

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
 Data File : VU044278.D
 Acq On : 01 Jul 2021 11:55
 Operator : SY/MD
 Sample : M2905-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBK33

Quant Time: Jul 02 01:50:16 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

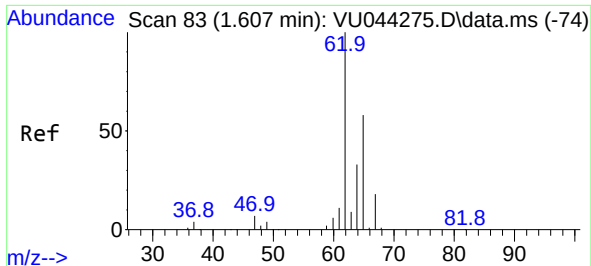
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	138891	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	134432	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	74197	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	30843	4.102	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.919	69	32705	4.417	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.571	65	16364	4.240	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.649	46	114124	41.212	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.420%
24) Chloroform-d	5.073	84	80267	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.713	65	45517	4.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.735	84	159943	4.790	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.700	67	52123	4.817	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.906	98	148271	4.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.185	79	21551	4.294	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.639	63	111906	46.813	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.620%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	45337	4.713	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.198	152	65361	5.347	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						
5) Vinyl chloride	1.607	62	24251	2.471	ug/L	99
8) Chloroethane	1.941	64	5379	0.805	ug/L #	76
13) Acetone	2.665	43	6832	5.518	ug/L #	48
18) trans-1,2-Dichloroethene	3.362	96	14436	1.691	ug/L	98
19) 1,1-Dichloroethane	3.880	63	21445	1.317	ug/L	99
22) cis-1,2-Dichloroethene	4.681	96	1631	0.175	ug/L	94
30) Cyclohexane	5.394	56	3030	0.194	ug/L	97
33) Benzene	5.784	78	200092	5.674	ug/L	100
37) 1,2-Dichloropropane	6.800	63	5024	0.539	ug/L #	90
42) Toluene	7.976	91	7192	0.185	ug/L	96
51) Chlorobenzene	9.452	112	106283	4.273	ug/L	99
52) Ethylbenzene	9.578	91	3078	0.069	ug/L	87
60) Isopropylbenzene	10.491	105	53560	1.187	ug/L	99
64) 1,3-Dichlorobenzene	11.754	146	3254	0.160	ug/L #	76
65) 1,4-Dichlorobenzene	11.844	146	14739	0.718	ug/L #	87
67) 1,2-Dichlorobenzene	12.221	146	8810	0.460	ug/L	94

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

Instrument :
MSVOA_U
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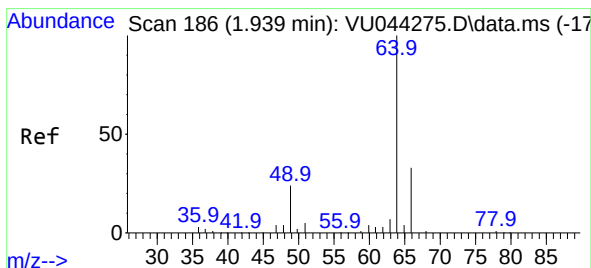
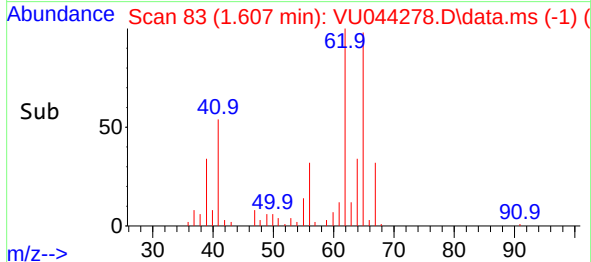
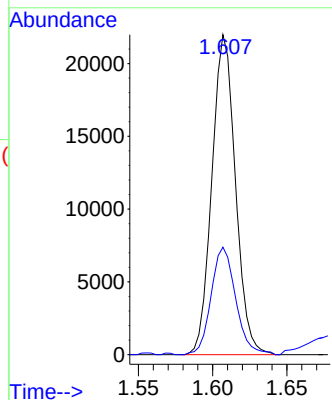
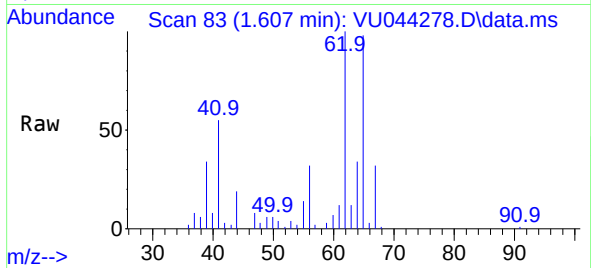




#5
 Vinyl chloride
 Concen: 2.471 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.001 min
 Lab File: VU044278.D
 Acq: 01 Jul 2021 11:55

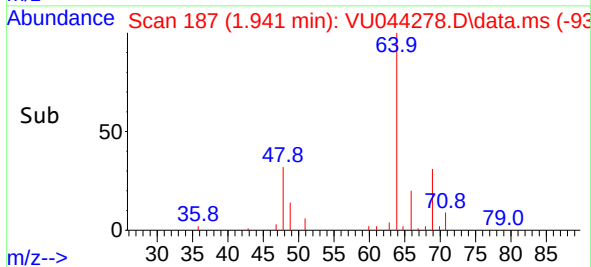
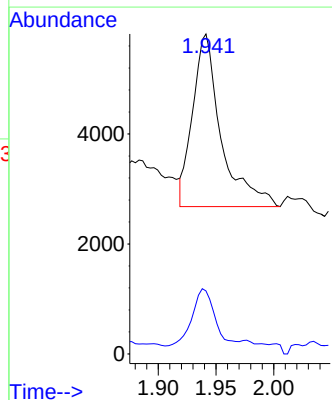
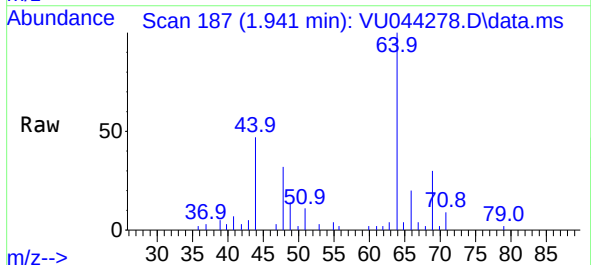
Instrument :
 MSVOA_U
 ClientSampled :
 DBK33

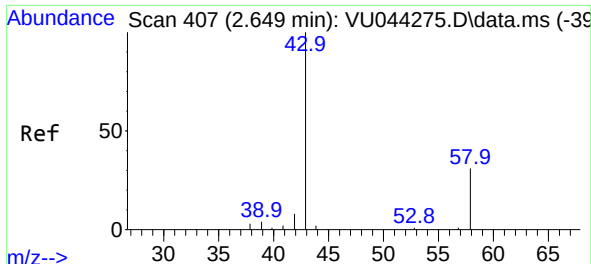
Tgt Ion: 62 Resp: 24251
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.7 44.1



#8
 Chloroethane
 Concen: 0.805 ug/L
 RT: 1.941 min Scan# 187
 Delta R.T. 0.003 min
 Lab File: VU044278.D
 Acq: 01 Jul 2021 11:55

Tgt Ion: 64 Resp: 5379
 Ion Ratio Lower Upper
 64 100
 66 18.8 22.7 42.3#

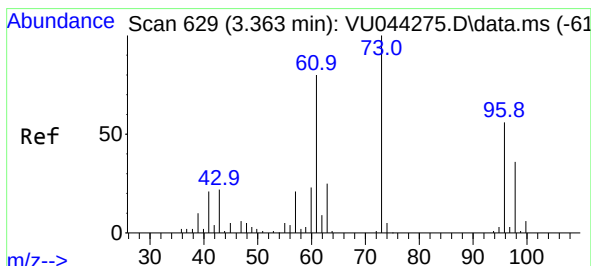
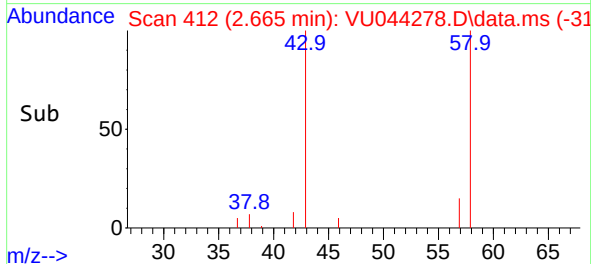
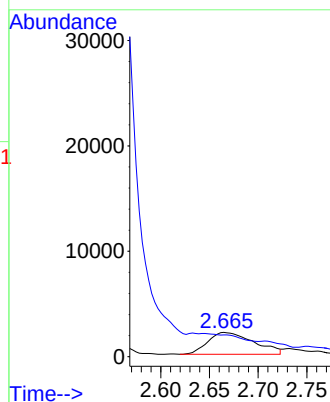
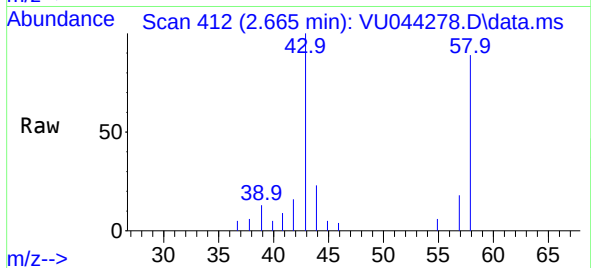




#13
Acetone
Concen: 5.518 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.016 min
Lab File: VU044278.D
Acq: 01 Jul 2021 11:55

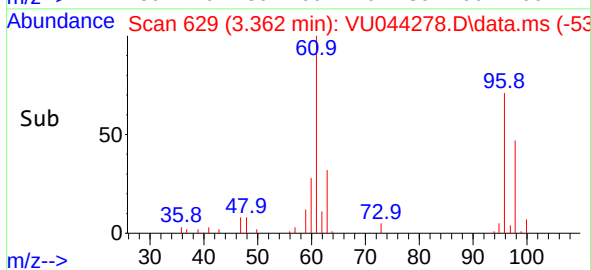
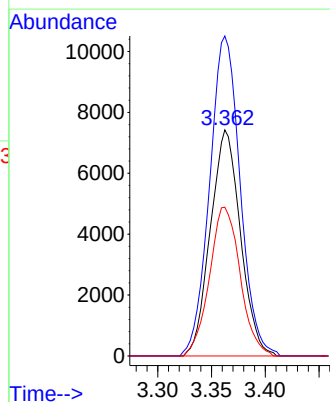
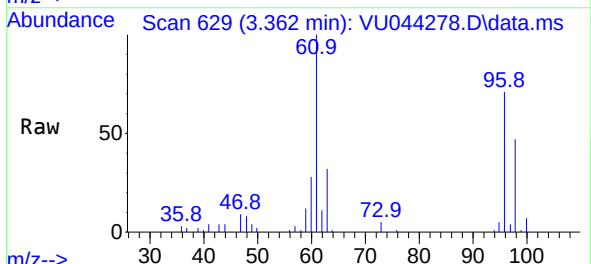
Instrument :
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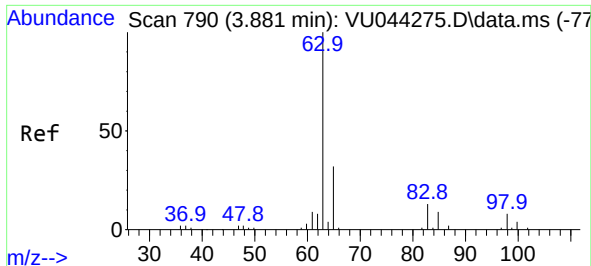
Tgt Ion: 43 Resp: 6832
Ion Ratio Lower Upper
43 100
58 0.0 0.0 53.8



#18
trans-1,2-Dichloroethene
Concen: 1.691 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.001 min
Lab File: VU044278.D
Acq: 01 Jul 2021 11:55

Tgt Ion: 96 Resp: 14436
Ion Ratio Lower Upper
96 100
61 141.5 100.2 186.2
98 65.8 44.9 83.5

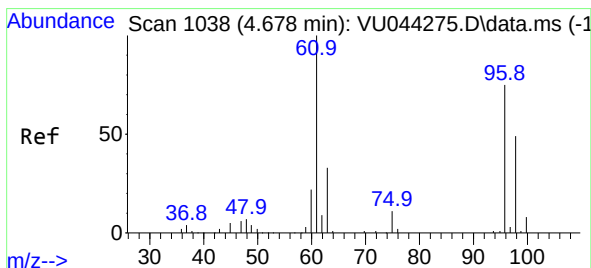
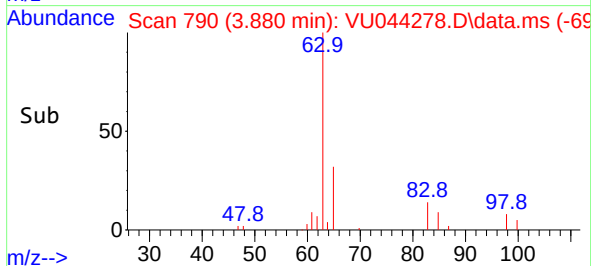
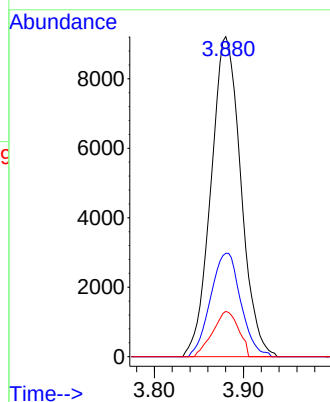
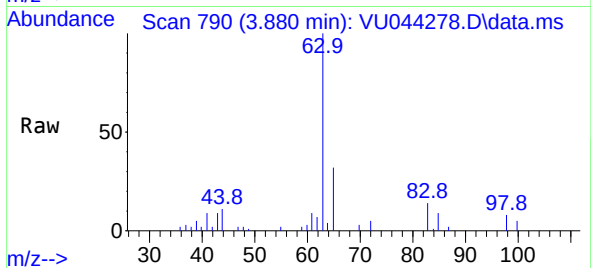




#19
1,1-Dichloroethane
Concen: 1.317 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.001 min
Lab File: VU044278.D
Acq: 01 Jul 2021 11:55

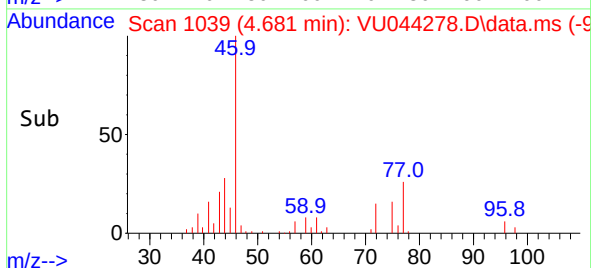
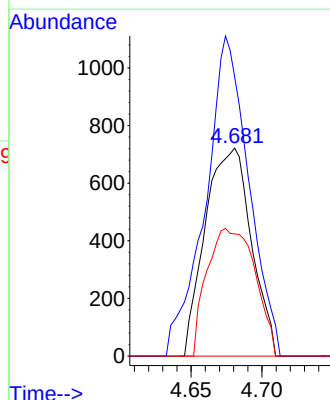
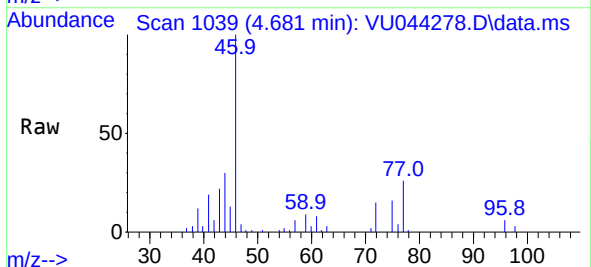
Instrument :
MSVOA_U
ClientSampled :
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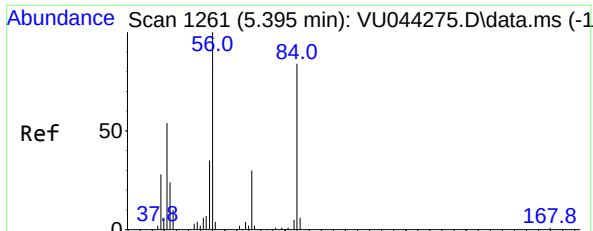
Tgt Ion:	63	Resp:	21445
Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.3	41.3
83	13.6	9.9	18.5



#22
cis-1,2-Dichloroethene
Concen: 0.175 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VU044278.D
Acq: 01 Jul 2021 11:55

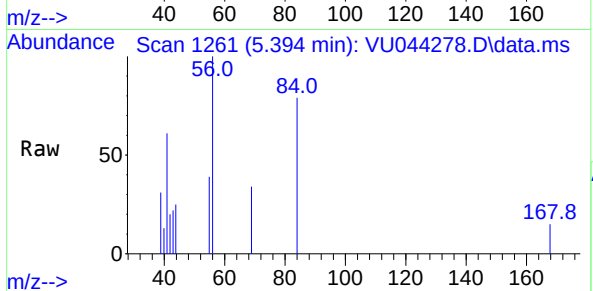
Tgt Ion:	96	Resp:	1631
Ion	Ratio	Lower	Upper
96	100		
61	134.3	98.8	183.6
98	58.7	44.8	83.2



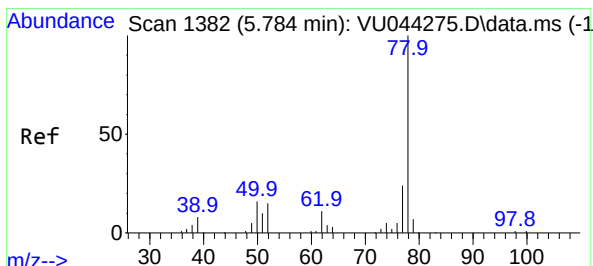
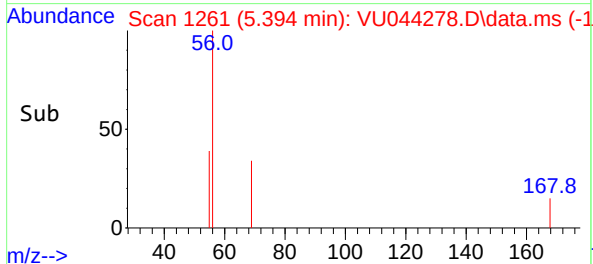
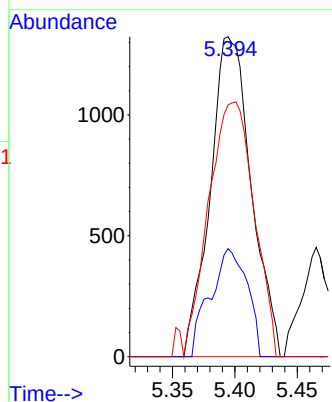


#30
Cyclohexane
Concen: 0.194 ug/L
RT: 5.394 min Scan# 1261
Delta R.T. -0.001 min
Lab File: VU044278.D
Acq: 01 Jul 2021 11:55

Instrument :
MSVOA_U
ClientSampleId :
DBK33

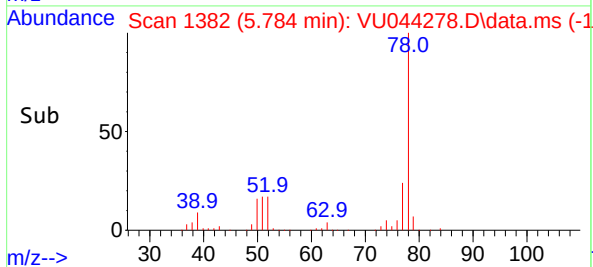
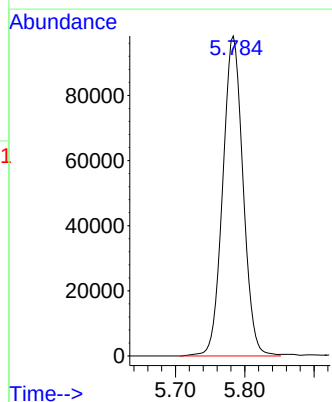
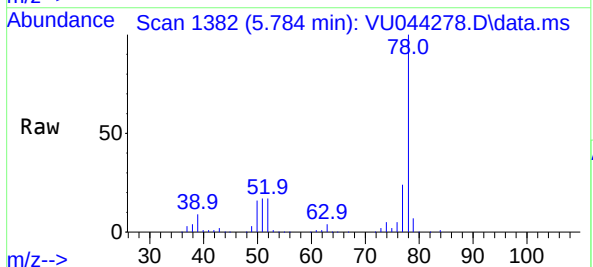


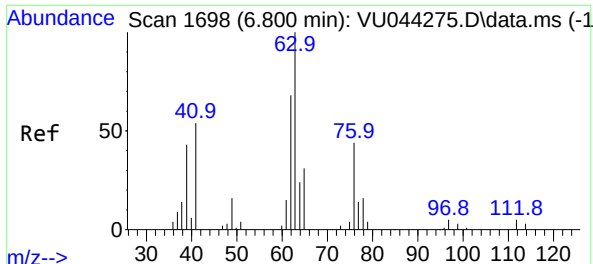
Tgt Ion: 56 Resp: 3030
Ion Ratio Lower Upper
56 100
69 30.4 24.8 37.2
84 88.0 67.8 101.8



#33
Benzene
Concen: 5.674 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.001 min
Lab File: VU044278.D
Acq: 01 Jul 2021 11:55

Tgt Ion: 78 Resp: 200092

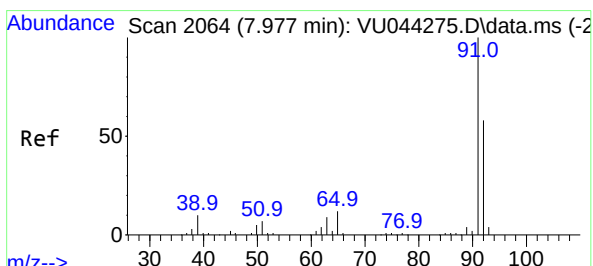
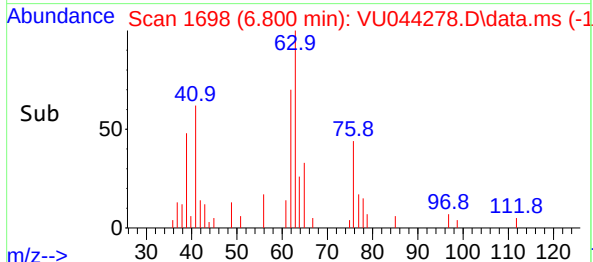
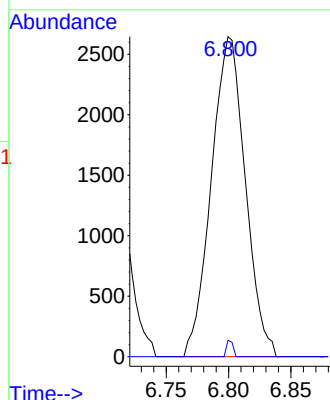
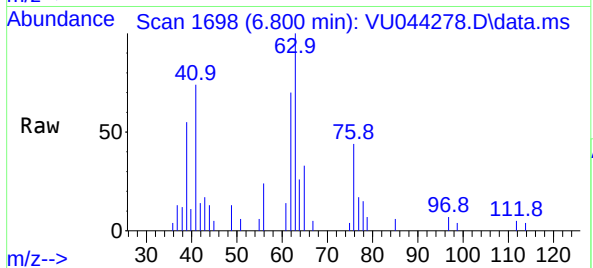




#37
1,2-Dichloropropane
Concen: 0.539 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.001 min
Lab File: VU044278.D
Acq: 01 Jul 2021 11:55

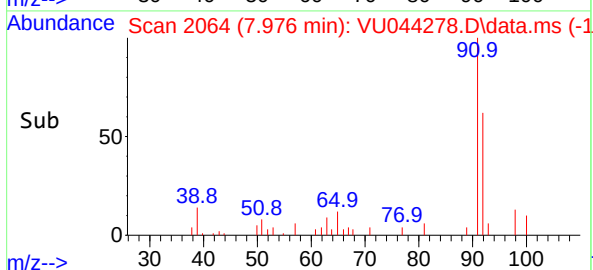
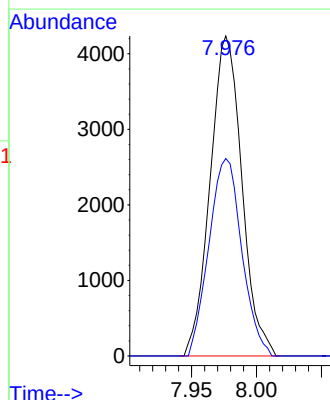
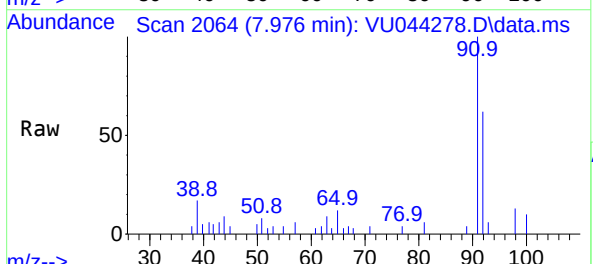
Instrument :
MSVOA_U
ClientSampleId :
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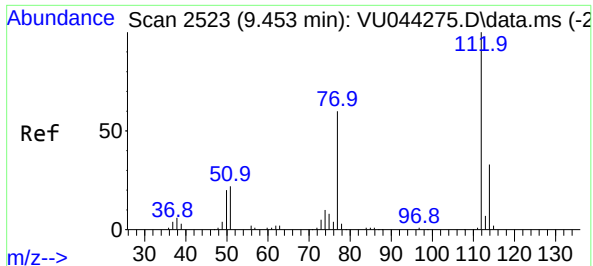
Tgt Ion: 63 Resp: 5024
Ion Ratio Lower Upper
63 100
112 1.0 3.5 5.3#



#42
Toluene
Concen: 0.185 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.001 min
Lab File: VU044278.D
Acq: 01 Jul 2021 11:55

Tgt Ion: 91 Resp: 7192
Ion Ratio Lower Upper
91 100
92 61.7 41.2 76.6

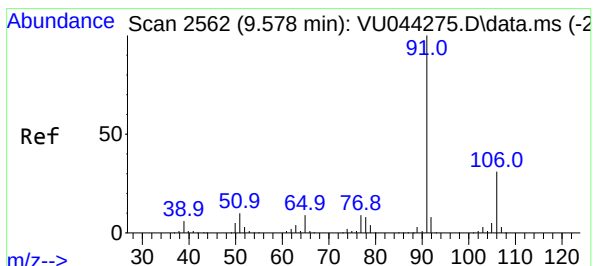
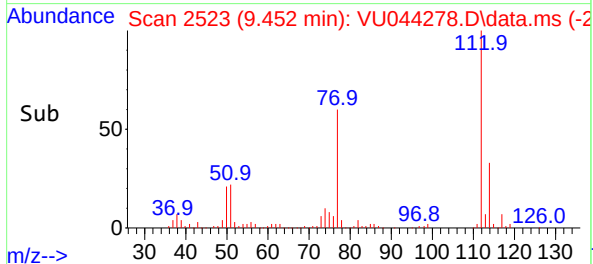
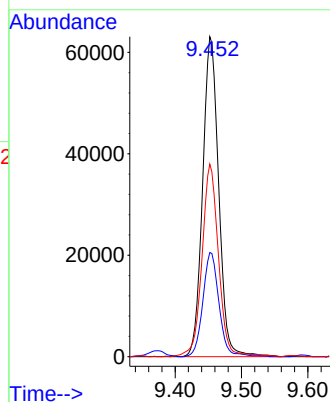
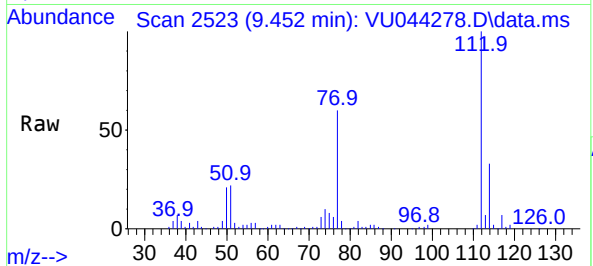




#51
Chlorobenzene
Concen: 4.273 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU044278.D
Acq: 01 Jul 2021 11:55

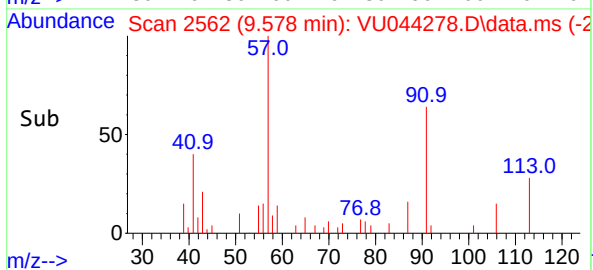
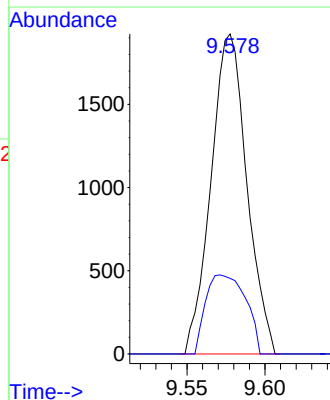
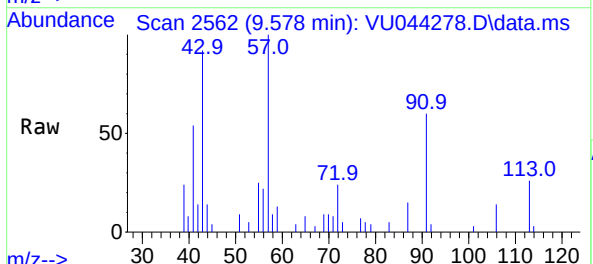
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ClientSampleId :
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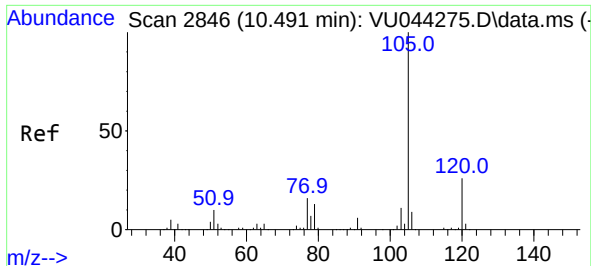
Tgt Ion:112 Resp: 106283
Ion Ratio Lower Upper
112 100
114 32.5 22.0 41.0
77 60.2 48.9 73.3



#52
Ethylbenzene
Concen: 0.069 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.001 min
Lab File: VU044278.D
Acq: 01 Jul 2021 11:55

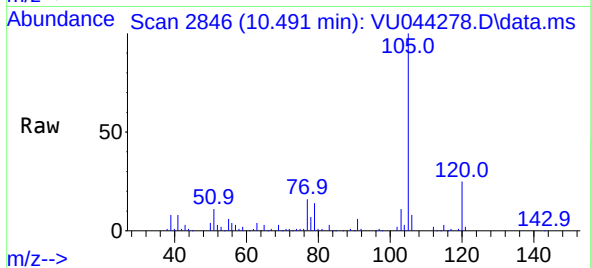
Tgt Ion: 91 Resp: 3078
Ion Ratio Lower Upper
91 100
106 23.6 21.6 40.2



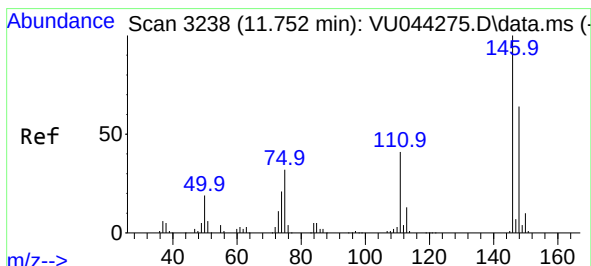
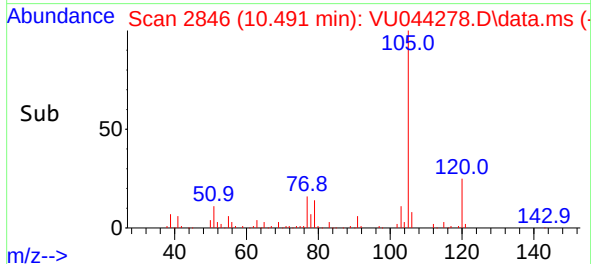
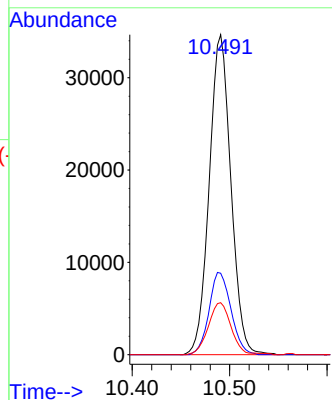


#60
Isopropylbenzene
Concen: 1.187 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.001 min
Lab File: VU044278.D
Acq: 01 Jul 2021 11:55

Instrument :
MSVOA_U
ClientSampleId :
DBK33

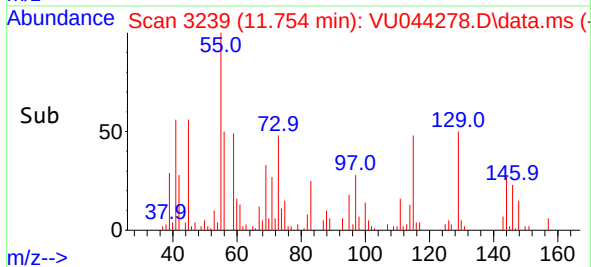
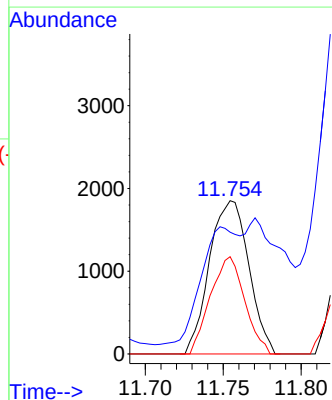
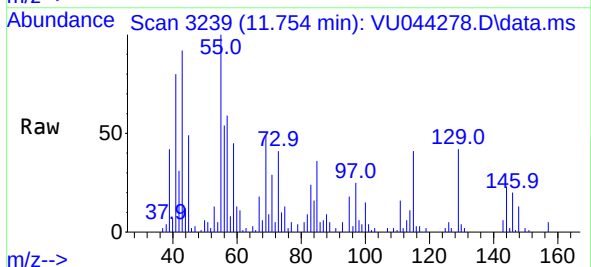


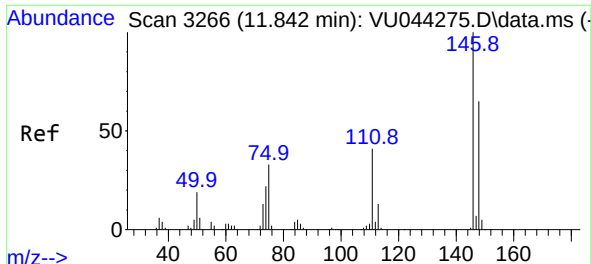
Tgt Ion:	105	Resp:	53560
Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.7	31.1
77	17.2	12.9	19.3



#64
1,3-Dichlorobenzene
Concen: 0.160 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. 0.003 min
Lab File: VU044278.D
Acq: 01 Jul 2021 11:55

Tgt Ion:	146	Resp:	3254
Ion	Ratio	Lower	Upper
146	100		
111	79.4	29.8	55.3#
148	63.4	45.8	85.2

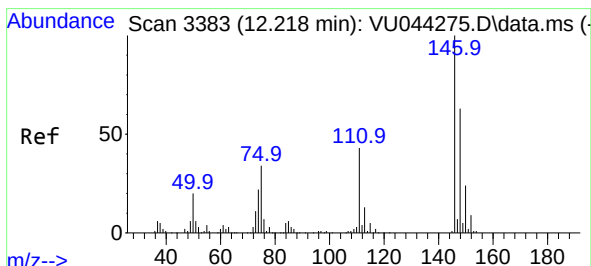
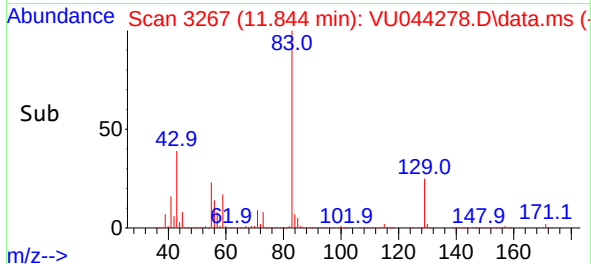
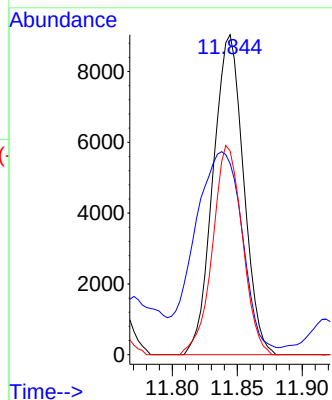
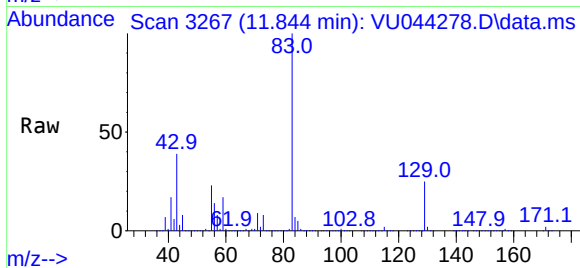




#65
1,4-Dichlorobenzene
Concen: 0.718 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. 0.003 min
Lab File: VU044278.D
Acq: 01 Jul 2021 11:55

Instrument :
MSVOA_U
ClientSampled :
DBK33

Tgt Ion:146 Resp: 14739
Ion Ratio Lower Upper
146 100
111 59.7 28.2 52.4#
148 63.6 45.1 83.9



#67
1,2-Dichlorobenzene
Concen: 0.460 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU044278.D
Acq: 01 Jul 2021 11:55

Tgt Ion:146 Resp: 8810
Ion Ratio Lower Upper
146 100
111 51.3 35.0 52.6
148 62.8 51.2 76.8

