

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081322\
 Data File : VU050326.D
 Acq On : 13 Aug 2022 18:18
 Operator : SY/MD
 Sample : N4115-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

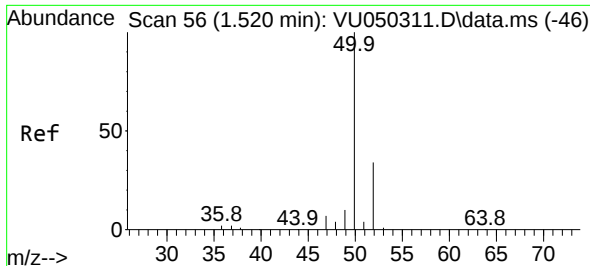
Instrument :
 MSVOA_U
 ClientSampleId :
 F5D81

Quant Time: Aug 14 01:28:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Aug 14 01:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	82005	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	81373	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	31081	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	40184	5.888	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.800%
7) Chloroethane-d5	1.912	69	31337	5.691	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.800%
11) 1,1-Dichloroethene-d2	2.565	65	14168	5.312	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.200%
20) 2-Butanone-d5	4.620	46	96654	58.078	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.160%
24) Chloroform-d	5.063	84	64613	5.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	5.703	65	35408	5.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	5.729	84	126208	4.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.690	67	43466	5.198	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.000%
41) Toluene-d8	7.899	98	97997	4.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.179	79	14009	4.675	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.632	63	57523	54.132	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.260%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	39118	5.327	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	32493	5.336	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	2035	0.207	ug/L	92
5) Vinyl chloride	1.604	62	79765	9.054	ug/L	100
8) Chloroethane	1.935	64	1449	0.279	ug/L #	64
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	420	0.078	ug/L #	22
14) Carbon disulfide	2.793	76	4416	0.218	ug/L	97
15) Methyl Acetate	2.755	43	589	0.233	ug/L #	46
18) trans-1,2-Dichloroethene	3.353	96	7547	1.189	ug/L	95
22) cis-1,2-Dichloroethene	4.668	96	2472	0.351	ug/L	95
27) 1,2-Dichloroethane	5.800	62	977	0.125	ug/L #	73
33) Benzene	5.774	78	13580	0.476	ug/L	100
35) Methylcyclohexane	6.690	83	9741	1.094	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	4439	0.585	ug/L #	89
45) 1,1,2-Trichloroethane	8.272	97	1777	0.313	ug/L #	16
61) 1,2,3-Trichloropropane	11.812	75	3522	0.832	ug/L #	68

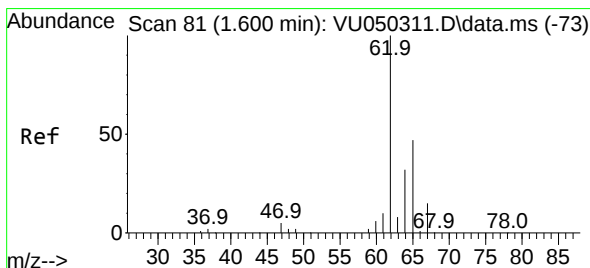
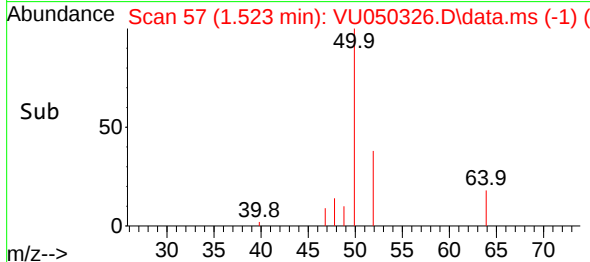
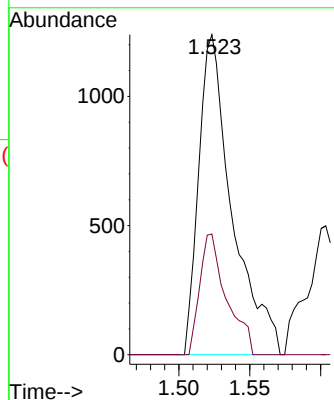
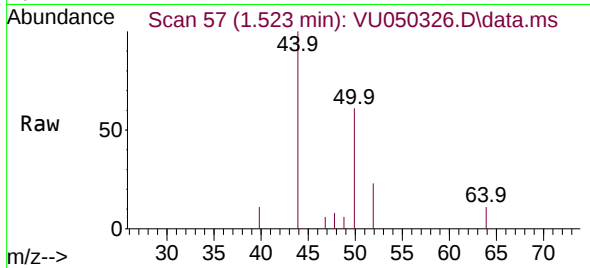
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.207 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU050326.D
Acq: 13 Aug 2022 18:18

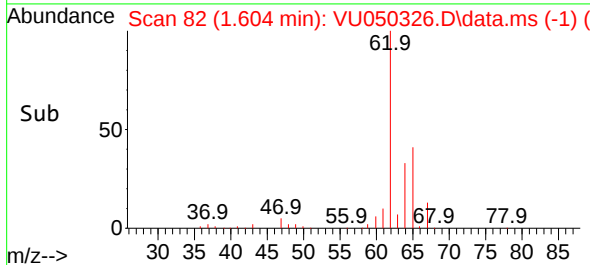
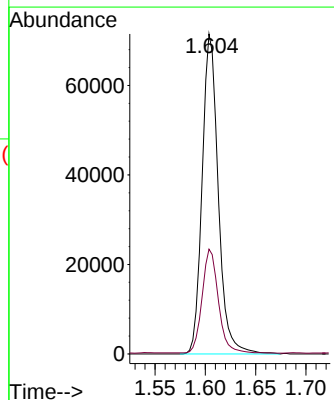
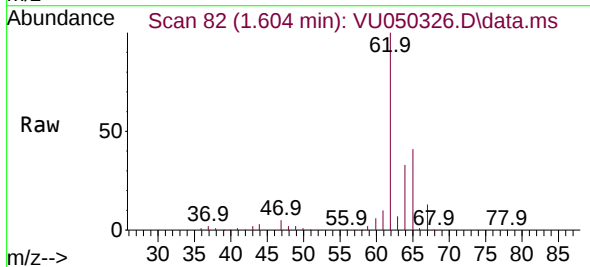
Instrument :
MSVOA_U
ClientSampleId :
F5D81

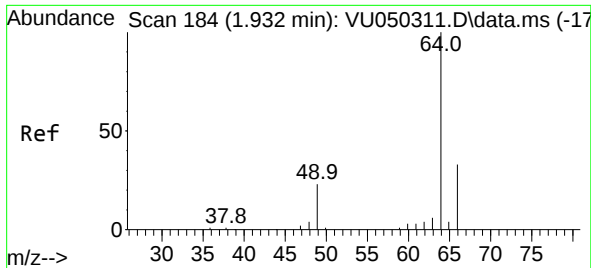
Tgt Ion: 50 Resp: 2035
Ion Ratio Lower Upper
50 100
52 37.7 23.2 43.2



#5
Vinyl chloride
Concen: 9.054 ug/L
RT: 1.604 min Scan# 82
Delta R.T. 0.003 min
Lab File: VU050326.D
Acq: 13 Aug 2022 18:18

Tgt Ion: 62 Resp: 79765
Ion Ratio Lower Upper
62 100
64 32.8 22.8 42.4





#8

Chloroethane

Concen: 0.279 ug/L

RT: 1.935 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU050326.D

Acq: 13 Aug 2022 18:18

Instrument :

MSVOA_U

ClientSampleId :

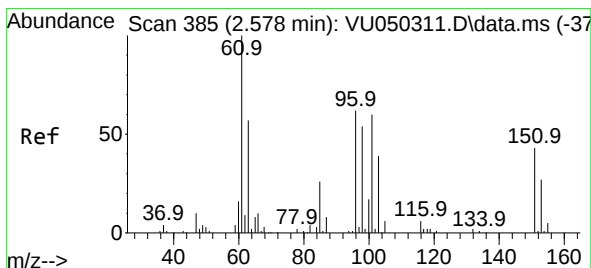
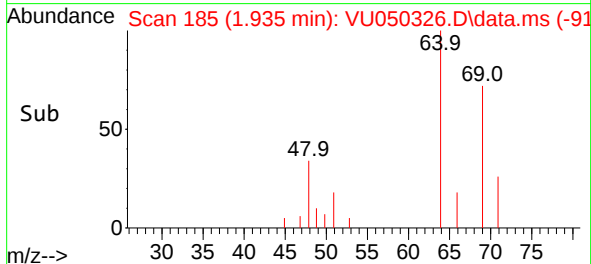
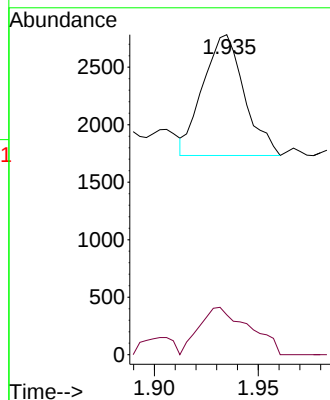
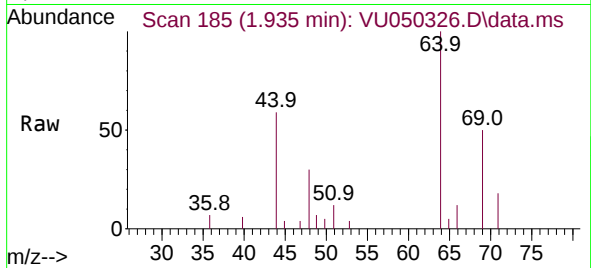
F5D81

Tgt Ion: 64 Resp: 1449

Ion Ratio Lower Upper

64 100

66 12.5 22.8 42.4#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.078 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU050326.D

Acq: 13 Aug 2022 18:18

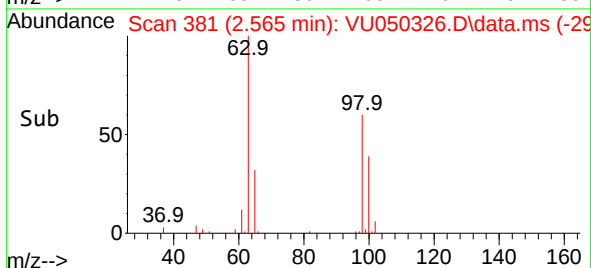
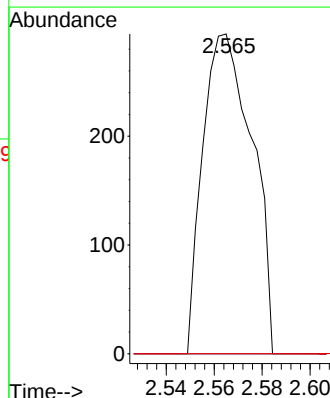
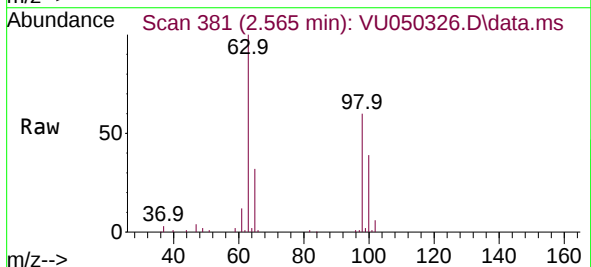
Tgt Ion:101 Resp: 420

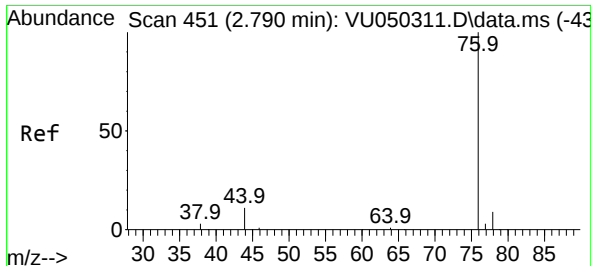
Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 55.2 82.8#

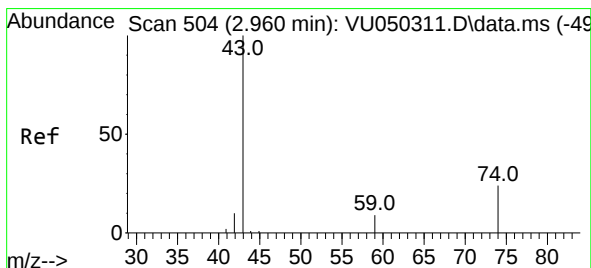
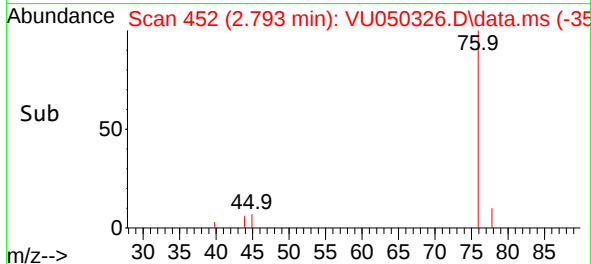
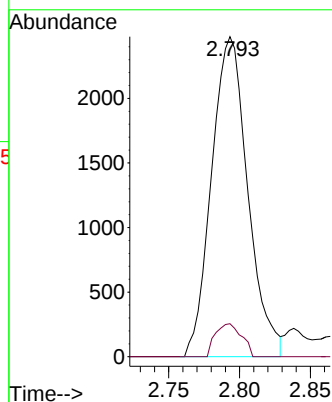
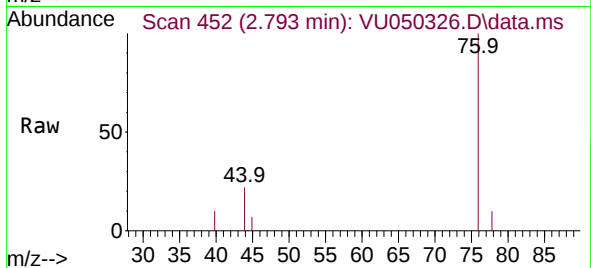




#14
Carbon disulfide
Concen: 0.218 ug/L
RT: 2.793 min Scan# 441
Delta R.T. 0.003 min
Lab File: VU050326.D
Acq: 13 Aug 2022 18:18

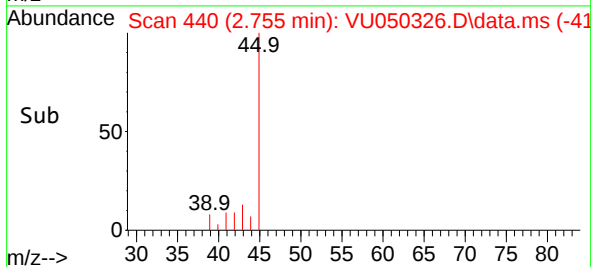
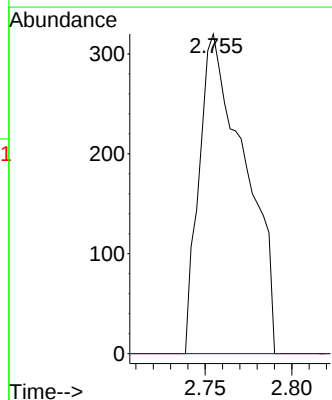
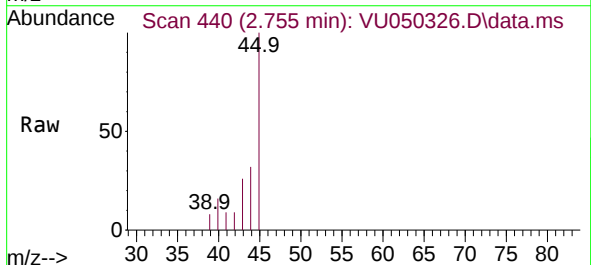
Instrument :
MSVOA_U
ClientSampleId :
F5D81

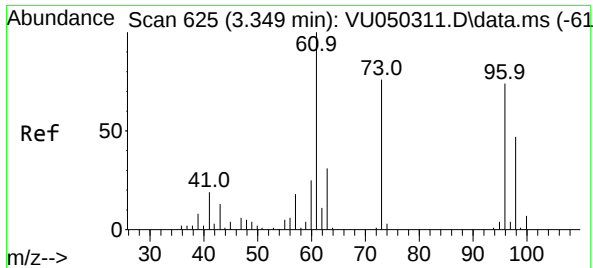
Tgt Ion: 76 Resp: 4416
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0



#15
Methyl Acetate
Concen: 0.233 ug/L
RT: 2.755 min Scan# 440
Delta R.T. -0.206 min
Lab File: VU050326.D
Acq: 13 Aug 2022 18:18

Tgt Ion: 43 Resp: 589
Ion Ratio Lower Upper
43 100
74 0.0 22.7 34.1#

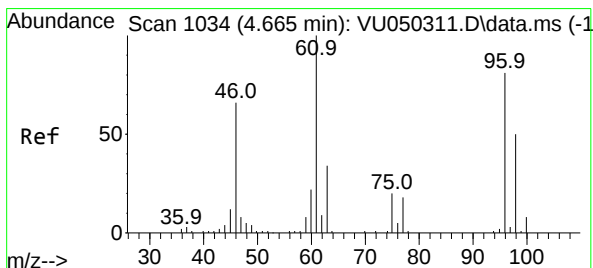
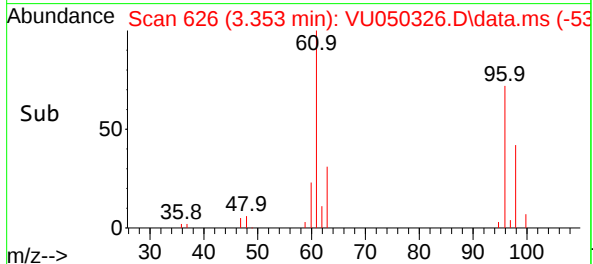
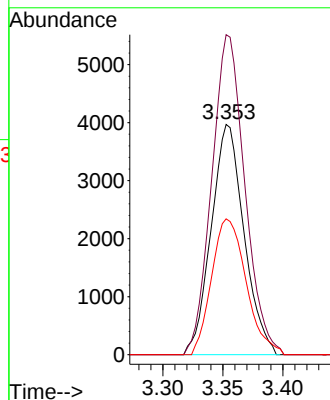
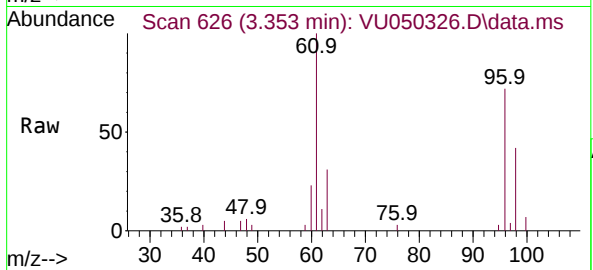




#18
trans-1,2-Dichloroethene
Concen: 1.189 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU050326.D
Acq: 13 Aug 2022 18:18

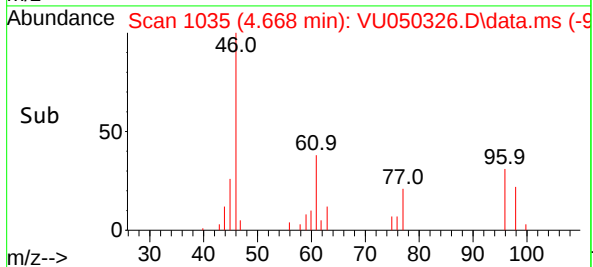
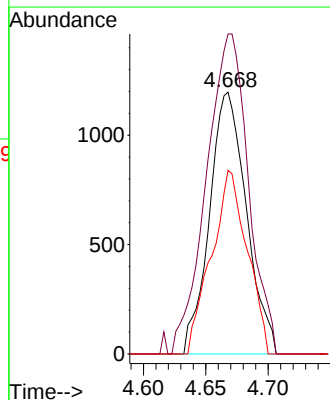
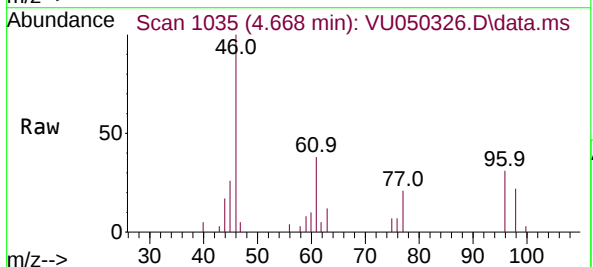
Instrument :
MSVOA_U
ClientSampleId :
F5D81

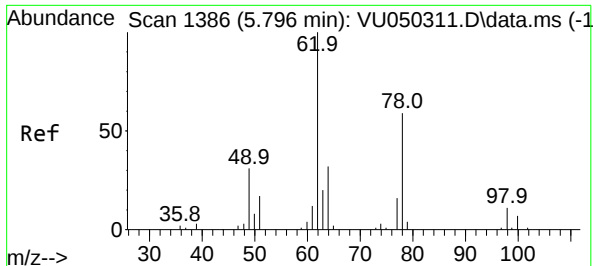
Tgt Ion: 96 Resp: 7547
Ion Ratio Lower Upper
96 100
61 138.9 92.3 171.5
98 59.0 43.2 80.2



#22
cis-1,2-Dichloroethene
Concen: 0.351 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU050326.D
Acq: 13 Aug 2022 18:18

Tgt Ion: 96 Resp: 2472
Ion Ratio Lower Upper
96 100
61 122.2 89.0 165.4
98 70.1 45.2 84.0





#27

1,2-Dichloroethane

Concen: 0.125 ug/L

RT: 5.800 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU050326.D

Acq: 13 Aug 2022 18:18

Instrument :

MSVOA_U

ClientSampleId :

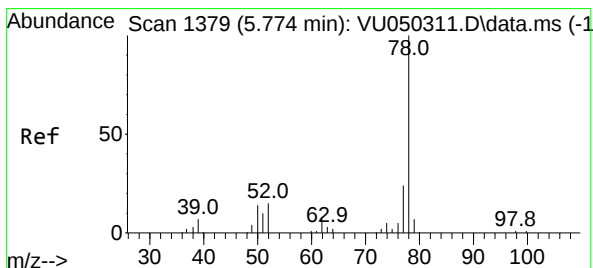
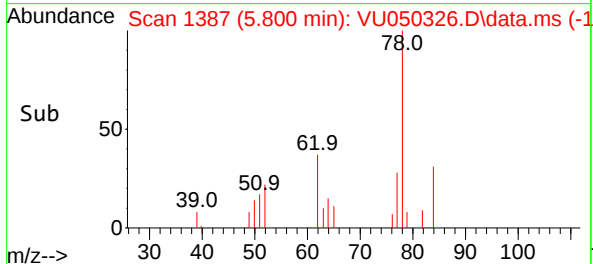
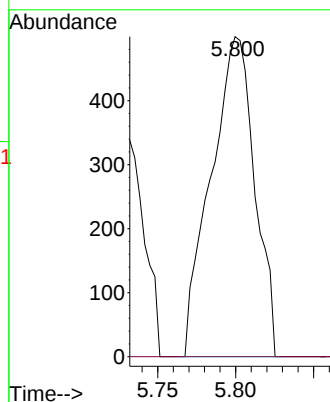
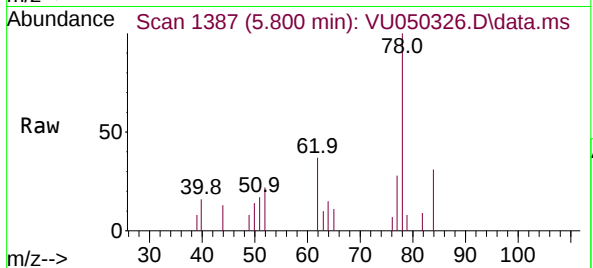
F5D81

Tgt Ion: 62 Resp: 977

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#



#33

Benzene

Concen: 0.476 ug/L

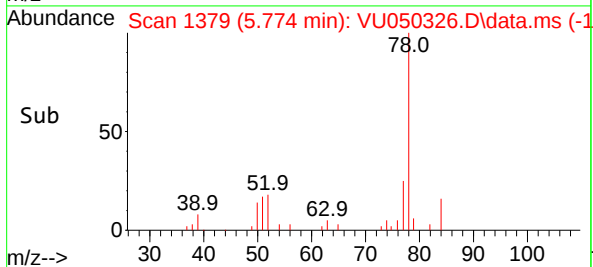
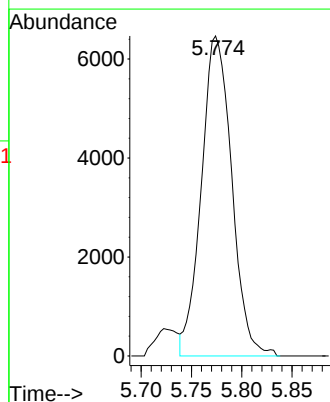
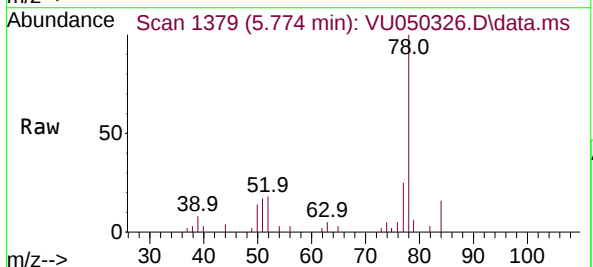
RT: 5.774 min Scan# 1379

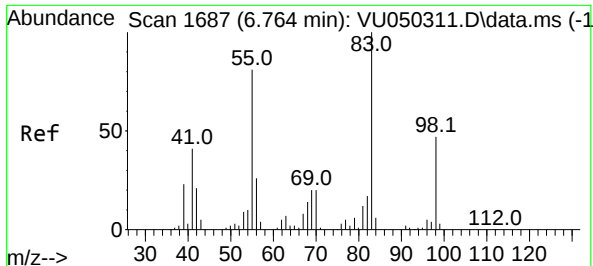
Delta R.T. 0.000 min

Lab File: VU050326.D

Acq: 13 Aug 2022 18:18

Tgt Ion: 78 Resp: 13580





#35

Methylcyclohexane

Concen: 1.094 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU050326.D

Acq: 13 Aug 2022 18:18

Instrument :

MSVOA_U

ClientSampleId :

F5D81

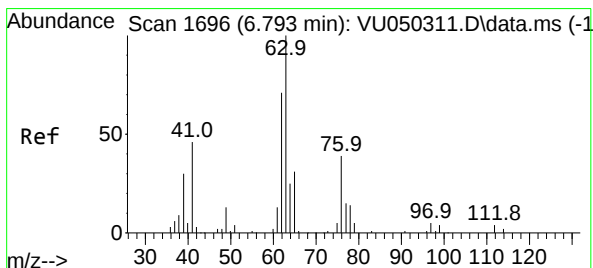
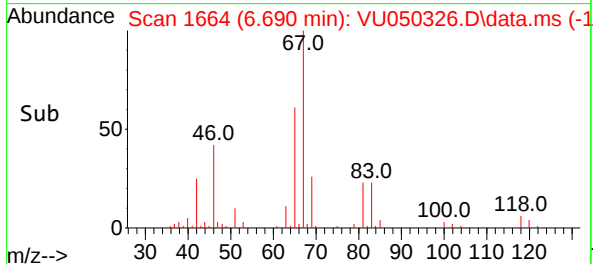
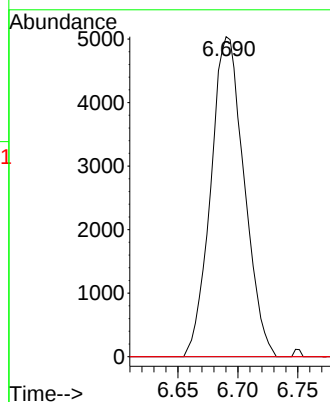
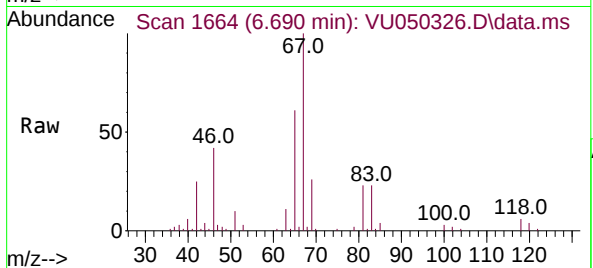
Tgt Ion: 83 Resp: 9741

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.2 36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.585 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU050326.D

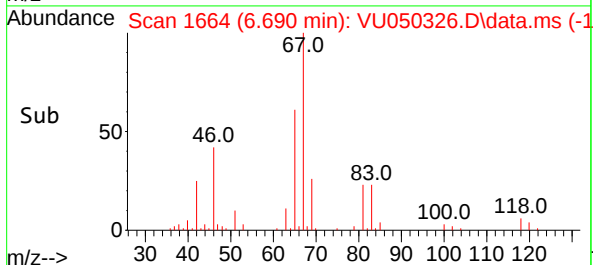
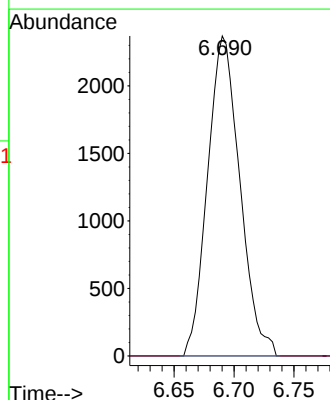
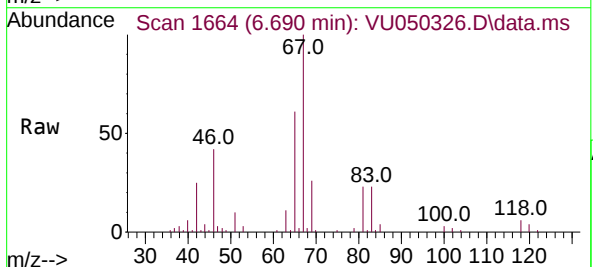
Acq: 13 Aug 2022 18:18

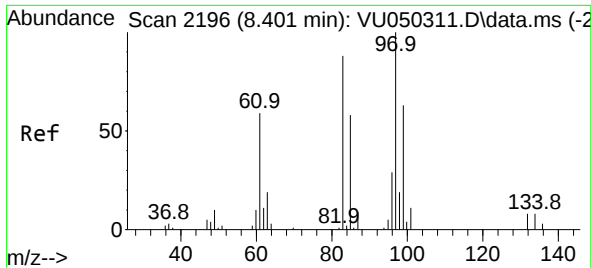
Tgt Ion: 63 Resp: 4439

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#

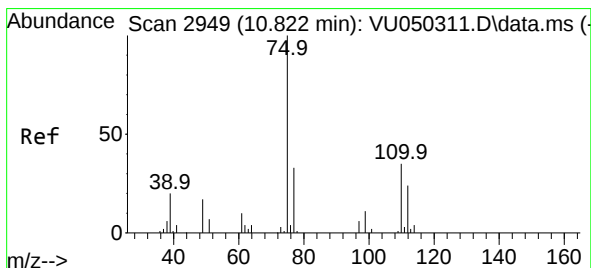
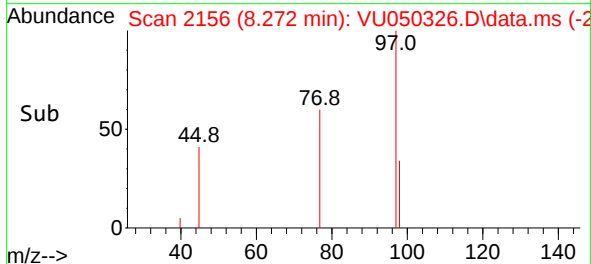
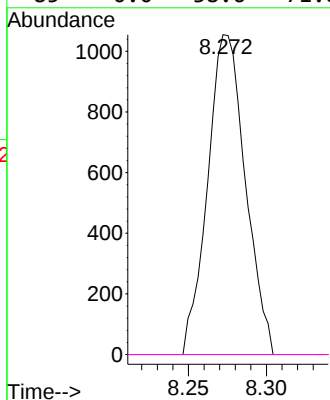
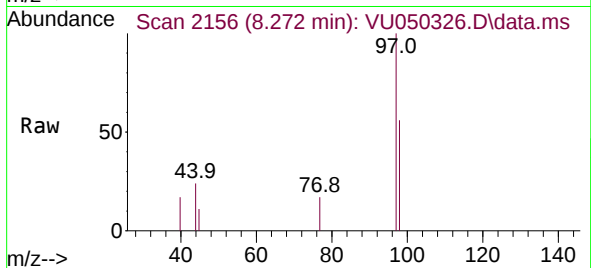




#45
 1,1,2-Trichloroethane
 Concen: 0.313 ug/L
 RT: 8.272 min Scan# 2196
 Delta R.T. -0.129 min
 Lab File: VU050326.D
 Acq: 13 Aug 2022 18:18

Instrument :
 MSVOA_U
 ClientSampleId :
 F5D81

Tgt Ion:	97	Resp:	1777
Ion	Ratio	Lower	Upper
97	100		
99	0.0	42.2	78.4#
83	0.0	59.6	110.6#
85	0.0	38.6	71.8#



#61
 1,2,3-Trichloropropane
 Concen: 0.832 ug/L
 RT: 11.812 min Scan# 3257
 Delta R.T. 0.990 min
 Lab File: VU050326.D
 Acq: 13 Aug 2022 18:18

Tgt Ion:	75	Resp:	3522
Ion	Ratio	Lower	Upper
75	100		
110	0.0	28.5	42.7#
77	32.2	25.8	38.6

