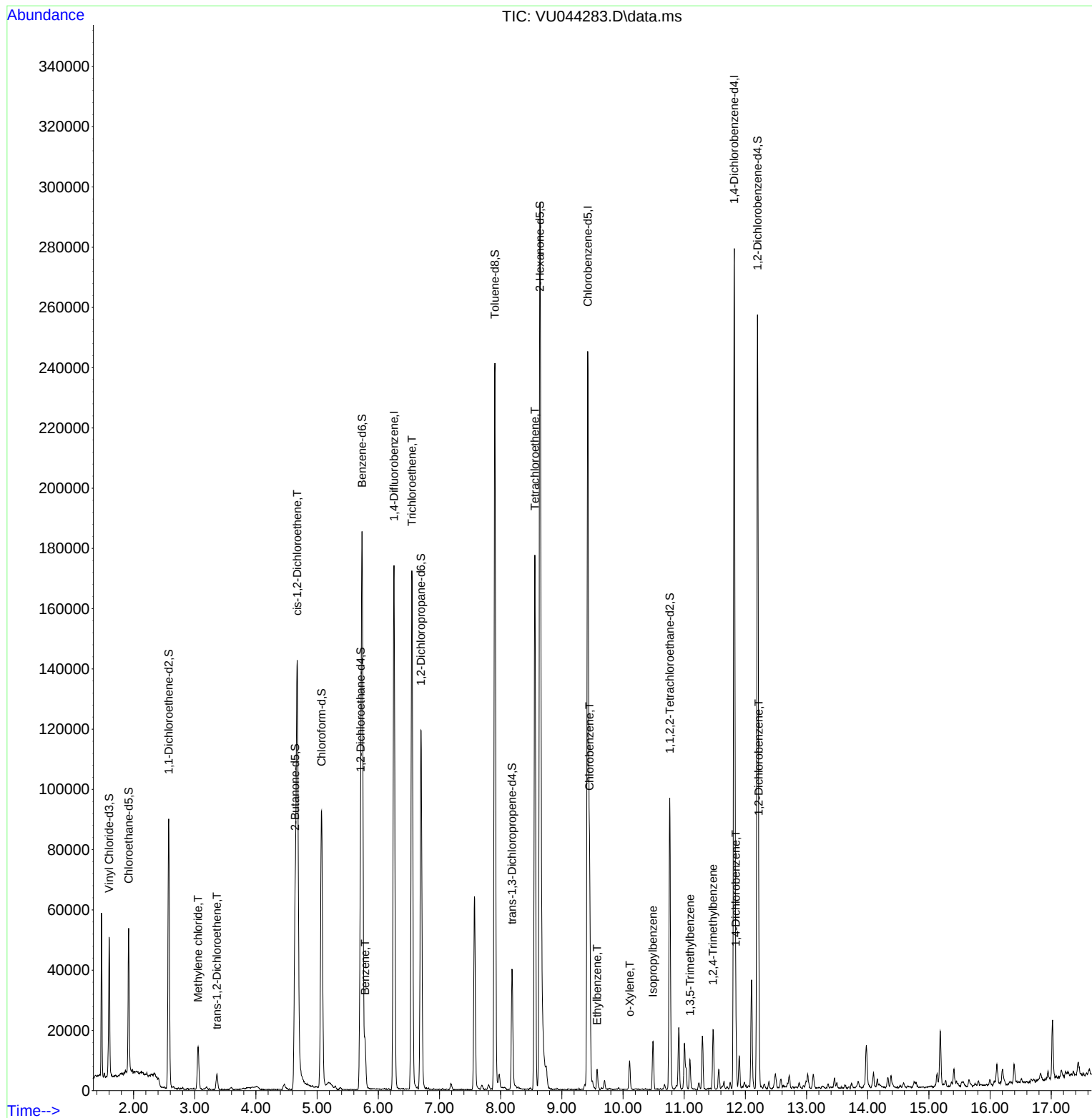
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	140173	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	131437	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	70450	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	30416	4.008	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.919	69	33928	4.540	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.575	65	17255	4.430	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	4.642	46	124850	44.673	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.340%
24) Chloroform-d	5.073	84	83391	4.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.710	65	48727	4.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.735	84	166671	5.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	6.697	67	55137	5.212	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%
41) Toluene-d8	7.906	98	155119	5.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
43) trans-1,3-Dichloroprop...	8.185	79	22282	4.541	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.642	63	123631	52.897	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.800%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	47775	5.080	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.198	152	62518	5.386	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						Qvalue
16) Methylene chloride	3.054	84	6615	0.606	ug/L	92
18) trans-1,2-Dichloroethene	3.362	96	2212	0.257	ug/L	93
22) cis-1,2-Dichloroethene	4.674	96	60063	6.372	ug/L	95
33) Benzene	5.784	78	13633	0.395	ug/L	100
34) Trichloroethene	6.549	95	55925	5.989	ug/L	95
47) Tetrachloroethene	8.558	164	38093	5.518	ug/L	96
51) Chlorobenzene	9.452	112	36921	1.518	ug/L	98
52) Ethylbenzene	9.578	91	4972	0.113	ug/L	94
54) o-Xylene	10.108	106	2472	0.153	ug/L	97
60) Isopropylbenzene	10.491	105	10588	0.247	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	5709	0.153	ug/L	98
63) 1,2,4-Trimethylbenzene	11.472	105	10765	0.282	ug/L	93
65) 1,4-Dichlorobenzene	11.844	146	7079	0.363	ug/L	91
67) 1,2-Dichlorobenzene	12.217	146	6595	0.363	ug/L	99

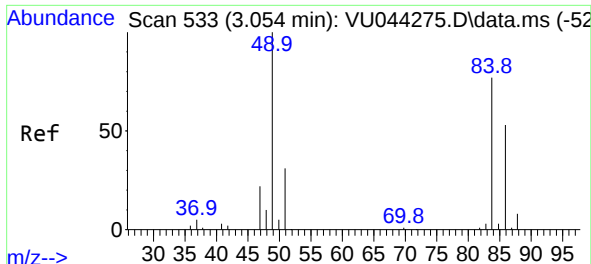
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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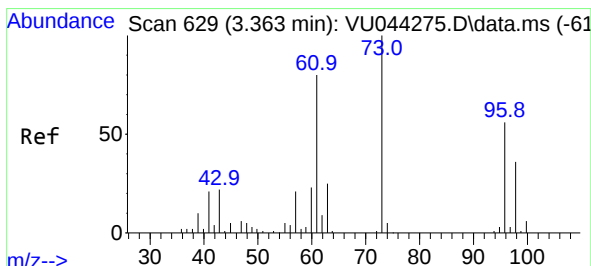
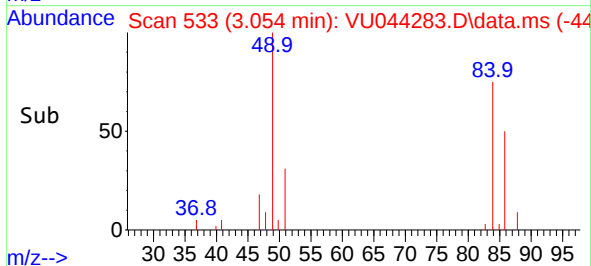
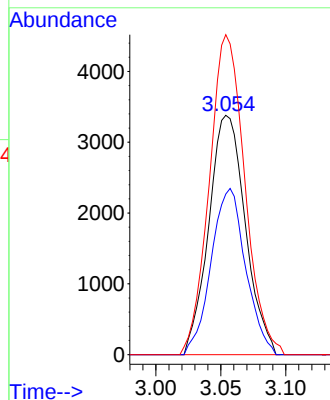
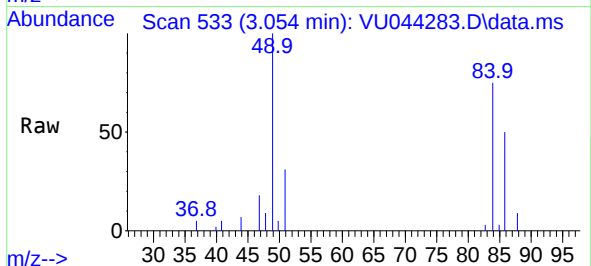




#16
Methylene chloride
Concen: 0.606 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU044283.D
Acq: 01 Jul 2021 13:57

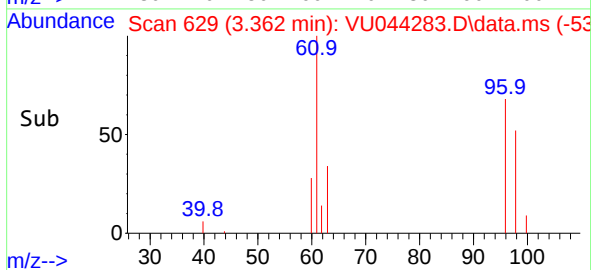
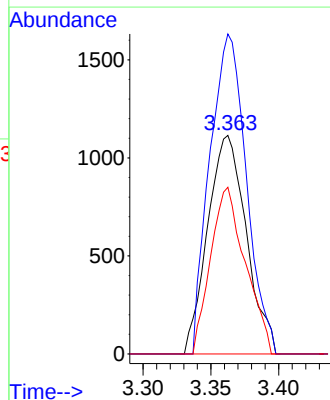
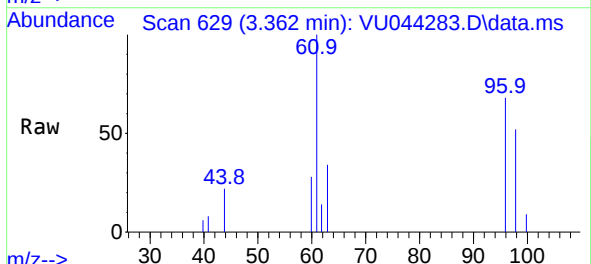
Instrument :
MSVOA_U
ClientSampleId :
DBK25DL

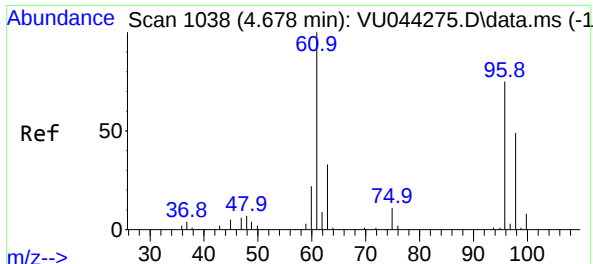
Tgt Ion: 84 Resp: 6615
Ion Ratio Lower Upper
84 100
86 67.1 46.1 85.5
49 139.7 88.4 164.2



#18
trans-1,2-Dichloroethene
Concen: 0.257 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU044283.D
Acq: 01 Jul 2021 13:57

Tgt Ion: 96 Resp: 2212
Ion Ratio Lower Upper
96 100
61 146.4 100.2 186.2
98 76.2 44.9 83.5



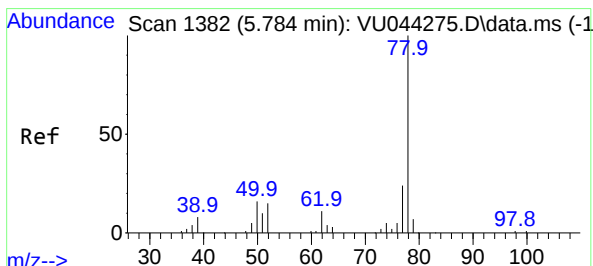
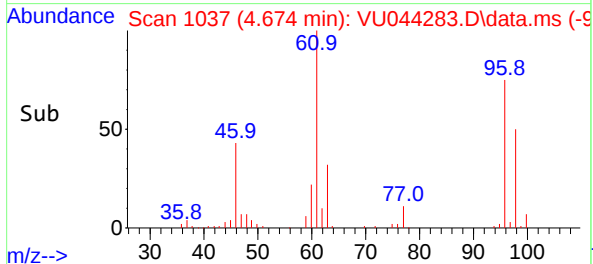
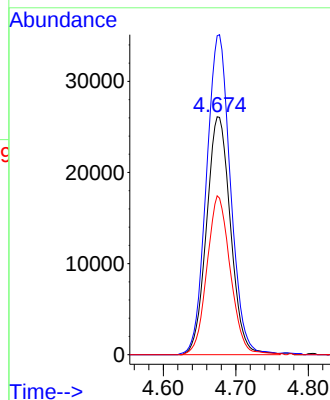
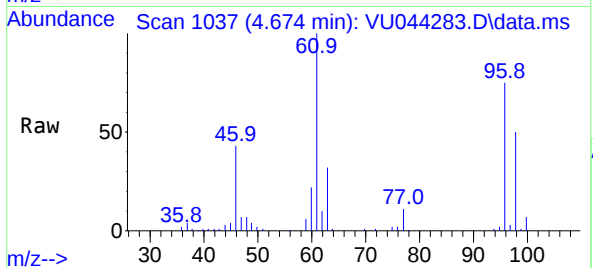


#22

cis-1,2-Dichloroethene
Concen: 6.372 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.004 min
Lab File: VU044283.D
Acq: 01 Jul 2021 13:57

Instrument :
MSVOA_U
ClientSampleId :
DBK25DL

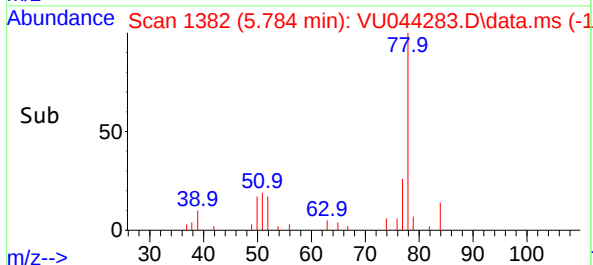
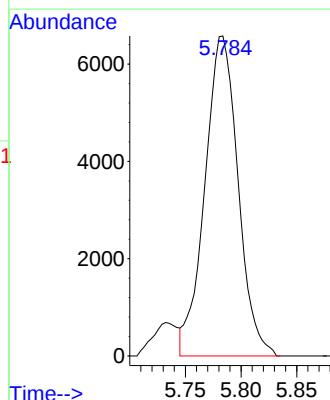
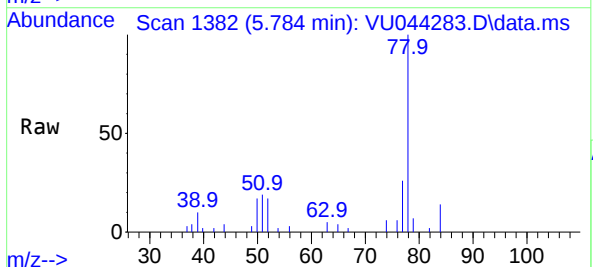
Tgt Ion: 96 Resp: 60063
Ion Ratio Lower Upper
96 100
61 134.0 98.8 183.6
98 66.8 44.8 83.2

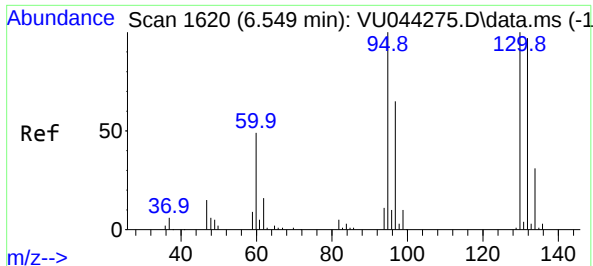


#33

Benzene
Concen: 0.395 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU044283.D
Acq: 01 Jul 2021 13:57

Tgt Ion: 78 Resp: 13633





#34

Trichloroethene

Concen: 5.989 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VU044283.D

Acq: 01 Jul 2021 13:57

Tgt Ion: 95 Resp: 55925

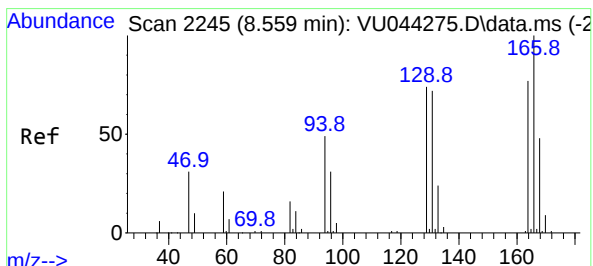
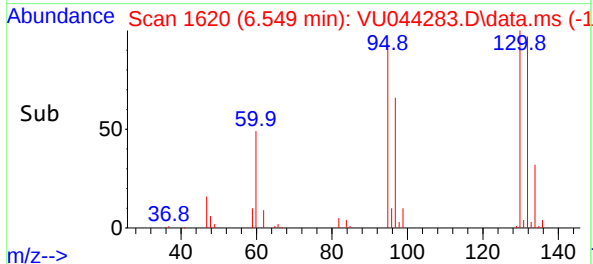
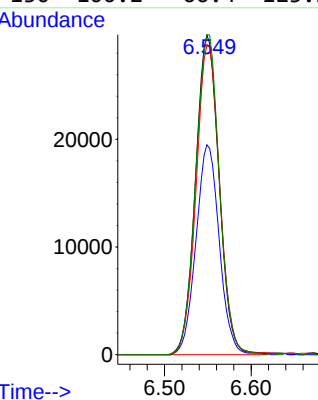
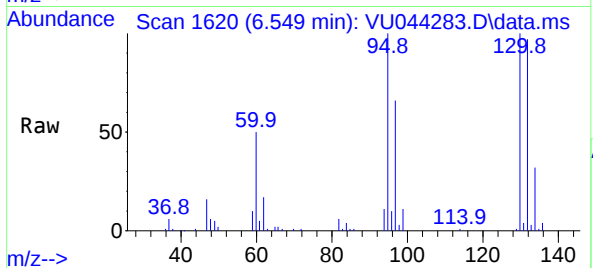
Ion Ratio Lower Upper

95 100

97 65.8 44.3 82.3

132 97.1 64.3 119.5

130 100.2 66.4 123.2



#47

Tetrachloroethene

Concen: 5.518 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.000 min

Lab File: VU044283.D

Acq: 01 Jul 2021 13:57

Tgt Ion: 164 Resp: 38093

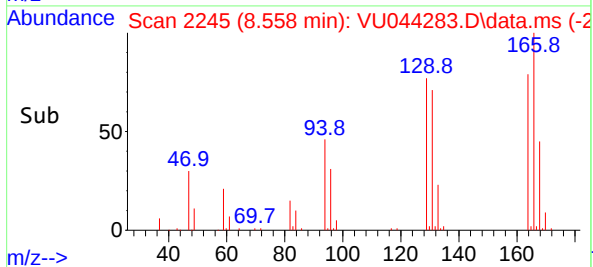
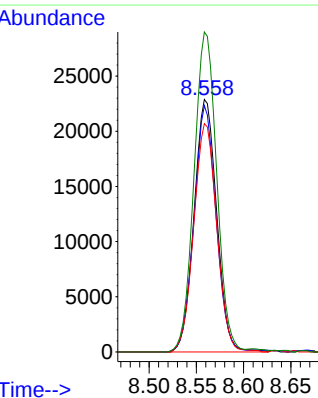
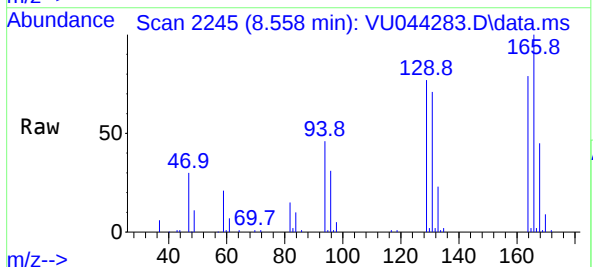
Ion Ratio Lower Upper

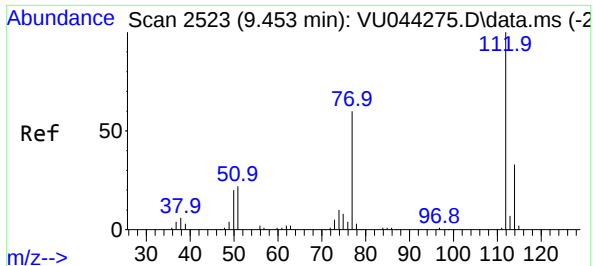
164 100

129 97.6 71.8 133.4

131 90.4 66.4 123.2

166 126.7 91.6 170.2

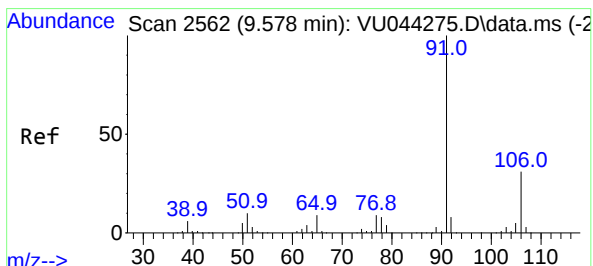
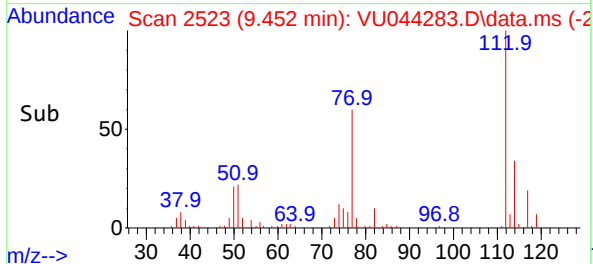
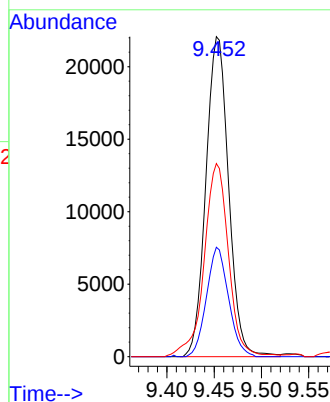
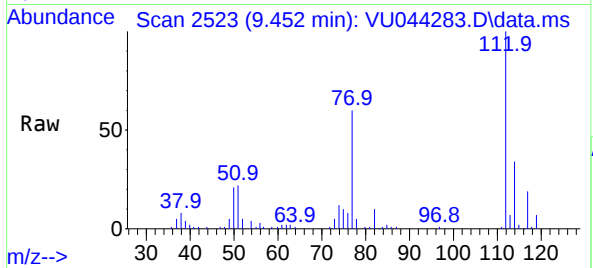




#51
Chlorobenzene
Concen: 1.518 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU044283.D
Acq: 01 Jul 2021 13:57

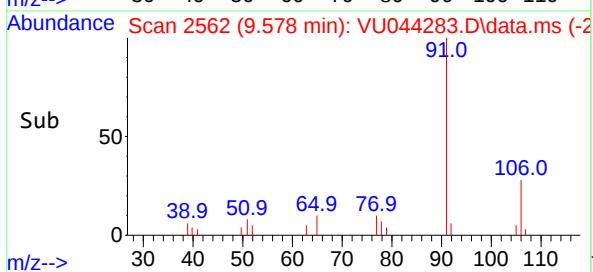
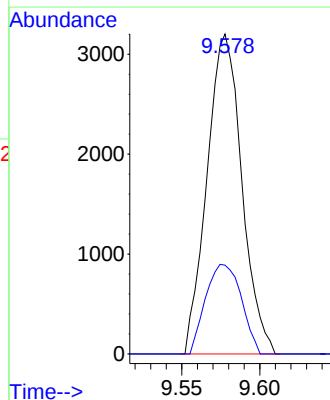
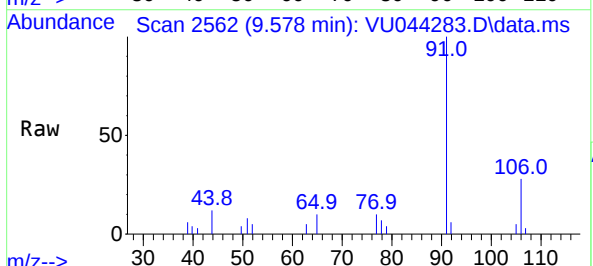
Instrument :
MSVOA_U
ClientSampled :
DBK25DL

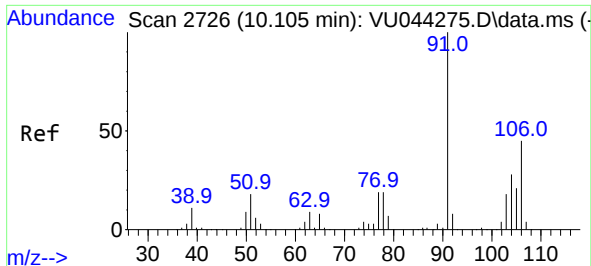
Tgt Ion:112 Resp: 36921
Ion Ratio Lower Upper
112 100
114 34.2 22.0 41.0
77 60.3 48.9 73.3



#52
Ethylbenzene
Concen: 0.113 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU044283.D
Acq: 01 Jul 2021 13:57

Tgt Ion: 91 Resp: 4972
Ion Ratio Lower Upper
91 100
106 27.8 21.6 40.2

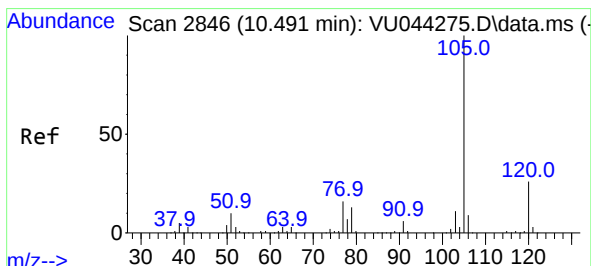
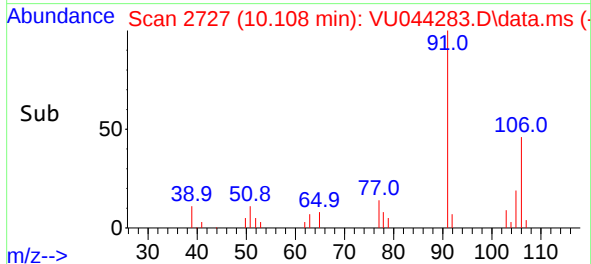
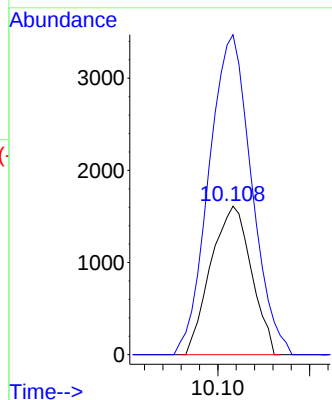
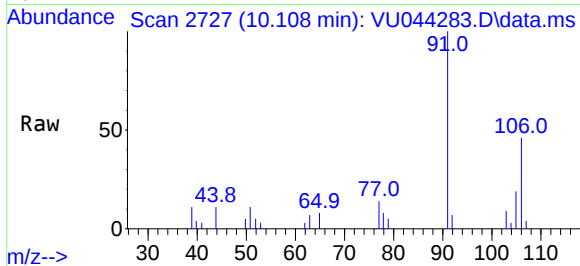




#54
o-Xylene
Concen: 0.153 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.003 min
Lab File: VU044283.D
Acq: 01 Jul 2021 13:57

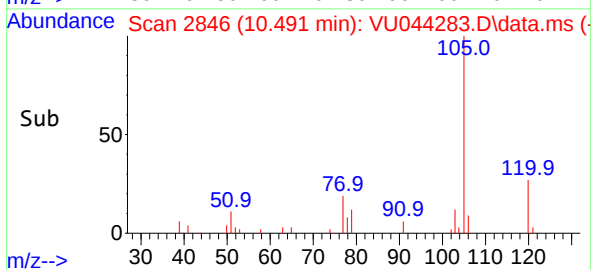
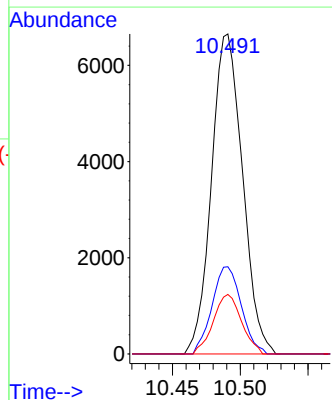
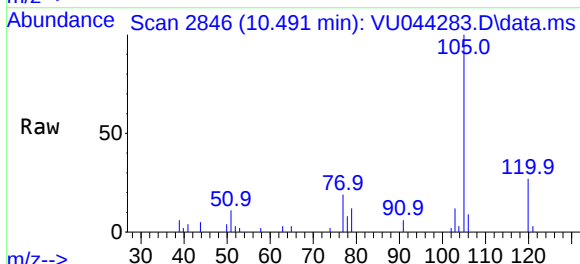
Instrument :
MSVOA_U
ClientSampled :
DBK25DL

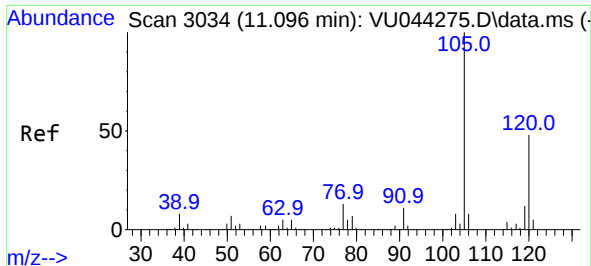
Tgt Ion:106 Resp: 2472
Ion Ratio Lower Upper
106 100
91 215.6 154.8 287.4



#60
Isopropylbenzene
Concen: 0.247 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU044283.D
Acq: 01 Jul 2021 13:57

Tgt Ion:105 Resp: 10588
Ion Ratio Lower Upper
105 100
120 25.7 20.7 31.1
77 17.0 12.9 19.3

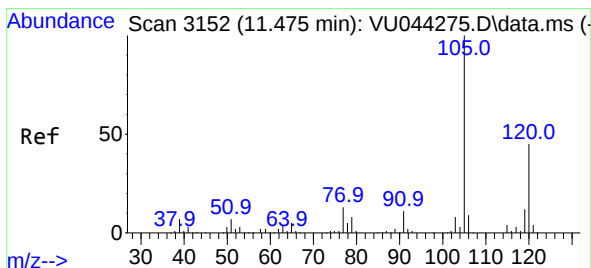
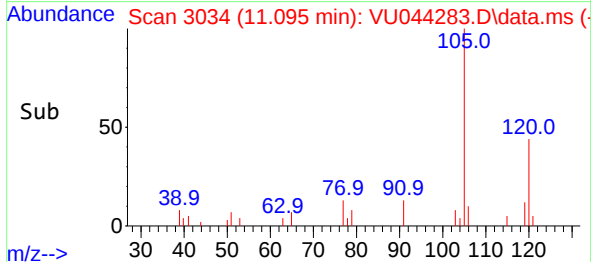
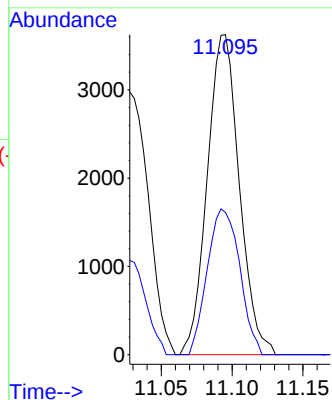
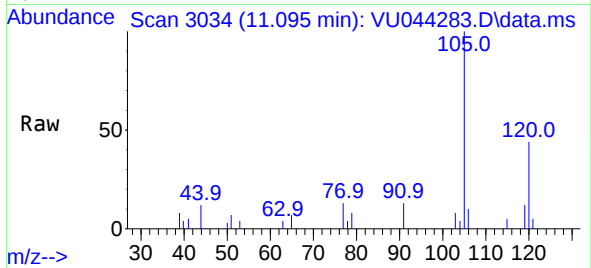




#62
1,3,5-Trimethylbenzene
Concen: 0.153 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU044283.D
Acq: 01 Jul 2021 13:57

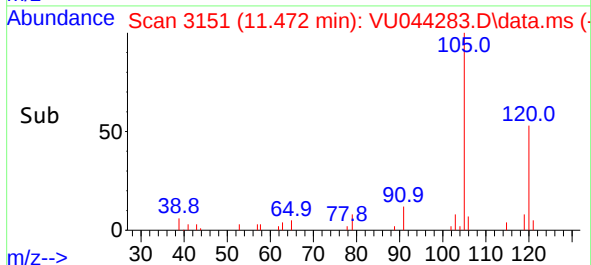
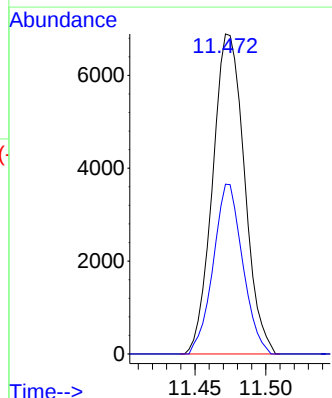
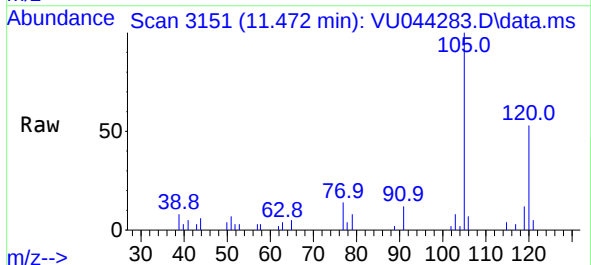
Instrument :
MSVOA_U
ClientSampleId :
DBK25DL

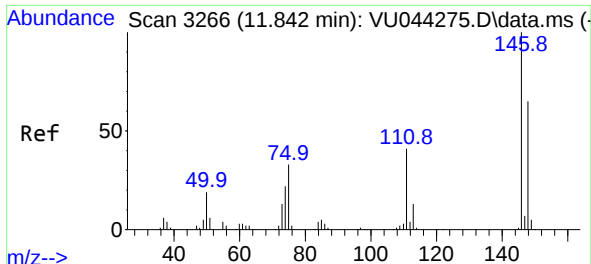
Tgt Ion:105 Resp: 5709
Ion Ratio Lower Upper
105 100
120 46.0 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 0.282 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. -0.004 min
Lab File: VU044283.D
Acq: 01 Jul 2021 13:57

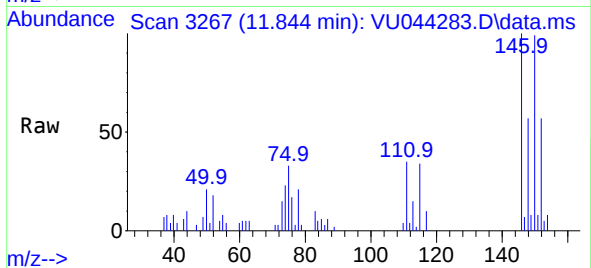
Tgt Ion:105 Resp: 10765
Ion Ratio Lower Upper
105 100
120 49.1 35.6 53.4



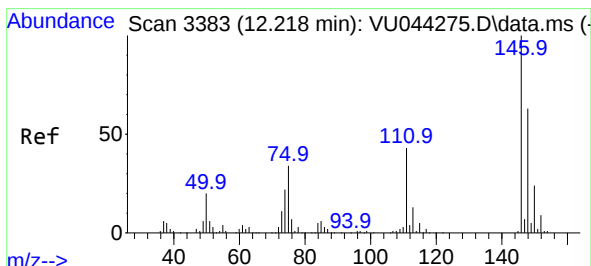
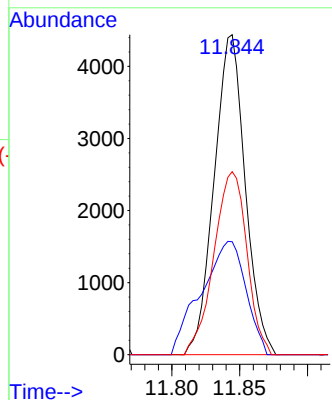
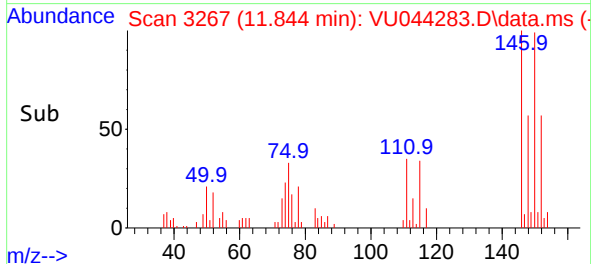


#65
1,4-Dichlorobenzene
Concen: 0.363 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. 0.003 min
Lab File: VU044283.D
Acq: 01 Jul 2021 13:57

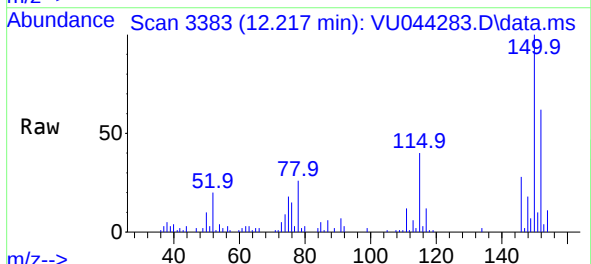
Instrument :
MSVOA_U
ClientSampleId :
DBK25DL



Tgt Ion:146 Resp: 7079
Ion Ratio Lower Upper
146 100
111 35.3 28.2 52.4
148 57.2 45.1 83.9



#67
1,2-Dichlorobenzene
Concen: 0.363 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU044283.D
Acq: 01 Jul 2021 13:57



Tgt Ion:146 Resp: 6595
Ion Ratio Lower Upper
146 100
111 44.6 35.0 52.6
148 64.7 51.2 76.8

