

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
 Data File : VU044267.D
 Acq On : 30 Jun 2021 18:03
 Operator : SY/MD
 Sample : M2905-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBK34

Quant Time: Jul 01 02:39:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 01 02:36:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	149232	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	141505	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	78390	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	34900	4.319	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.919	69	34586	4.347	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.571	65	18688	4.506	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	4.649	46	107127	36.005	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.000%
24) Chloroform-d	5.070	84	86551	4.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.710	65	48956	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.735	84	169562	4.825	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.697	67	54530	4.788	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.902	98	158461	4.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	8.185	79	23299	4.410	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.639	63	110173	43.785	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.560%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	47927	4.733	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.198	152	69152	5.354	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	28189	2.673	ug/L	99
8) Chloroethane	1.938	64	3528	0.492	ug/L #	69
13) Acetone	2.671	43	10277	7.725	ug/L #	48
18) trans-1,2-Dichloroethene	3.359	96	16210	1.767	ug/L	98
19) 1,1-Dichloroethane	3.880	63	21675	1.239	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	2242	0.223	ug/L	87
30) Cyclohexane	5.398	56	3133	0.191	ug/L #	92
33) Benzene	5.780	78	186065	5.012	ug/L	100
37) 1,2-Dichloropropane	6.800	63	5741	0.586	ug/L #	92
40) 4-Methyl-2-pentanone	7.800	43	7748	0.983	ug/L #	89
42) Toluene	7.976	91	7804	0.191	ug/L	96
51) Chlorobenzene	9.452	112	114831	4.386	ug/L	98
60) Isopropylbenzene	10.491	105	39297	0.824	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	3330	0.155	ug/L #	73
65) 1,4-Dichlorobenzene	11.841	146	17223	0.794	ug/L #	83
67) 1,2-Dichlorobenzene	12.221	146	10638	0.526	ug/L	95

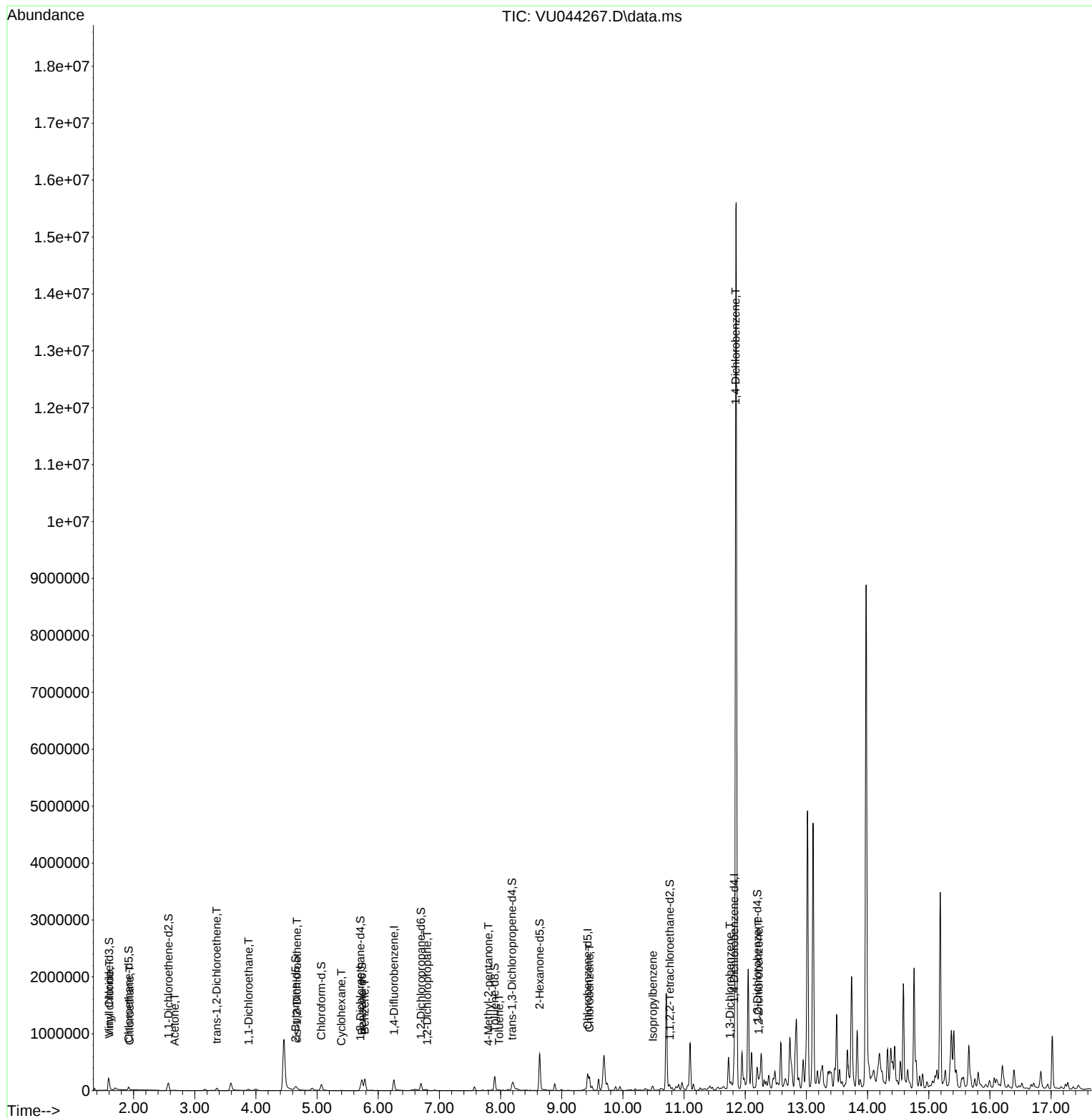
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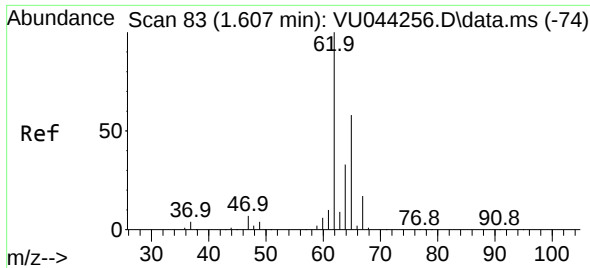
Instrument :
MSVOA_U
ClientSampleId :
DBK34

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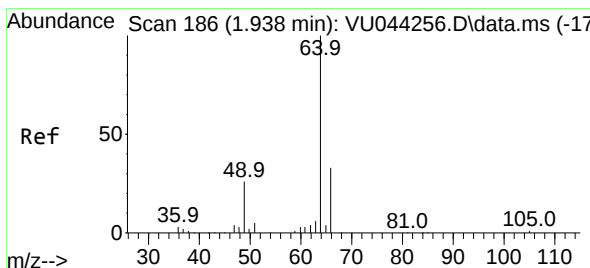
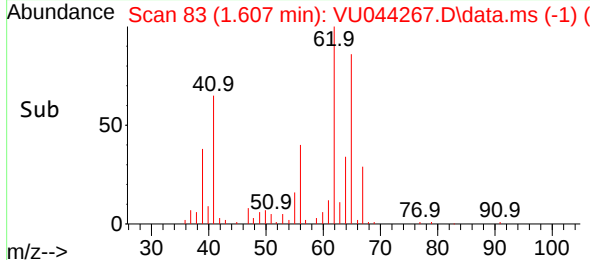
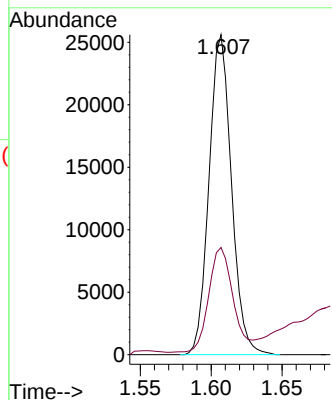
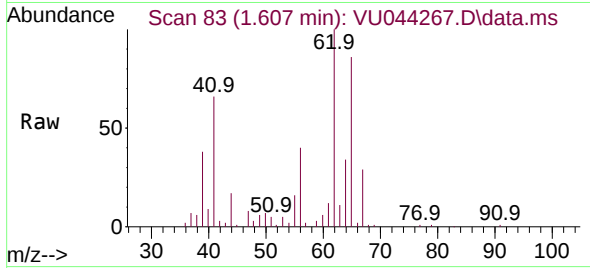




#5
 Vinyl chloride
 Concen: 2.673 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU044267.D
 Acq: 30 Jun 2021 18:03

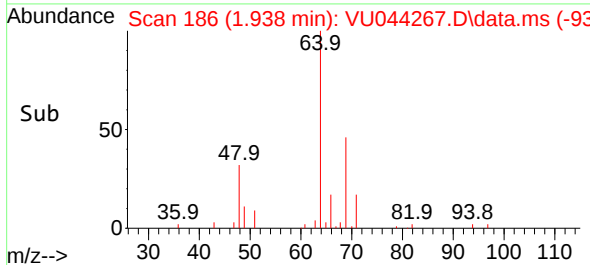
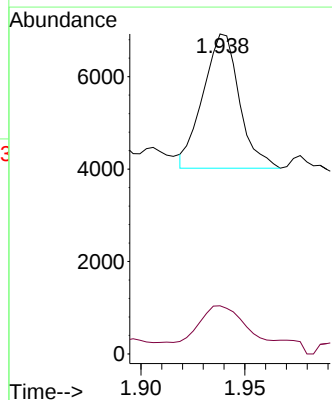
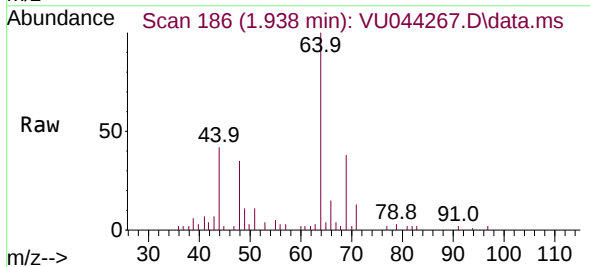
Instrument :
 MSVOA_U
 ClientSampleId :
 DBK34

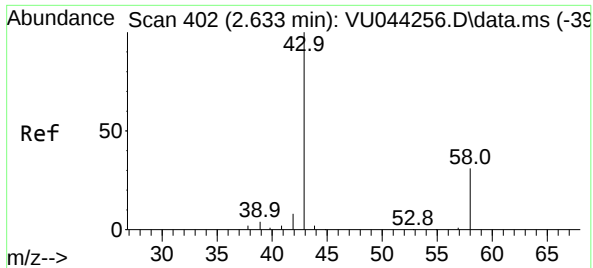
Tgt Ion: 62 Resp: 28189
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.7 44.1



#8
 Chloroethane
 Concen: 0.492 ug/L
 RT: 1.938 min Scan# 186
 Delta R.T. -0.000 min
 Lab File: VU044267.D
 Acq: 30 Jun 2021 18:03

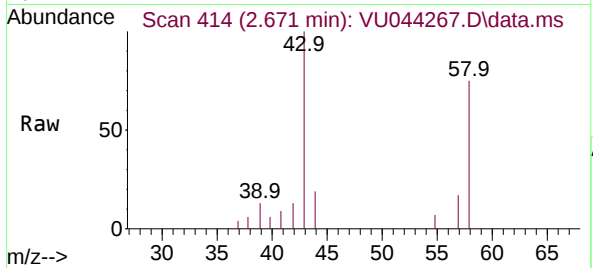
Tgt Ion: 64 Resp: 3528
 Ion Ratio Lower Upper
 64 100
 66 15.0 22.7 42.3#



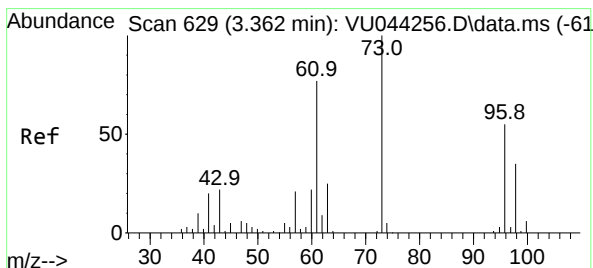
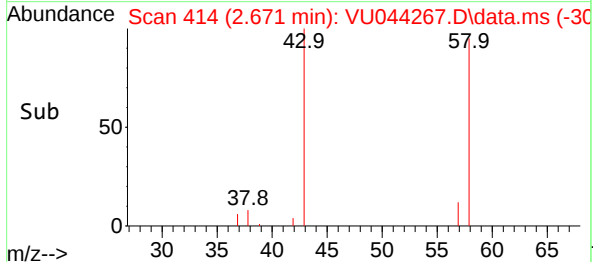
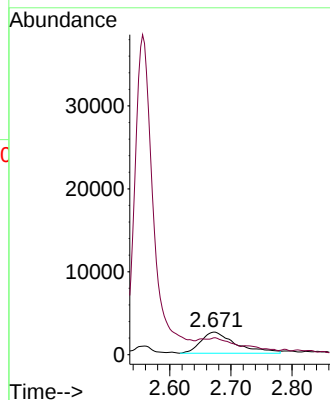


#13
Acetone
Concen: 7.725 ug/L
RT: 2.671 min Scan# 414
Delta R.T. 0.039 min
Lab File: VU044267.D
Acq: 30 Jun 2021 18:03

Instrument :
MSVOA_U
ClientSampleId :
DBK34

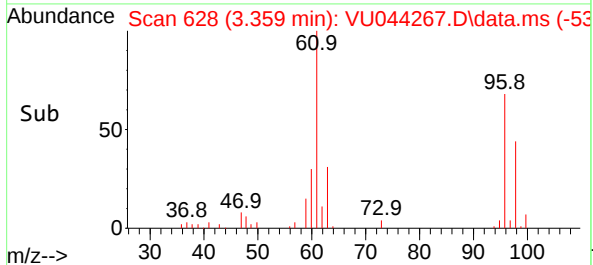
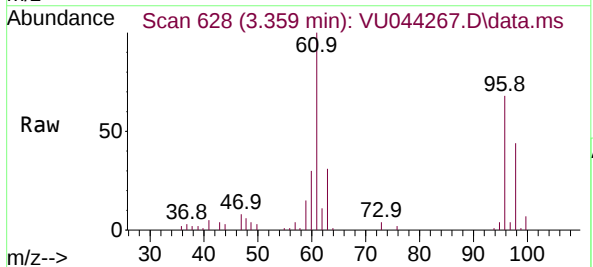
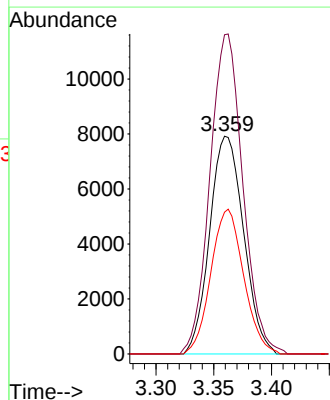


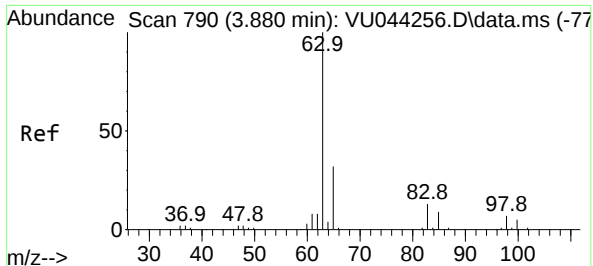
Tgt Ion: 43 Resp: 10277
Ion Ratio Lower Upper
43 100
58 0.0 0.0 53.8



#18
trans-1,2-Dichloroethene
Concen: 1.767 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU044267.D
Acq: 30 Jun 2021 18:03

Tgt Ion: 96 Resp: 16210
Ion Ratio Lower Upper
96 100
61 146.6 100.2 186.2
98 65.1 44.9 83.5





#19

1,1-Dichloroethane

Concen: 1.239 ug/L

RT: 3.880 min Scan# 790

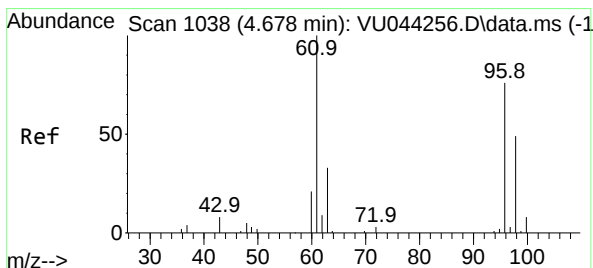
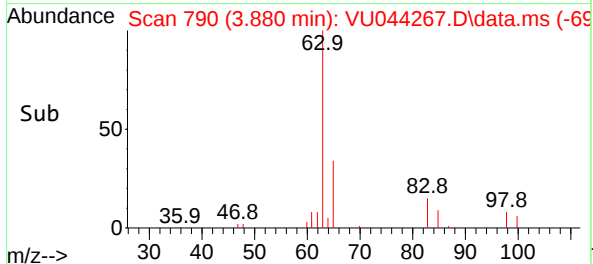
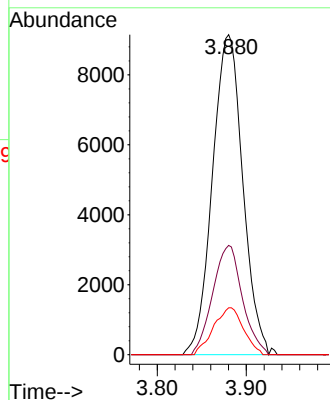
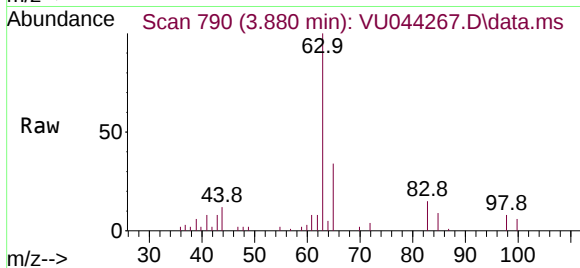
Delta R.T. -0.000 min

Lab File: VU044267.D

Acq: 30 Jun 2021 18:03

Tgt Ion: 63	Resp: 21675
Ion Ratio	Lower Upper
63 100	
65 34.2	22.3 41.3
83 14.6	9.9 18.5

Instrument :
MSVOA_U
ClientSampleId :
DBK34



#22

cis-1,2-Dichloroethene

Concen: 0.223 ug/L

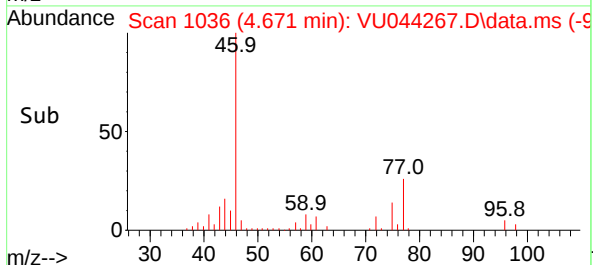
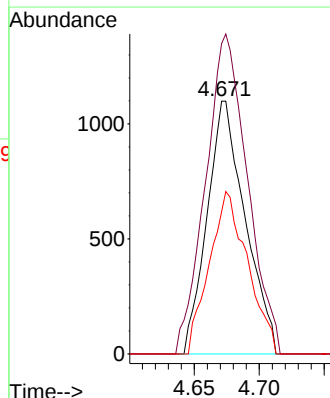
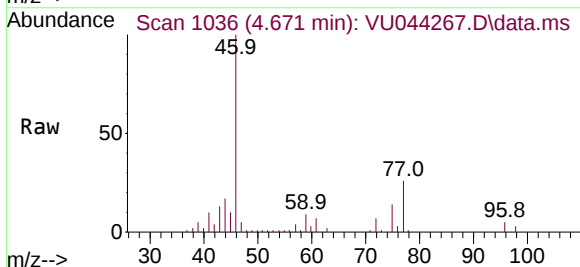
RT: 4.671 min Scan# 1036

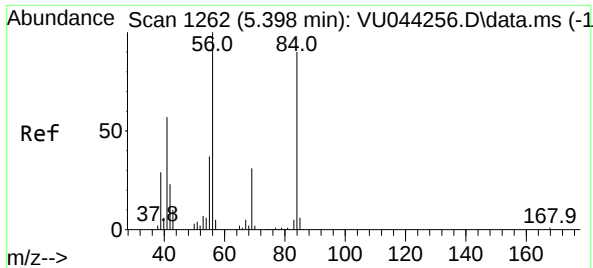
Delta R.T. -0.006 min

Lab File: VU044267.D

Acq: 30 Jun 2021 18:03

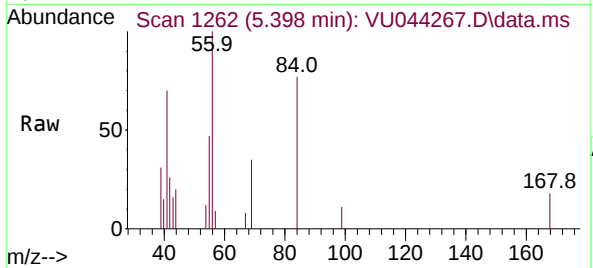
Tgt Ion: 96	Resp: 2242		
Ion Ratio	Lower	Upper	
96 100			
61 122.8	98.8	183.6	
98 56.3	44.8	83.2	



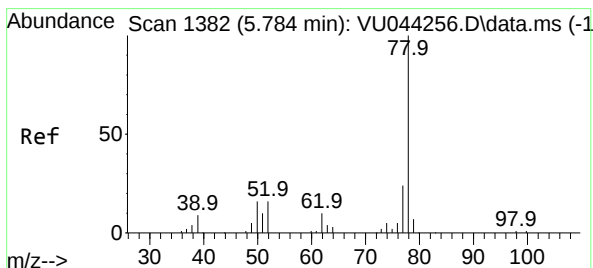
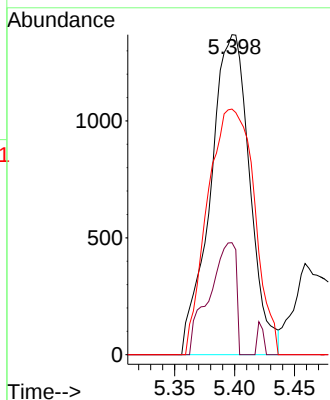
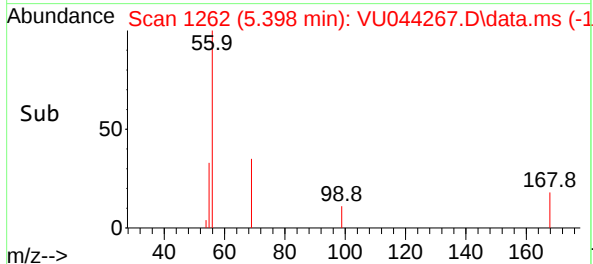


#30
Cyclohexane
Concen: 0.191 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU044267.D
Acq: 30 Jun 2021 18:03

Instrument :
MSVOA_U
ClientSampled :
DBK34

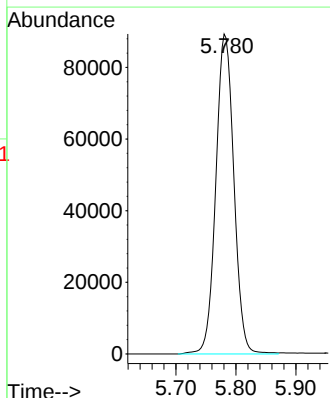
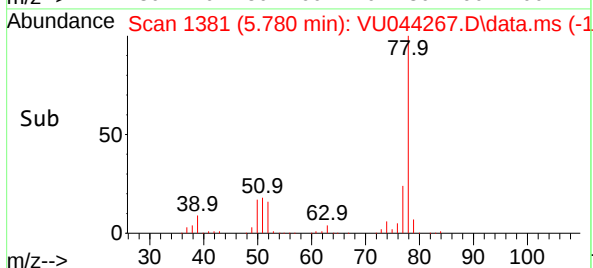
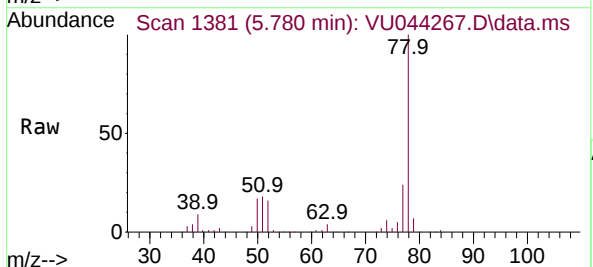


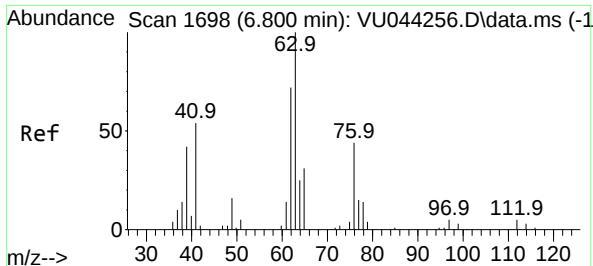
Tgt Ion: 56 Resp: 3133
Ion Ratio Lower Upper
56 100
69 23.8 24.8 37.2#
84 90.9 67.8 101.8



#33
Benzene
Concen: 5.012 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.003 min
Lab File: VU044267.D
Acq: 30 Jun 2021 18:03

Tgt Ion: 78 Resp: 186065



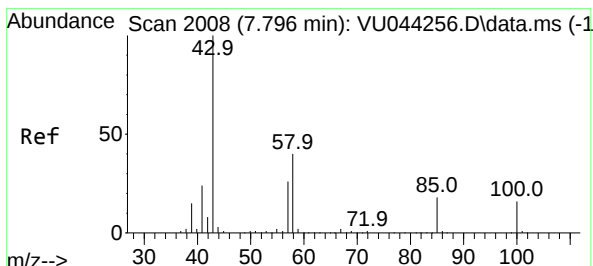
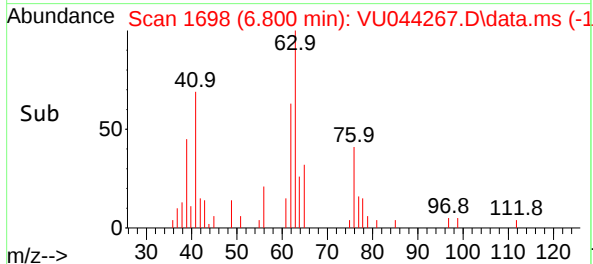
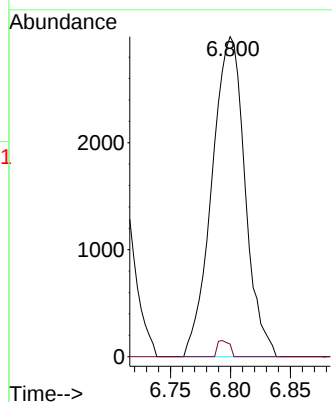
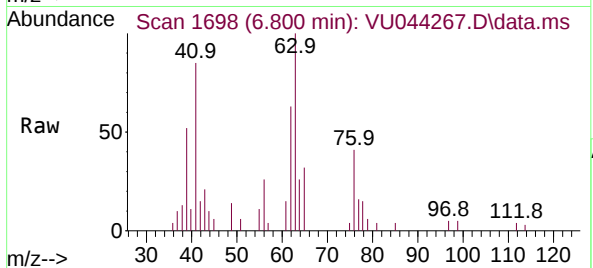


#37

1,2-Dichloropropane
Concen: 0.586 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU044267.D
Acq: 30 Jun 2021 18:03

Instrument :
MSVOA_U
ClientSampled :
DBK34

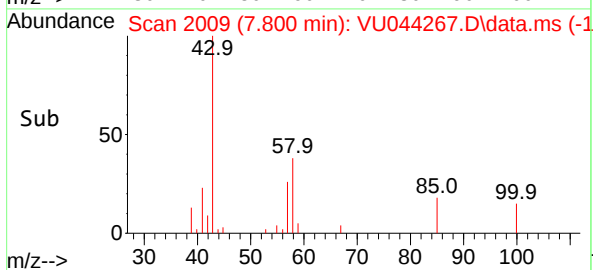
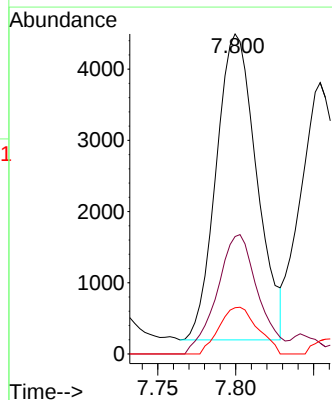
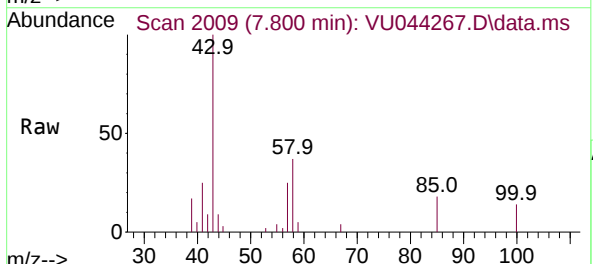
Tgt Ion: 63 Resp: 5741
Ion Ratio Lower Upper
63 100
112 1.8 3.5 5.3#

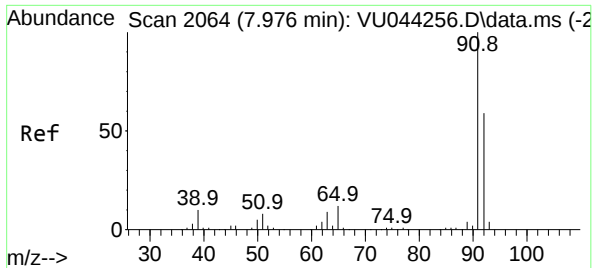


#40

4-Methyl-2-pentanone
Concen: 0.983 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. 0.003 min
Lab File: VU044267.D
Acq: 30 Jun 2021 18:03

Tgt Ion: 43 Resp: 7748
Ion Ratio Lower Upper
43 100
58 39.4 31.2 46.8
100 0.0 12.3 18.5#

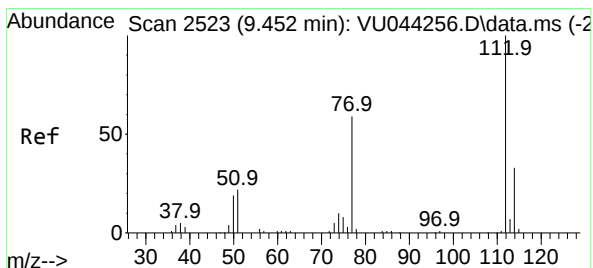
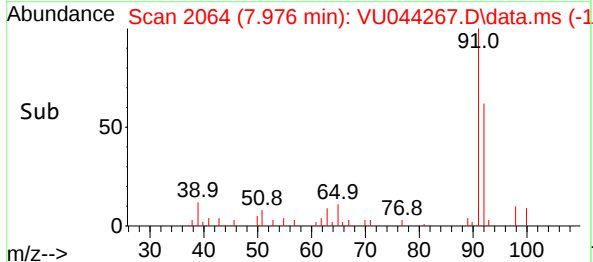
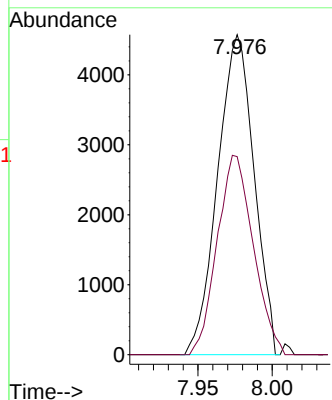
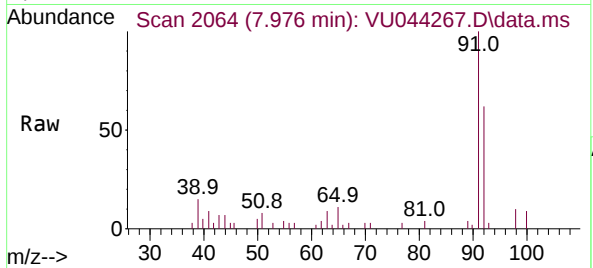




#42
Toluene
Concen: 0.191 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU044267.D
Acq: 30 Jun 2021 18:03

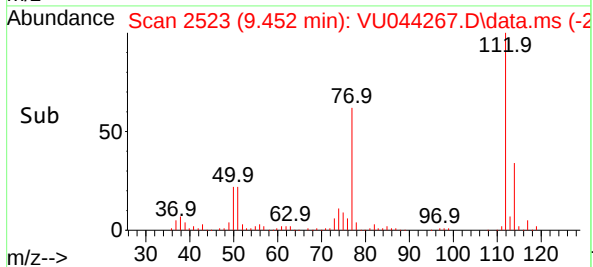
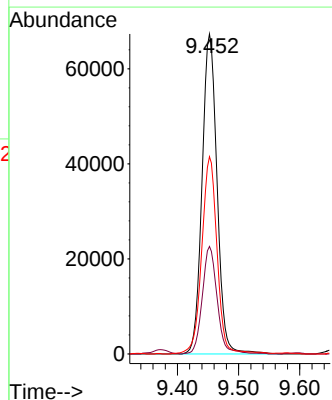
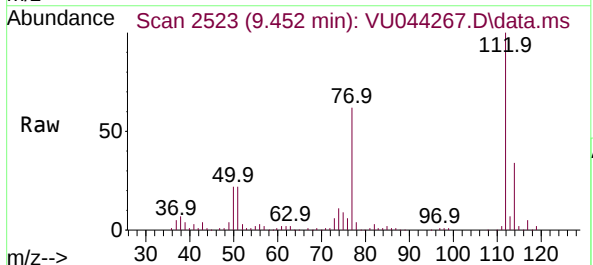
Instrument :
MSVOA_U
ClientSampled :
DBK34

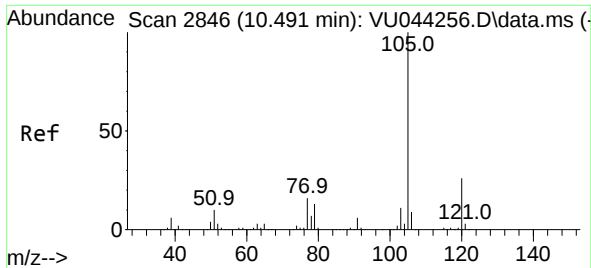
Tgt Ion: 91 Resp: 7804
Ion Ratio Lower Upper
91 100
92 61.9 41.2 76.6



#51
Chlorobenzene
Concen: 4.386 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU044267.D
Acq: 30 Jun 2021 18:03

Tgt Ion: 112 Resp: 114831
Ion Ratio Lower Upper
112 100
114 33.6 22.0 41.0
77 61.7 48.9 73.3

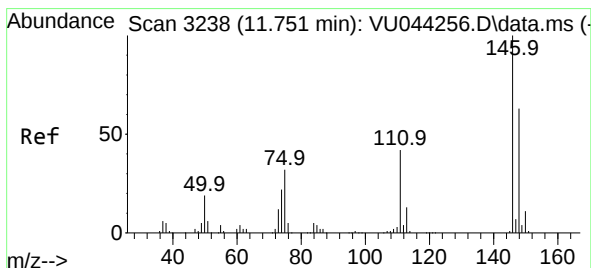
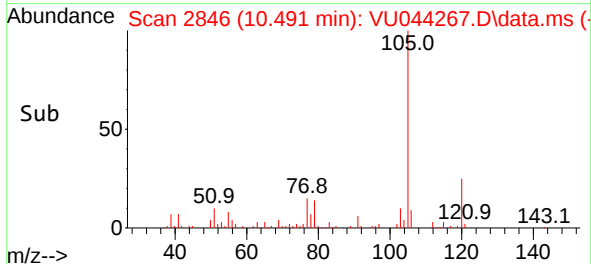
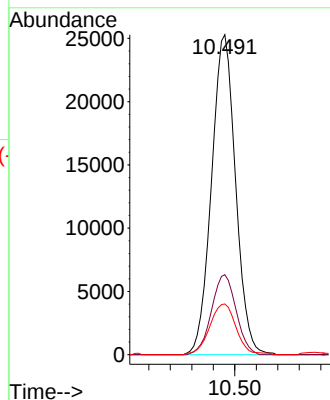
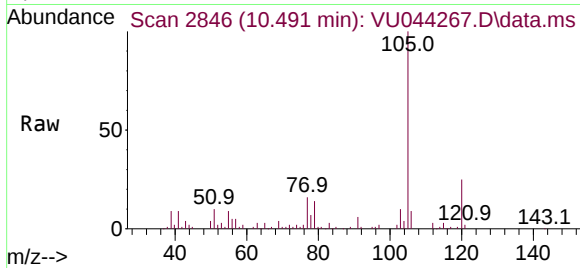




#60
Isopropylbenzene
Concen: 0.824 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU044267.D
Acq: 30 Jun 2021 18:03

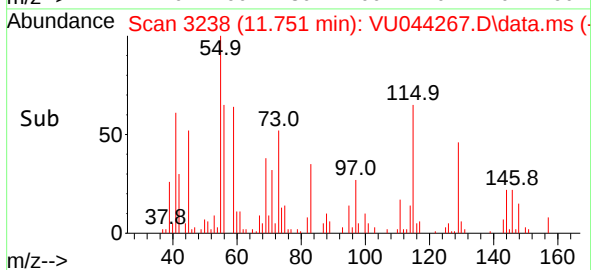
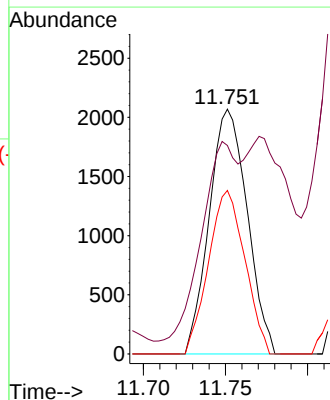
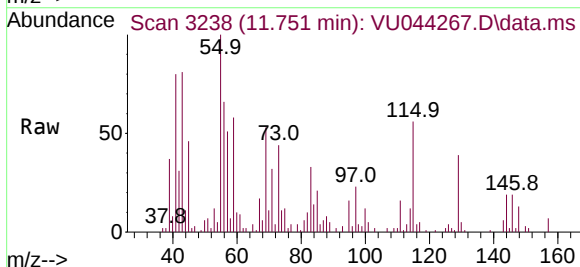
Instrument :
MSVOA_U
ClientSampled :
DBK34

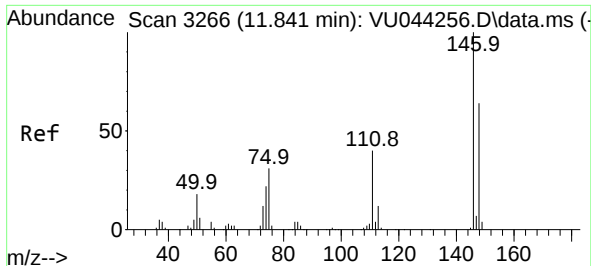
Tgt Ion:	105	Resp:	39297
Ion Ratio	Lower	Upper	
105	100		
120	25.6	20.7	31.1
77	17.4	12.9	19.3



#64
1,3-Dichlorobenzene
Concen: 0.155 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU044267.D
Acq: 30 Jun 2021 18:03

Tgt Ion:	146	Resp:	3330
Ion Ratio	Lower	Upper	
146	100		
111	85.1	29.8	55.3#
148	66.8	45.8	85.2

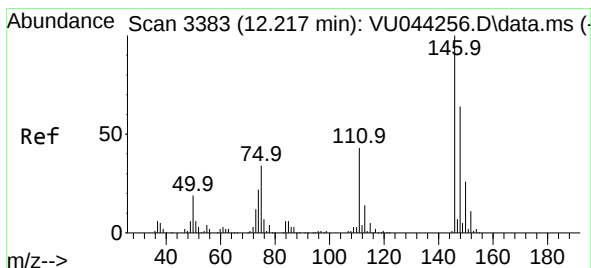
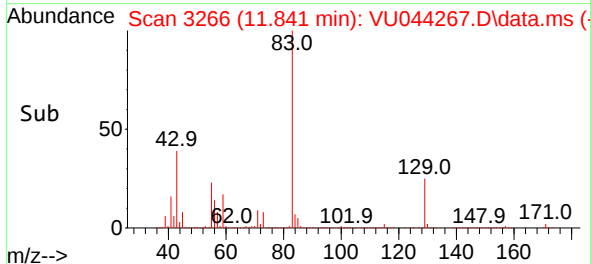
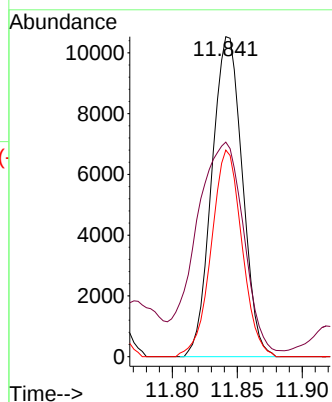
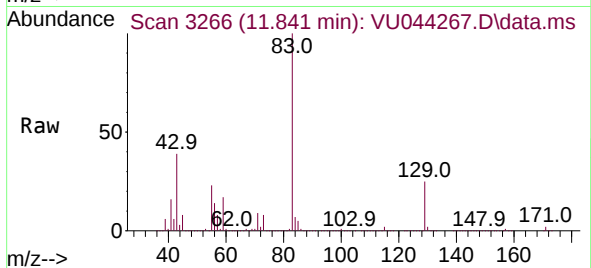




#65
1,4-Dichlorobenzene
Concen: 0.794 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU044267.D
Acq: 30 Jun 2021 18:03

Instrument :
MSVOA_U
ClientSampled :
DBK34

Tgt Ion:146 Resp: 17223
Ion Ratio Lower Upper
146 100
111 67.0 28.2 52.4#
148 64.5 45.1 83.9



#67
1,2-Dichlorobenzene
Concen: 0.526 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU044267.D
Acq: 30 Jun 2021 18:03

Tgt Ion:146 Resp: 10638
Ion Ratio Lower Upper
146 100
111 51.6 35.0 52.6
148 63.5 51.2 76.8

