

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043732.D
 Acq On : 14 May 2021 04:38
 Operator : SY/MD
 Sample : M2350-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 08:02:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 14 04:42:41 2021
 Response via : Initial Calibration

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

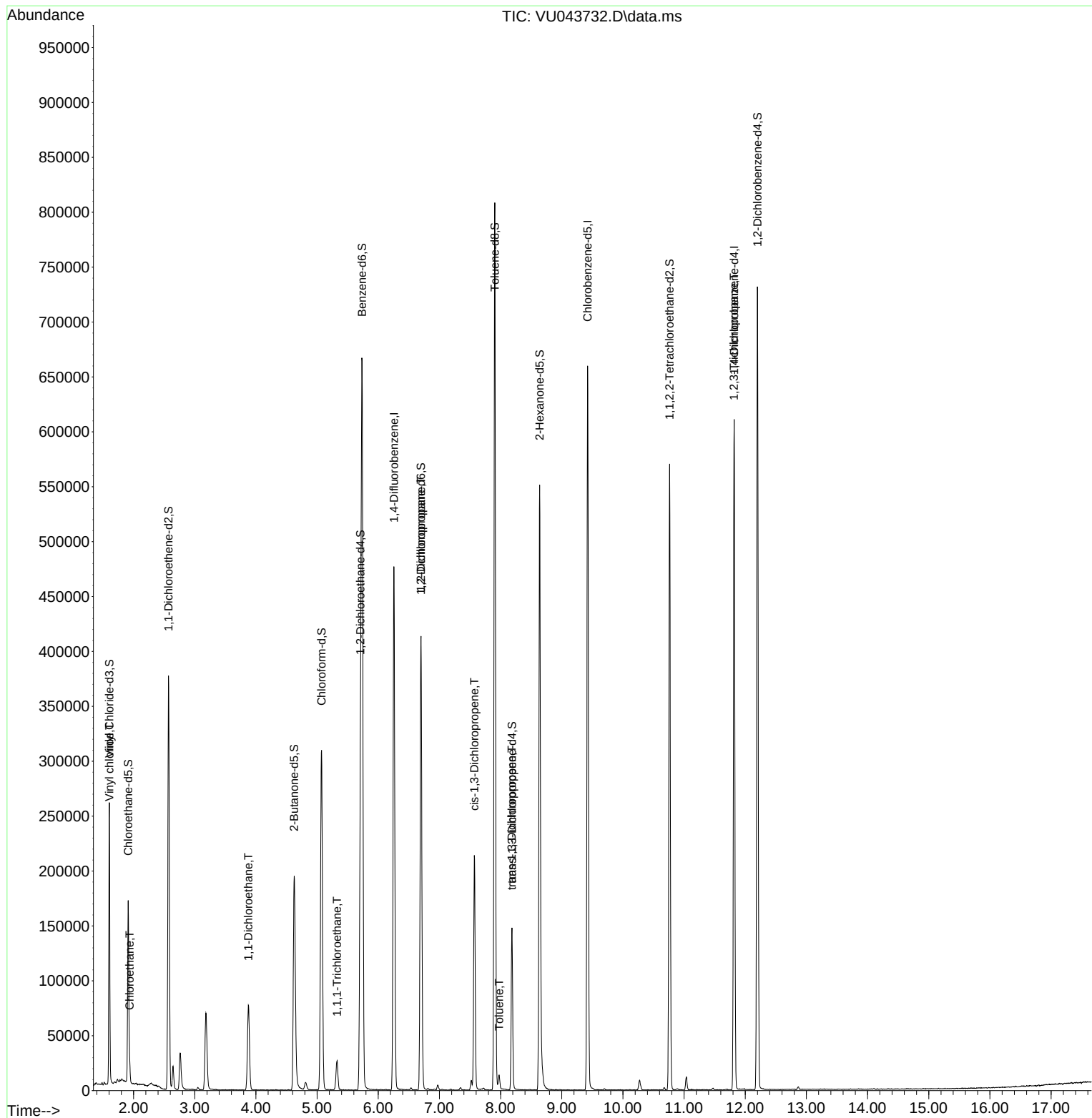
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	384134	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	366374	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	164435	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	169232	53.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.42%
7) Chloroethane-d5	1.912	69	125389	54.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.64%
11) 1,1-Dichloroethene-d2	2.571	63	218962	40.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.88%
21) 2-Butanone-d5	4.626	46	282310	113.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.47%
24) Chloroform-d	5.073	84	288627	53.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.96%
26) 1,2-Dichloroethane-d4	5.710	65	186699	55.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.60%
32) Benzene-d6	5.735	84	616996	56.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.66%
36) 1,2-Dichloropropane-d6	6.697	67	203439	57.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.88%
41) Toluene-d8	7.906	98	531419	54.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.78%
43) trans-1,3-Dichloroprop...	8.185	79	80813	52.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.38%
47) 2-Hexanone-d5	8.639	63	185671	109.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.48%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	288174	53.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.54%
66) 1,2-Dichlorobenzene-d4	12.201	152	197693	60.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	121.84%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	8514	2.24	ug/L #	55
8) Chloroethane	1.935	64	10562	4.91	ug/L	90
19) 1,1-Dichloroethane	3.877	63	89963	16.04	ug/L	99
30) 1,1,1-Trichloroethane	5.327	97	18794	4.26	ug/L	98
37) 1,2-Dichloropropane	6.700	63	20813	6.15	ug/L #	89
39) cis-1,3-Dichloropropene	7.571	75	4788	1.04	ug/L #	65
42) Toluene	7.976	91	8272	0.64	ug/L	96
44) trans-1,3-Dichloropropene	8.182	75	3296	0.76	ug/L	83
60) 1,2,3-Trichloropropane	11.815	75	19062	4.97	ug/L #	67

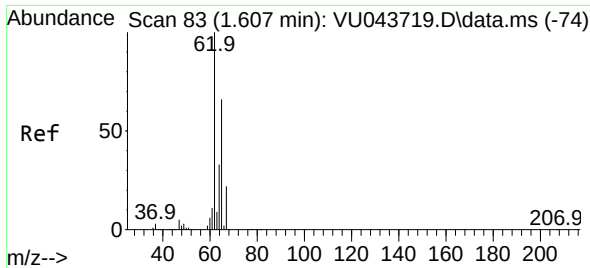
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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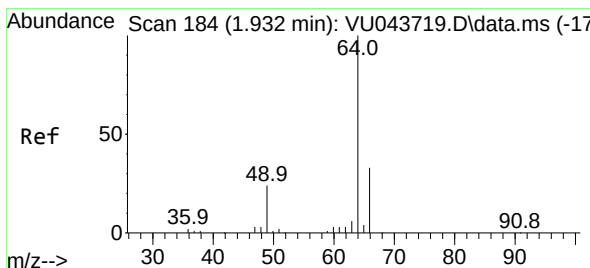
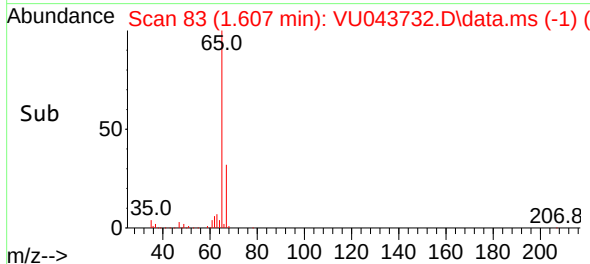
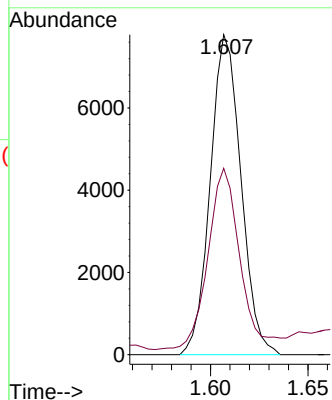
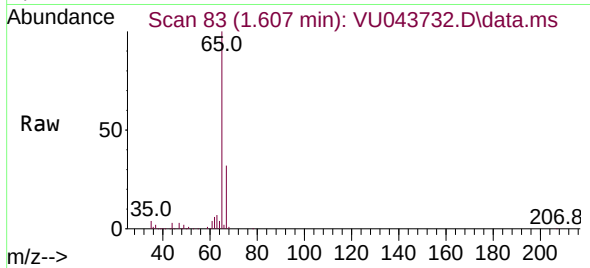




#5
 Vinyl chloride
 Concen: 2.24 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU043732.D
 Acq: 14 May 2021 04:38

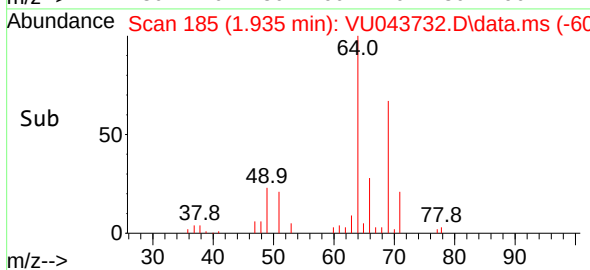
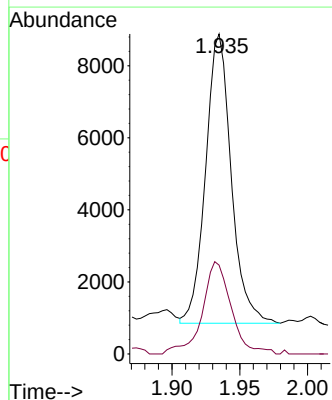
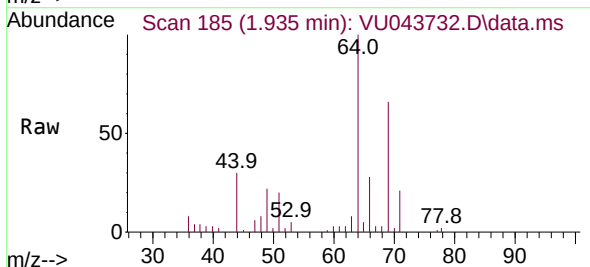
Instrument :
 MSVOA_U
 ClientSampled :

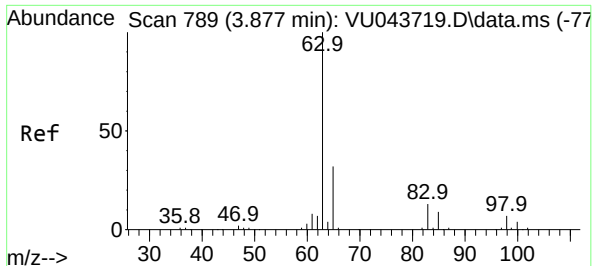
Tgt Ion: 62 Resp: 8514
 Ion Ratio Lower Upper
 62 100
 64 58.3 22.9 42.5#



#8
 Chloroethane
 Concen: 4.91 ug/L
 RT: 1.935 min Scan# 185
 Delta R.T. 0.003 min
 Lab File: VU043732.D
 Acq: 14 May 2021 04:38

Tgt Ion: 64 Resp: 10562
 Ion Ratio Lower Upper
 64 100
 66 27.7 23.2 43.2



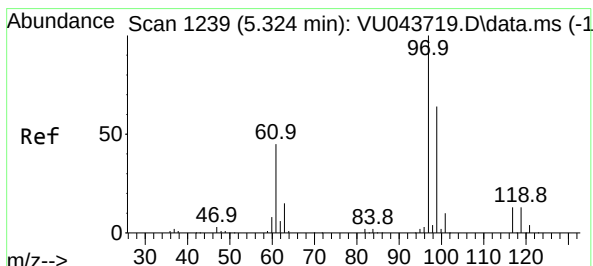
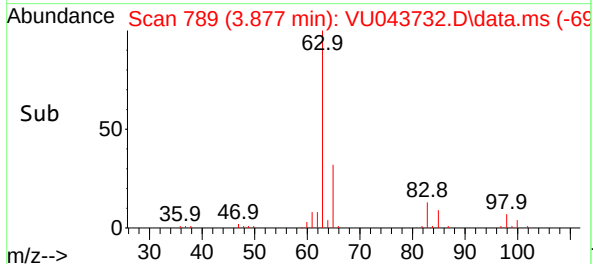
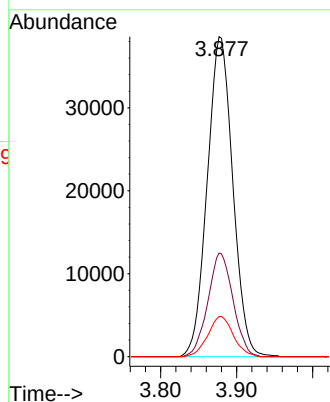
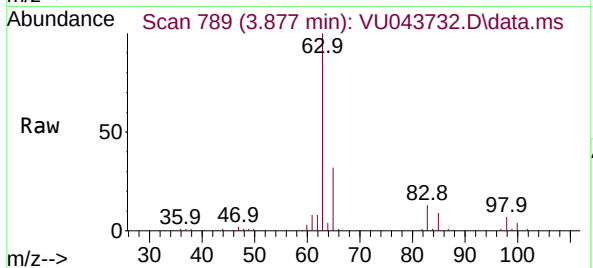


#19

1,1-Dichloroethane
Concen: 16.04 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.000 min
Lab File: VU043732.D
Acq: 14 May 2021 04:38

Instrument :
MSVOA_U
ClientSampleId :

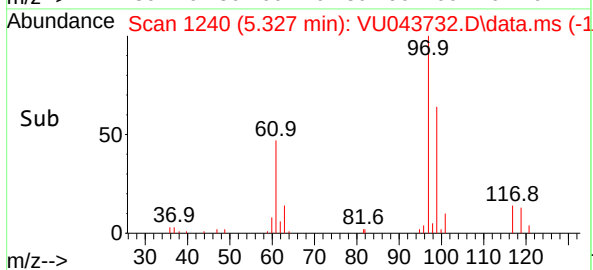
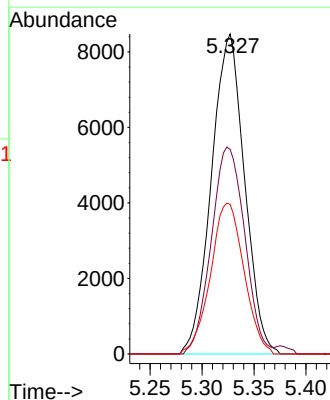
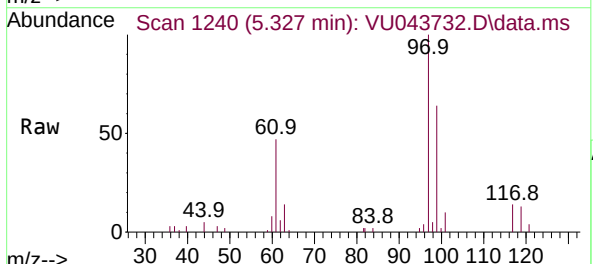
Tgt Ion: 63	Resp: 89963
Ion Ratio	Lower Upper
63 100	
65 32.4	22.0 41.0
83 12.6	8.7 16.1

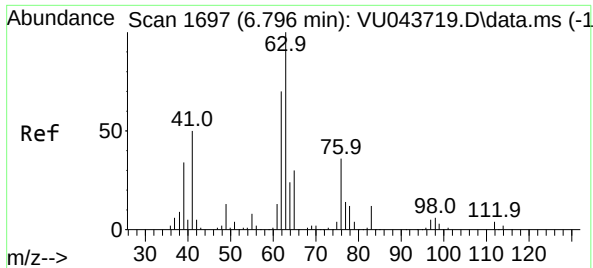


#30

1,1,1-Trichloroethane
Concen: 4.26 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.003 min
Lab File: VU043732.D
Acq: 14 May 2021 04:38

Tgt Ion: 97	Resp: 18794
Ion Ratio	Lower Upper
97 100	
99 65.4	51.7 77.5
61 47.7	36.9 55.3



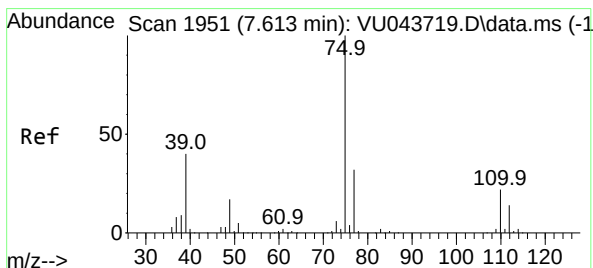
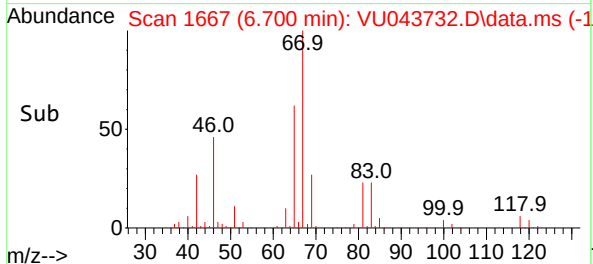
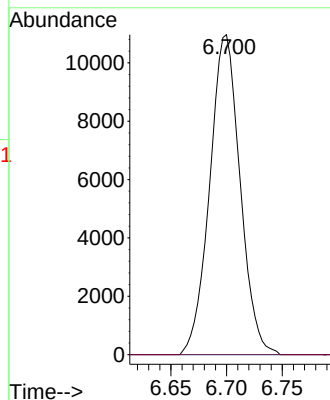
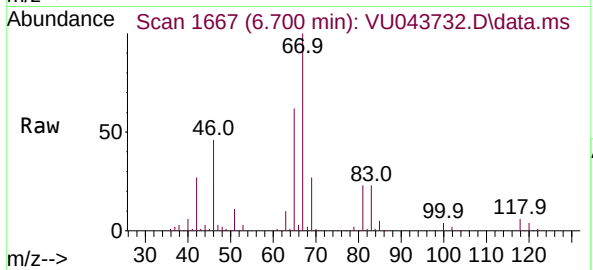


#37

1,2-Dichloropropane
Concen: 6.15 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.097 min
Lab File: VU043732.D
Acq: 14 May 2021 04:38

Instrument :
MSVOA_U
ClientSampled :

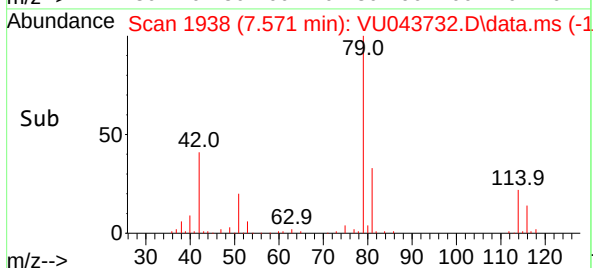
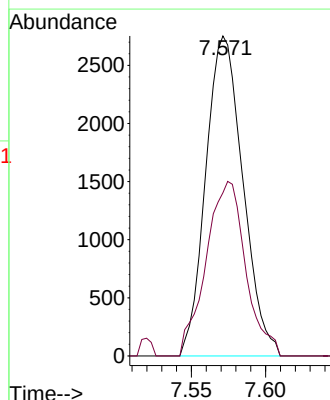
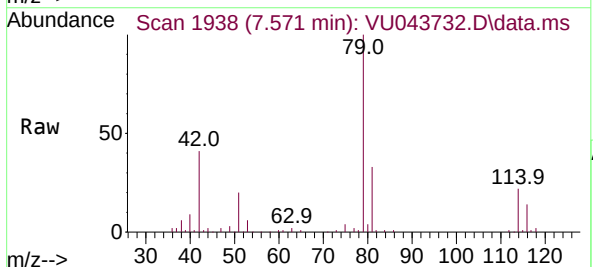
Tgt Ion: 63 Resp: 20813
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#

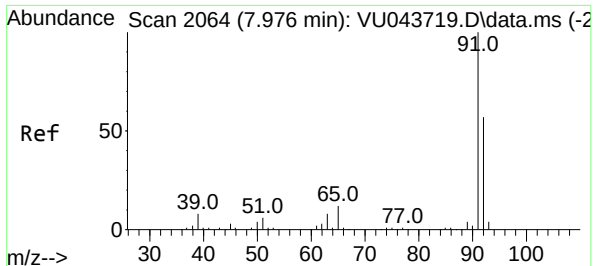


#39

cis-1,3-Dichloropropene
Concen: 1.04 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU043732.D
Acq: 14 May 2021 04:38

Tgt Ion: 75 Resp: 4788
Ion Ratio Lower Upper
75 100
77 51.0 22.0 41.0#

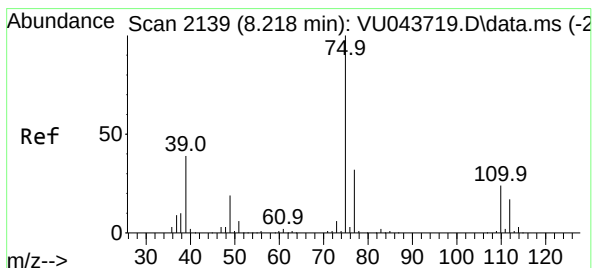
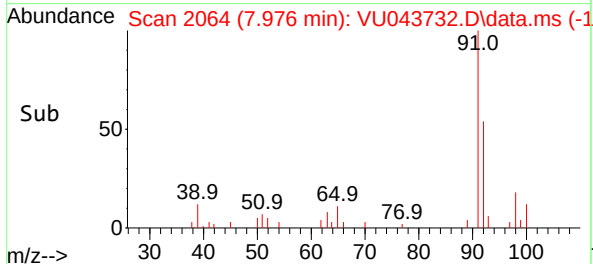
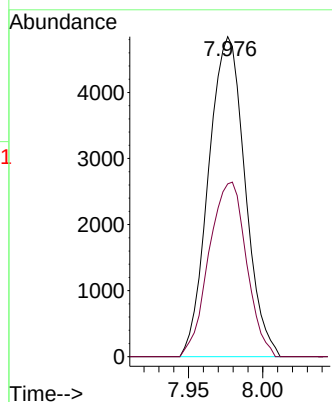
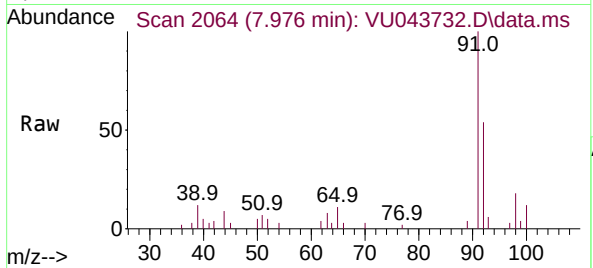




#42
Toluene
Concen: 0.64 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043732.D
Acq: 14 May 2021 04:38

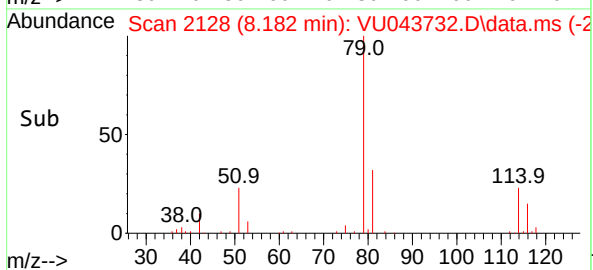
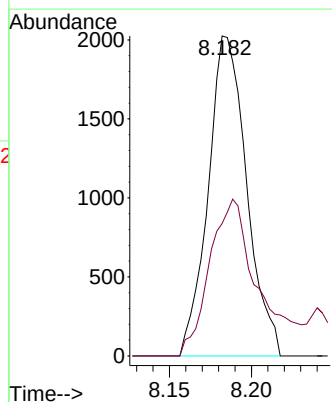
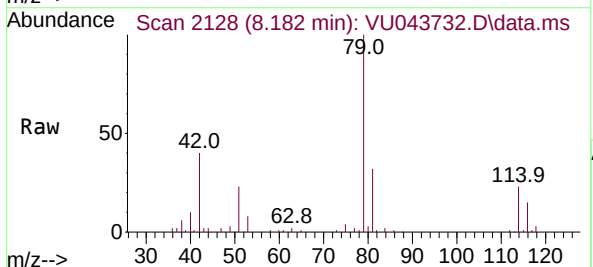
Instrument :
MSVOA_U
ClientSampled :

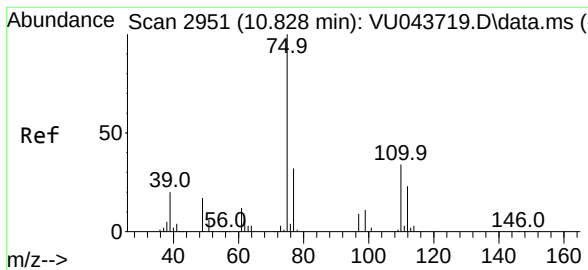
Tgt Ion: 91 Resp: 8272
Ion Ratio Lower Upper
91 100
92 54.0 39.7 73.7



#44
trans-1,3-Dichloropropene
Concen: 0.76 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.035 min
Lab File: VU043732.D
Acq: 14 May 2021 04:38

Tgt Ion: 75 Resp: 3296
Ion Ratio Lower Upper
75 100
77 41.4 22.4 41.6





#60
 1,2,3-Trichloropropane
 Concen: 4.97 ug/L
 RT: 11.815 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU043732.D
 Acq: 14 May 2021 04:38

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:	75	Resp:	19062
Ion	Ratio	Lower	Upper
75	100		
77	29.8	25.8	38.6
110	1.8	28.9	43.3#

