

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112022\
 Data File : VU051984.D
 Acq On : 20 Nov 2022 19:32
 Operator : JC/MD
 Sample : N5710-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KY8

Quant Time: Nov 21 01:03:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 18 00:53:49 2022
 Response via : Initial Calibration

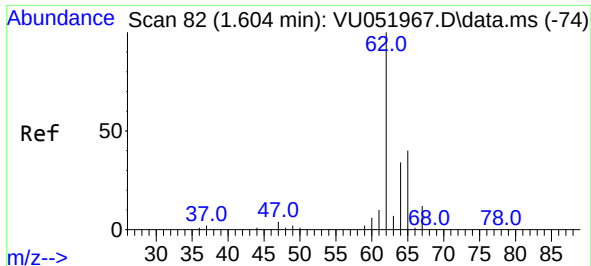
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	468019	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	457956	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	166891	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	81774	35.590	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.180%
7) Chloroethane-d5	1.903	69	95261	41.381	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.760%
11) 1,1-Dichloroethene-d2	2.578	63	482174	117.026	ug/L	0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	234.060%#
21) 2-Butanone-d5	4.617	46	253686	97.098	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.100%
24) Chloroform-d	5.060	84	249342	43.291	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.580%
26) 1,2-Dichloroethane-d4	5.700	65	159909	45.354	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.700%
32) Benzene-d6	5.726	84	442792	46.372	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.740%
36) 1,2-Dichloropropane-d6	6.687	67	176219	49.580	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.160%
41) Toluene-d8	7.896	98	327676	41.809	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.620%
43) trans-1,3-Dichloroprop...	8.176	79	57988	40.961	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.920%
47) 2-Hexanone-d5	8.629	63	167164	92.542	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.540%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	321331	46.452	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.900%
66) 1,2-Dichlorobenzene-d4	12.189	152	155350	52.894	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.780%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	47450	11.988	ug/L	87
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	2516	0.842	ug/L #	28
12) 1,1-Dichloroethene	2.578	96	742416	266.181	ug/L #	83
13) Acetone	2.626	43	8519	3.048	ug/L	99
14) Carbon disulfide	2.793	76	3694	0.478	ug/L	98
16) Methylene chloride	3.047	84	6082	1.366	ug/L	95
17) trans-1,2-Dichloroethene	3.359	96	1846	0.614	ug/L	89
19) 1,1-Dichloroethane	3.867	63	124909	20.418	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	643124	183.337	ug/L	100
27) 1,2-Dichloroethane	5.797	62	10855	2.301	ug/L	99
34) Trichloroethene	6.539	95	6886452	2206.597	ug/L	96
39) cis-1,3-Dichloropropene	7.565	75	3538	0.725	ug/L #	65
46) Tetrachloroethene	8.552	164	138954	55.752	ug/L	97
60) 1,2,3-Trichloropropane	11.809	75	18951	4.747	ug/L #	68

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

Quant Time: Nov 21 01:03:22 2022
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Quant Title : VOC Analysis
QLast Update : Fri Nov 18 00:53:49 2022
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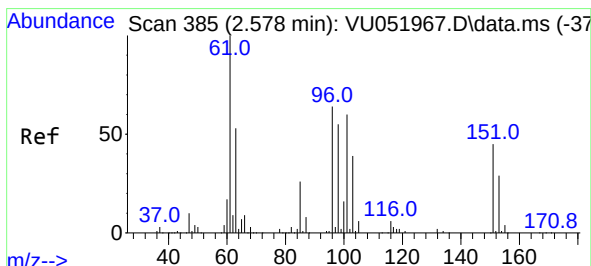
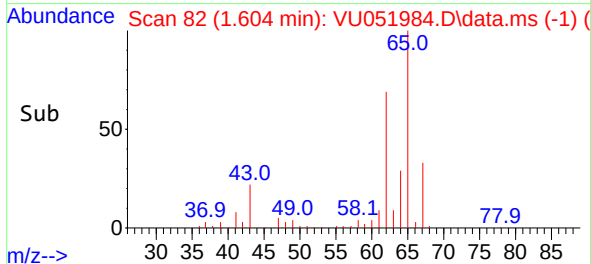
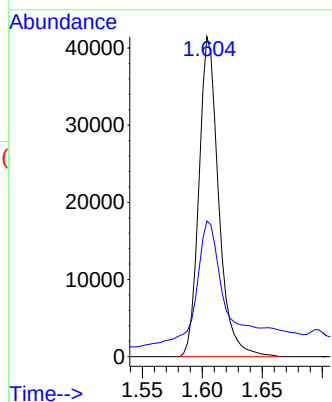
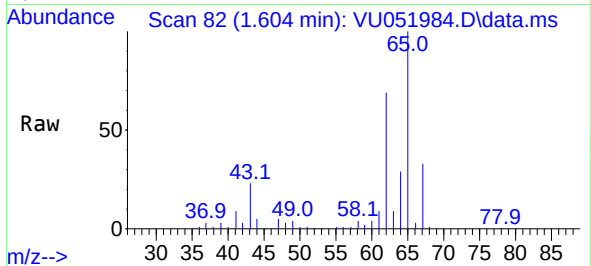




#5
 Vinyl chloride
 Concen: 11.988 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051984.D
 Acq: 20 Nov 2022 19:32

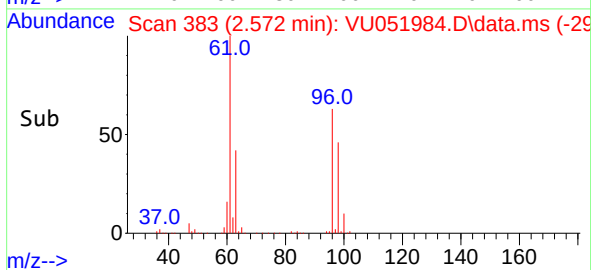
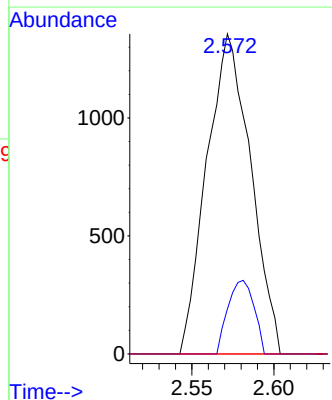
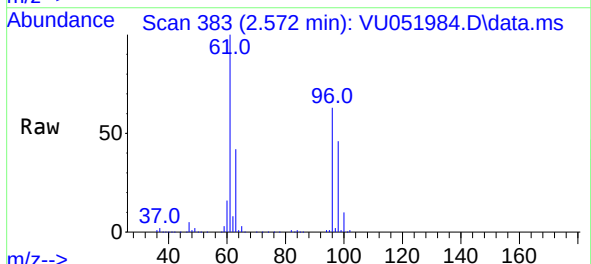
Instrument :
 MSVOA_U
 ClientSampleId :
 C0KY8

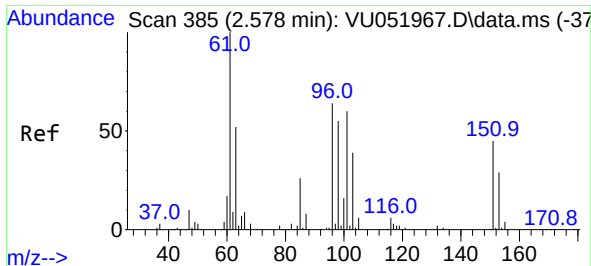
Tgt Ion: 62 Resp: 47450
 Ion Ratio Lower Upper
 62 100
 64 42.4 24.3 45.1



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.842 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.003 min
 Lab File: VU051984.D
 Acq: 20 Nov 2022 19:32

Tgt Ion: 101 Resp: 2516
 Ion Ratio Lower Upper
 101 100
 85 13.6 34.2 51.2#
 151 0.0 58.3 87.5#

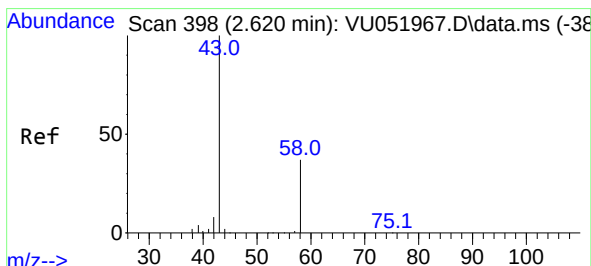
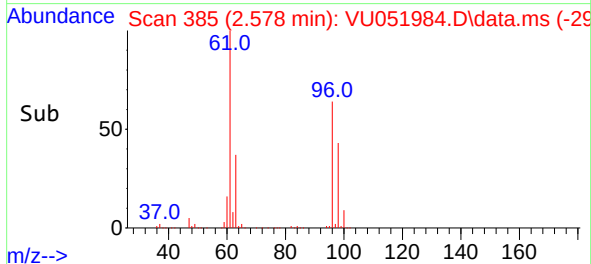
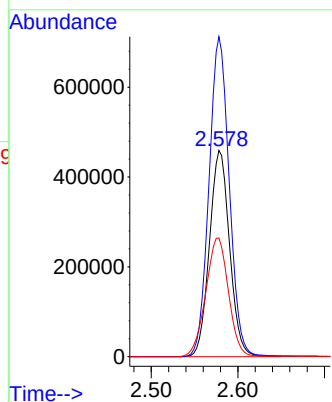
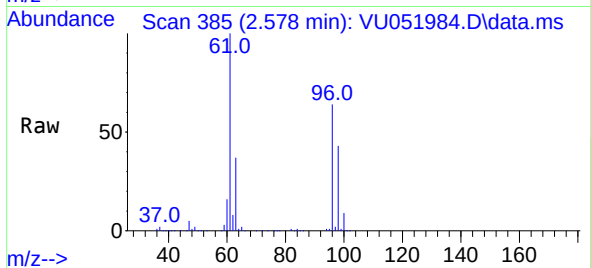




#12
1,1-Dichloroethene
Concen: 266.181 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU051984.D
Acq: 20 Nov 2022 19:32

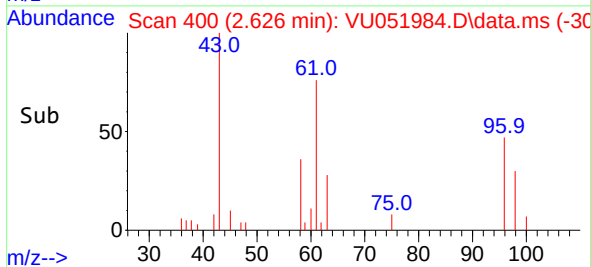
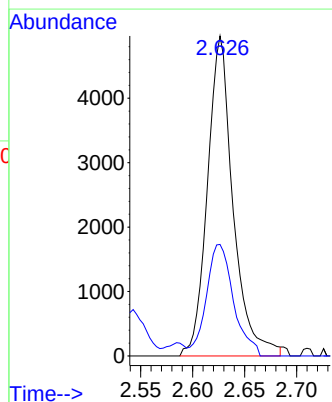
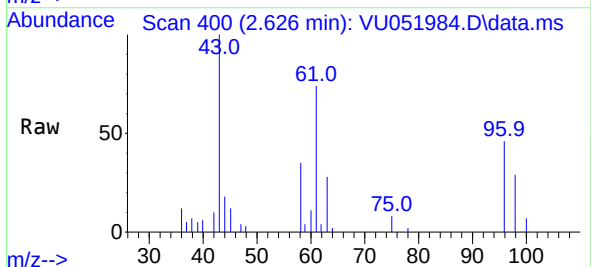
Instrument :
MSVOA_U
ClientSampleId :
C0KY8

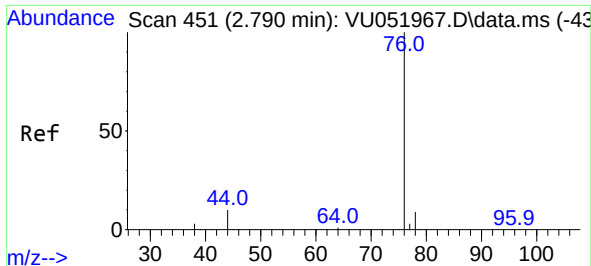
Tgt Ion: 96 Resp: 742416
Ion Ratio Lower Upper
96 100
61 155.2 110.7 205.5
63 57.6 68.6 127.4#



#13
Acetone
Concen: 3.048 ug/L
RT: 2.626 min Scan# 400
Delta R.T. 0.006 min
Lab File: VU051984.D
Acq: 20 Nov 2022 19:32

Tgt Ion: 43 Resp: 8519
Ion Ratio Lower Upper
43 100
58 37.0 0.0 75.4

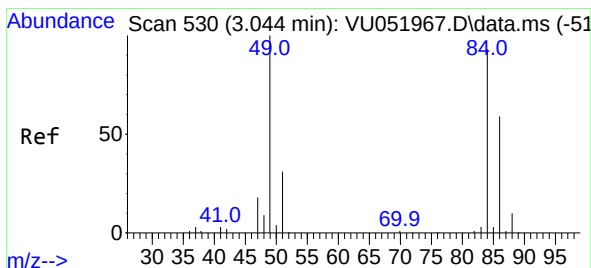
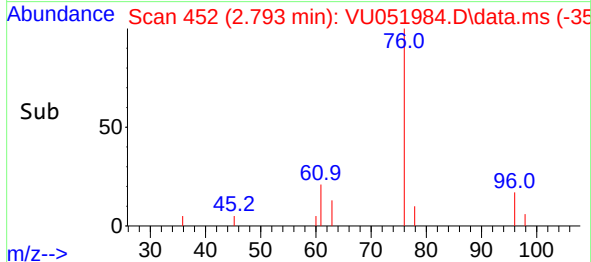
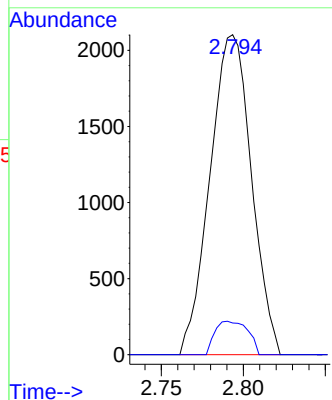
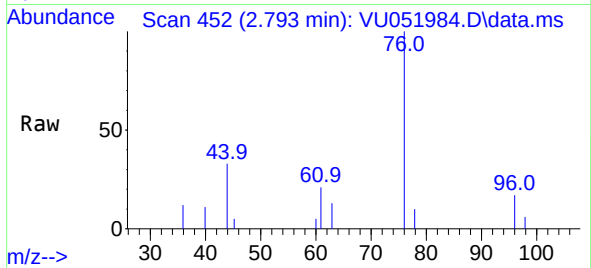




#14
Carbon disulfide
Concen: 0.478 ug/L
RT: 2.793 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU051984.D
Acq: 20 Nov 2022 19:32

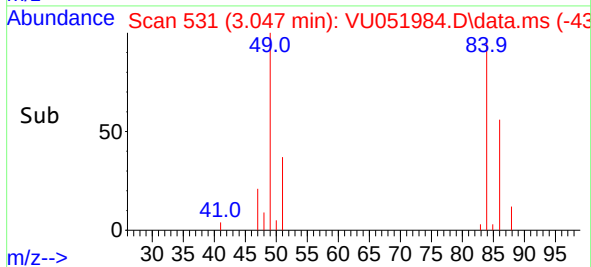
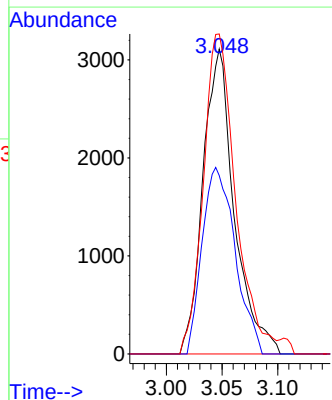
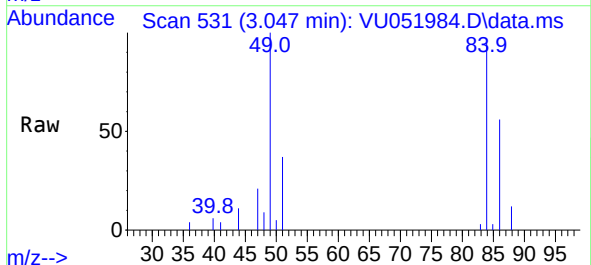
Instrument :
MSVOA_U
ClientSampleId :
C0KY8

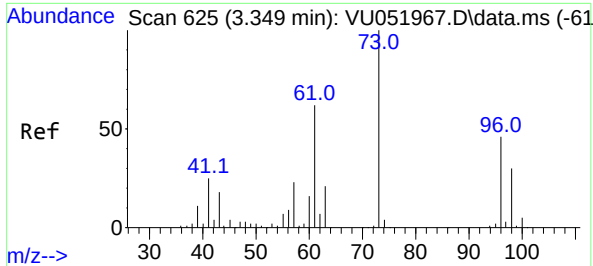
Tgt Ion: 76 Resp: 3694
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



#16
Methylene chloride
Concen: 1.366 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.006 min
Lab File: VU051984.D
Acq: 20 Nov 2022 19:32

Tgt Ion: 84 Resp: 6082
Ion Ratio Lower Upper
84 100
86 58.5 44.7 82.9
49 104.9 76.5 142.1

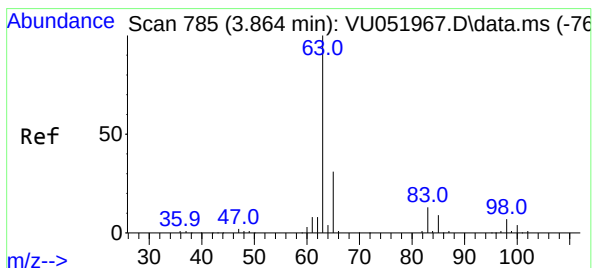
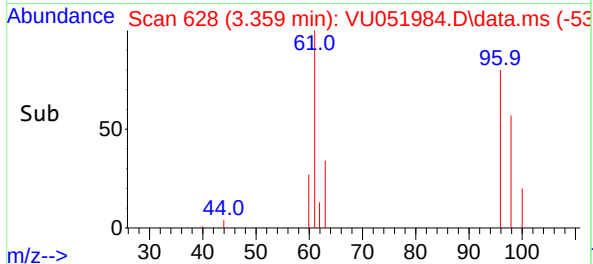
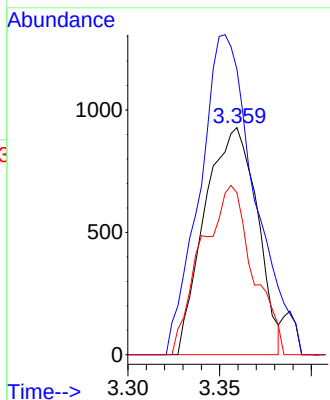
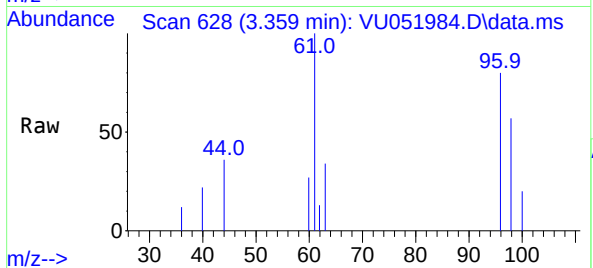




#17
trans-1,2-Dichloroethene
Concen: 0.614 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.010 min
Lab File: VU051984.D
Acq: 20 Nov 2022 19:32

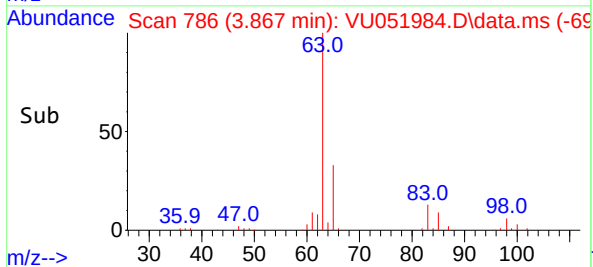
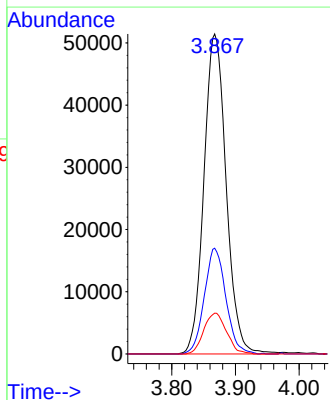
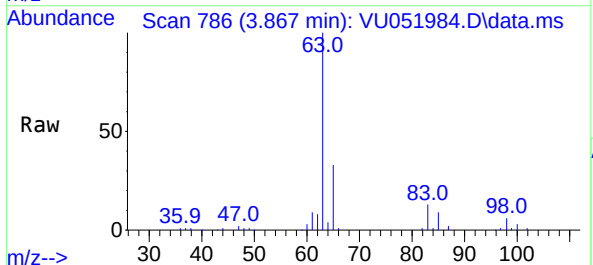
Instrument :
MSVOA_U
ClientSampleId :
C0KY8

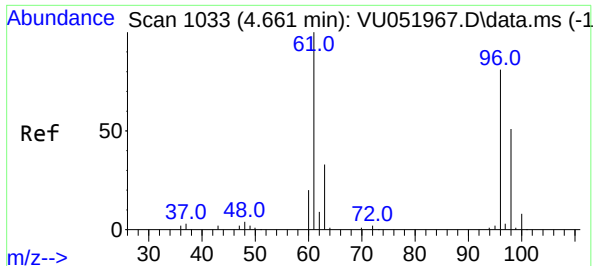
Tgt Ion: 96 Resp: 1846
Ion Ratio Lower Upper
96 100
61 125.8 98.3 182.7
98 71.3 45.5 84.5



#19
1,1-Dichloroethane
Concen: 20.418 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.003 min
Lab File: VU051984.D
Acq: 20 Nov 2022 19:32

Tgt Ion: 63 Resp: 124909
Ion Ratio Lower Upper
63 100
65 33.0 22.2 41.2
83 12.7 9.6 17.8

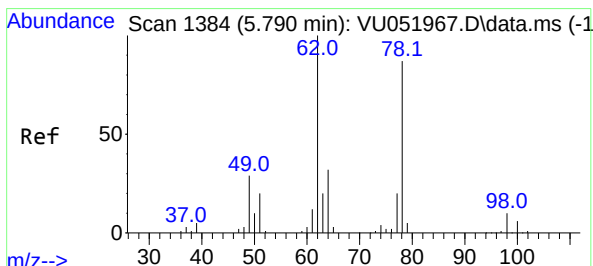
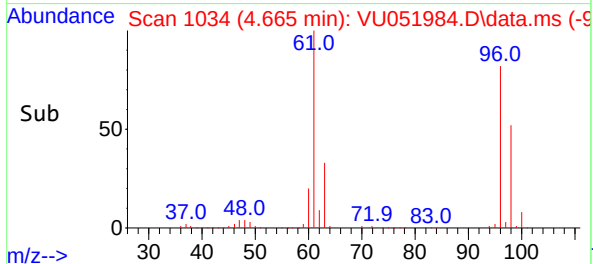
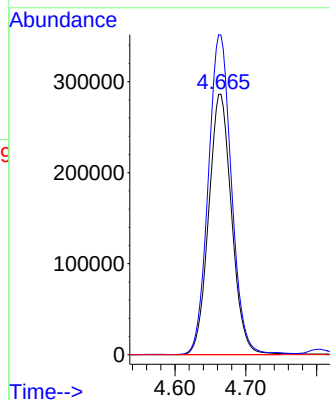
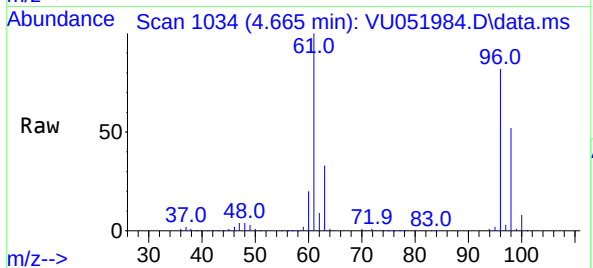




#20
cis-1,2-Dichloroethene
Concen: 183.337 ug/L
RT: 4.665 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU051984.D
Acq: 20 Nov 2022 19:32

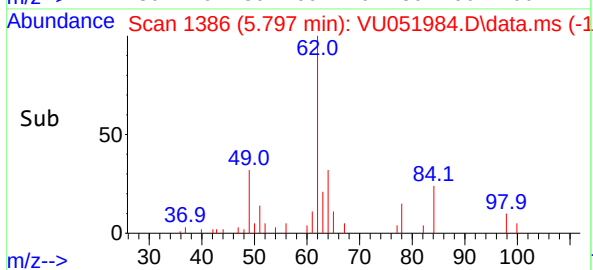
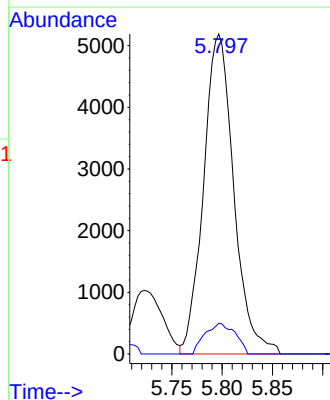
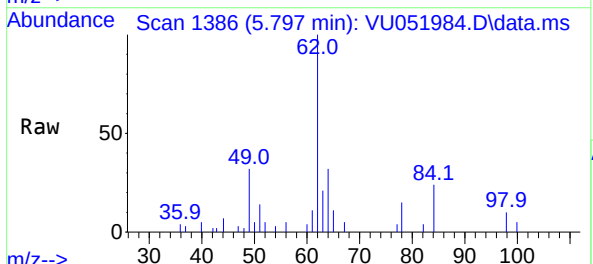
Instrument :
MSVOA_U
ClientSampleId :
C0KY8

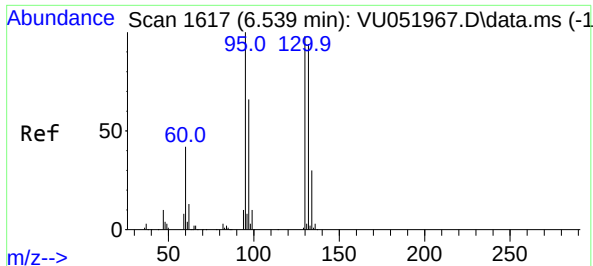
Tgt Ion: 96 Resp: 643124
Ion Ratio Lower Upper
96 100
61 122.7 86.0 159.8
68 0.0 0.0 0.0



#27
1,2-Dichloroethane
Concen: 2.301 ug/L
RT: 5.797 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VU051984.D
Acq: 20 Nov 2022 19:32

Tgt Ion: 62 Resp: 10855
Ion Ratio Lower Upper
62 100
98 9.6 8.1 12.1



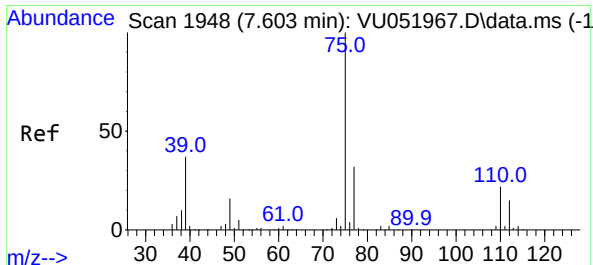
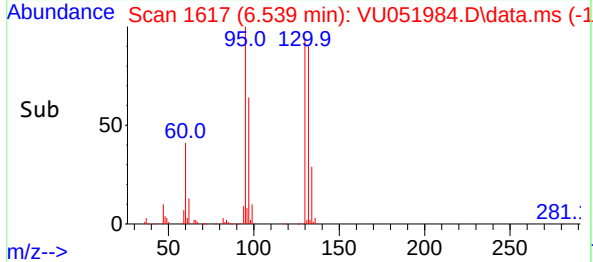
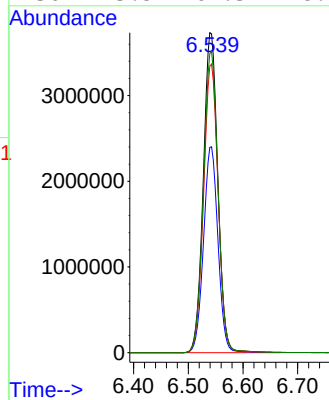
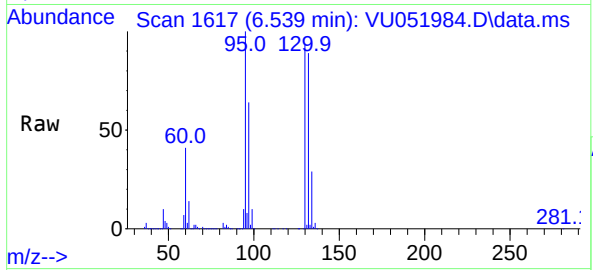


#34
Trichloroethene
Concen: 2206.597 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU051984.D
Acq: 20 Nov 2022 19:32

Instrument :
MSVOA_U
ClientSampleId :
C0KY8

Tgt Ion: 95 Resp: 6886452

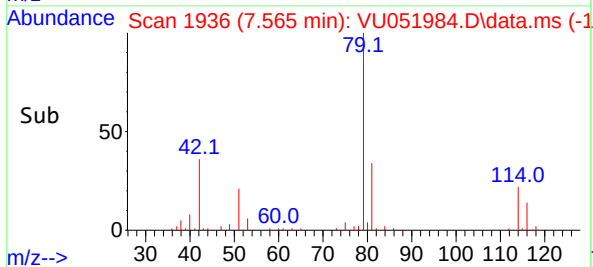
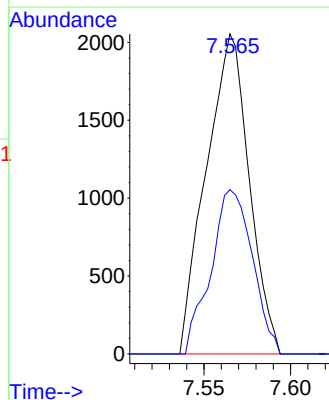
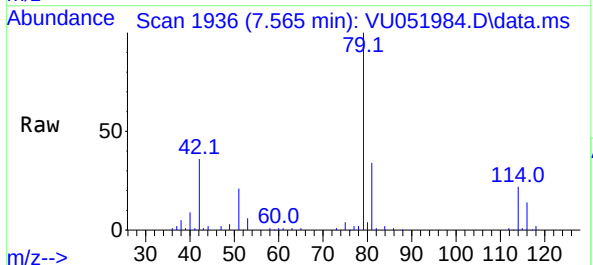
Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.8	85.0
132	89.5	65.3	121.3
130	93.5	69.3	128.7

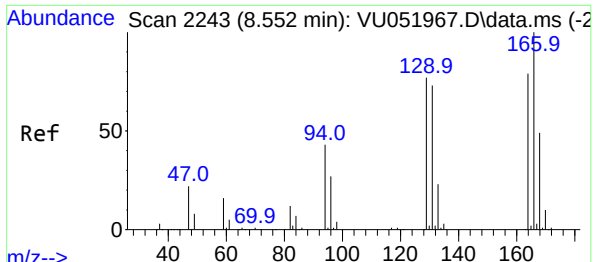


#39
cis-1,3-Dichloropropene
Concen: 0.725 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU051984.D
Acq: 20 Nov 2022 19:32

Tgt Ion: 75 Resp: 3538

Ion	Ratio	Lower	Upper
75	100		
77	51.4	22.5	41.7#



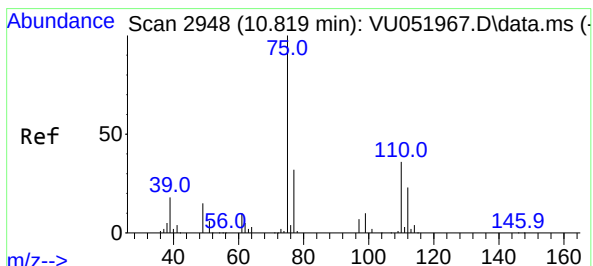
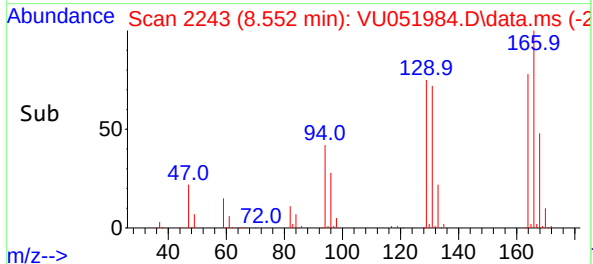
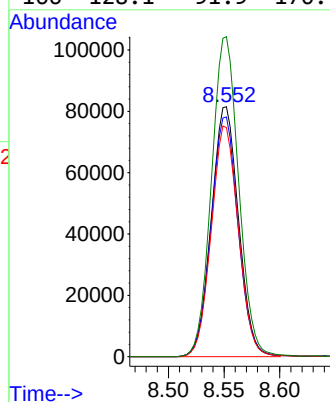
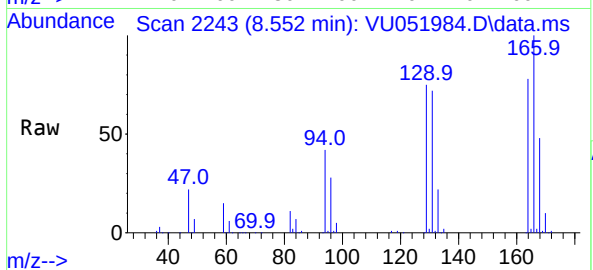


#46
Tetrachloroethene
Concen: 55.752 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051984.D
Acq: 20 Nov 2022 19:32

Instrument :
MSVOA_U
ClientSampleId :
C0KY8

Tgt Ion:164 Resp: 138954

Ion	Ratio	Lower	Upper
164	100		
129	95.9	68.5	127.1
131	91.7	66.6	123.8
166	128.1	91.9	170.7



#60
1,2,3-Trichloropropane
Concen: 4.747 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU051984.D
Acq: 20 Nov 2022 19:32

Tgt Ion: 75 Resp: 18951

Ion	Ratio	Lower	Upper
75	100		
77	30.6	26.2	39.4
110	2.1	29.0	43.4

