

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
 Data File : VU044303.D
 Acq On : 02 Jul 2021 14:57
 Operator : SY/MD
 Sample : M2914-11DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBK29DL

Quant Time: Jul 03 05:00:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 03 04:56:00 2021
 Response via : Initial Calibration

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

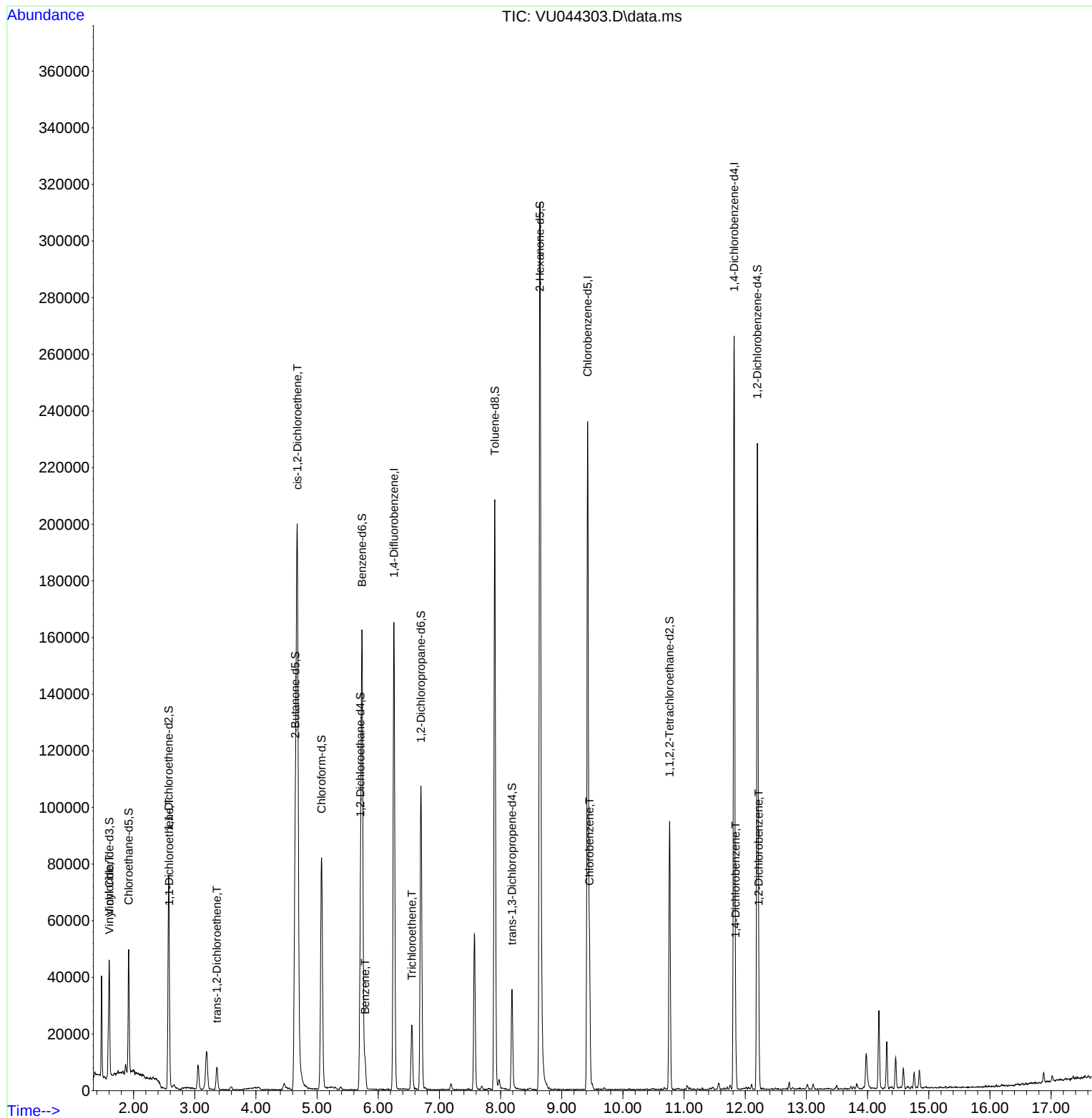
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	133138	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	128282	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	68115	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25795	3.578	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.919	69	30405	4.284	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.575	65	14395	3.891	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	4.645	46	150898	56.847	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.700%
24) Chloroform-d	5.073	84	73300	4.517	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.710	65	44335	4.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.735	84	146146	4.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.700	67	49373	4.782	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.906	98	135985	4.600	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.185	79	19676	4.108	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.642	63	126287	55.362	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.720%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	45464	4.953	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.198	152	56757	5.057	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	1017	0.108	ug/L #	1
12) 1,1-Dichloroethene	2.584	96	1191	0.155	ug/L #	1
18) trans-1,2-Dichloroethene	3.363	96	3348	0.409	ug/L	95
22) cis-1,2-Dichloroethene	4.678	96	79337	8.861	ug/L	95
33) Benzene	5.787	78	9712	0.289	ug/L	100
34) Trichloroethene	6.549	95	7204	0.790	ug/L	95
51) Chlorobenzene	9.452	112	23958	1.009	ug/L	93
65) 1,4-Dichlorobenzene	11.841	146	5021	0.266	ug/L	96
67) 1,2-Dichlorobenzene	12.221	146	7490	0.426	ug/L	98

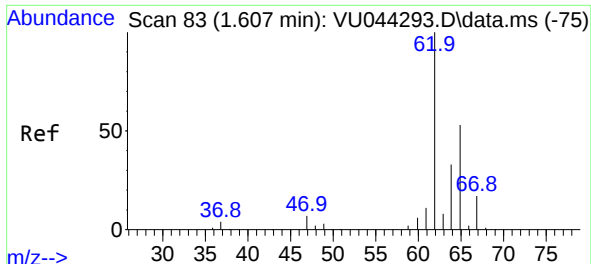
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
Data File : VU044303.D
Acq On : 02 Jul 2021 14:57
Operator : SY/MD
Sample : M2914-11DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBK29DL

Quant Time: Jul 03 05:00:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 03 04:56:00 2021
Response via : Initial Calibration

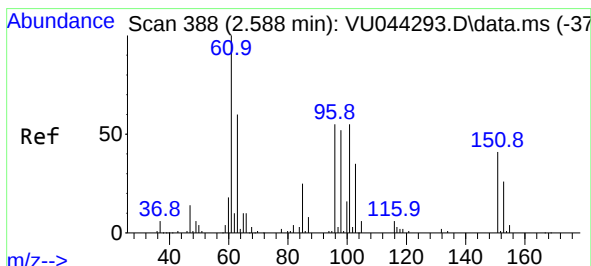
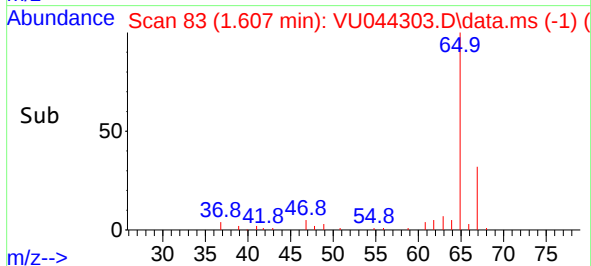
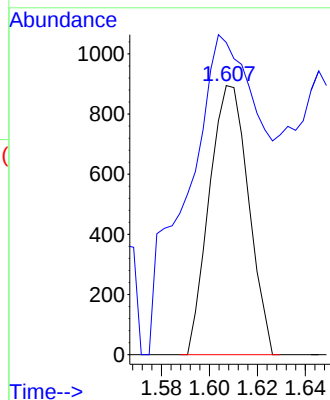
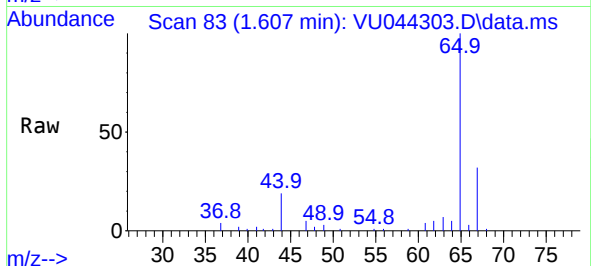




#5
 Vinyl chloride
 Concen: 0.108 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU044303.D
 Acq: 02 Jul 2021 14:57

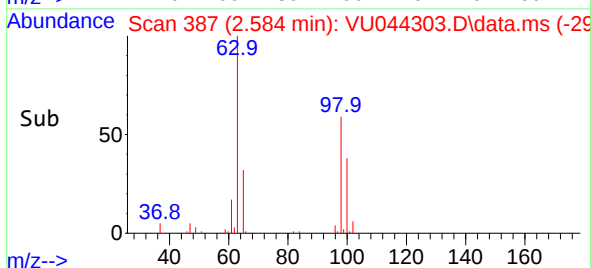
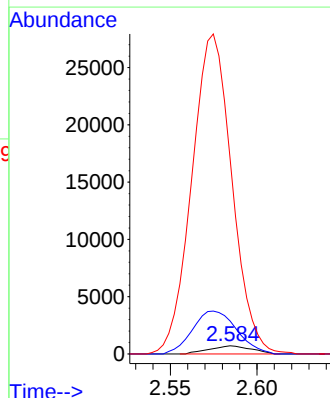
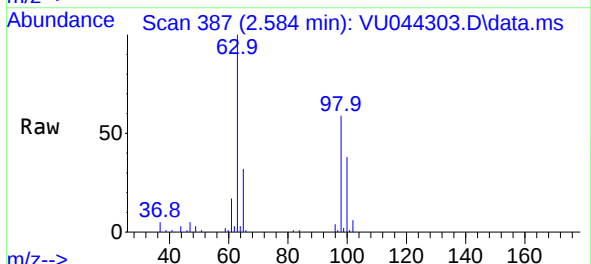
Instrument :
 MSVOA_U
 ClientSampled :
 DBK29DL

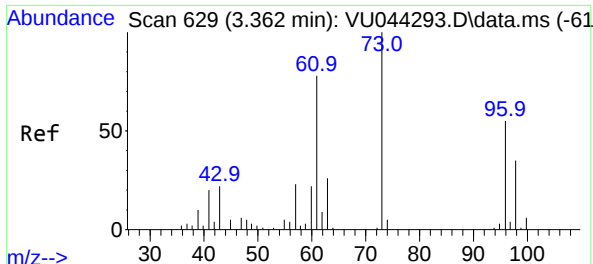
Tgt Ion: 62 Resp: 1017
 Ion Ratio Lower Upper
 62 100
 64 116.0 23.7 44.1#



#12
 1,1-Dichloroethene
 Concen: 0.155 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU044303.D
 Acq: 02 Jul 2021 14:57

Tgt Ion: 96 Resp: 1191
 Ion Ratio Lower Upper
 96 100
 61 406.7 128.6 238.8#
 63 2412.5 84.3 156.5#

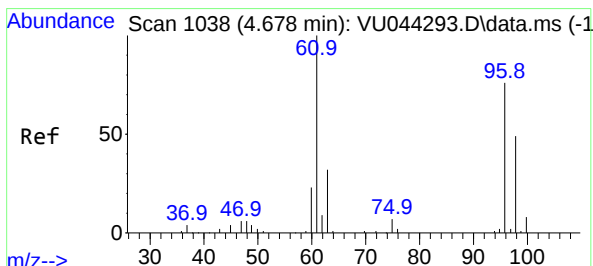
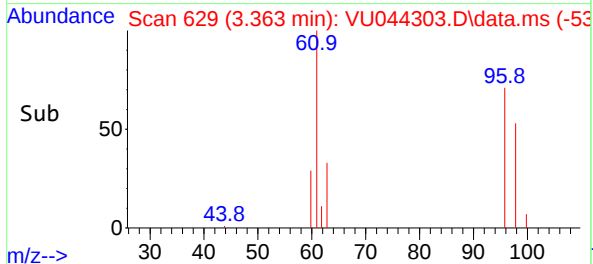
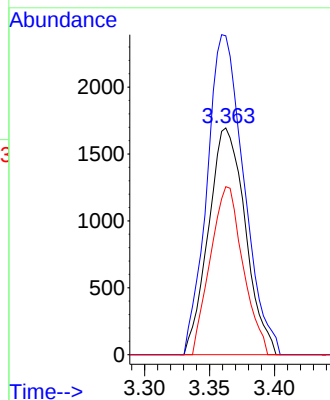
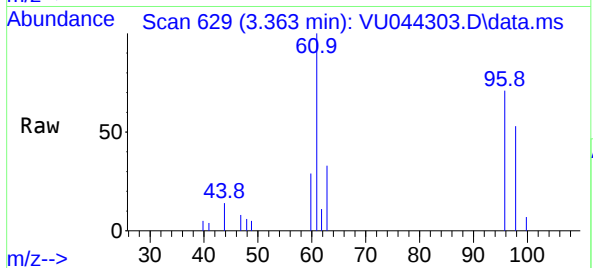




#18
trans-1,2-Dichloroethene
Concen: 0.409 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU044303.D
Acq: 02 Jul 2021 14:57

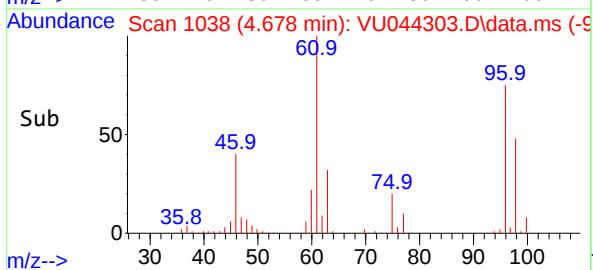
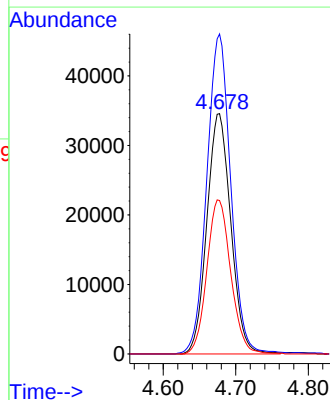
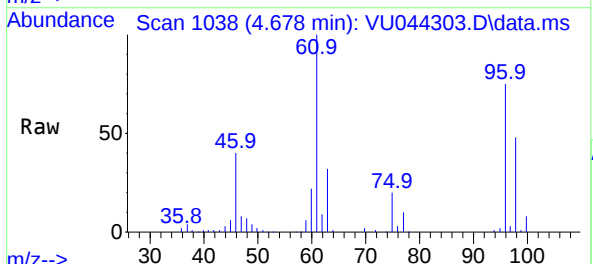
Instrument :
MSVOA_U
ClientSampleId :
DBK29DL

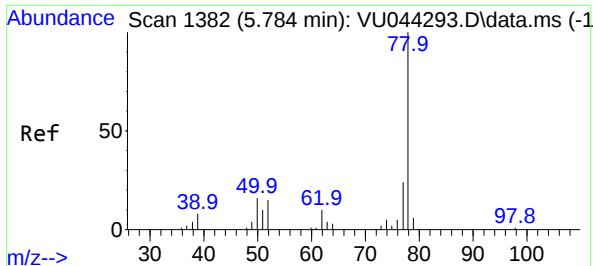
Tgt Ion: 96 Resp: 3348
Ion Ratio Lower Upper
96 100
61 140.6 100.2 186.2
98 74.1 44.9 83.5



#22
cis-1,2-Dichloroethene
Concen: 8.861 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU044303.D
Acq: 02 Jul 2021 14:57

Tgt Ion: 96 Resp: 79337
Ion Ratio Lower Upper
96 100
61 133.2 98.8 183.6
98 63.9 44.8 83.2

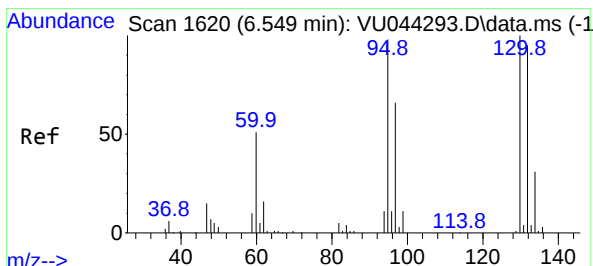
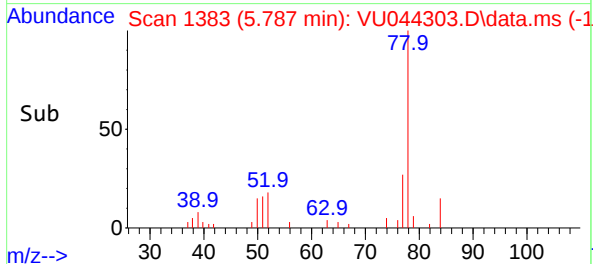
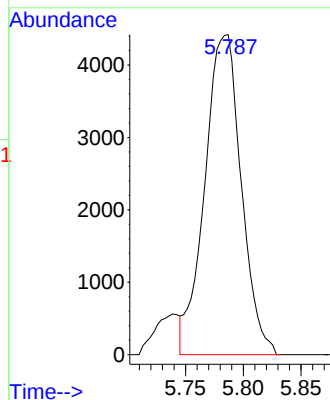
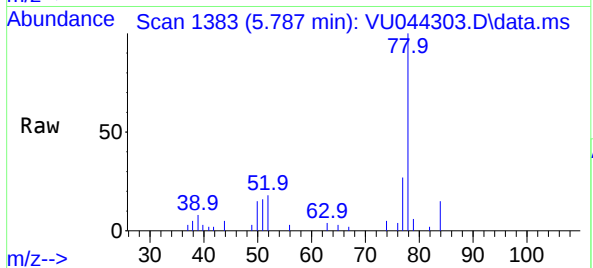




Benzene
Concen: 0.289 ug/L
RT: 5.787 min Scan# 1383
Delta R.T. 0.003 min
Lab File: VU044303.D
Acq: 02 Jul 2021 14:57

Instrument :
MSVOA_U
ClientSampled :
DBK29DL

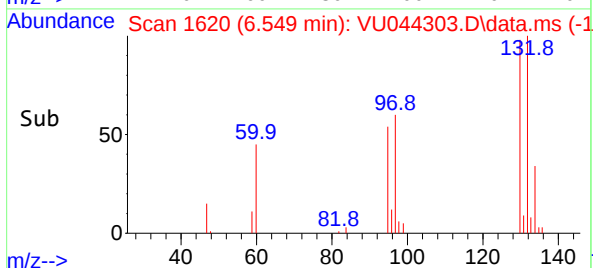
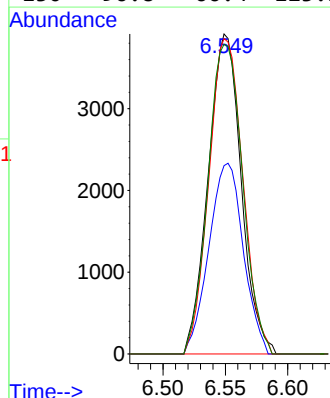
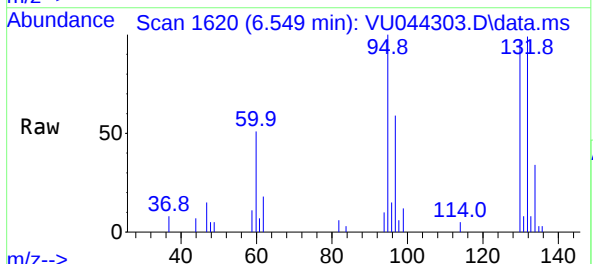
Tgt Ion: 78 Resp: 9712

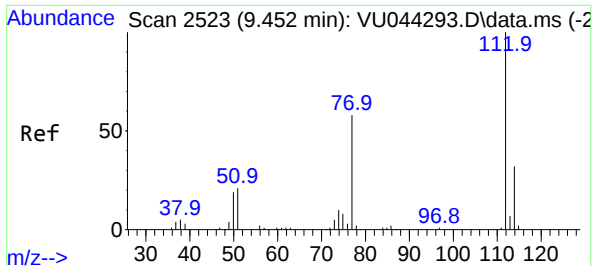


Trichloroethene
Concen: 0.790 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU044303.D
Acq: 02 Jul 2021 14:57

Tgt Ion: 95 Resp: 7204

Ion	Ratio	Lower	Upper
95	100		
97	58.9	44.3	82.3
132	98.5	64.3	119.5
130	96.8	66.4	123.2

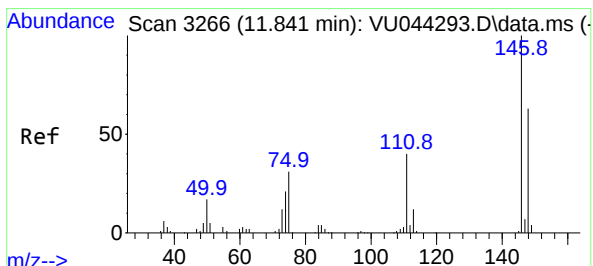
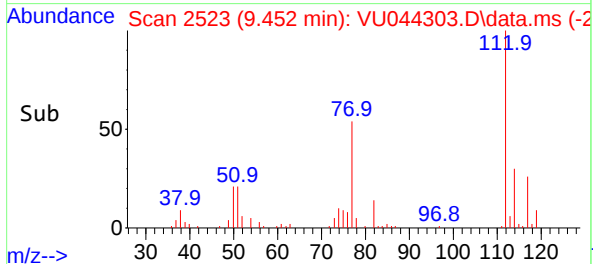
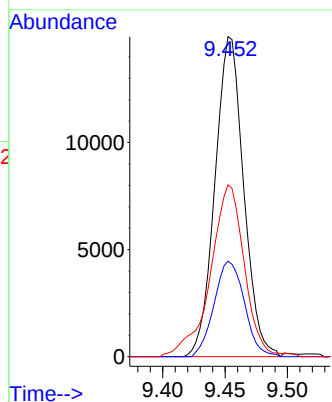
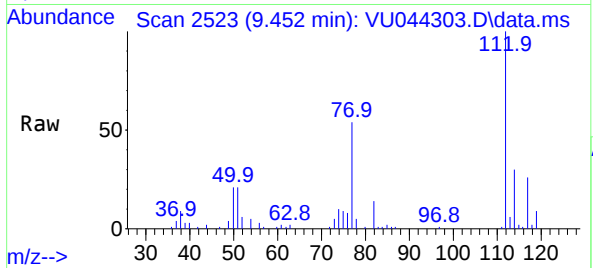




#51
Chlorobenzene
Concen: 1.009 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU044303.D
Acq: 02 Jul 2021 14:57

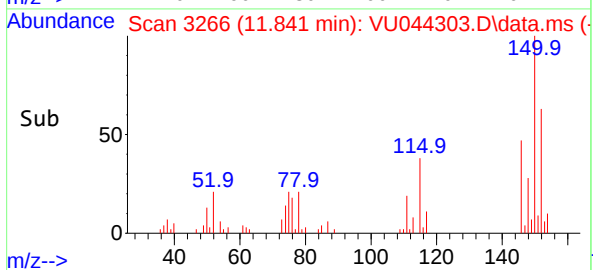
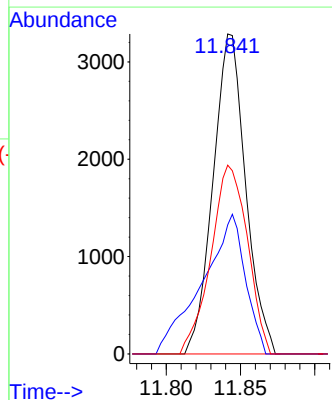
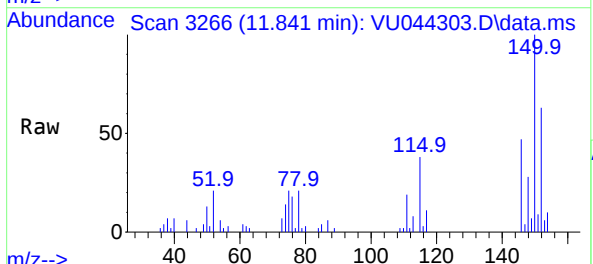
Instrument :
MSVOA_U
ClientSampled :
DBK29DL

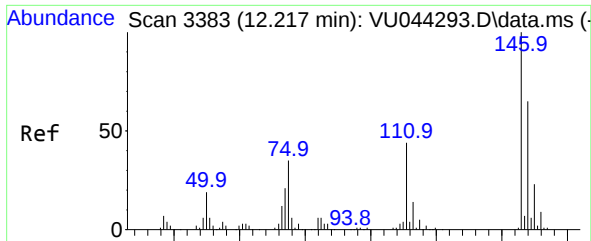
Tgt Ion:	112	Resp:	23958
Ion Ratio	Lower	Upper	
112	100		
114	29.9	22.0	41.0
77	53.7	48.9	73.3



#65
1,4-Dichlorobenzene
Concen: 0.266 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU044303.D
Acq: 02 Jul 2021 14:57

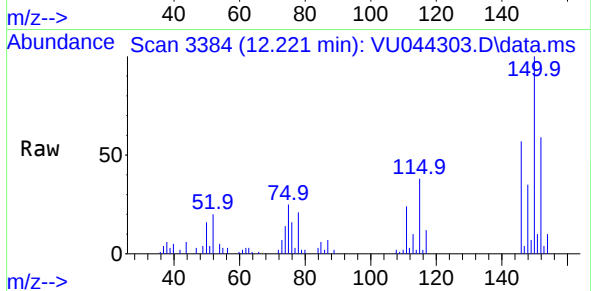
Tgt Ion:	146	Resp:	5021
Ion Ratio	Lower	Upper	
146	100		
111	40.3	28.2	52.4
148	59.0	45.1	83.9





#67
1,2-Dichlorobenzene
Concen: 0.426 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU044303.D
Acq: 02 Jul 2021 14:57

Instrument :
MSVOA_U
ClientSampleId :
DBK29DL



Tgt Ion:146 Resp: 7490
Ion Ratio Lower Upper
146 100
111 42.4 35.0 52.6
148 61.9 51.2 76.8

