

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
 Data File : VU044279.D
 Acq On : 01 Jul 2021 12:20
 Operator : SY/MD
 Sample : M2905-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBK34

Quant Time: Jul 02 01:50:35 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	154980	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	147807	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	82650	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	31055	3.701	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.919	69	34058	4.122	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.575	65	16877	3.919	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	4.645	46	115355	37.332	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.660%
24) Chloroform-d	5.073	84	80959	4.286	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.710	65	46616	4.128	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
32) Benzene-d6	5.735	84	161397	4.396	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.700	67	51979	4.369	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.906	98	145486	4.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	8.185	79	20575	3.729	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.639	63	109958	41.836	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.680%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	43515	4.114	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.200%
66) 1,2-Dichlorobenzene-d4	12.198	152	63558	4.667	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	26594	2.428	ug/L	98
8) Chloroethane	1.938	64	4025	0.540	ug/L #	70
13) Acetone	2.674	43	8978	6.498	ug/L #	48
18) trans-1,2-Dichloroethene	3.362	96	15614	1.639	ug/L	98
19) 1,1-Dichloroethane	3.880	63	22344	1.230	ug/L	98
22) cis-1,2-Dichloroethene	4.677	96	1671	0.160	ug/L	86
30) Cyclohexane	5.391	56	3126	0.182	ug/L	94
33) Benzene	5.784	78	190677	4.918	ug/L	100
37) 1,2-Dichloropropane	6.796	63	4822	0.471	ug/L #	92
40) 4-Methyl-2-pentanone	7.800	43	6992	0.850	ug/L #	83
42) Toluene	7.976	91	7434	0.174	ug/L	98
51) Chlorobenzene	9.452	112	107730	3.939	ug/L	98
60) Isopropylbenzene	10.491	105	43015	0.856	ug/L	99
64) 1,3-Dichlorobenzene	11.754	146	3285	0.145	ug/L #	80
65) 1,4-Dichlorobenzene	11.841	146	15976	0.698	ug/L #	81
67) 1,2-Dichlorobenzene	12.217	146	9325	0.437	ug/L #	90

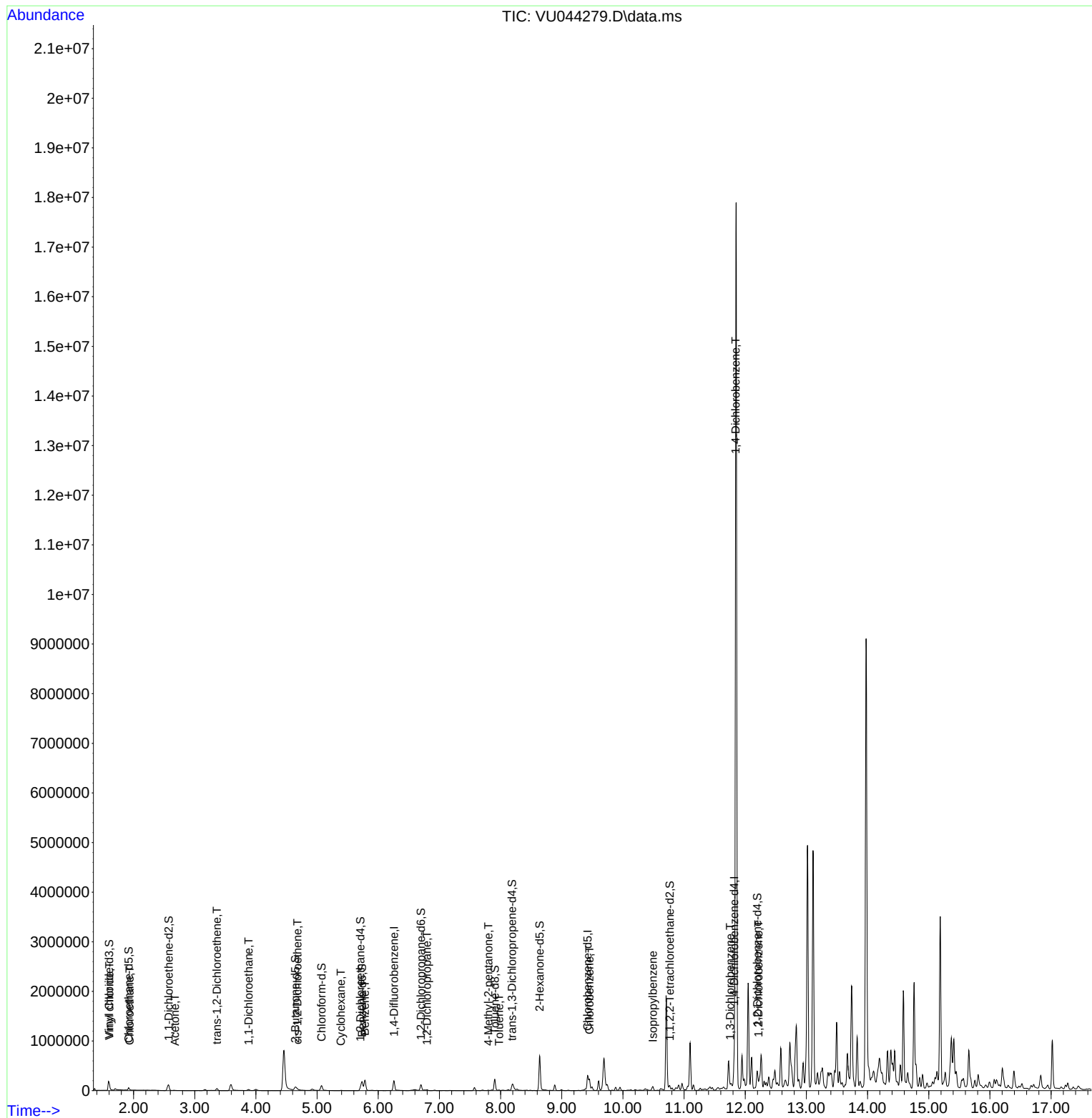
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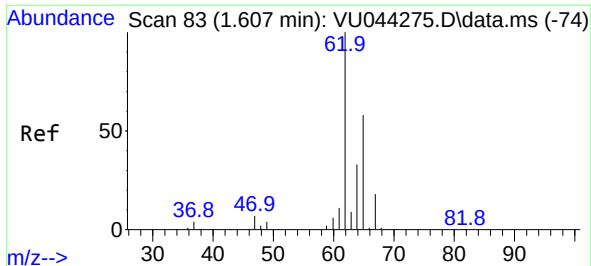
Instrument :
MSVOA_U
ClientSampleId :
DBK34

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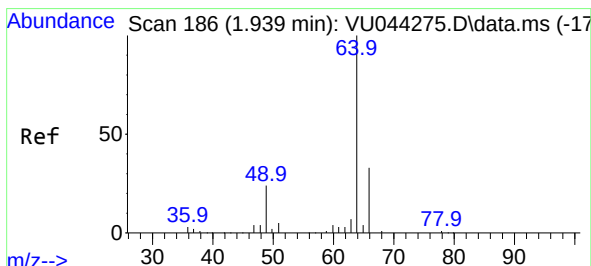
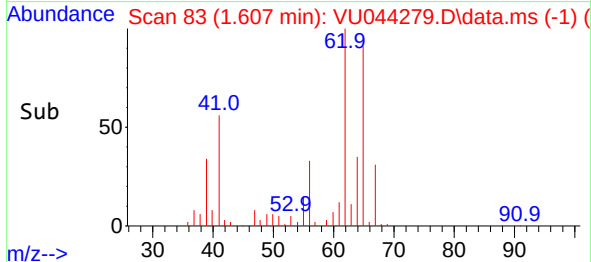
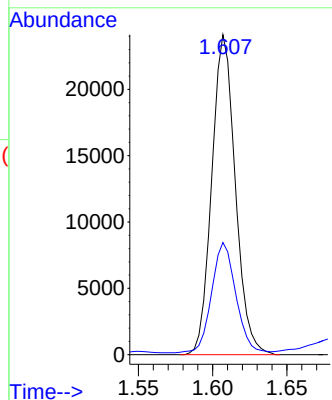
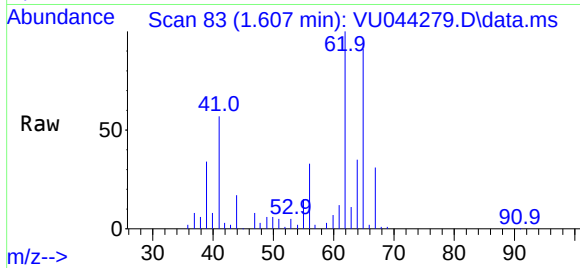




#5
 Vinyl chloride
 Concen: 2.428 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.001 min
 Lab File: VU044279.D
 Acq: 01 Jul 2021 12:20

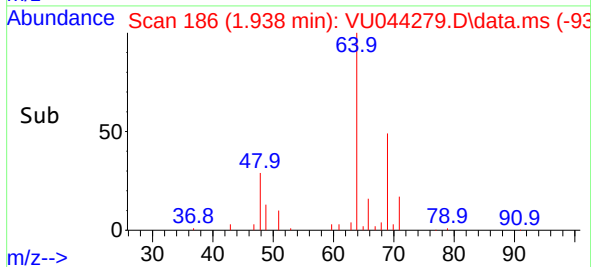
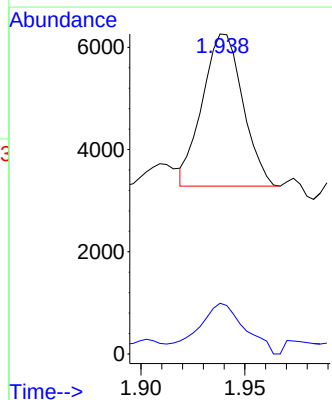
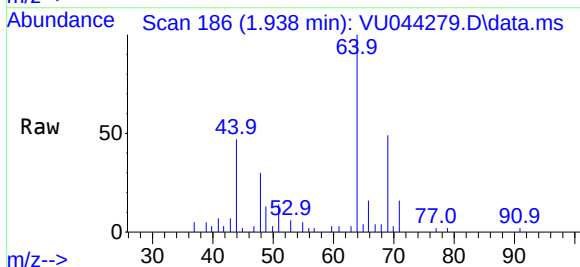
Instrument :
 MSVOA_U
 ClientSampleId :
 DBK34

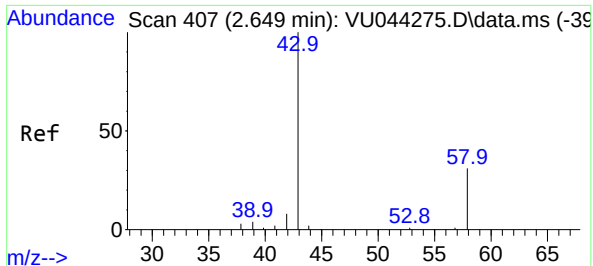
Tgt Ion: 62 Resp: 26594
 Ion Ratio Lower Upper
 62 100
 64 35.0 23.7 44.1



#8
 Chloroethane
 Concen: 0.540 ug/L
 RT: 1.938 min Scan# 186
 Delta R.T. -0.000 min
 Lab File: VU044279.D
 Acq: 01 Jul 2021 12:20

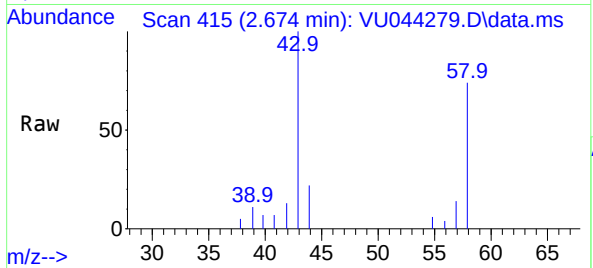
Tgt Ion: 64 Resp: 4025
 Ion Ratio Lower Upper
 64 100
 66 15.8 22.7 42.3#



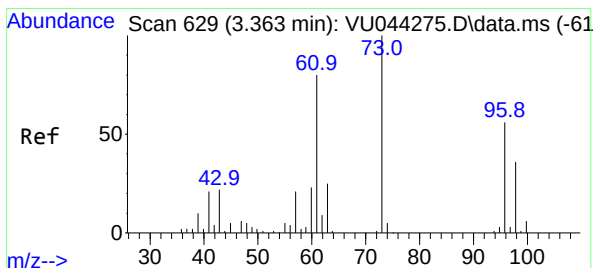
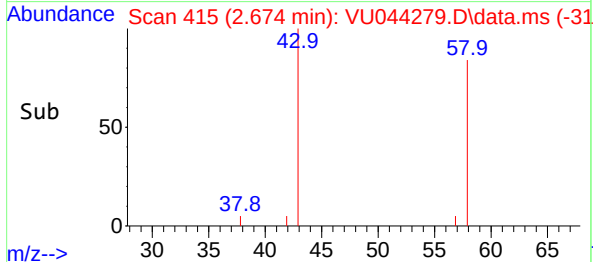
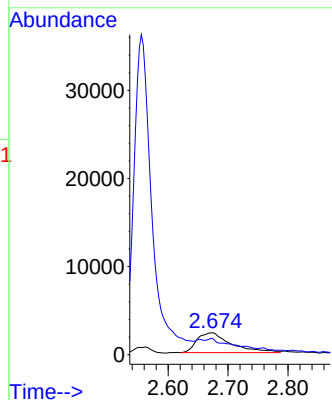


#13
Acetone
Concen: 6.498 ug/L
RT: 2.674 min Scan# 415
Delta R.T. 0.025 min
Lab File: VU044279.D
Acq: 01 Jul 2021 12:20

Instrument :
MSVOA_U
ClientSampleId :
DBK34

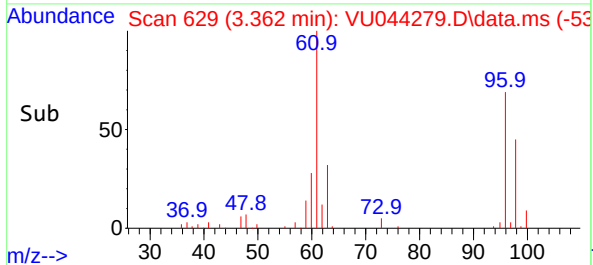
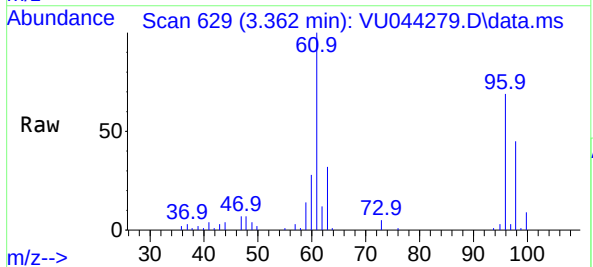
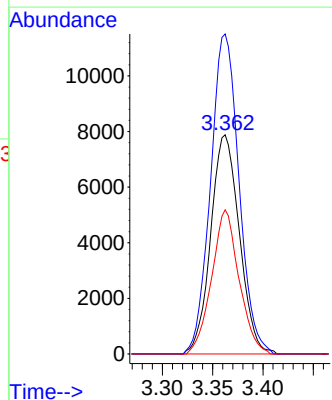


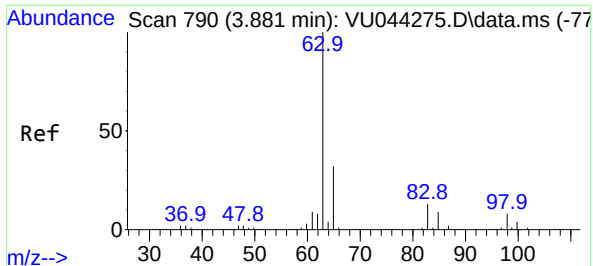
Tgt Ion: 43 Resp: 8978
Ion Ratio Lower Upper
43 100
58 0.0 0.0 53.8



#18
trans-1,2-Dichloroethene
Concen: 1.639 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU044279.D
Acq: 01 Jul 2021 12:20

Tgt Ion: 96 Resp: 15614
Ion Ratio Lower Upper
96 100
61 145.9 100.2 186.2
98 65.8 44.9 83.5

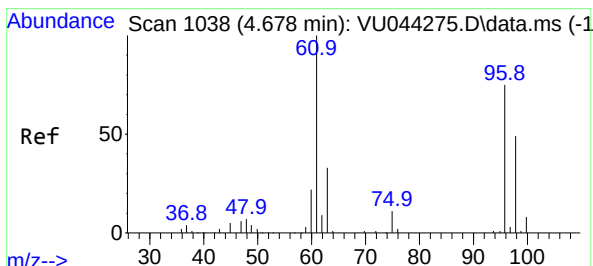
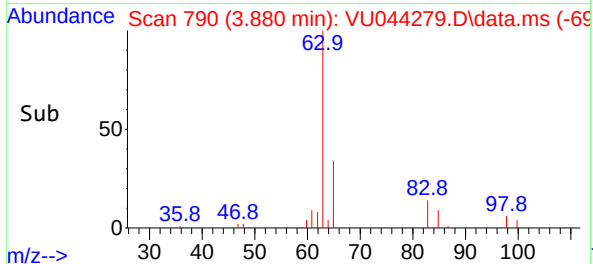
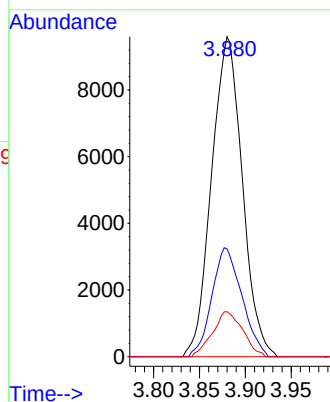
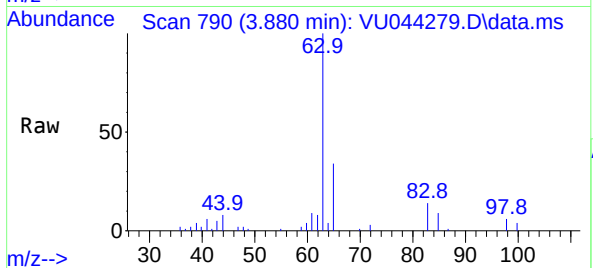




#19
1,1-Dichloroethane
Concen: 1.230 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.001 min
Lab File: VU044279.D
Acq: 01 Jul 2021 12:20

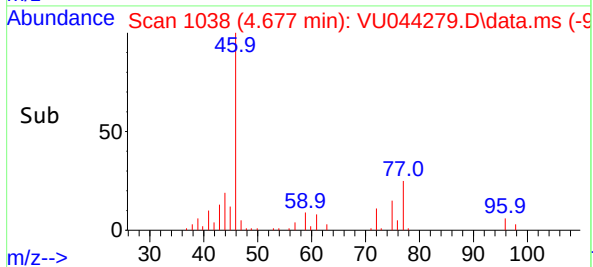
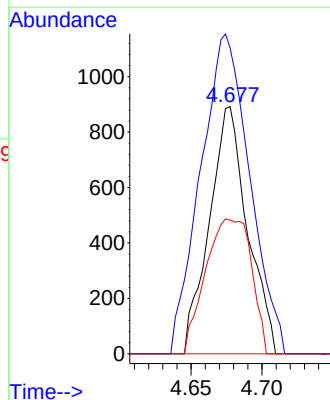
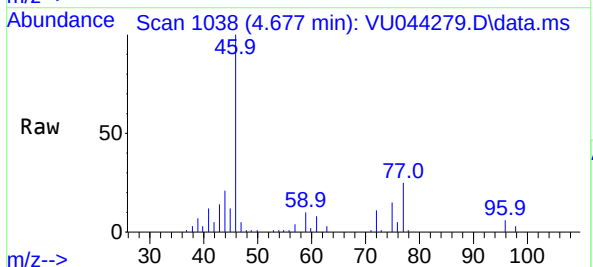
Instrument :
MSVOA_U
ClientSampleId :
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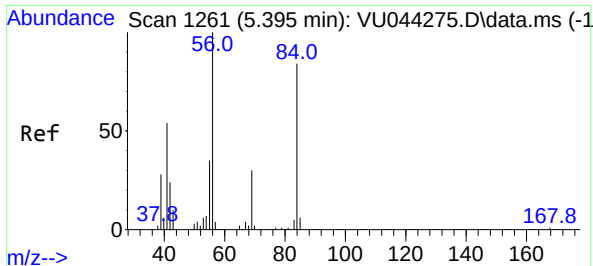
Tgt Ion:	63	Resp:	22344
Ion	Ratio	Lower	Upper
63	100		
65	33.7	22.3	41.3
83	14.1	9.9	18.5



#22
cis-1,2-Dichloroethene
Concen: 0.160 ug/L
RT: 4.677 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU044279.D
Acq: 01 Jul 2021 12:20

Tgt Ion:	96	Resp:	1671
Ion	Ratio	Lower	Upper
96	100		
61	123.7	98.8	183.6
98	54.1	44.8	83.2





#30

Cyclohexane

Concen: 0.182 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.004 min

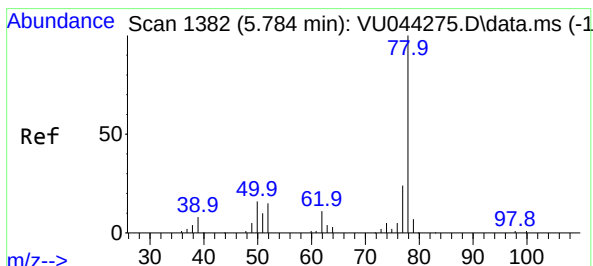
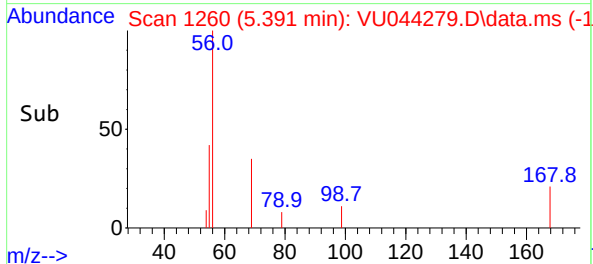
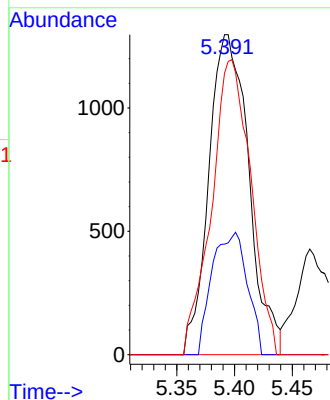
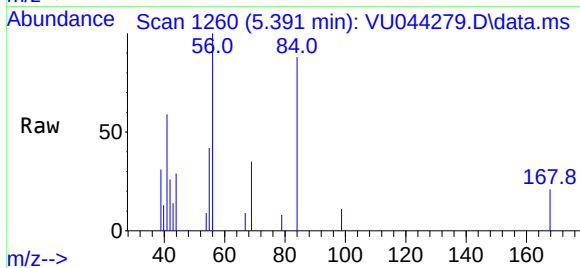
Lab File: VU044279.D

Acq: 01 Jul 2021 12:20

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 56 Resp: 3126

Ion	Ratio	Lower	Upper
56	100		
69	33.5	24.8	37.2
84	90.4	67.8	101.8



#33

Benzene

Concen: 4.918 ug/L

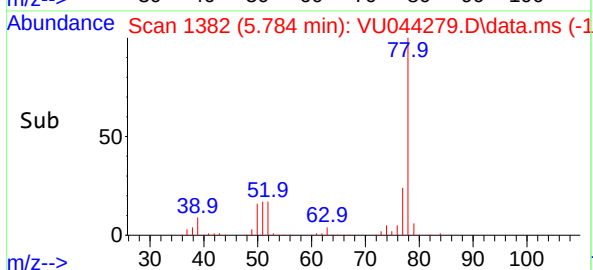
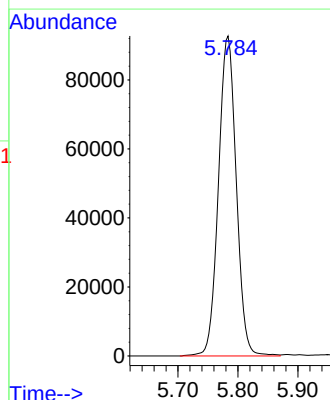
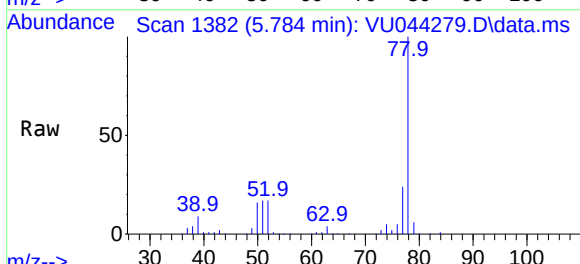
RT: 5.784 min Scan# 1382

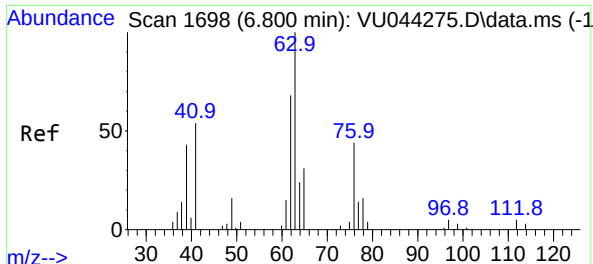
Delta R.T. -0.000 min

Lab File: VU044279.D

Acq: 01 Jul 2021 12:20

Tgt Ion: 78 Resp: 190677

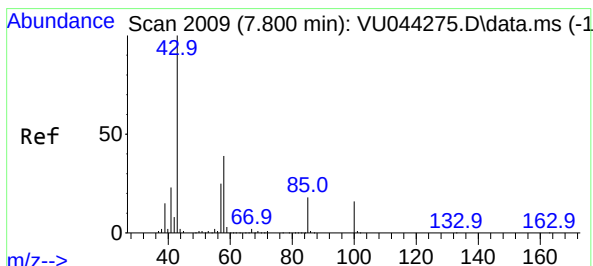
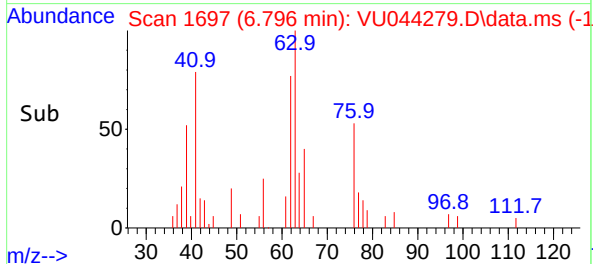
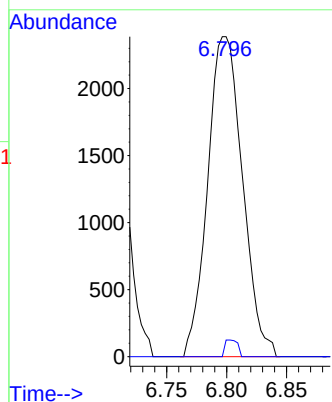
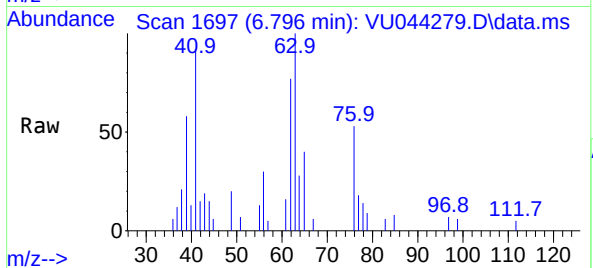




#37
1,2-Dichloropropane
Concen: 0.471 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.004 min
Lab File: VU044279.D
Acq: 01 Jul 2021 12:20

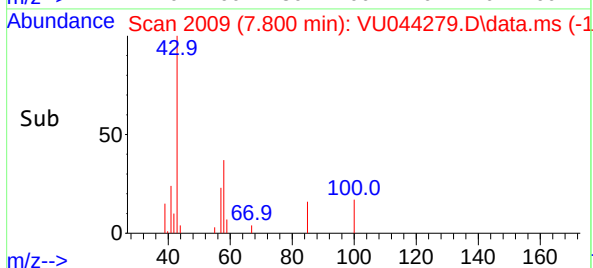
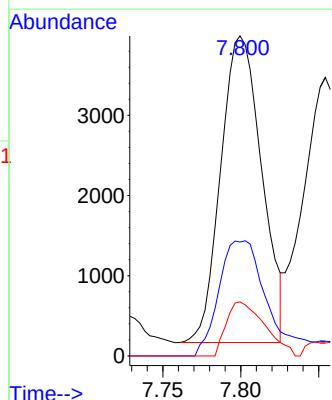
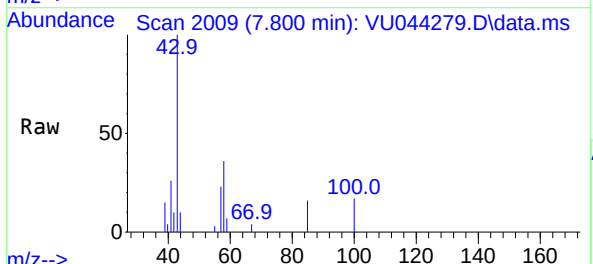
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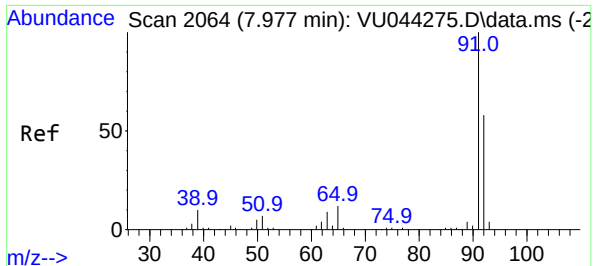
Tgt Ion: 63 Resp: 4822
Ion Ratio Lower Upper
63 100
112 1.9 3.5 5.3#



#40
4-Methyl-2-pentanone
Concen: 0.850 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU044279.D
Acq: 01 Jul 2021 12:20

Tgt Ion: 43 Resp: 6992
Ion Ratio Lower Upper
43 100
58 44.5 31.2 46.8
100 0.0 12.3 18.5#

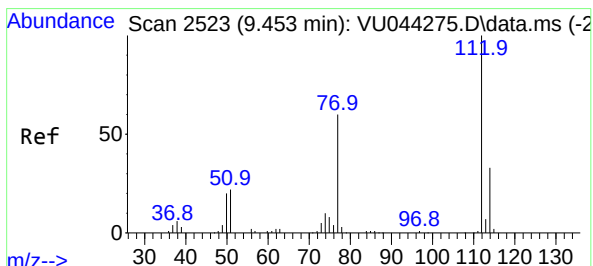
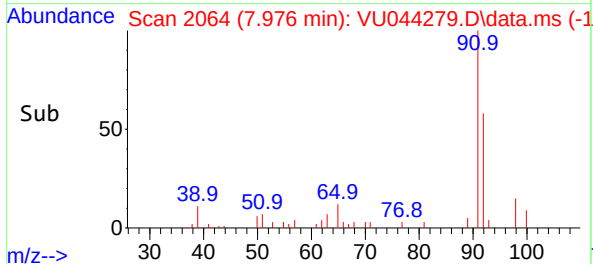
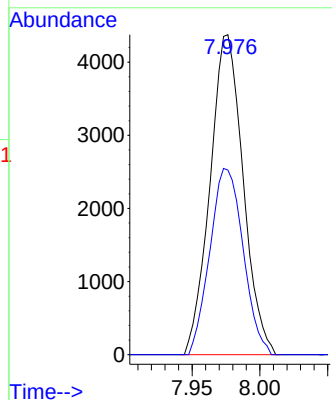
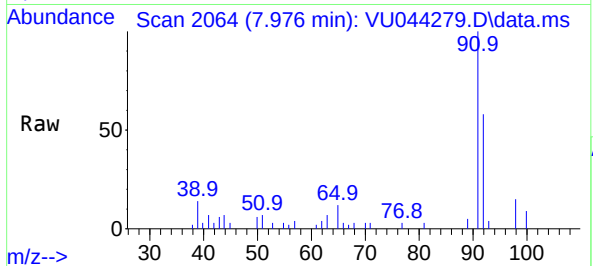




#42
Toluene
Concen: 0.174 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.001 min
Lab File: VU044279.D
Acq: 01 Jul 2021 12:20

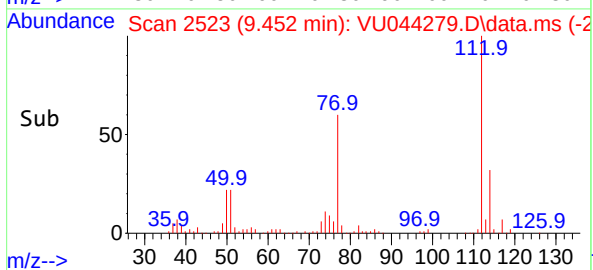
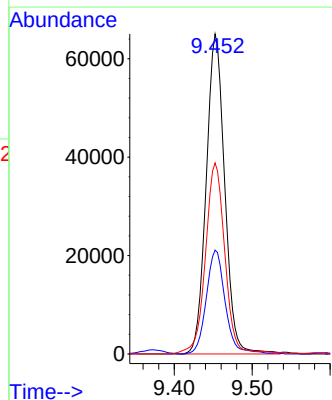
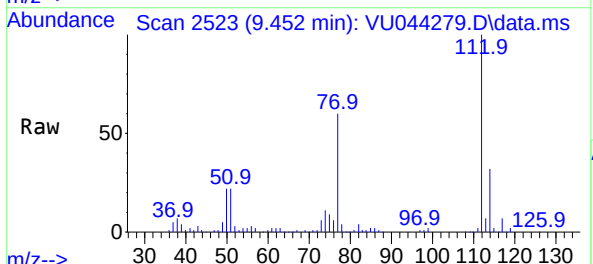
Instrument :
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ClientSampled :
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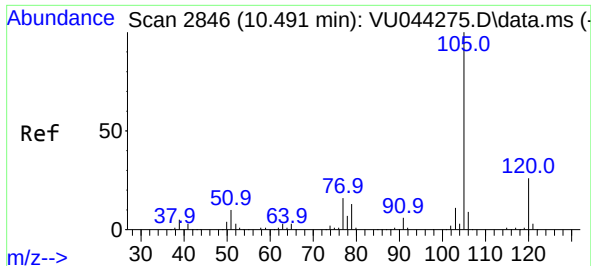
Tgt Ion: 91 Resp: 7434
Ion Ratio Lower Upper
91 100
92 57.7 41.2 76.6



#51
Chlorobenzene
Concen: 3.939 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU044279.D
Acq: 01 Jul 2021 12:20

Tgt Ion: 112 Resp: 107730
Ion Ratio Lower Upper
112 100
114 32.4 22.0 41.0
77 59.7 48.9 73.3

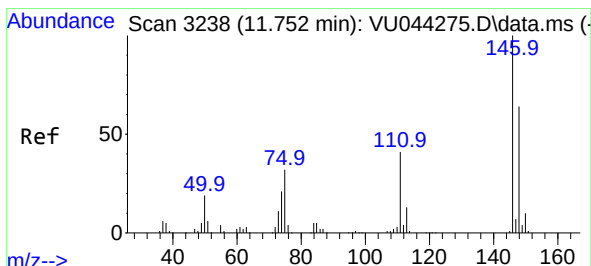
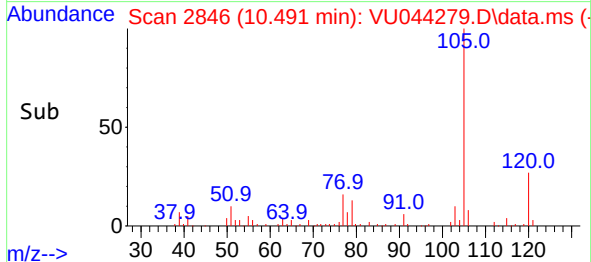
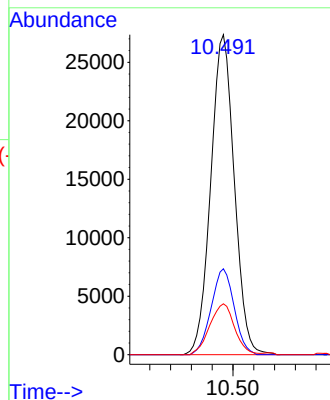
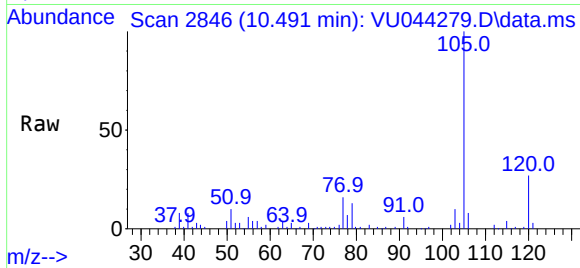




#60
Isopropylbenzene
Concen: 0.856 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.001 min
Lab File: VU044279.D
Acq: 01 Jul 2021 12:20

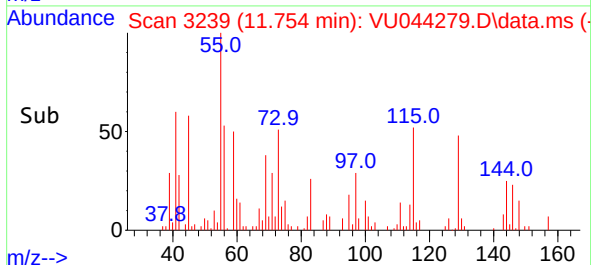
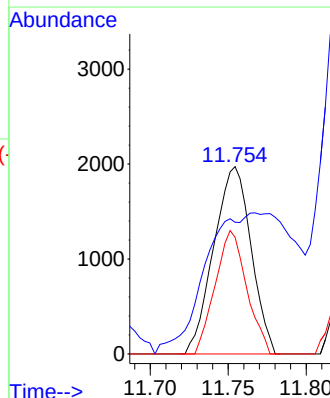
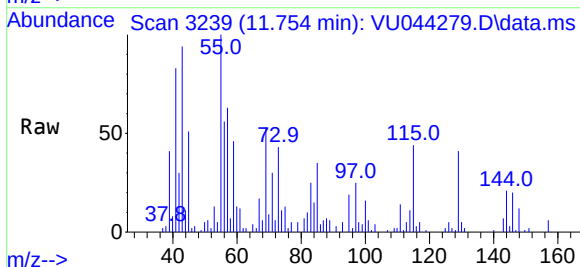
Instrument :
MSVOA_U
ClientSampleId :
DBK34

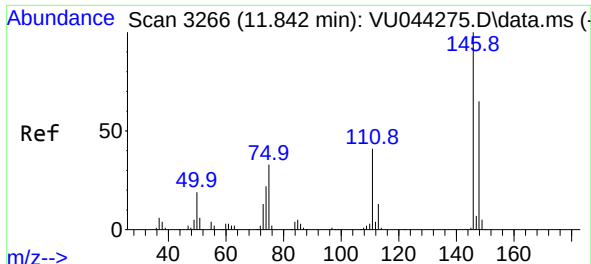
Tgt Ion:	105	Resp:	43015
Ion Ratio	Lower	Upper	
105	100		
120	26.2	20.7	31.1
77	16.8	12.9	19.3



#64
1,3-Dichlorobenzene
Concen: 0.145 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. 0.003 min
Lab File: VU044279.D
Acq: 01 Jul 2021 12:20

Tgt Ion:	146	Resp:	3285
Ion Ratio	Lower	Upper	
146	100		
111	70.3	29.8	55.3#
148	62.3	45.8	85.2

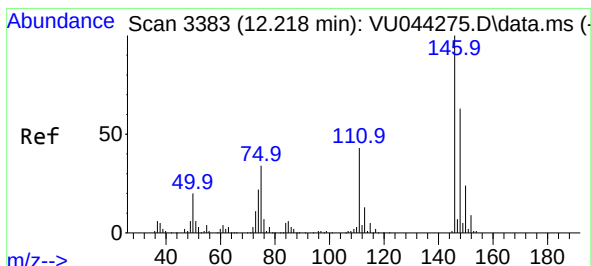
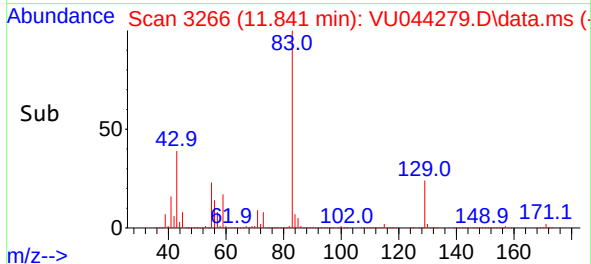
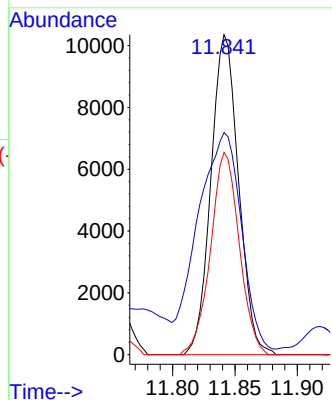
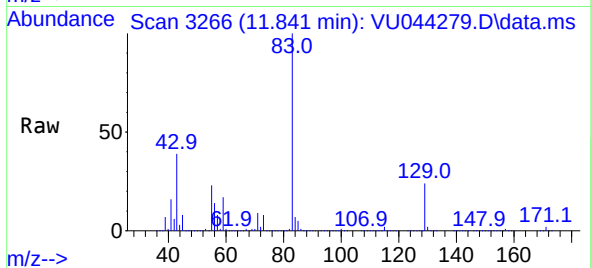




#65
1,4-Dichlorobenzene
Concen: 0.698 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.001 min
Lab File: VU044279.D
Acq: 01 Jul 2021 12:20

Instrument :
MSVOA_U
ClientSampleId :
DBK34

Tgt Ion:146 Resp: 15976
Ion Ratio Lower Upper
146 100
111 69.4 28.2 52.4#
148 63.2 45.1 83.9



#67
1,2-Dichlorobenzene
Concen: 0.437 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.001 min
Lab File: VU044279.D
Acq: 01 Jul 2021 12:20

Tgt Ion:146 Resp: 9325
Ion Ratio Lower Upper
146 100
111 55.3 35.0 52.6#
148 68.0 51.2 76.8

