

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081322\
 Data File : VU050329.D
 Acq On : 13 Aug 2022 19:31
 Operator : SY/MD
 Sample : N4115-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5E44

Quant Time: Aug 14 01:29:38 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)

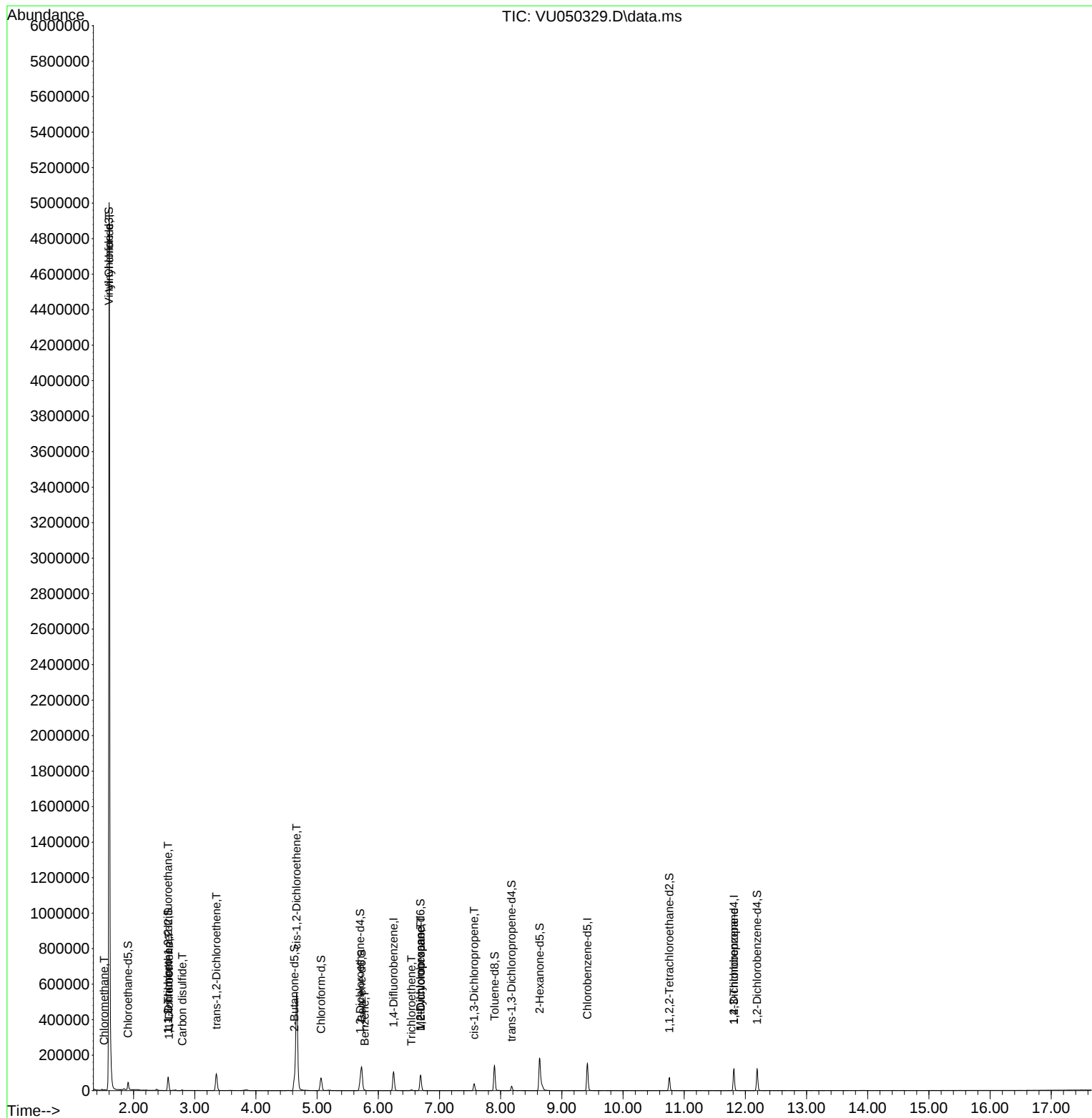
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	88885	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	86337	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	33577	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	64929	8.778	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	175.600%#
7) Chloroethane-d5	1.909	69	29914	5.012	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.565	65	13975	4.834	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.600%
20) 2-Butanone-d5	4.629	46	101767	56.417	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.840%
24) Chloroform-d	5.063	84	65240	4.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.703	65	35018	4.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.726	84	128584	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.690	67	43436	4.896	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.899	98	98924	4.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.179	79	14509	4.563	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.636	63	58167	51.591	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.180%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38682	4.965	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	32932	5.006	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	2113	0.198	ug/L	97
5) Vinyl chloride	1.600	62	3572781	374.150	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	301	0.052	ug/L #	22
12) 1,1-Dichloroethene	2.578	96	1555	0.253	ug/L #	1
14) Carbon disulfide	2.797	76	5321	0.242	ug/L	96
18) trans-1,2-Dichloroethene	3.353	96	40637	5.907	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	286934	37.579	ug/L	99
33) Benzene	5.777	78	2742	0.091	ug/L	100
34) Trichloroethene	6.542	95	1474	0.201	ug/L	95
35) Methylcyclohexane	6.690	83	9649	1.022	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	4485	0.557	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	968	0.092	ug/L #	52
61) 1,2,3-Trichloropropane	11.812	75	4006	0.876	ug/L #	64

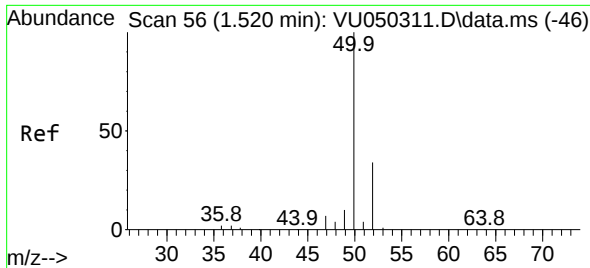
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081322\
Data File : VU050329.D
Acq On : 13 Aug 2022 19:31
Operator : SY/MD
Sample : N4115-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5E44

Quant Time: Aug 14 01:29:38 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

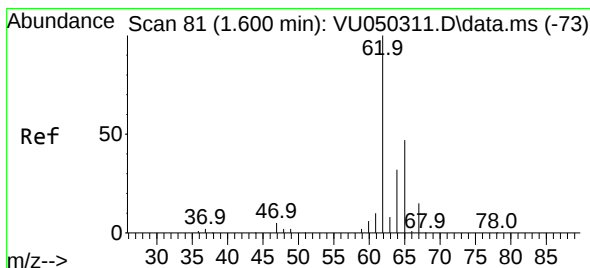
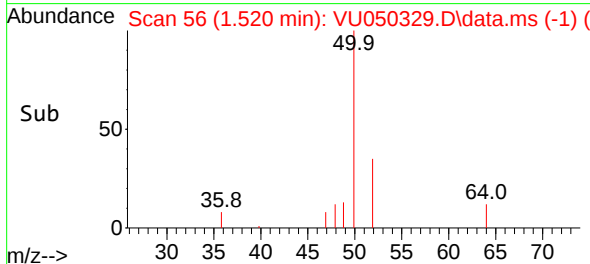
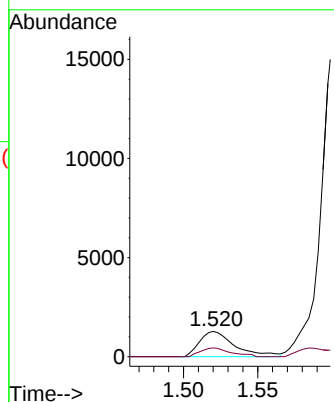
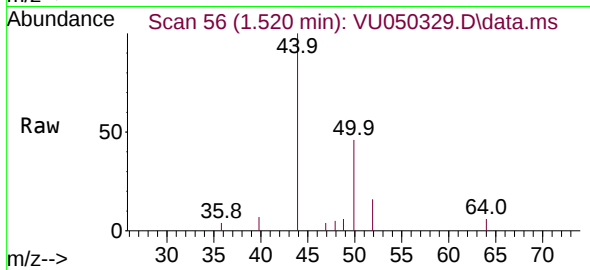




#3
Chloromethane
Concen: 0.198 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU050329.D
Acq: 13 Aug 2022 19:31

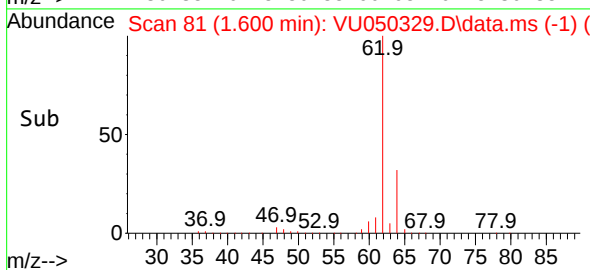
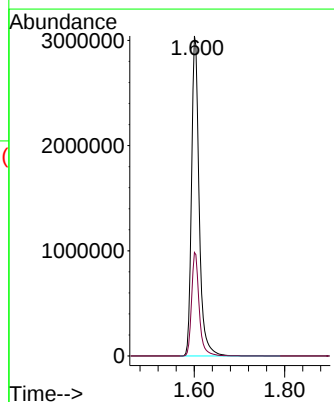
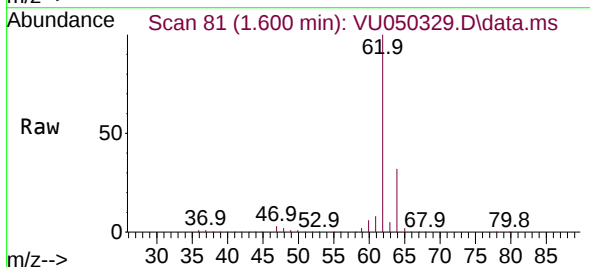
Instrument :
MSVOA_U
ClientSampleId :
F5E44

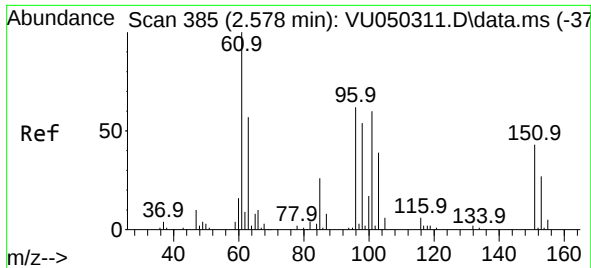
Tgt Ion: 50 Resp: 2113
Ion Ratio Lower Upper
50 100
52 35.0 23.2 43.2



#5
Vinyl chloride
Concen: 374.150 ug/L
RT: 1.600 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU050329.D
Acq: 13 Aug 2022 19:31

Tgt Ion: 62 Resp: 3572781
Ion Ratio Lower Upper
62 100
64 32.3 22.8 42.4

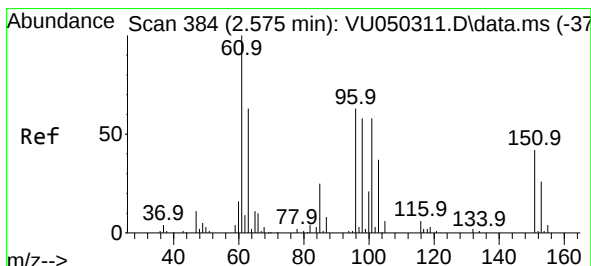
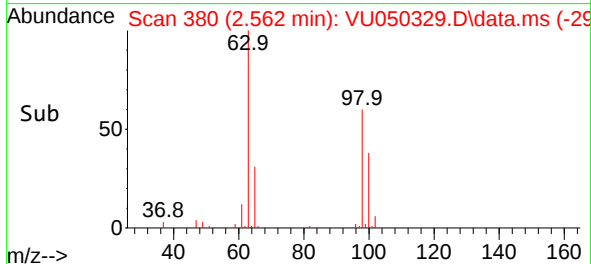
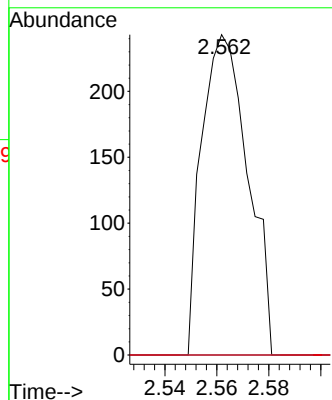
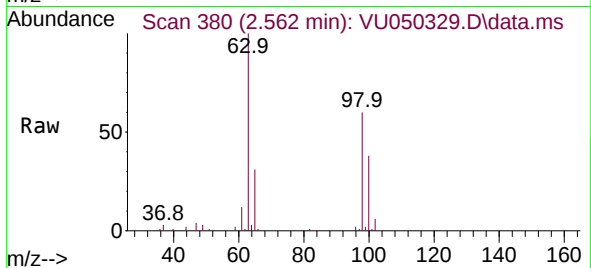




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.052 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU050329.D
Acq: 13 Aug 2022 19:31

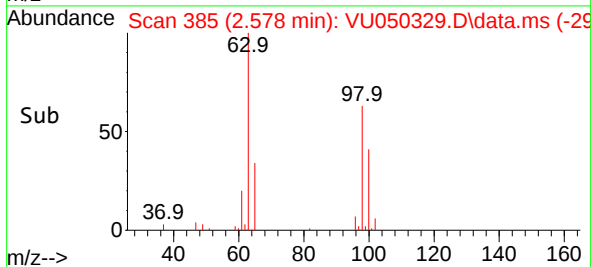
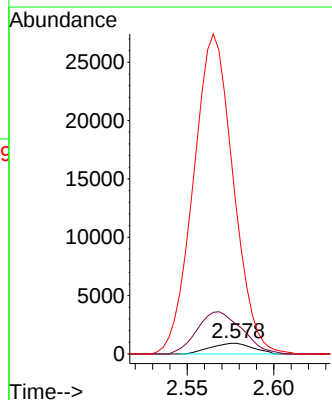
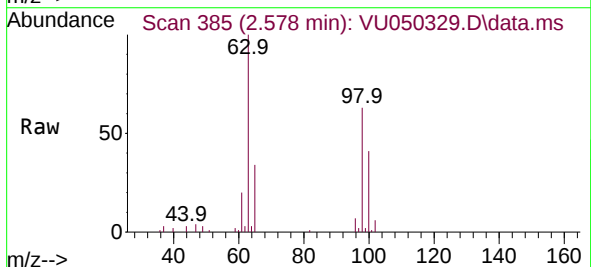
Instrument :
MSVOA_U
ClientSampleId :
F5E44

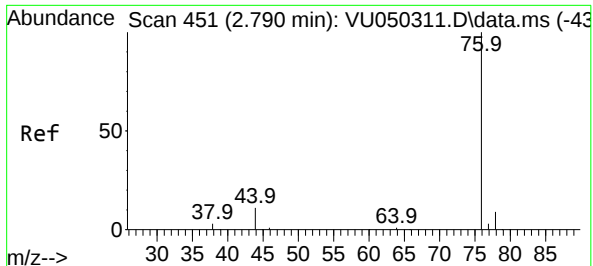
Tgt Ion:101 Resp: 301
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#



#12
1,1-Dichloroethene
Concen: 0.253 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU050329.D
Acq: 13 Aug 2022 19:31

Tgt Ion: 96 Resp: 1555
Ion Ratio Lower Upper
96 100
61 283.4 122.7 227.9#
63 1429.0 85.1 158.1#

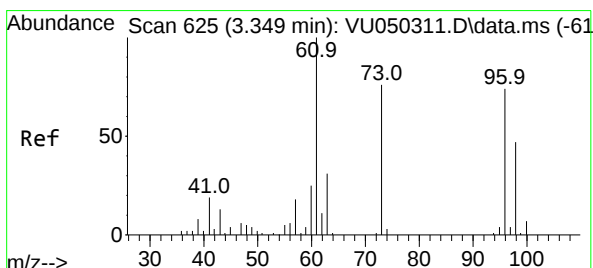
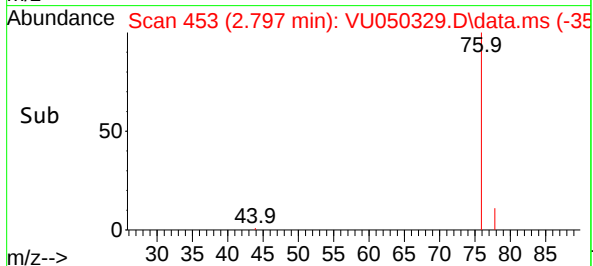
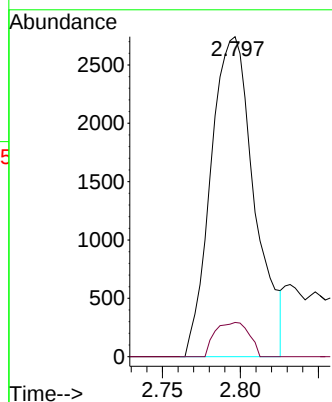
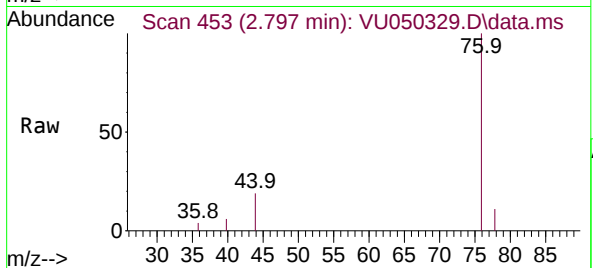




#14
Carbon disulfide
Concen: 0.242 ug/L
RT: 2.797 min Scan# 41
Delta R.T. 0.007 min
Lab File: VU050329.D
Acq: 13 Aug 2022 19:31

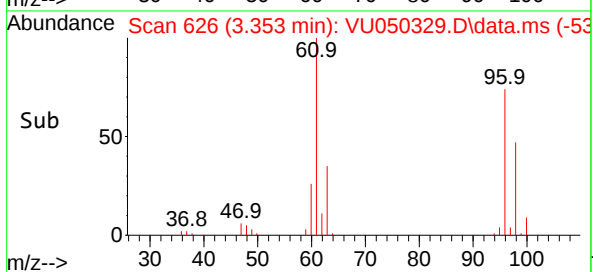
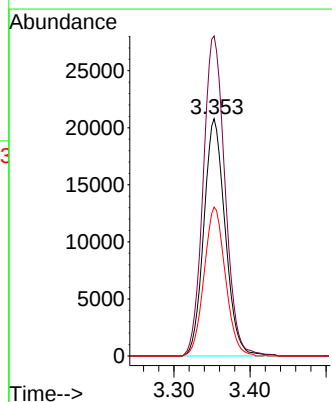
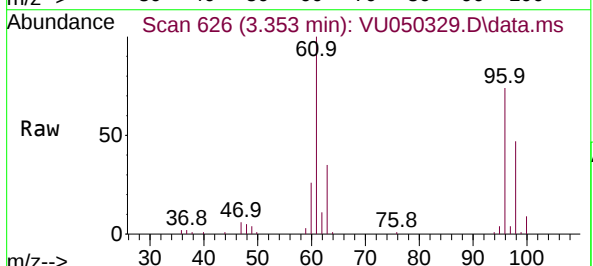
Instrument :
MSVOA_U
ClientSampleId :
F5E44

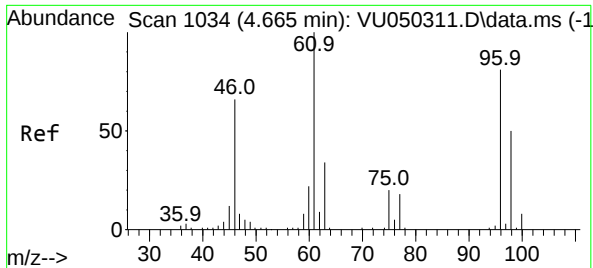
Tgt Ion: 76 Resp: 5321
Ion Ratio Lower Upper
76 100
78 10.7 7.4 11.0



#18
trans-1,2-Dichloroethene
Concen: 5.907 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU050329.D
Acq: 13 Aug 2022 19:31

Tgt Ion: 96 Resp: 40637
Ion Ratio Lower Upper
96 100
61 134.9 92.3 171.5
98 62.8 43.2 80.2

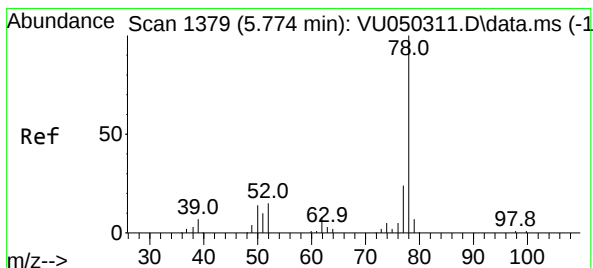
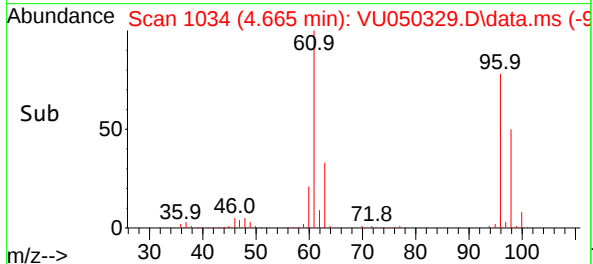
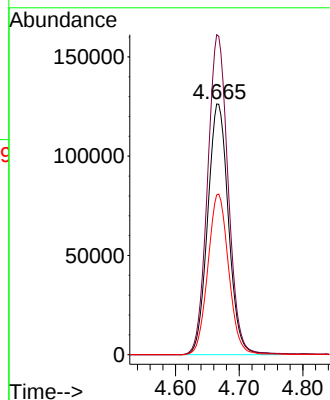
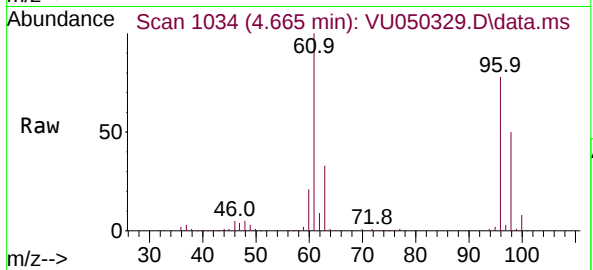




#22
 cis-1,2-Dichloroethene
 Concen: 37.579 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU050329.D
 Acq: 13 Aug 2022 19:31

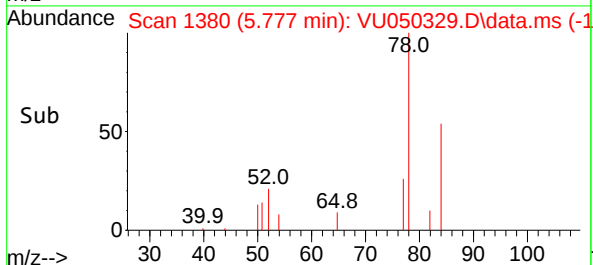
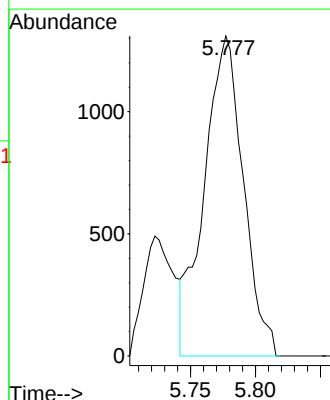
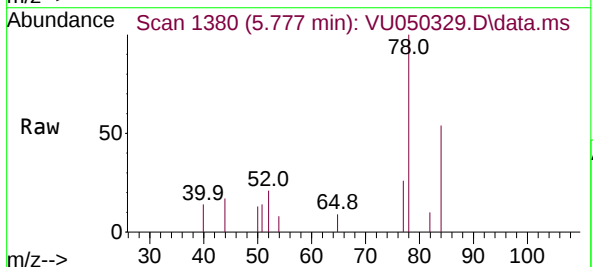
Instrument :
 MSVOA_U
 ClientSampleId :
 F5E44

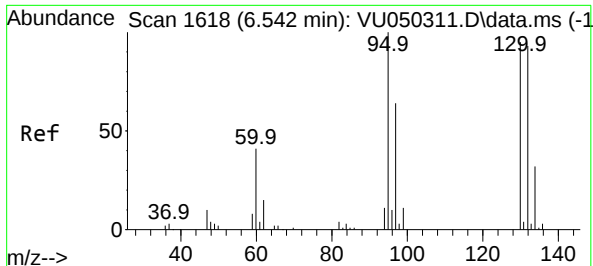
Tgt Ion: 96 Resp: 286934
 Ion Ratio Lower Upper
 96 100
 61 127.6 89.0 165.4
 98 63.8 45.2 84.0



#33
 Benzene
 Concen: 0.091 ug/L
 RT: 5.777 min Scan# 1380
 Delta R.T. 0.003 min
 Lab File: VU050329.D
 Acq: 13 Aug 2022 19:31

Tgt Ion: 78 Resp: 2742



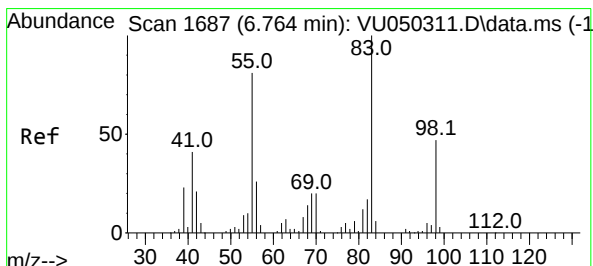
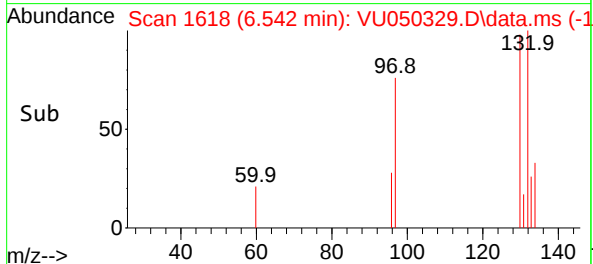
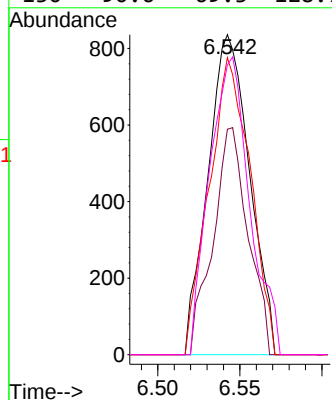
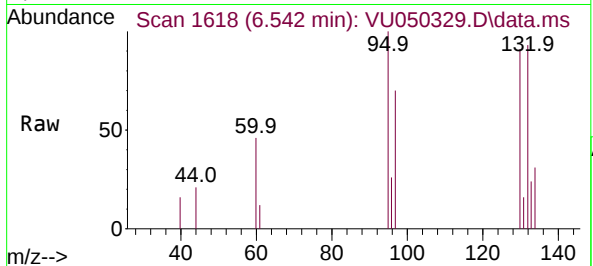


#34
Trichloroethene
Concen: 0.201 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050329.D
Acq: 13 Aug 2022 19:31

Instrument :
MSVOA_U
ClientSampleId :
F5E44

Tgt Ion: 95 Resp: 1474

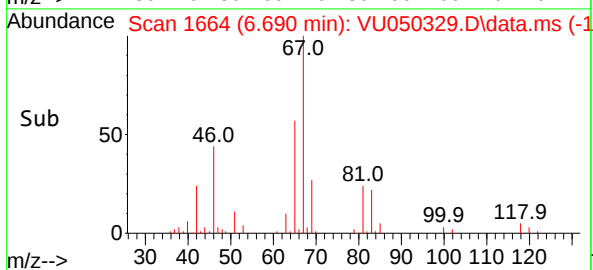
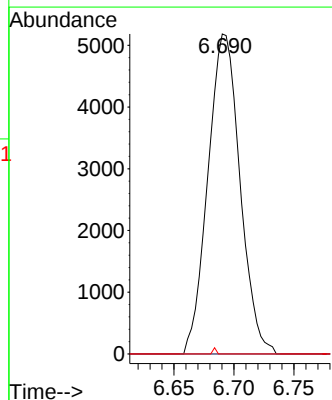
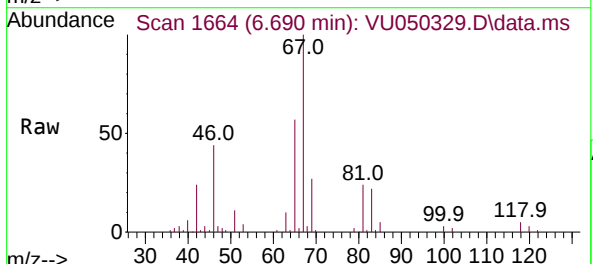
Ion	Ratio	Lower	Upper
95	100		
97	70.5	45.6	84.8
132	92.8	65.0	120.6
130	90.6	69.3	128.7

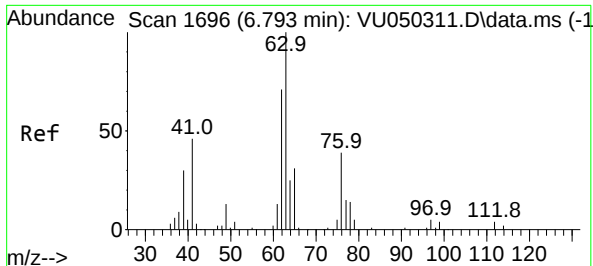


#35
Methylcyclohexane
Concen: 1.022 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU050329.D
Acq: 13 Aug 2022 19:31

Tgt Ion: 83 Resp: 9649

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: 0.557 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU050329.D

Acq: 13 Aug 2022 19:31

Instrument :

MSVOA_U

ClientSampleId :

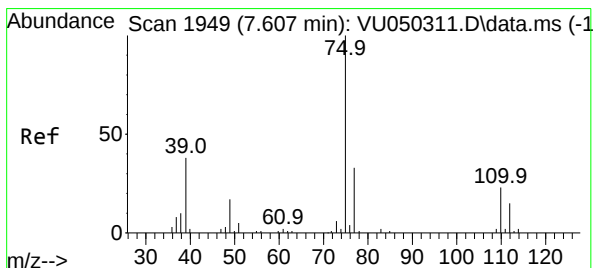
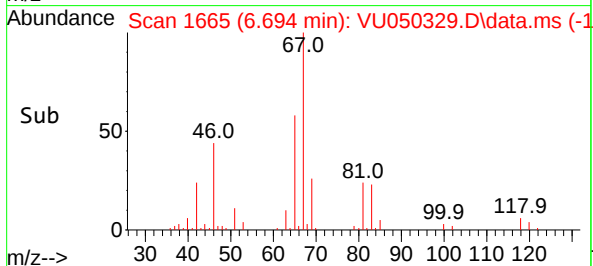
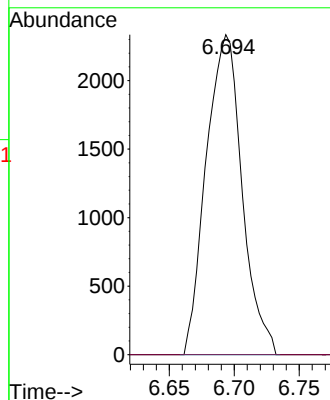
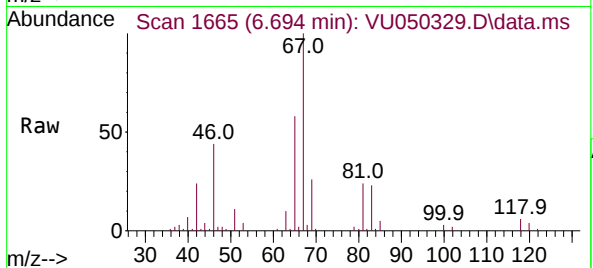
F5E44

Tgt Ion: 63 Resp: 4485

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU050329.D

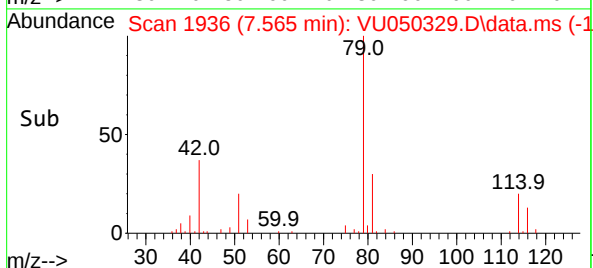
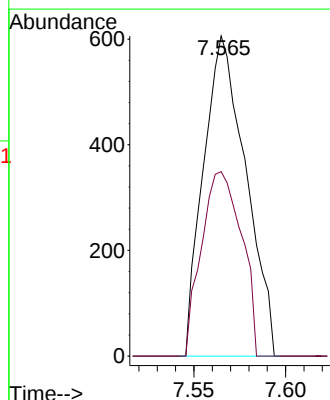
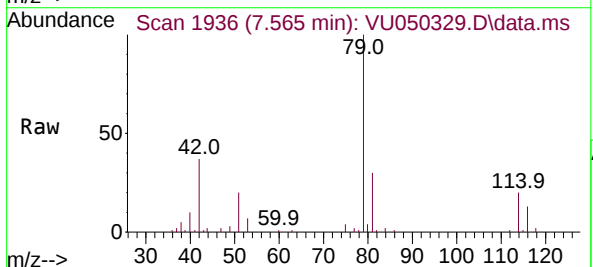
Acq: 13 Aug 2022 19:31

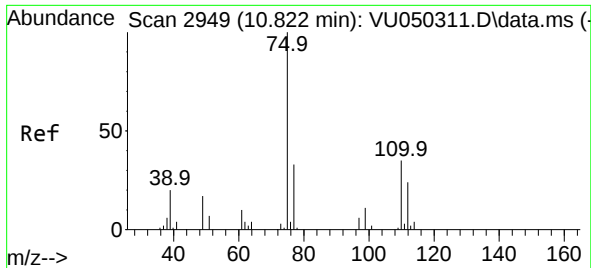
Tgt Ion: 75 Resp: 968

Ion Ratio Lower Upper

75 100

77 57.6 21.8 40.4#





#61

1,2,3-Trichloropropane

Concen: 0.876 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU050329.D

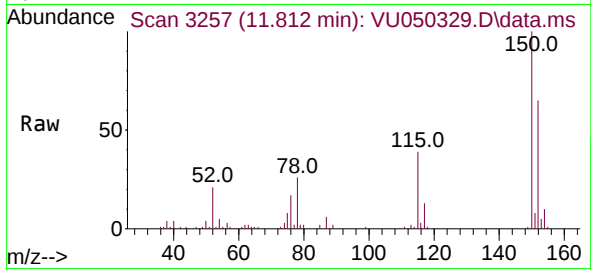
Acq: 13 Aug 2022 19:31

Instrument :

MSVOA_U

ClientSampleId :

F5E44



Tgt Ion: 75 Resp: 4006

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 27.3 25.8 38.6

