

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042621\
 Data File : VU043327.D
 Acq On : 26 Apr 2021 15:50
 Operator : SY/MD
 Sample : M2124-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 26 23:42:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 26 23:40:31 2021
 Response via : Initial Calibration

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

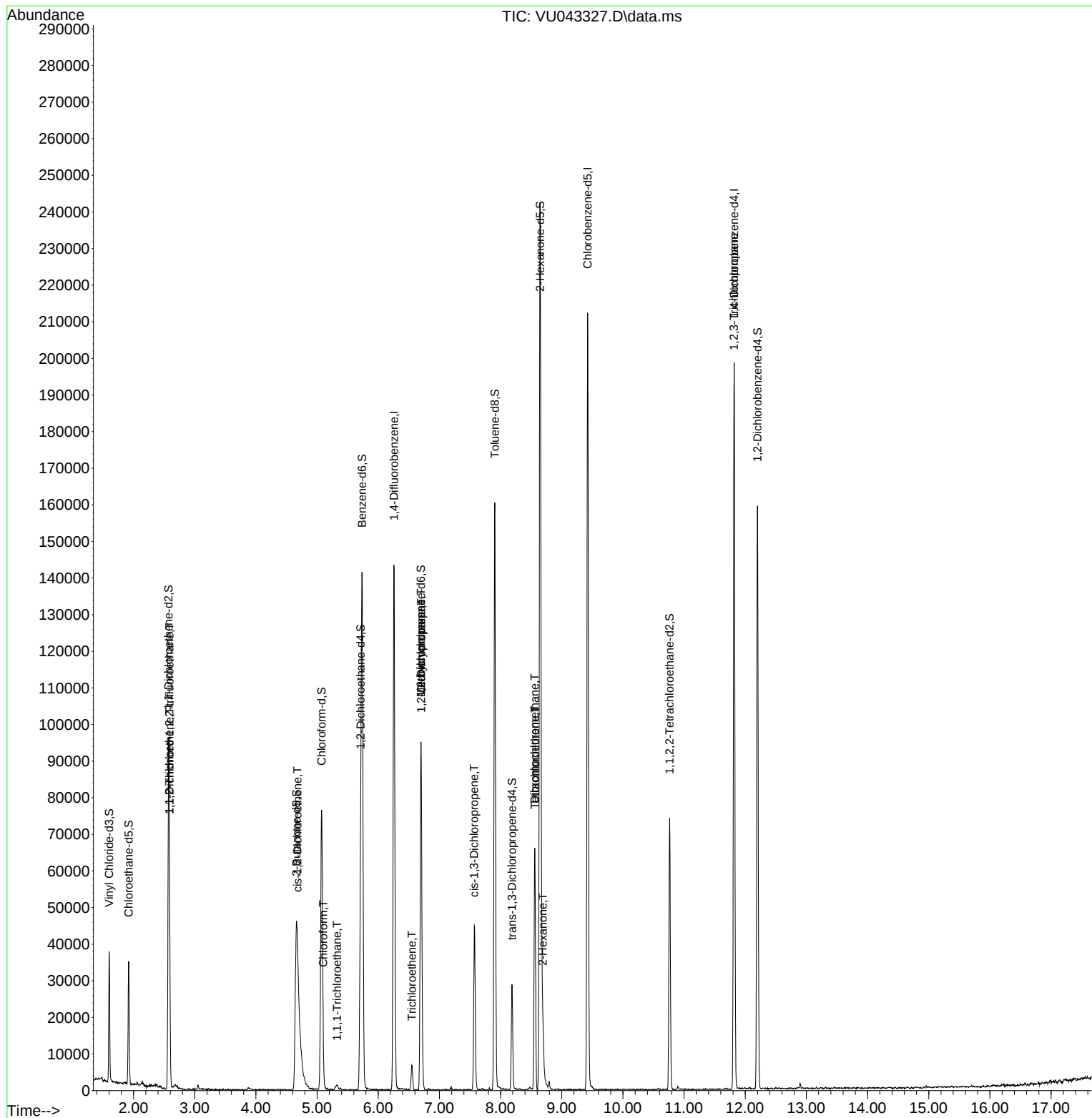
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	106208	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	106786	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	49582	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	23972	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.919	69	21683	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.572	65	16050	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.60%
20) 2-Butanone-d5	4.665	46	130711	55.18	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.36%
24) Chloroform-d	5.073	84	67176	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.713	65	43129	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.735	84	115584	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.700	67	40213	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.906	98	98440	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloroprop...	8.185	79	14283	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.645	63	78789	43.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.76%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34430	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	38618	4.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.80%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	1254	0.18	ug/L #	61
12) 1,1-Dichloroethene	2.588	96	8684	1.47	ug/L #	24
22) cis-1,2-Dichloroethene	4.678	96	1180	0.16	ug/L	85
25) Chloroform	5.099	83	2214	0.15	ug/L	87
29) 1,1,1-Trichloroethane	5.327	97	1310	0.10	ug/L #	66
34) Trichloroethene	6.549	95	2308	0.29	ug/L	88
35) Methylcyclohexane	6.700	83	9169	0.84	ug/L #	20
37) 1,2-Dichloropropane	6.703	63	5011	0.62	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	1278	0.11	ug/L #	77
47) Tetrachloroethene	8.562	164	13578	2.18	ug/L	97
48) 2-Hexanone	8.690	43	6212	1.17	ug/L #	48
49) Dibromochloromethane	8.558	129	12893	1.70	ug/L #	9
61) 1,2,3-Trichloropropane	11.816	75	6166	1.20	ug/L #	64

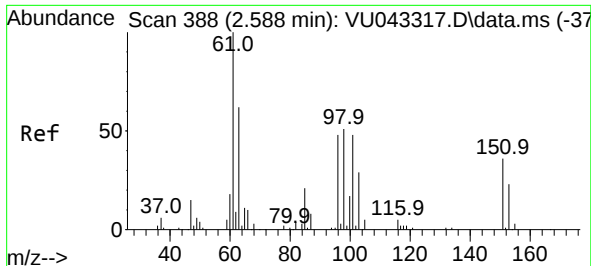
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.18 ug/L

RT: 2.588 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU043327.D

Acq: 26 Apr 2021 15:50

Tgt Ion:101 Resp: 1254

Ion Ratio Lower Upper

101 100

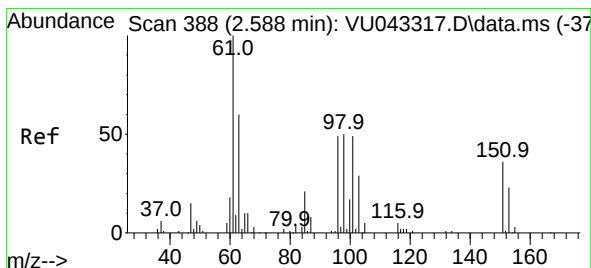
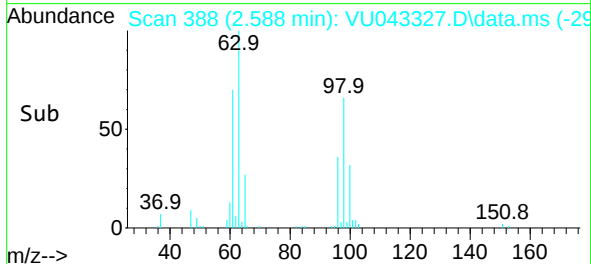
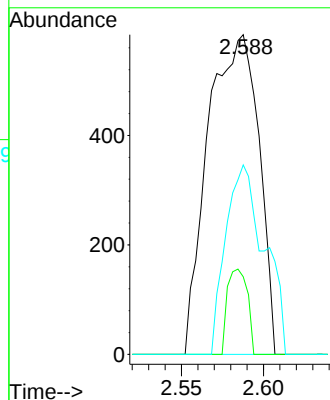
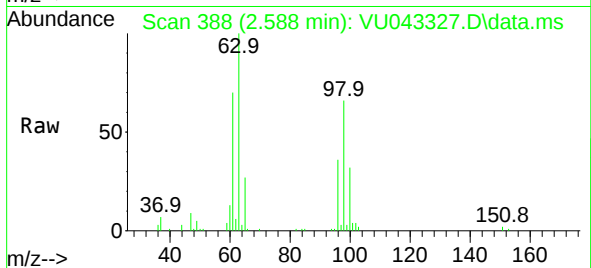
85 10.5 34.5 51.7#

151 45.1 57.4 86.2#

Instrument :

MSVOA_U

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 1.47 ug/L

RT: 2.588 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU043327.D

Acq: 26 Apr 2021 15:50

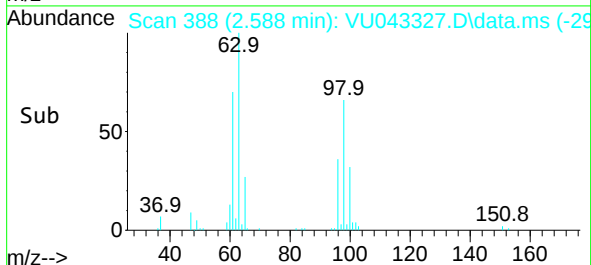
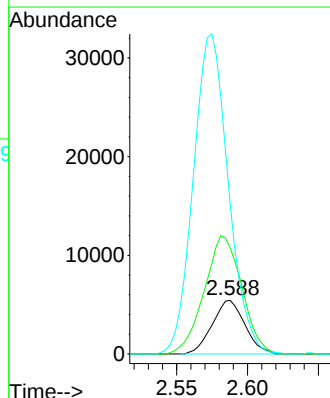
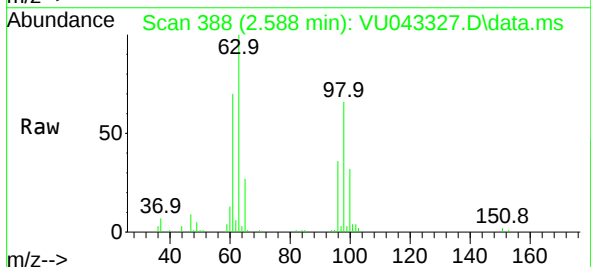
Tgt Ion: 96 Resp: 8684

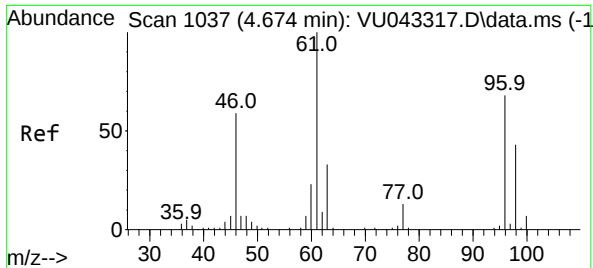
Ion Ratio Lower Upper

96 100

61 198.2 115.1 213.7

63 281.4 84.1 156.1#

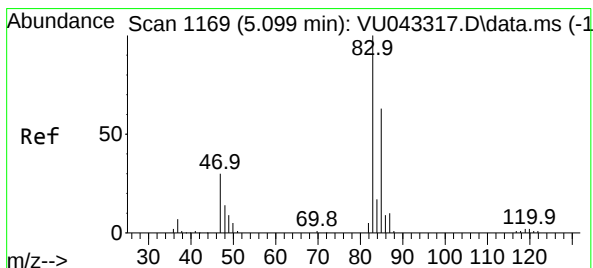
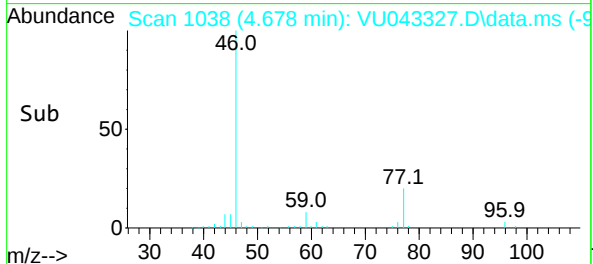
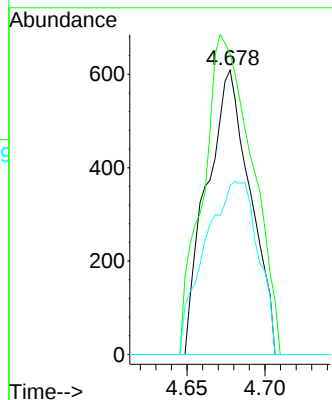
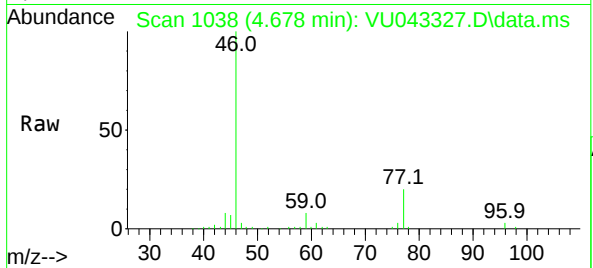




#22
 cis-1,2-Dichloroethene
 Concen: 0.16 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. 0.003 min
 Lab File: VU043327.D
 Acq: 26 Apr 2021 15:50

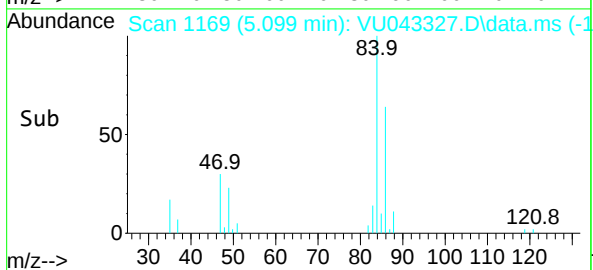
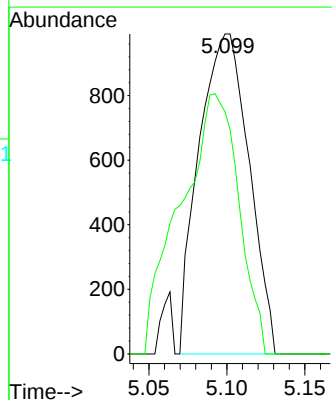
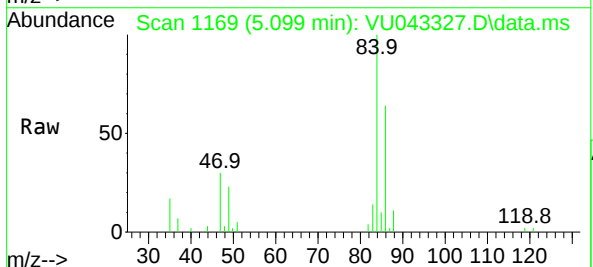
Instrument :
 MSVOA_U
 ClientSampled :

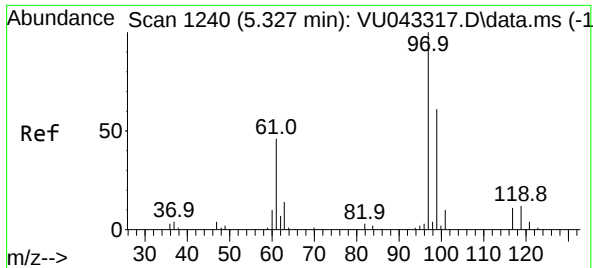
Tgt Ion:	96	Resp:	1180
Ion	Ratio	Lower	Upper
96	100		
61	105.7	87.4	162.4
98	59.4	47.7	88.5



#25
 Chloroform
 Concen: 0.15 ug/L
 RT: 5.099 min Scan# 1169
 Delta R.T. -0.000 min
 Lab File: VU043327.D
 Acq: 26 Apr 2021 15:50

Tgt Ion:	83	Resp:	2214
Ion	Ratio	Lower	Upper
83	100		
85	75.7	45.6	84.8

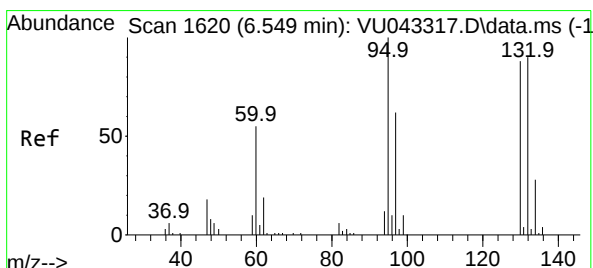
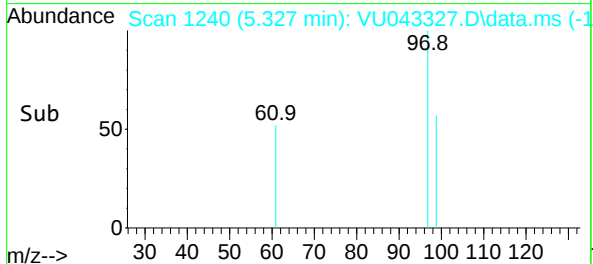
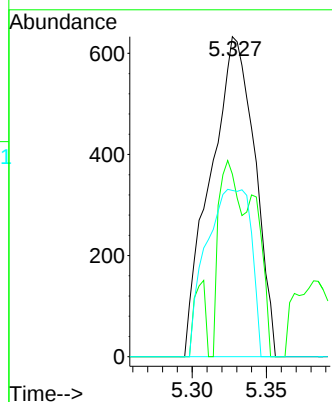
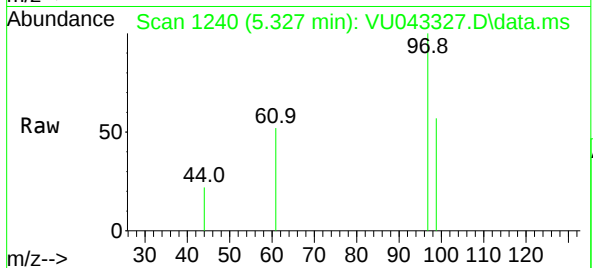




#29
1,1,1-Trichloroethane
Concen: 0.10 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU043327.D
Acq: 26 Apr 2021 15:50

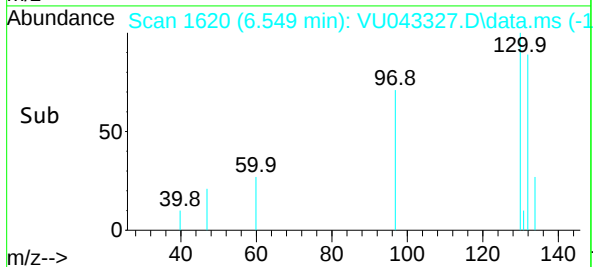
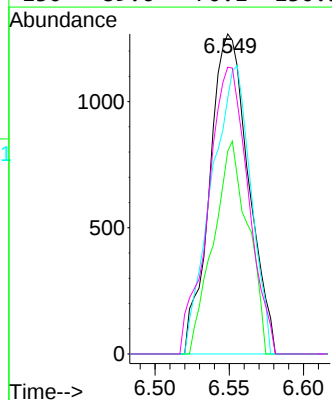
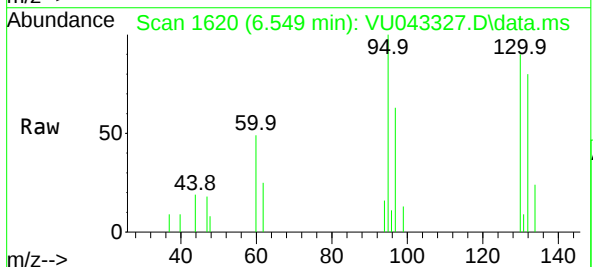
Instrument :
MSVOA_U
ClientSampleId :

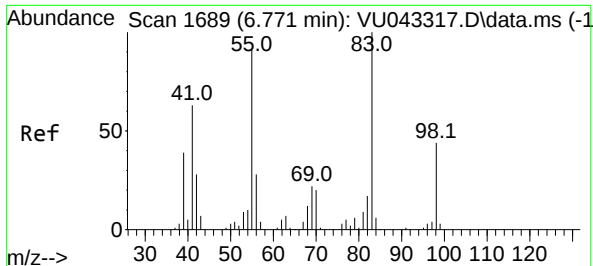
Tgt Ion: 97 Resp: 1310
Ion Ratio Lower Upper
97 100
99 29.5 50.3 75.5#
61 53.1 32.7 49.1#



#34
Trichloroethene
Concen: 0.29 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043327.D
Acq: 26 Apr 2021 15:50

Tgt Ion: 95 Resp: 2308
Ion Ratio Lower Upper
95 100
97 63.3 45.8 85.2
132 79.9 68.7 127.7
130 89.6 70.1 130.3





#35

Methylcyclohexane

Concen: 0.84 ug/L

RT: 6.700 min Scan# 1667

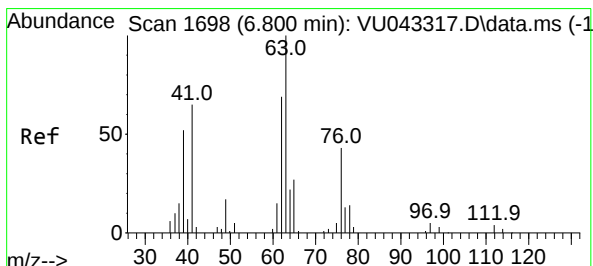
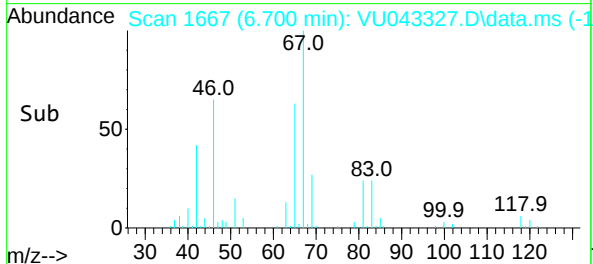
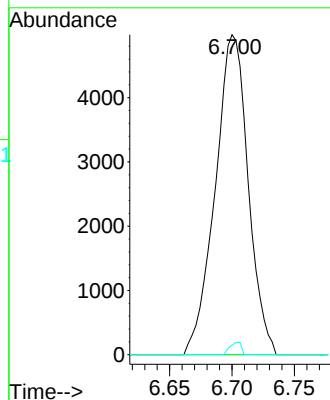
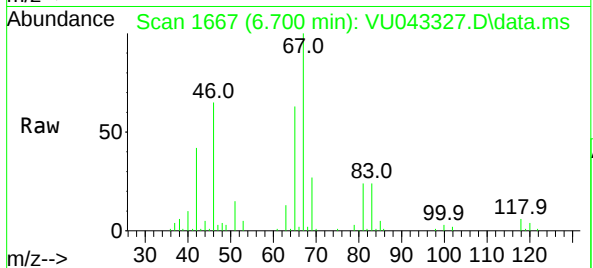
Delta R.T. -0.071 min

Lab File: VU043327.D

Acq: 26 Apr 2021 15:50

Tgt Ion:	83	Resp:	9169
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	1.3	37.9	56.9#

Instrument :
MSVOA_U
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.62 ug/L

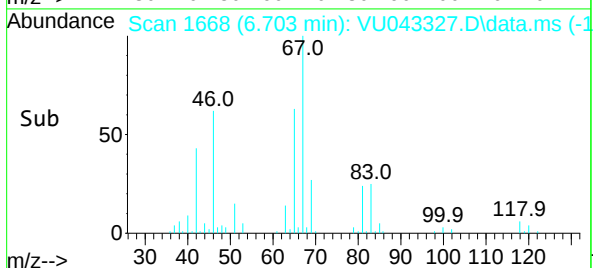
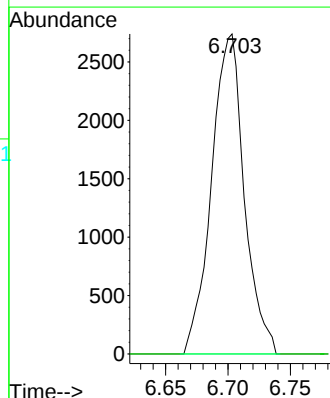
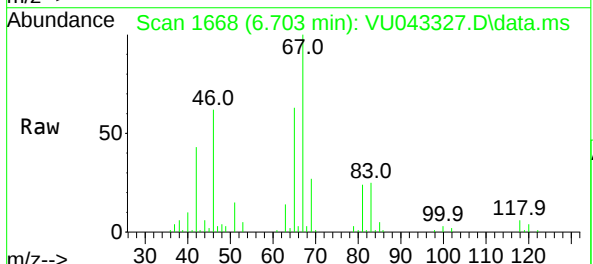
RT: 6.703 min Scan# 1668

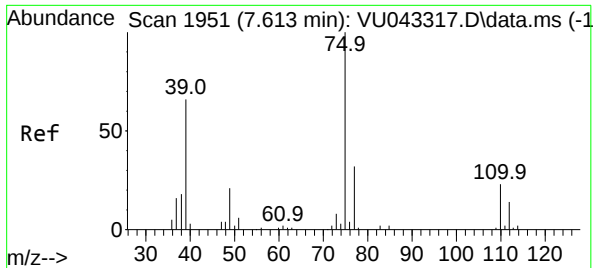
Delta R.T. -0.097 min

Lab File: VU043327.D

Acq: 26 Apr 2021 15:50

Tgt Ion:	63	Resp:	5011
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

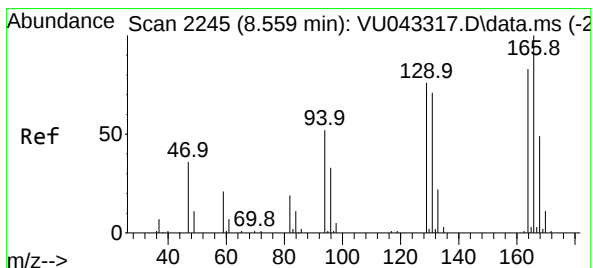
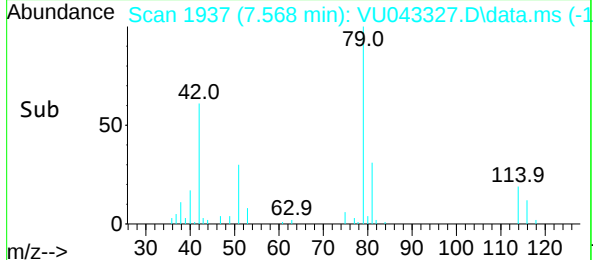
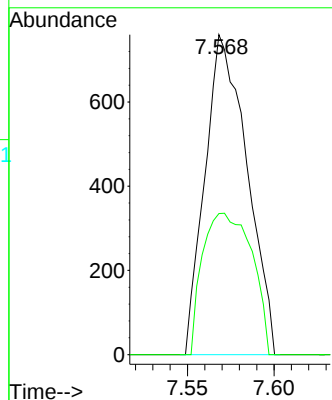
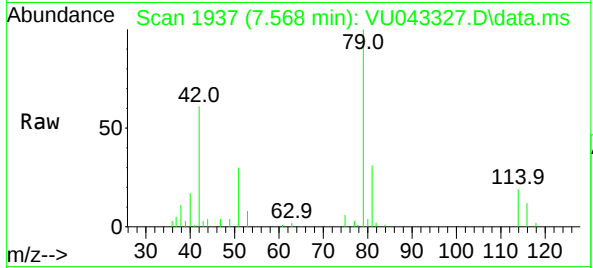




#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU043327.D
Acq: 26 Apr 2021 15:50

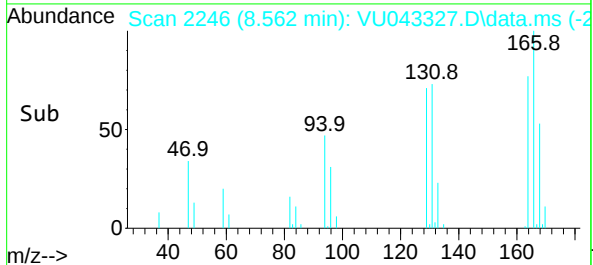
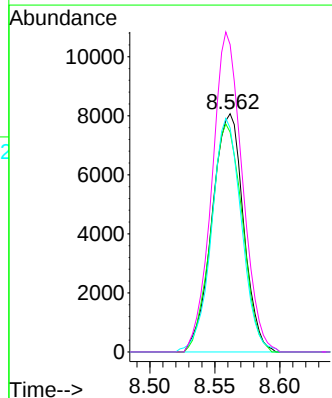
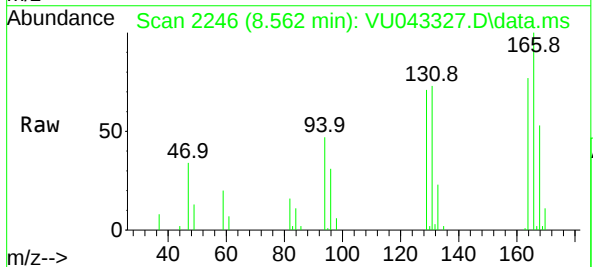
Instrument :
MSVOA_U
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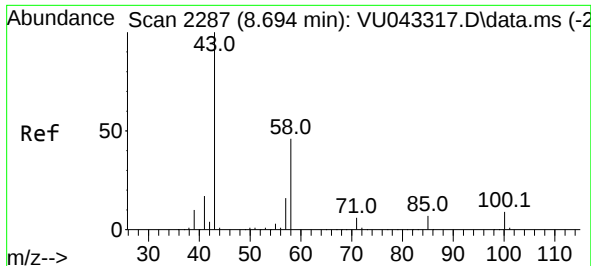
Tgt Ion: 75 Resp: 1278
Ion Ratio Lower Upper
75 100
77 44.1 21.8 40.6#



#47
Tetrachloroethene
Concen: 2.18 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU043327.D
Acq: 26 Apr 2021 15:50

Tgt Ion:164 Resp: 13578
Ion Ratio Lower Upper
164 100
129 92.2 66.6 123.8
131 94.0 65.9 122.3
166 129.0 93.7 173.9

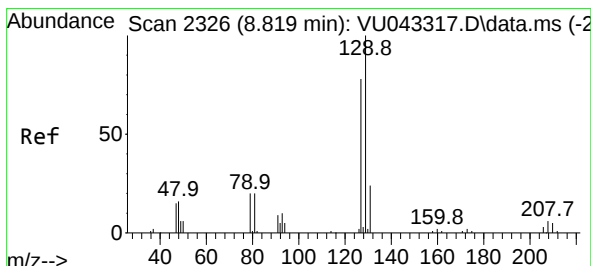
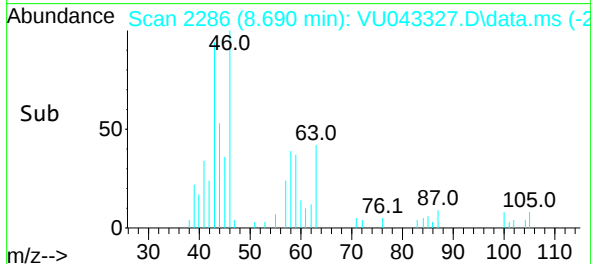
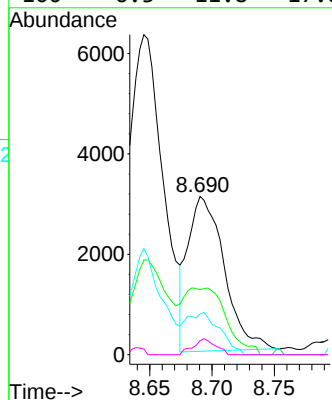
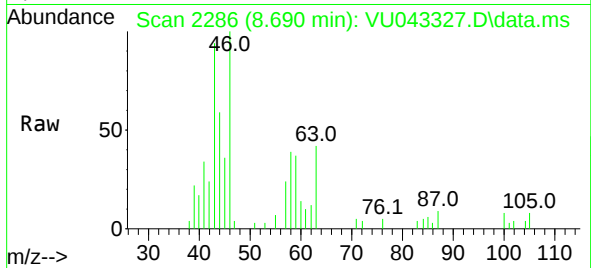




#48
2-Hexanone
Concen: 1.17 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.003 min
Lab File: VU043327.D
Acq: 26 Apr 2021 15:50

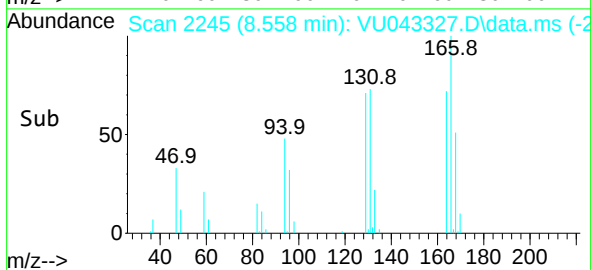
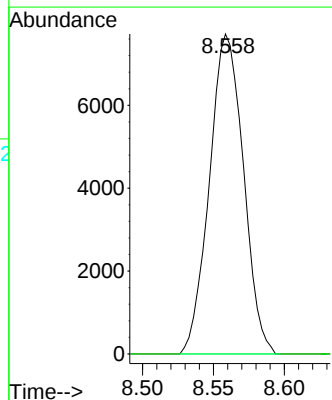
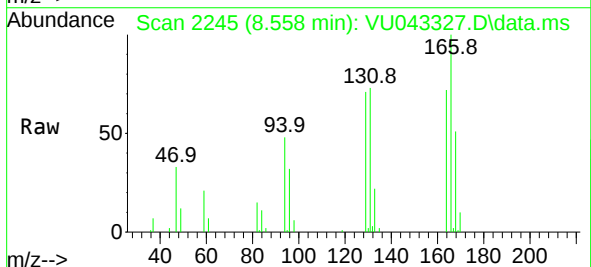
Instrument :
MSVOA_U
ClientSampled :

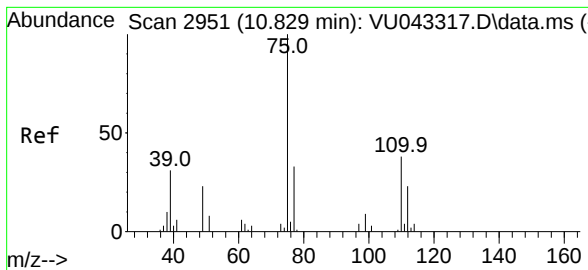
Tgt Ion: 43	Resp: 6212
Ion Ratio	Lower Upper
43	100
58	4.7 50.0 75.0#
57	25.4 17.4 26.0
100	6.3 11.8 17.8#



#49
Dibromochloromethane
Concen: 1.70 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU043327.D
Acq: 26 Apr 2021 15:50

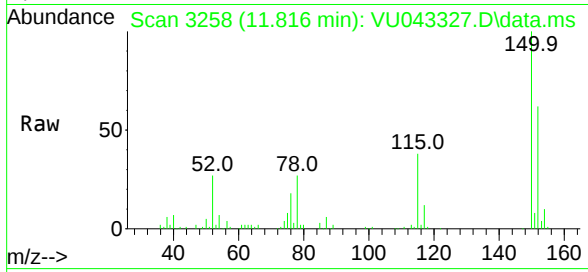
Tgt Ion: 129	Resp: 12893
Ion Ratio	Lower Upper
129	100
127	0.0 56.6 105.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.20 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU043327.D
 Acq: 26 Apr 2021 15:50

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6166
 Ion Ratio Lower Upper
 75 100
 110 1.7 31.5 47.3#
 77 35.5 26.3 39.5

