

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043745.D
 Acq On : 14 May 2021 10:55
 Operator : SY/MD
 Sample : M2350-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 14:42:18 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)

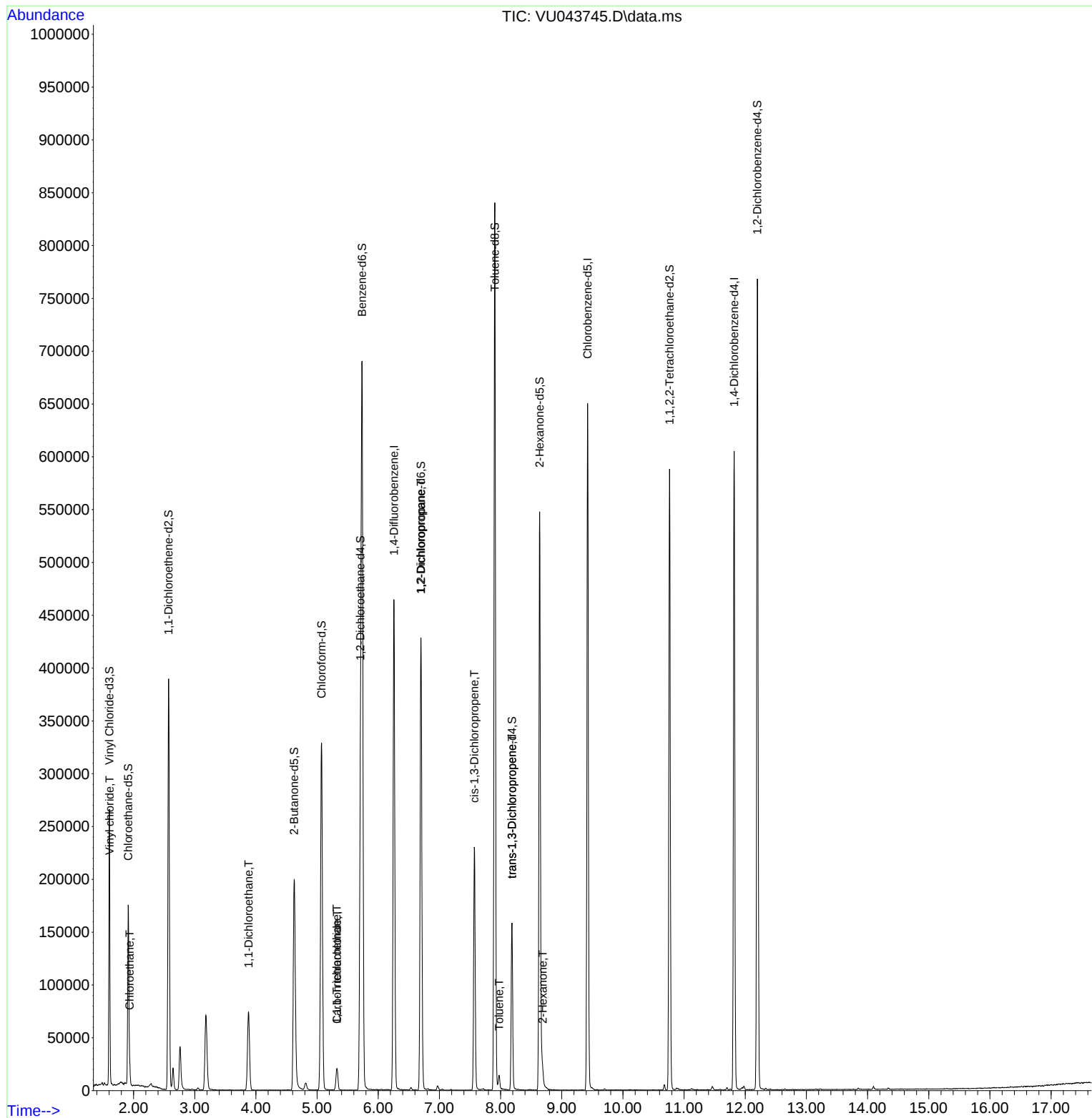
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	374390	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	363294	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	164471	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	173791	56.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.12%
7) Chloroethane-d5	1.912	69	129786	58.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.44%
11) 1,1-Dichloroethene-d2	2.571	63	228862	43.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.74%
21) 2-Butanone-d5	4.626	46	284747	117.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.43%
24) Chloroform-d	5.073	84	304103	57.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.64%
26) 1,2-Dichloroethane-d4	5.710	65	194001	59.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.98%
32) Benzene-d6	5.735	84	641498	59.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.16%
36) 1,2-Dichloropropane-d6	6.697	67	212625	60.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	121.10%#
41) Toluene-d8	7.906	98	558587	57.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.32%
43) trans-1,3-Dichloroprop...	8.185	79	88661	57.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	115.48%
47) 2-Hexanone-d5	8.639	63	184382	109.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.65%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	299677	56.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.78%
66) 1,2-Dichlorobenzene-d4	12.198	152	207317	63.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	127.74%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.610	62	8314	2.24	ug/L #	70
8) Chloroethane	1.935	64	9759	4.65	ug/L	96
19) 1,1-Dichloroethane	3.880	63	87594	16.03	ug/L	99
30) 1,1,1-Trichloroethane	5.324	97	15329	3.50	ug/L	99
31) Carbon tetrachloride	5.327	117	2066	0.57	ug/L	97
37) 1,2-Dichloropropane	6.700	63	21812	6.50	ug/L #	89
39) cis-1,3-Dichloropropene	7.571	75	5395	1.18	ug/L #	78
42) Toluene	7.976	91	8389	0.65	ug/L	91
44) trans-1,3-Dichloropropene	8.185	75	3620	0.84	ug/L #	81
48) 2-Hexanone	8.690	43	6885	1.70	ug/L #	91

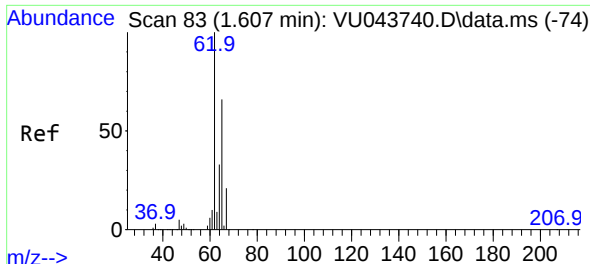
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 58 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 14 14:42:18 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

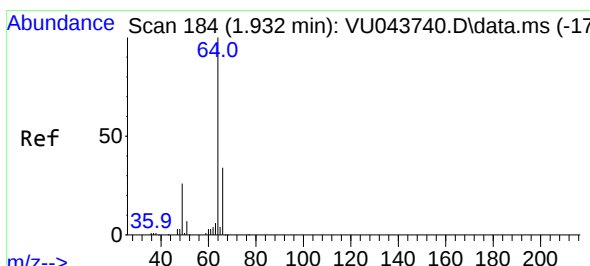
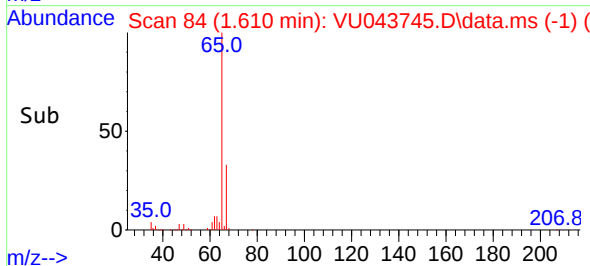
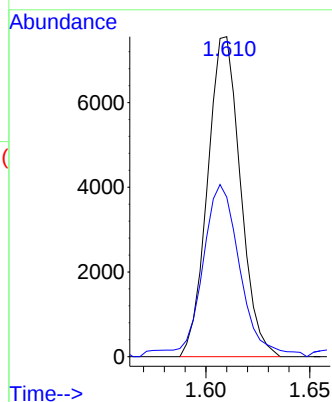
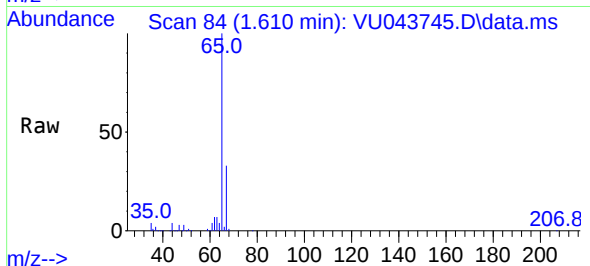




#5
 Vinyl chloride
 Concen: 2.24 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VU043745.D
 Acq: 14 May 2021 10:55

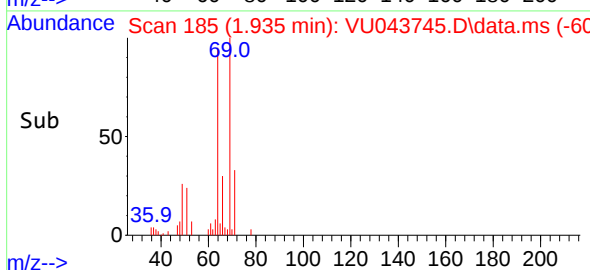
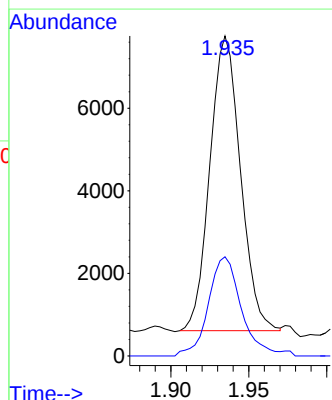
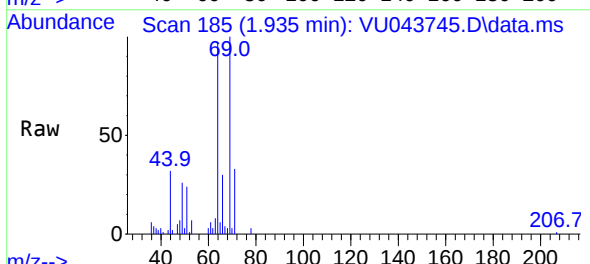
Instrument :
 MSVOA_U
 ClientSampled :

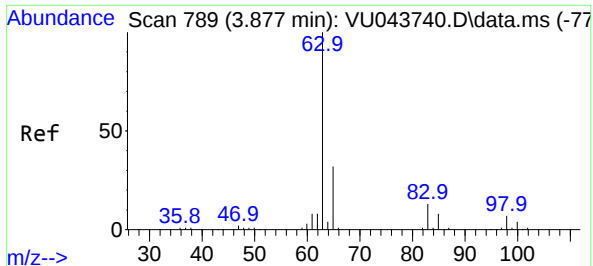
Tgt Ion: 62 Resp: 8314
 Ion Ratio Lower Upper
 62 100
 64 49.9 22.9 42.5#



#8
 Chloroethane
 Concen: 4.65 ug/L
 RT: 1.935 min Scan# 185
 Delta R.T. 0.003 min
 Lab File: VU043745.D
 Acq: 14 May 2021 10:55

Tgt Ion: 64 Resp: 9759
 Ion Ratio Lower Upper
 64 100
 66 31.0 23.2 43.2



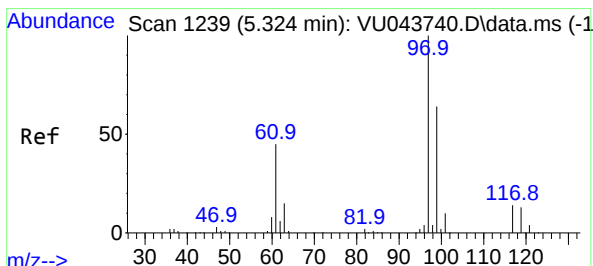
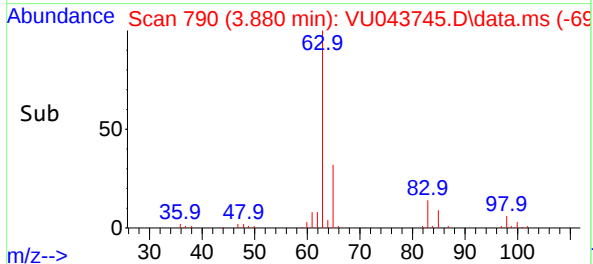
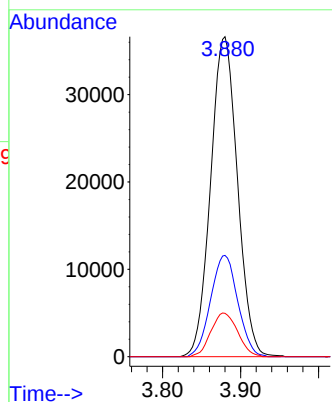
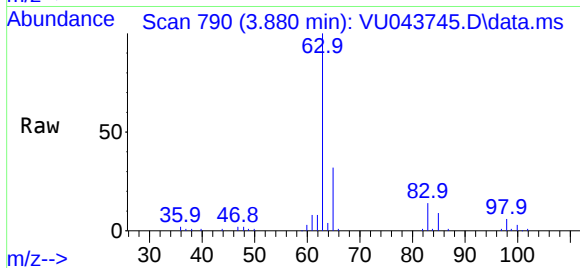


#19

1,1-Dichloroethane
Concen: 16.03 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU043745.D
Acq: 14 May 2021 10:55

Instrument :
MSVOA_U
ClientSampleId :

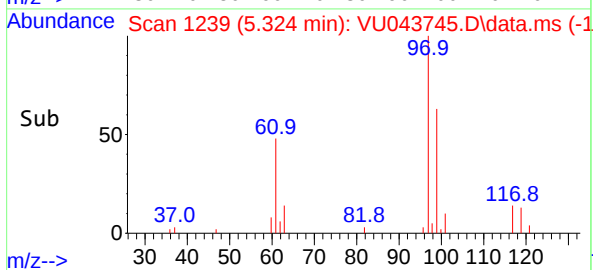
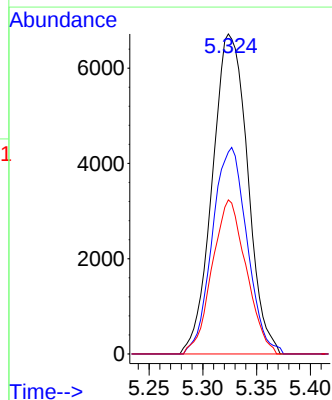
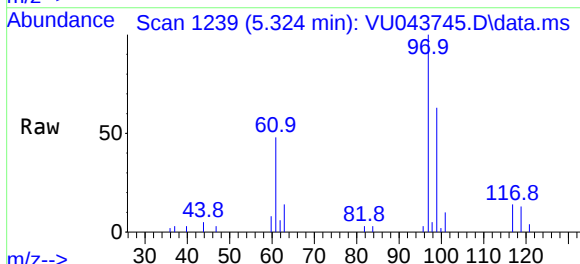
Tgt Ion:	63	Resp:	87594
Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.0	41.0
83	13.6	8.7	16.1

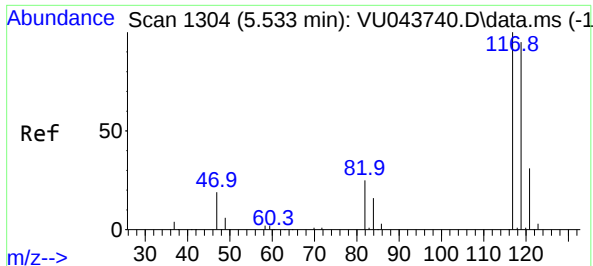


#30

1,1,1-Trichloroethane
Concen: 3.50 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VU043745.D
Acq: 14 May 2021 10:55

Tgt Ion:	97	Resp:	15329
Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.7	77.5
61	46.5	36.9	55.3

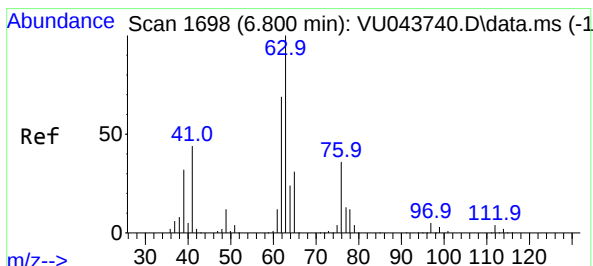
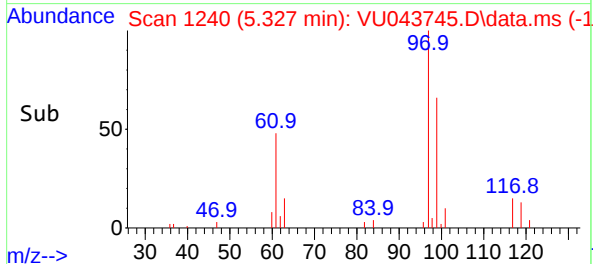
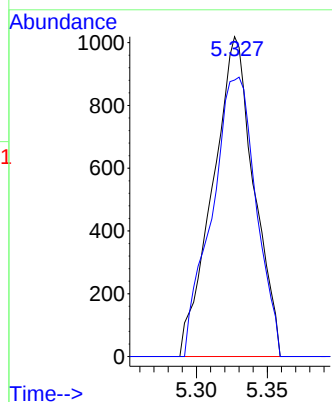
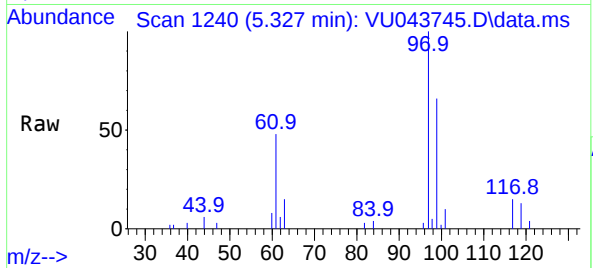




#31
Carbon tetrachloride
Concen: 0.57 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.206 min
Lab File: VU043745.D
Acq: 14 May 2021 10:55

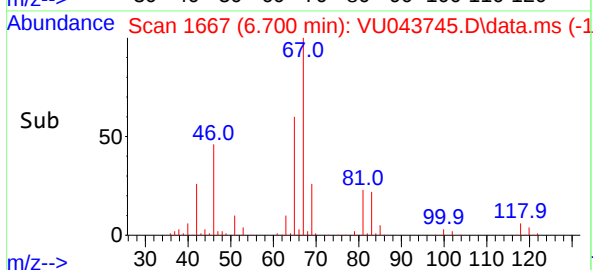
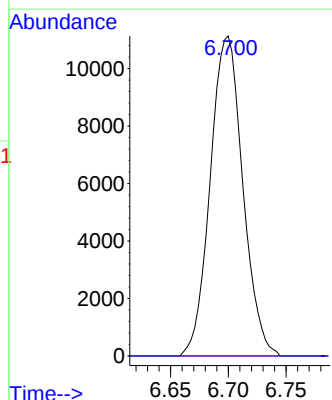
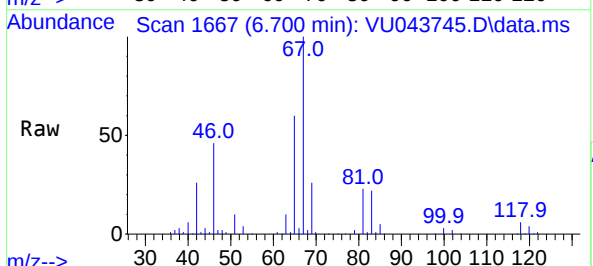
Instrument :
MSVOA_U
ClientSampled :

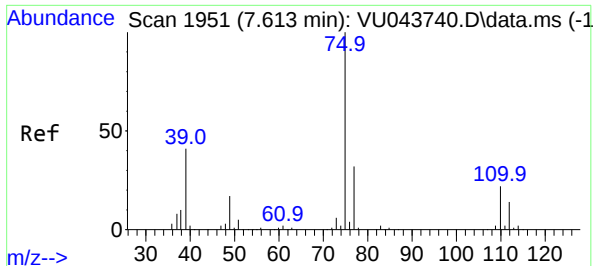
Tgt Ion:117 Resp: 2066
Ion Ratio Lower Upper
117 100
119 93.4 77.0 115.6



#37
1,2-Dichloropropane
Concen: 6.50 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.097 min
Lab File: VU043745.D
Acq: 14 May 2021 10:55

Tgt Ion: 63 Resp: 21812
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



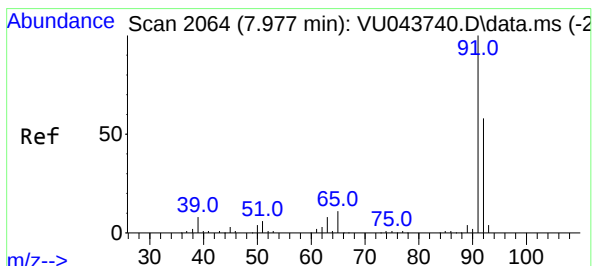
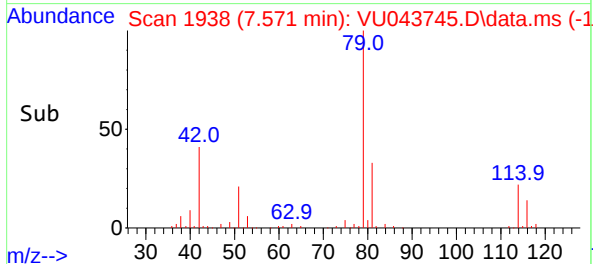
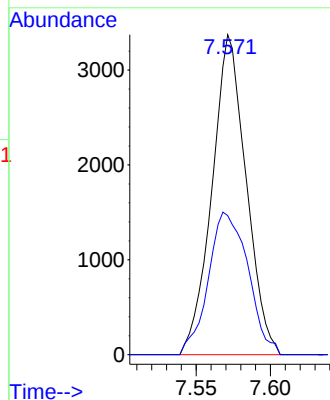
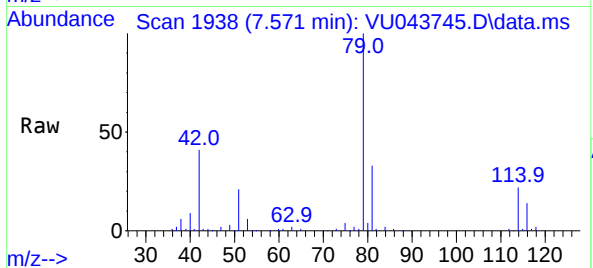


#39

cis-1,3-Dichloropropene
Concen: 1.18 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU043745.D
Acq: 14 May 2021 10:55

Instrument :
MSVOA_U
ClientSampled :

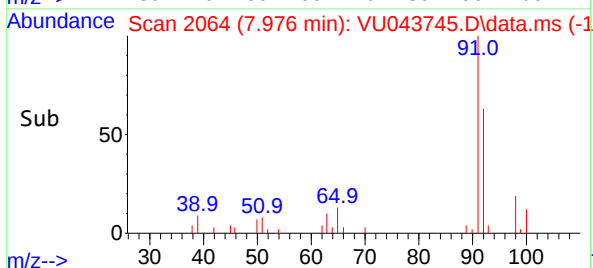
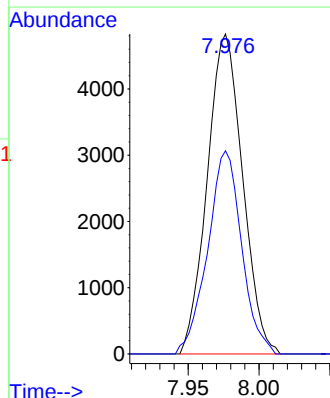
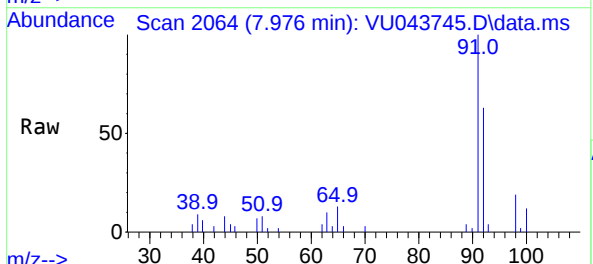
Tgt Ion: 75 Resp: 5395
Ion Ratio Lower Upper
75 100
77 43.4 22.0 41.0#

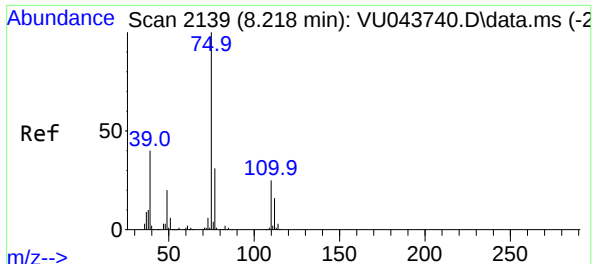


#42

Toluene
Concen: 0.65 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043745.D
Acq: 14 May 2021 10:55

Tgt Ion: 91 Resp: 8389
Ion Ratio Lower Upper
91 100
92 63.5 39.7 73.7

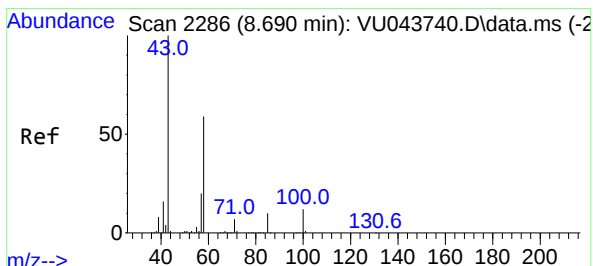
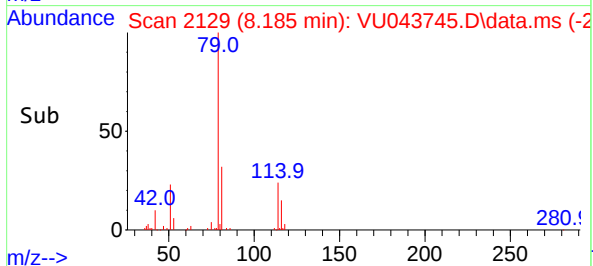
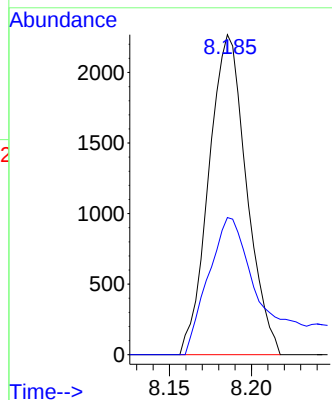
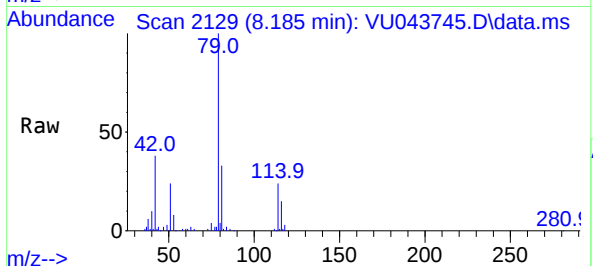




#44
trans-1,3-Dichloropropene
Concen: 0.84 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU043745.D
Acq: 14 May 2021 10:55

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 3620
Ion Ratio Lower Upper
75 100
77 42.9 22.4 41.6#



#48
2-Hexanone
Concen: 1.70 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VU043745.D
Acq: 14 May 2021 10:55

Tgt Ion: 43 Resp: 6885
Ion Ratio Lower Upper
43 100
58 49.9 46.2 69.2
57 15.8 15.9 23.9#
100 10.3 9.0 13.6

