

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081322\
 Data File : VU050319.D
 Acq On : 13 Aug 2022 15:25
 Operator : SY/MD
 Sample : N4115-02DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5E01DL

Quant Time: Aug 14 01:27:28 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)

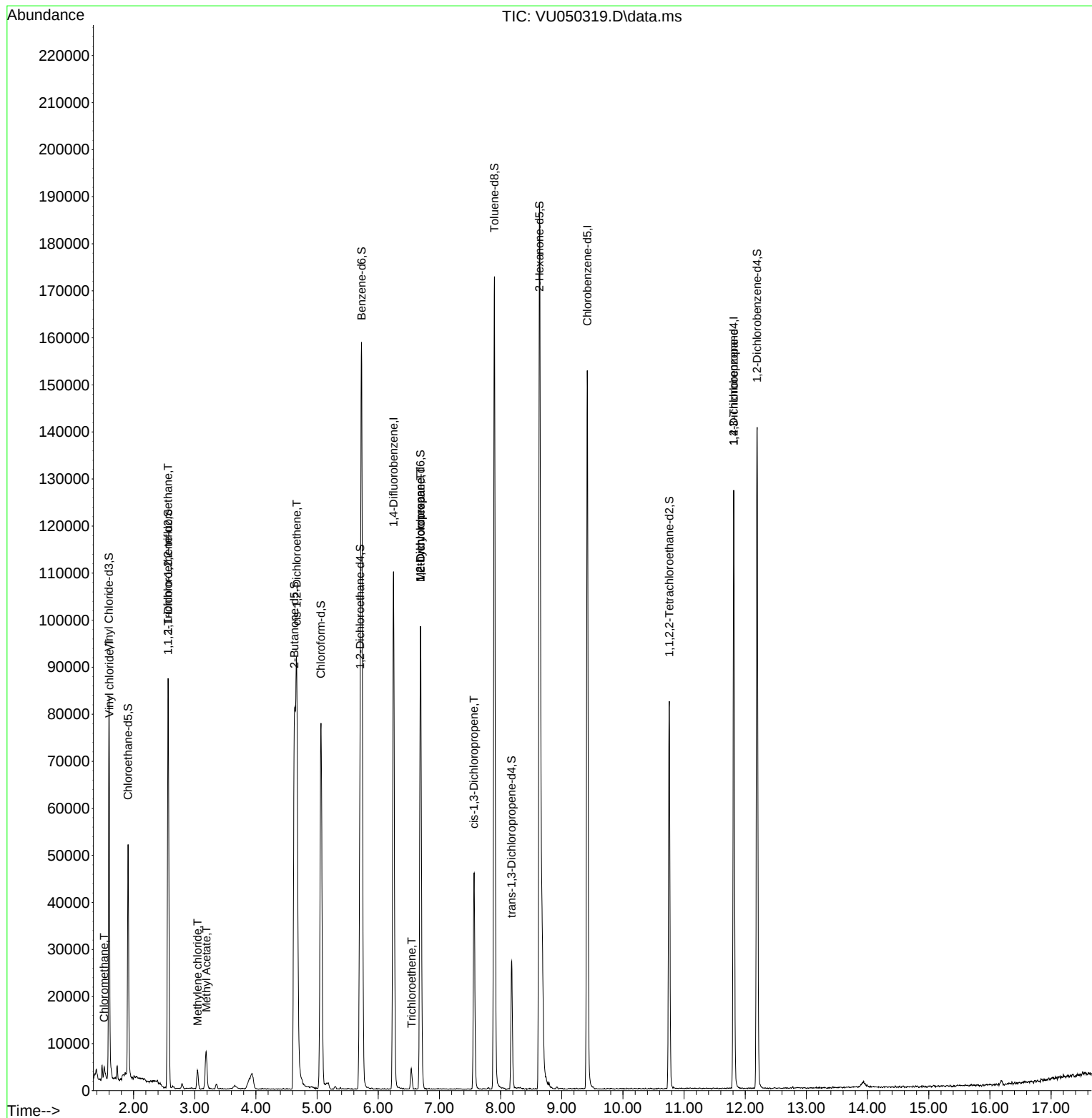
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	89920	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	88363	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34220	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44789	5.985	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.800%
7) Chloroethane-d5	1.909	69	35631	5.902	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.000%
11) 1,1-Dichloroethene-d2	2.565	65	16505	5.643	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.800%
20) 2-Butanone-d5	4.629	46	106141	58.164	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.320%
24) Chloroform-d	5.063	84	74511	5.353	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
26) 1,2-Dichloroethane-d4	5.703	65	39547	5.534	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.600%
32) Benzene-d6	5.729	84	150732	5.466	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.400%
36) 1,2-Dichloropropane-d6	6.690	67	50534	5.565	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.400%
41) Toluene-d8	7.899	98	118513	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	8.179	79	16774	5.155	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	8.635	63	60460	52.395	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.800%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42935	5.384	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	37961	5.662	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.200%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	2353	0.218	ug/L	96
5) Vinyl chloride	1.604	62	19201	1.988	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	456	0.077	ug/L #	22
15) Methyl Acetate	3.192	43	487	0.176	ug/L #	46
16) Methylene chloride	3.044	84	1948	0.205	ug/L	89
22) cis-1,2-Dichloroethene	4.668	96	38416	4.973	ug/L	98
34) Trichloroethene	6.546	95	1427	0.191	ug/L	90
35) Methylcyclohexane	6.690	83	11159	1.154	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	4910	0.595	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	1060	0.098	ug/L #	63
61) 1,2,3-Trichloropropane	11.812	75	4064	0.872	ug/L #	67

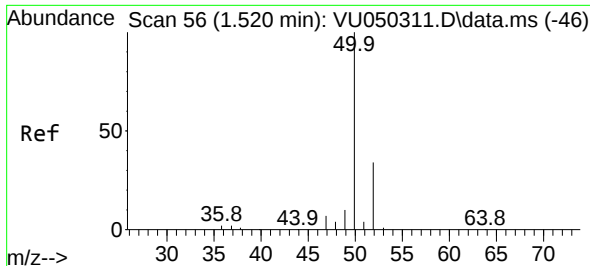
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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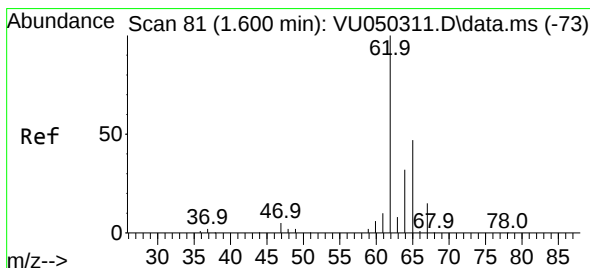
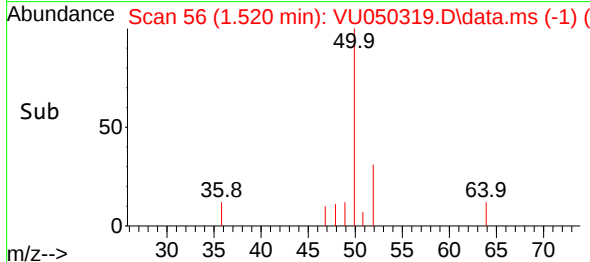
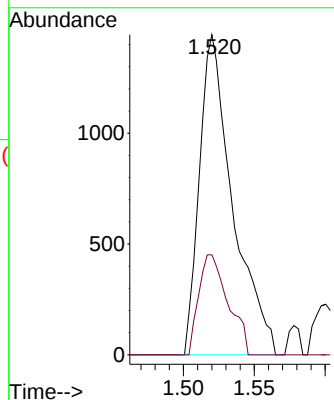
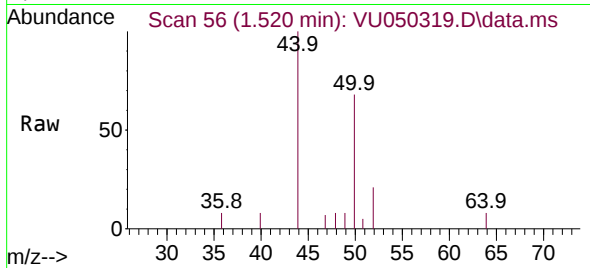




#3
Chloromethane
Concen: 0.218 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU050319.D
Acq: 13 Aug 2022 15:25

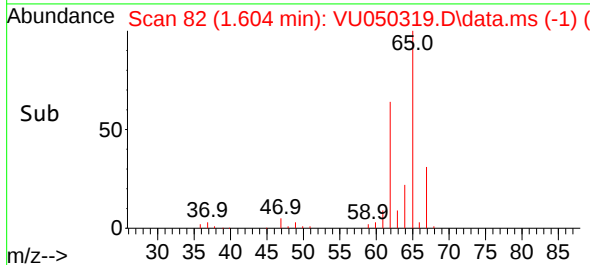
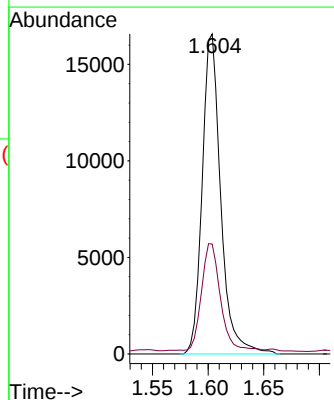
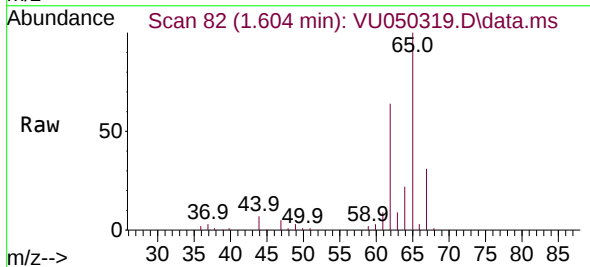
Instrument :
MSVOA_U
ClientSampleId :
F5E01DL

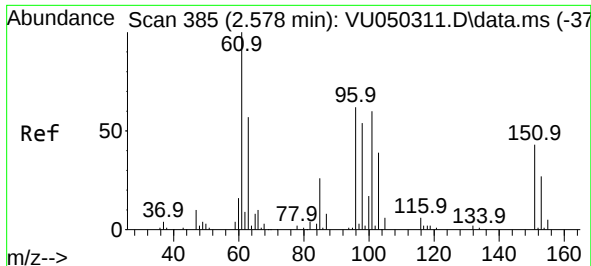
Tgt Ion: 50 Resp: 2353
Ion Ratio Lower Upper
50 100
52 31.2 23.2 43.2



#5
Vinyl chloride
Concen: 1.988 ug/L
RT: 1.604 min Scan# 82
Delta R.T. 0.003 min
Lab File: VU050319.D
Acq: 13 Aug 2022 15:25

Tgt Ion: 62 Resp: 19201
Ion Ratio Lower Upper
62 100
64 34.3 22.8 42.4

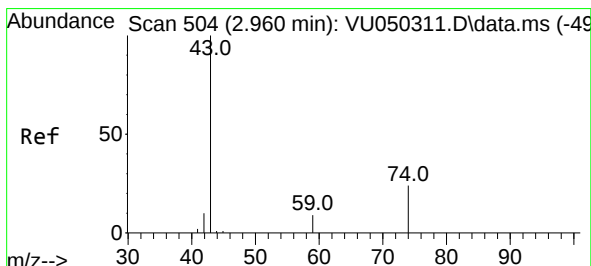
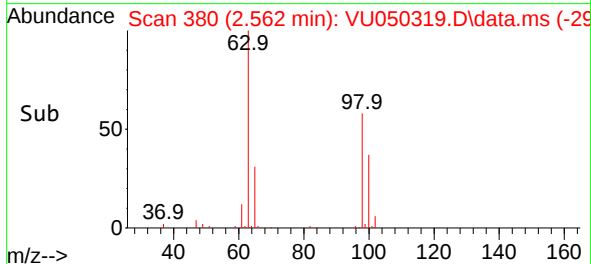
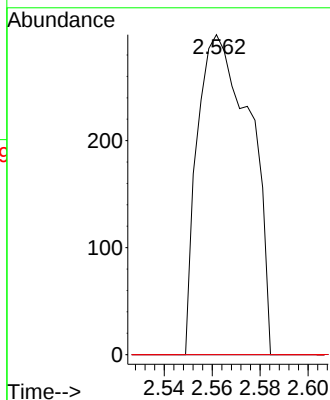
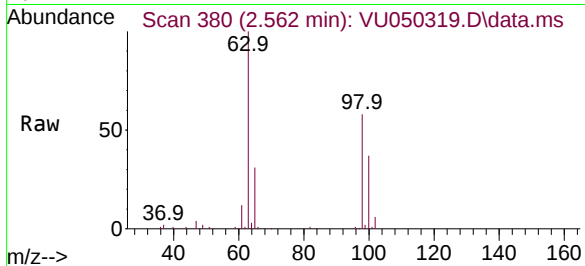




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.077 ug/L
 RT: 2.562 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU050319.D
 Acq: 13 Aug 2022 15:25

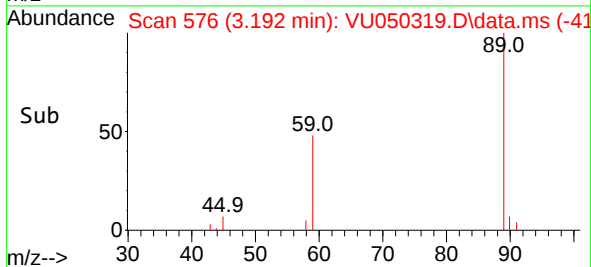
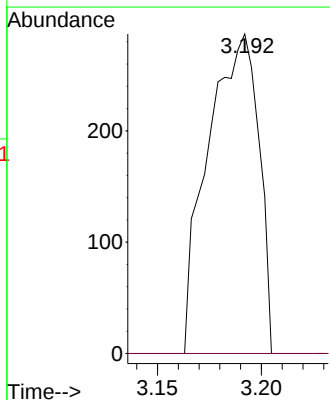
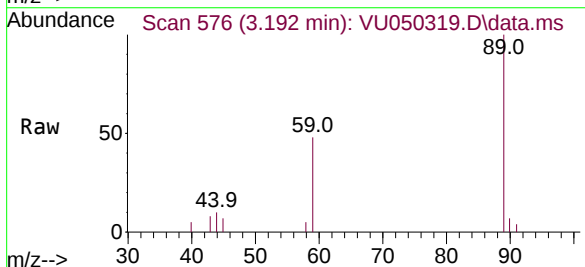
Instrument :
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 ClientSampleId :
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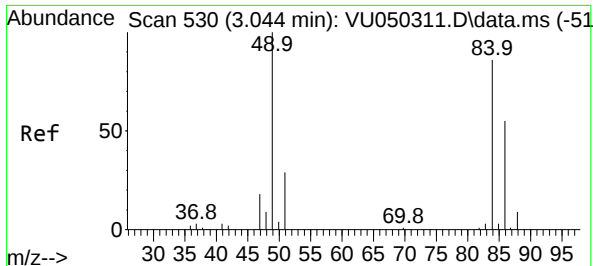
Tgt Ion:101 Resp: 456
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 55.2 82.8#



#15
 Methyl Acetate
 Concen: 0.176 ug/L
 RT: 3.192 min Scan# 576
 Delta R.T. 0.232 min
 Lab File: VU050319.D
 Acq: 13 Aug 2022 15:25

Tgt Ion: 43 Resp: 487
 Ion Ratio Lower Upper
 43 100
 74 0.0 22.7 34.1#

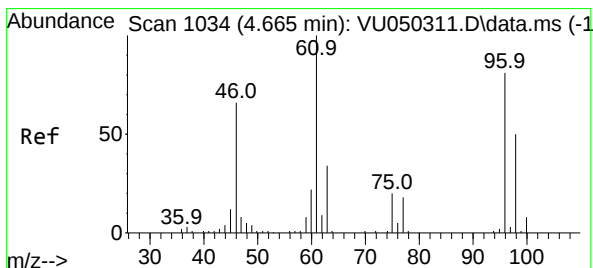
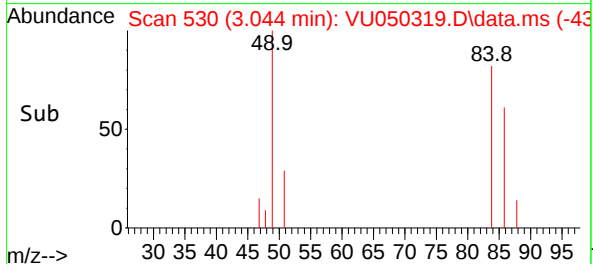
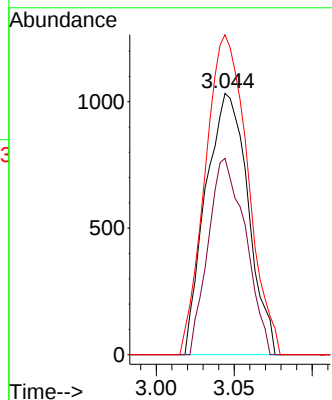
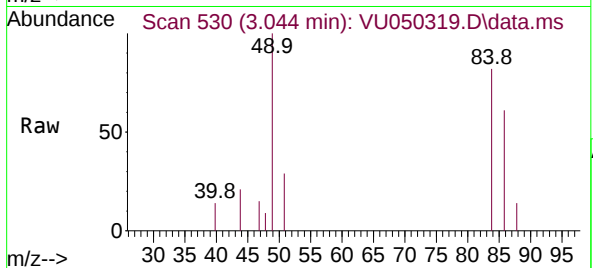




#16
Methylene chloride
Concen: 0.205 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU050319.D
Acq: 13 Aug 2022 15:25

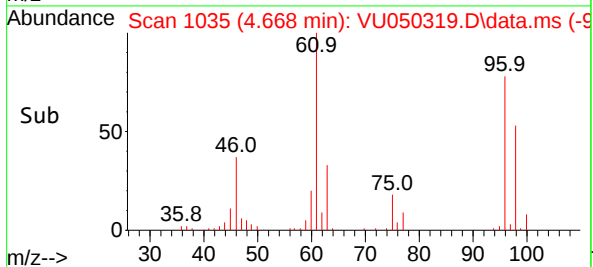
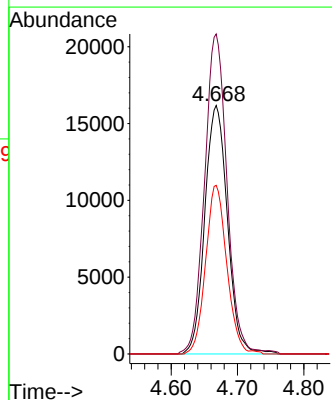
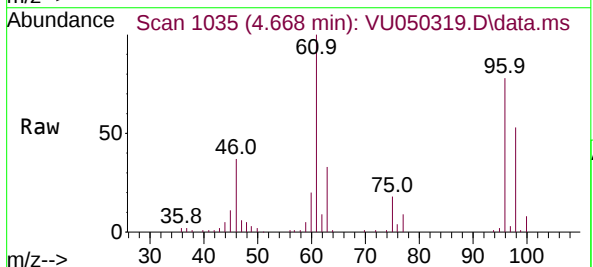
Instrument :
MSVOA_U
ClientSampleId :
F5E01DL

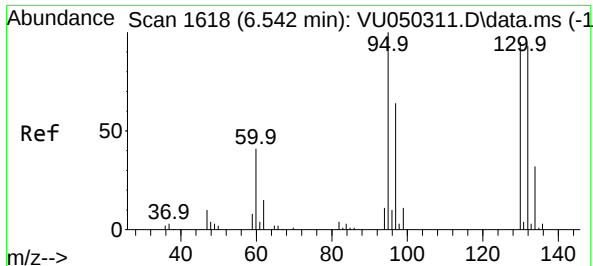
Tgt Ion: 84 Resp: 1948
Ion Ratio Lower Upper
84 100
86 75.1 45.9 85.3
49 122.5 77.6 144.0



#22
cis-1,2-Dichloroethene
Concen: 4.973 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU050319.D
Acq: 13 Aug 2022 15:25

Tgt Ion: 96 Resp: 38416
Ion Ratio Lower Upper
96 100
61 128.7 89.0 165.4
98 67.8 45.2 84.0



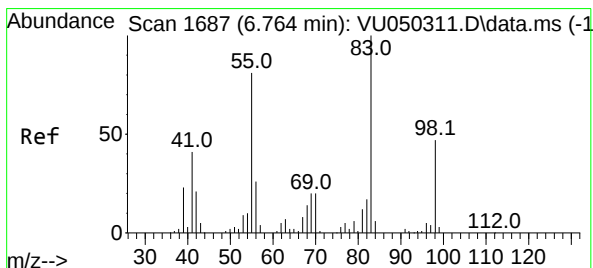
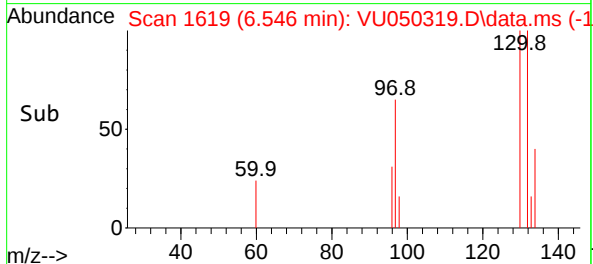
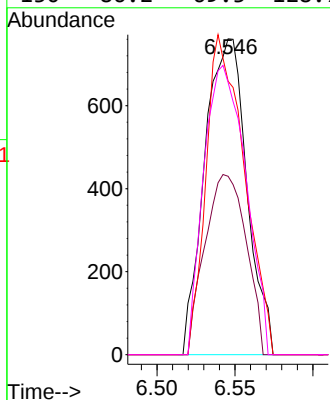
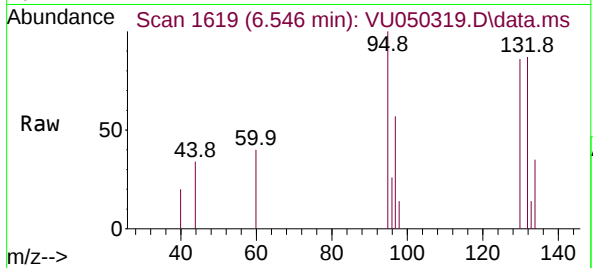


#34
Trichloroethene
Concen: 0.191 ug/L
RT: 6.546 min Scan# 1664
Delta R.T. 0.003 min
Lab File: VU050319.D
Acq: 13 Aug 2022 15:25

Instrument :
MSVOA_U
ClientSampleId :
F5E01DL

Tgt Ion: 95 Resp: 1427

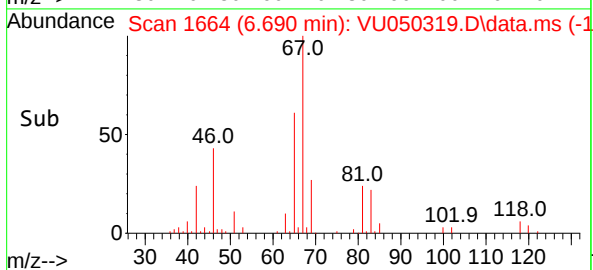
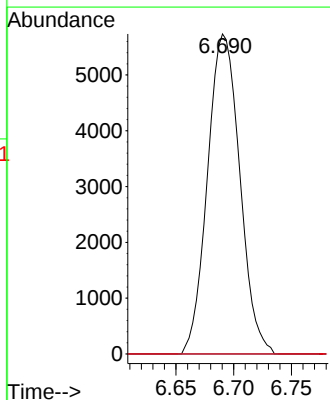
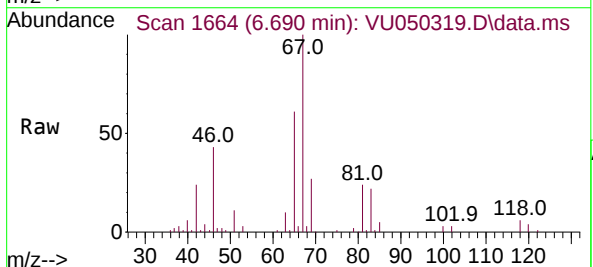
Ion	Ratio	Lower	Upper
95	100		
97	56.5	45.6	84.8
132	86.6	65.0	120.6
130	86.2	69.3	128.7

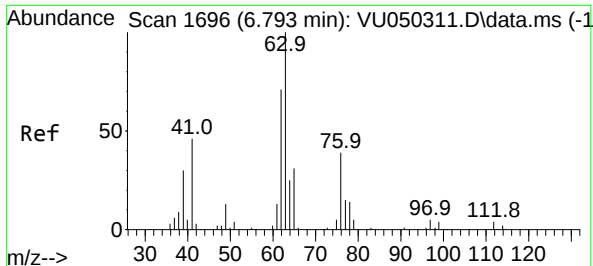


#35
Methylcyclohexane
Concen: 1.154 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU050319.D
Acq: 13 Aug 2022 15:25

Tgt Ion: 83 Resp: 11159

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.7	94.1#
98	1.3	36.2	54.2#





#37

1,2-Dichloropropane

Concen: 0.595 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU050319.D

Acq: 13 Aug 2022 15:25

Instrument :

MSVOA_U

ClientSampleId :

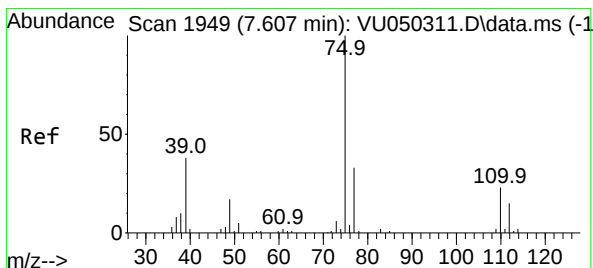
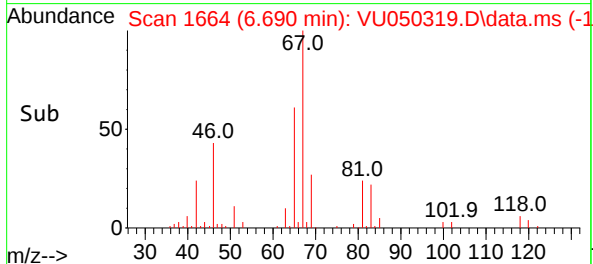
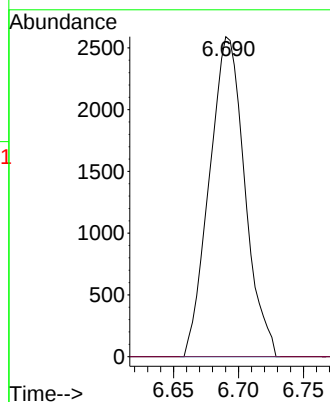
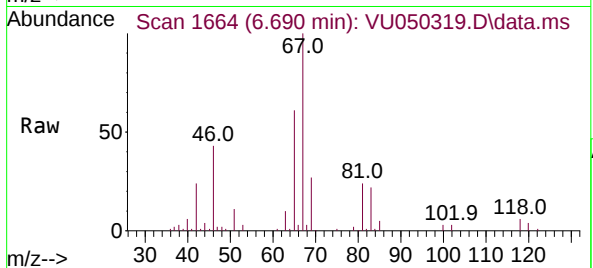
F5E01DL

Tgt Ion: 63 Resp: 4910

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU050319.D

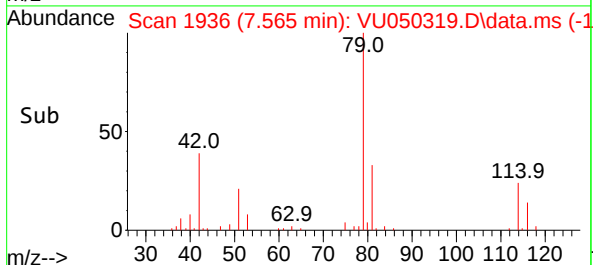
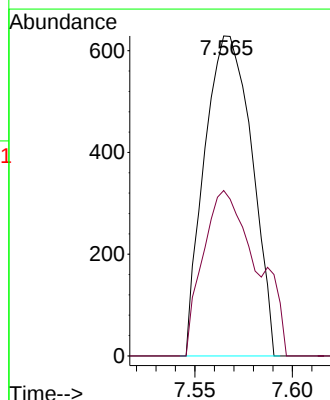
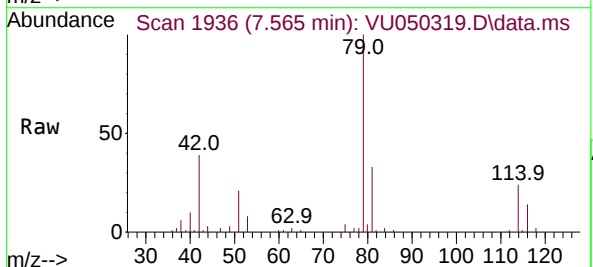
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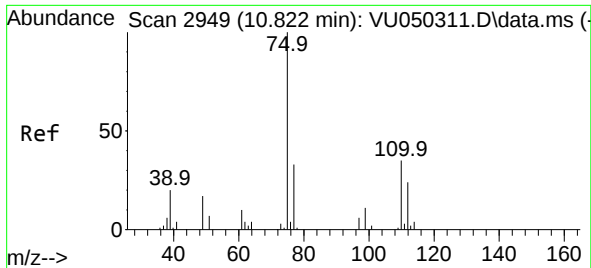
Tgt Ion: 75 Resp: 1060

Ion Ratio Lower Upper

75 100

77 51.7 21.8 40.4#





#61

1,2,3-Trichloropropane

Concen: 0.872 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU050319.D

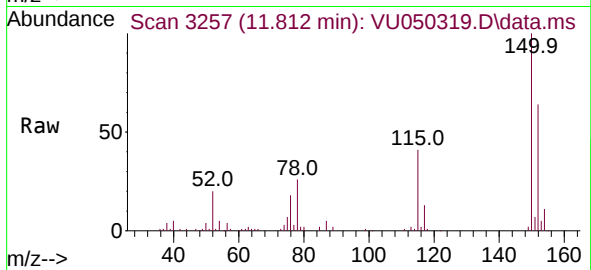
Acq: 13 Aug 2022 15:25

Instrument :

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Tgt Ion: 75 Resp: 4064

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 30.8 25.8 38.6

