

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051719.D
 Acq On : 03 Nov 2022 03:33
 Operator : JC/MD
 Sample : N5301-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWN4

Quant Time: Nov 03 04:31:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 03 03:06:09 2022
 Response via : Initial Calibration

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

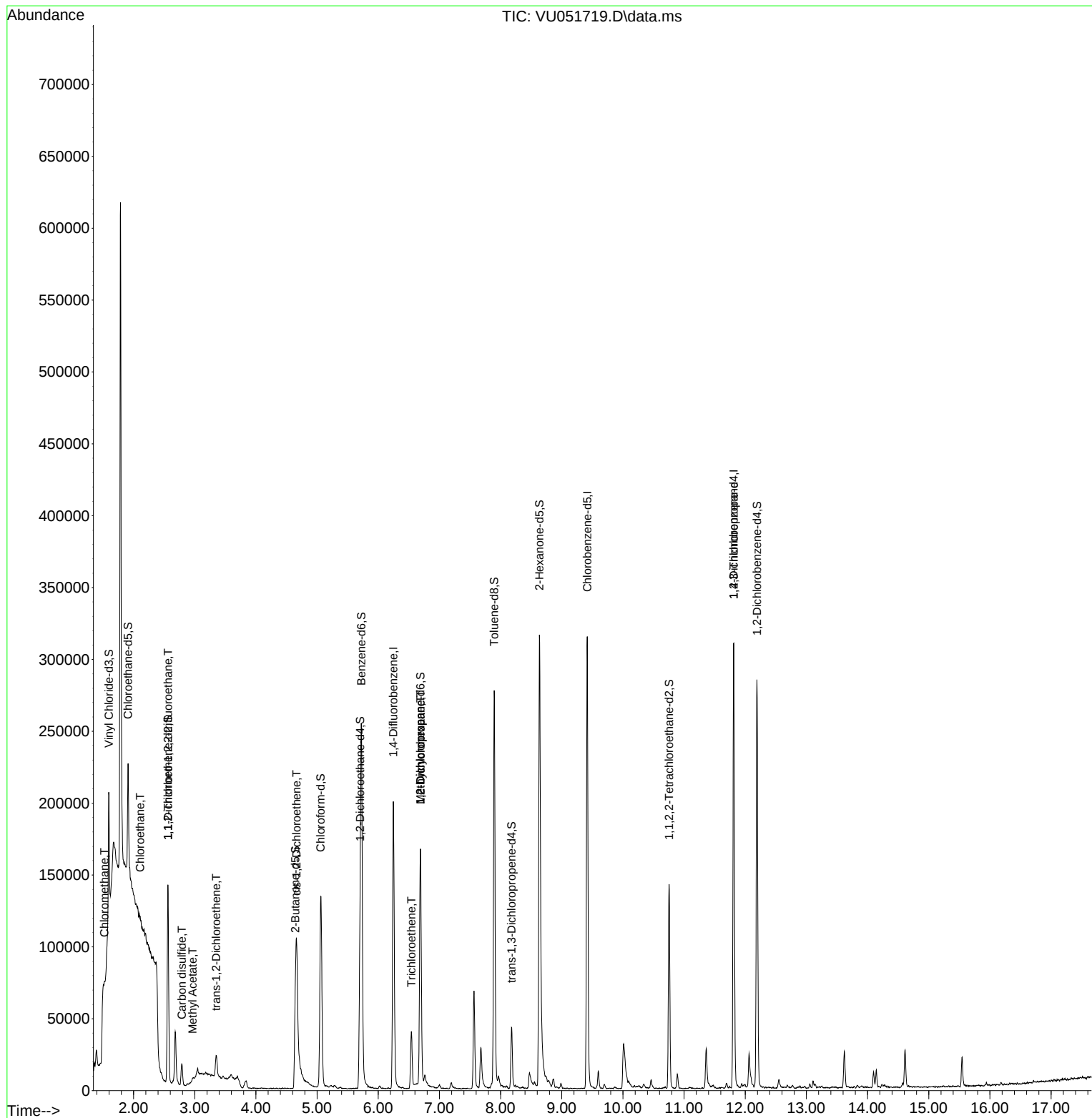
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	165153	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	183724	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	86997	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	62544	5.028	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	100.600%	
7) Chloroethane-d5	1.909	69	56738	4.374	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.400%	
11) 1,1-Dichloroethene-d2	2.562	65	25764	5.707	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	114.200%	
20) 2-Butanone-d5	4.645	46	128462	28.517	ug/L	0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	57.040%	
24) Chloroform-d	5.060	84	132168	4.541	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
26) 1,2-Dichloroethane-d4	5.703	65	64586	4.108	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.200%	
32) Benzene-d6	5.726	84	245289	4.231	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.600%	
36) 1,2-Dichloropropane-d6	6.690	67	85068	4.196	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.000%	
41) Toluene-d8	7.896	98	192446	4.221	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.400%	
43) trans-1,3-Dichloroprop...	8.179	79	25512	4.116	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.400%	
46) 2-Hexanone-d5	8.636	63	118063	31.638	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	63.280%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	75712	4.075	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	81.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	78369	4.908	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.200%	
Target Compounds						Qvalue
3) Chloromethane	1.523	50	5043	0.221	ug/L #	65
8) Chloroethane	2.108	64	4978	0.376	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	722	0.051	ug/L #	19
14) Carbon disulfide	2.790	76	21689	0.469	ug/L	100
15) Methyl Acetate	2.964	43	1385	0.231	ug/L #	74
18) trans-1,2-Dichloroethene	3.350	96	6442	0.418	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	35241	2.067	ug/L	99
34) Trichloroethene	6.542	95	14258	0.815	ug/L	95
35) Methylcyclohexane	6.690	83	19049	0.787	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	9149	0.491	ug/L #	89
61) 1,2,3-Trichloropropane	11.812	75	9921	0.882	ug/L #	69

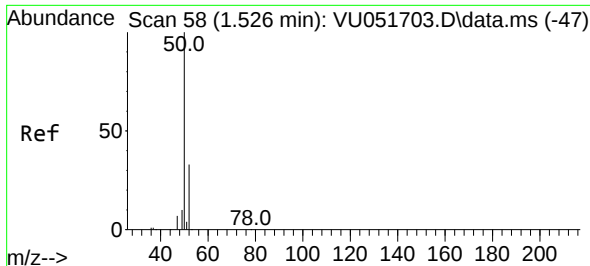
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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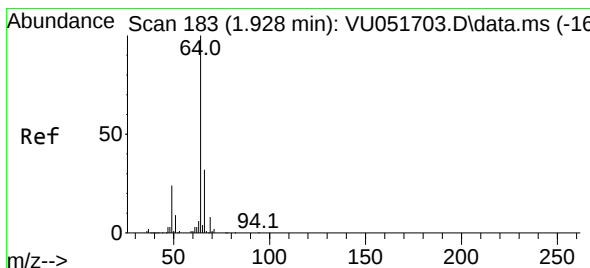
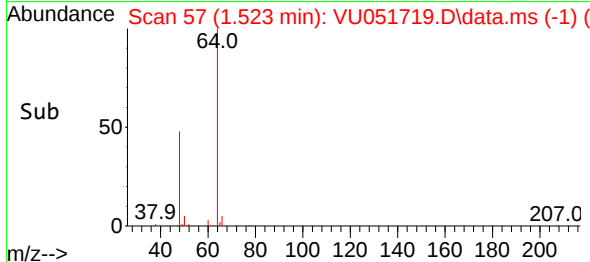
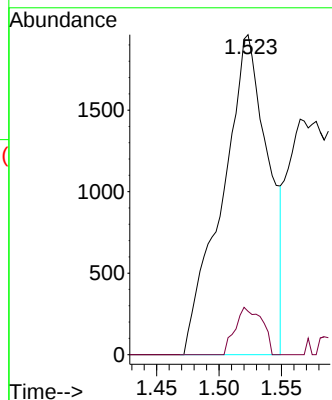
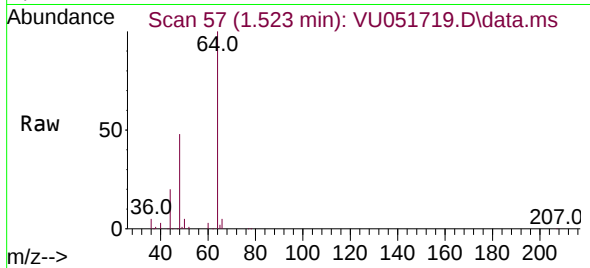




#3
Chloromethane
Concen: 0.221 ug/L
RT: 1.523 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU051719.D
Acq: 03 Nov 2022 03:33

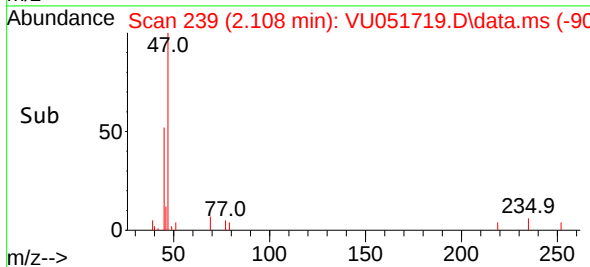
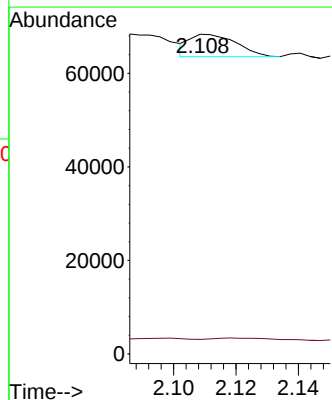
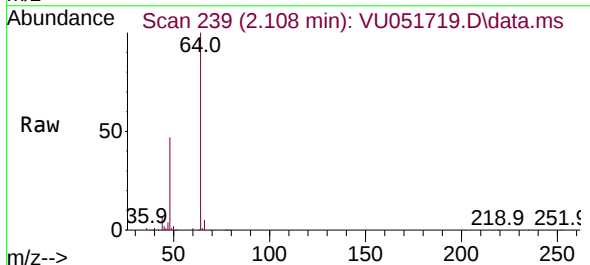
Instrument :
MSVOA_U
ClientSampleId :
DBWN4

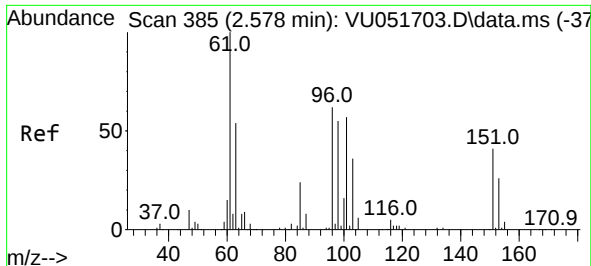
Tgt Ion: 50 Resp: 5043
Ion Ratio Lower Upper
50 100
52 13.6 23.2 43.2#



#8
Chloroethane
Concen: 0.376 ug/L
RT: 2.108 min Scan# 239
Delta R.T. 0.180 min
Lab File: VU051719.D
Acq: 03 Nov 2022 03:33

Tgt Ion: 64 Resp: 4978
Ion Ratio Lower Upper
64 100
66 4.6 22.3 41.5#

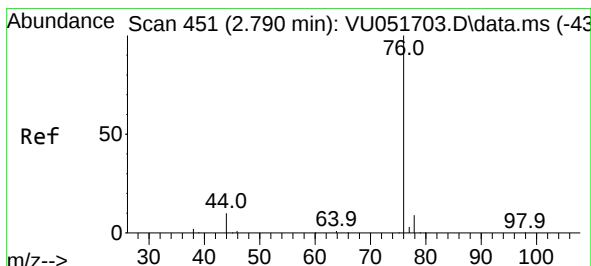
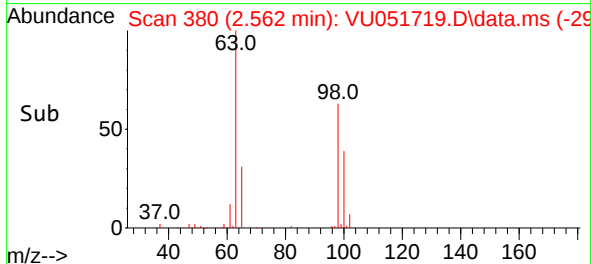
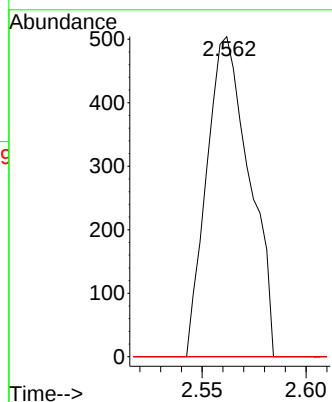
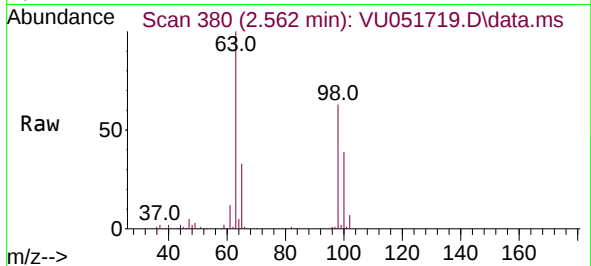




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.051 ug/L
 RT: 2.562 min Scan# 385
 Delta R.T. -0.016 min
 Lab File: VU051719.D
 Acq: 03 Nov 2022 03:33

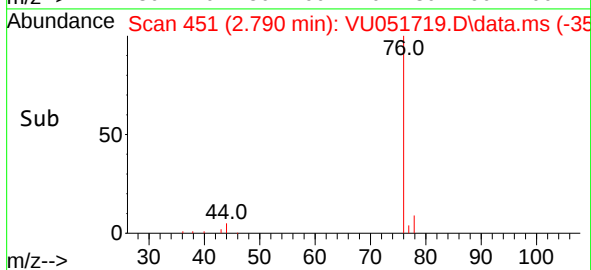
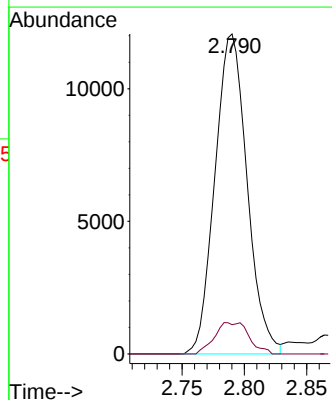
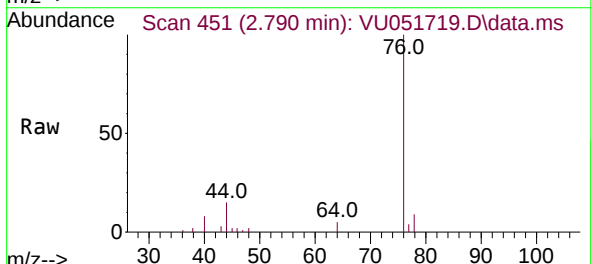
Instrument :
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 ClientSampleId :
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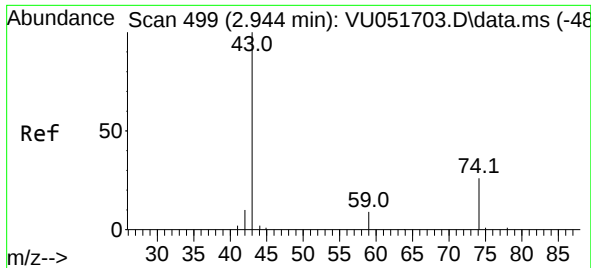
Tgt Ion:101 Resp: 722
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 59.6 89.4#



#14
 Carbon disulfide
 Concen: 0.469 ug/L
 RT: 2.790 min Scan# 451
 Delta R.T. -0.000 min
 Lab File: VU051719.D
 Acq: 03 Nov 2022 03:33

Tgt Ion: 76 Resp: 21689
 Ion Ratio Lower Upper
 76 100
 78 9.1 7.4 11.2

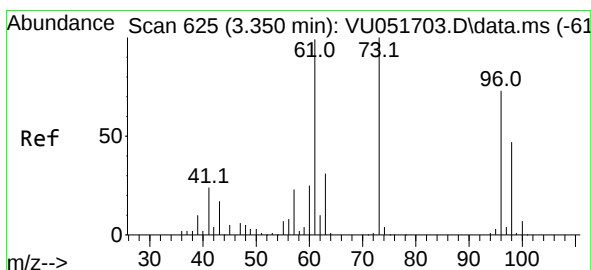
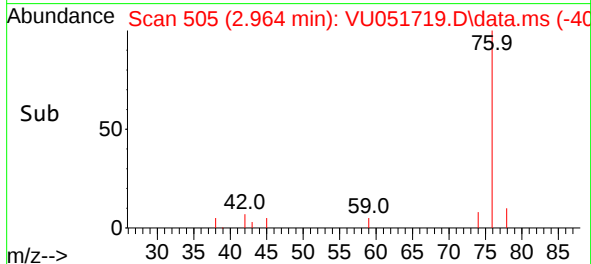
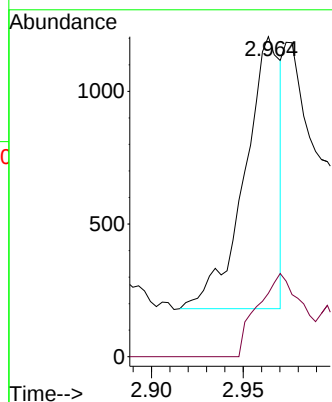
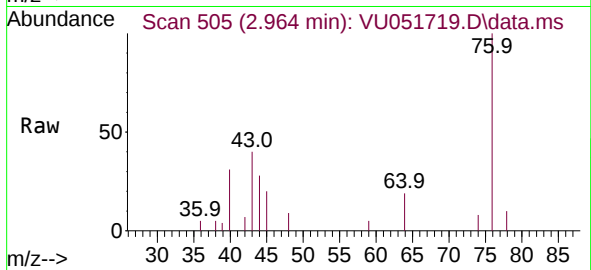




#15
Methyl Acetate
Concen: 0.231 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.019 min
Lab File: VU051719.D
Acq: 03 Nov 2022 03:33

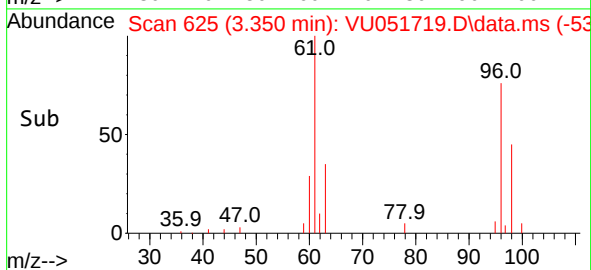
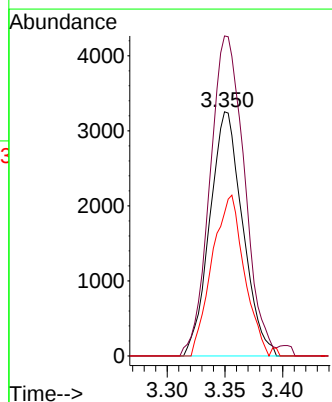
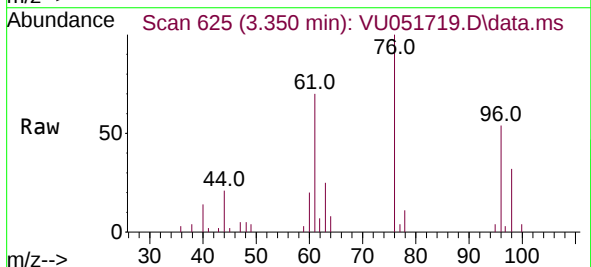
Instrument :
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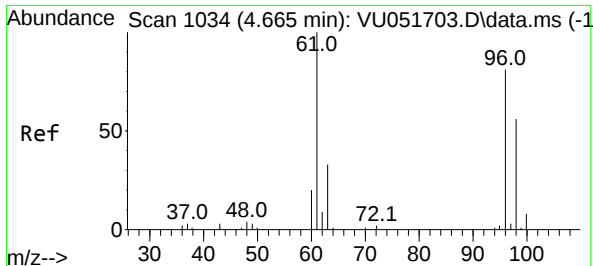
Tgt Ion: 43 Resp: 1385
Ion Ratio Lower Upper
43 100
74 38.3 20.2 30.4#



#18
trans-1,2-Dichloroethene
Concen: 0.418 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.000 min
Lab File: VU051719.D
Acq: 03 Nov 2022 03:33

Tgt Ion: 96 Resp: 6442
Ion Ratio Lower Upper
96 100
61 131.0 94.7 175.9
98 58.6 44.2 82.0

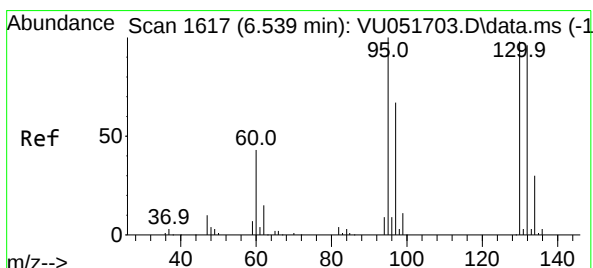
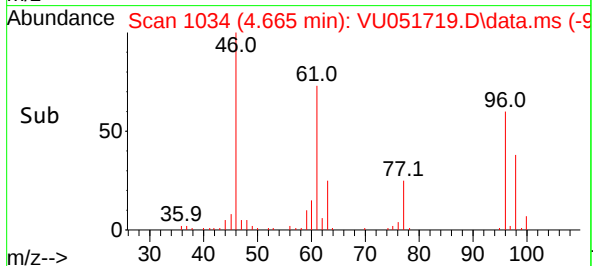
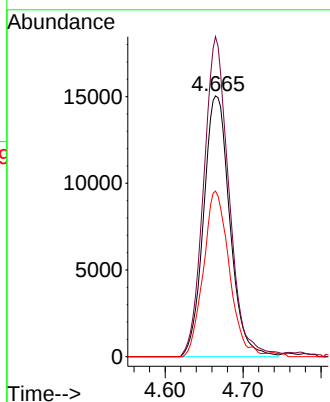
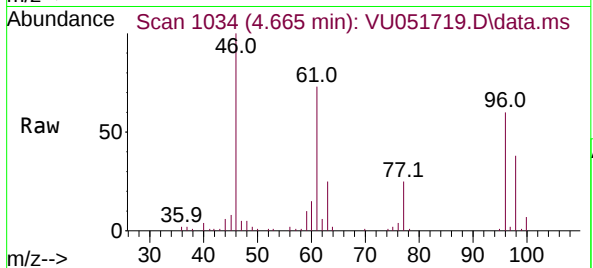




#22
 cis-1,2-Dichloroethene
 Concen: 2.067 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU051719.D
 Acq: 03 Nov 2022 03:33

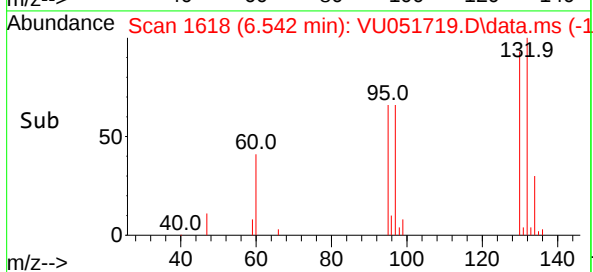
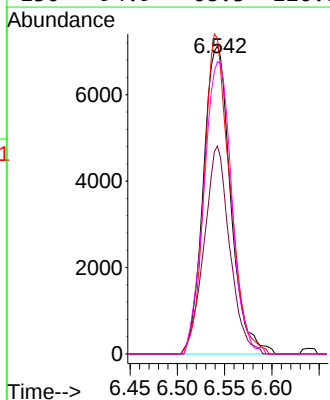
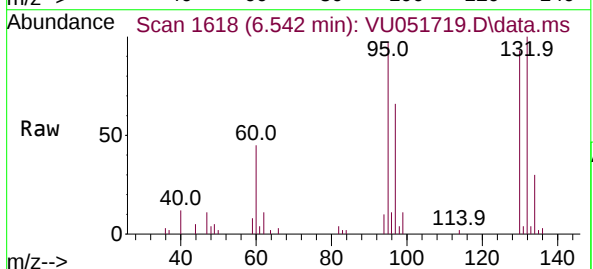
Instrument :
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 ClientSampleId :
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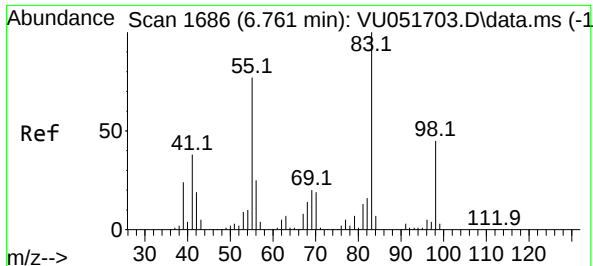
Tgt Ion:	96	Resp:	35241
Ion	Ratio	Lower	Upper
96	100		
61	122.7	86.4	160.4
98	63.5	44.2	82.2



#34
 Trichloroethene
 Concen: 0.815 ug/L
 RT: 6.542 min Scan# 1618
 Delta R.T. 0.003 min
 Lab File: VU051719.D
 Acq: 03 Nov 2022 03:33

Tgt Ion:	95	Resp:	14258
Ion	Ratio	Lower	Upper
95	100		
97	67.5	45.2	84.0
132	102.6	66.5	123.5
130	94.9	68.3	126.8

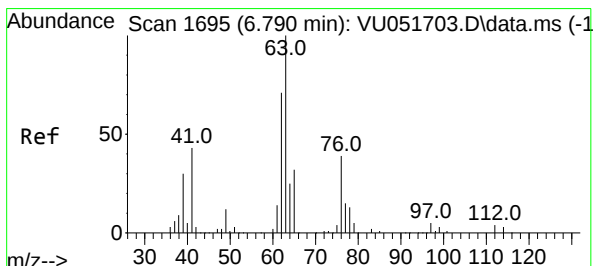
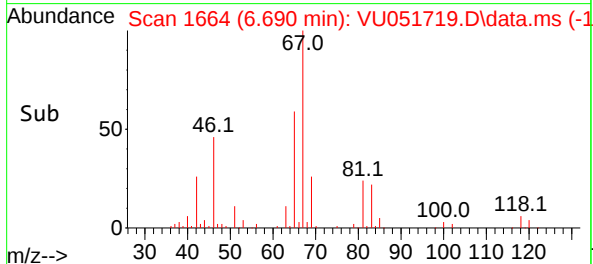
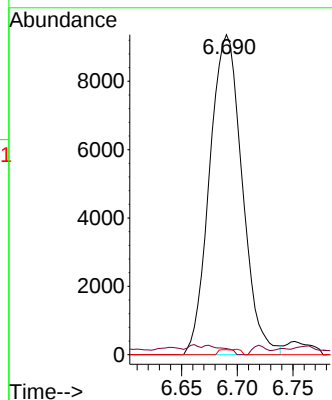
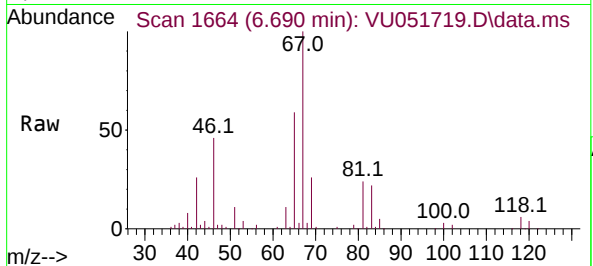




#35
Methylcyclohexane
Concen: 0.787 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU051719.D
Acq: 03 Nov 2022 03:33

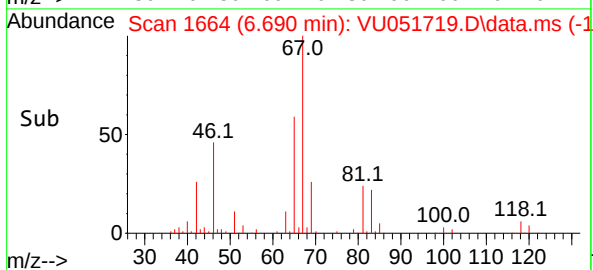
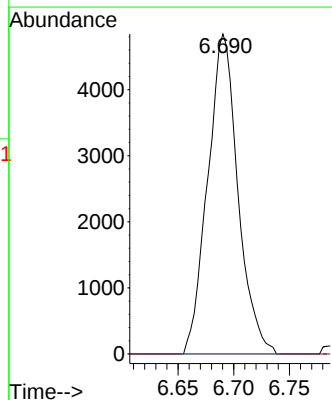
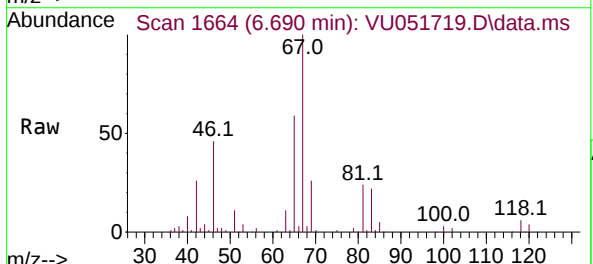
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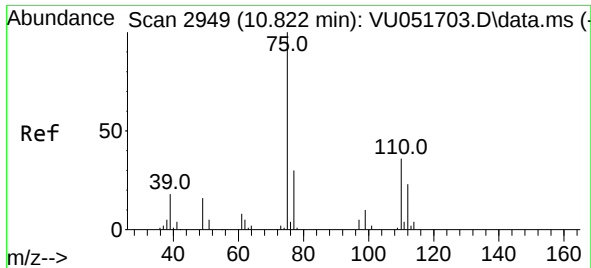
Tgt Ion: 83 Resp: 19049
Ion Ratio Lower Upper
83 100
55 1.8 60.6 90.8#
98 1.0 35.8 53.6#



#37
1,2-Dichloropropane
Concen: 0.491 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU051719.D
Acq: 03 Nov 2022 03:33

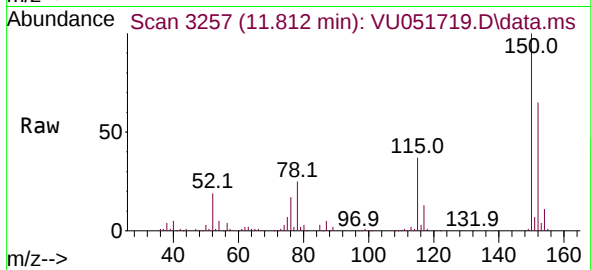
Tgt Ion: 63 Resp: 9149
Ion Ratio Lower Upper
63 100
112 0.4 3.3 4.9#





#61
 1,2,3-Trichloropropane
 Concen: 0.882 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU051719.D
 Acq: 03 Nov 2022 03:33

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 75 Resp: 9921
 Ion Ratio Lower Upper
 75 100
 110 1.5 28.7 43.1#
 77 32.9 26.1 39.1

