

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043127.D
 Acq On : 15 Apr 2021 17:44
 Operator : SY/MD
 Sample : M1986-04DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 05:37:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 05:01:39 2021
 Response via : Initial Calibration

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

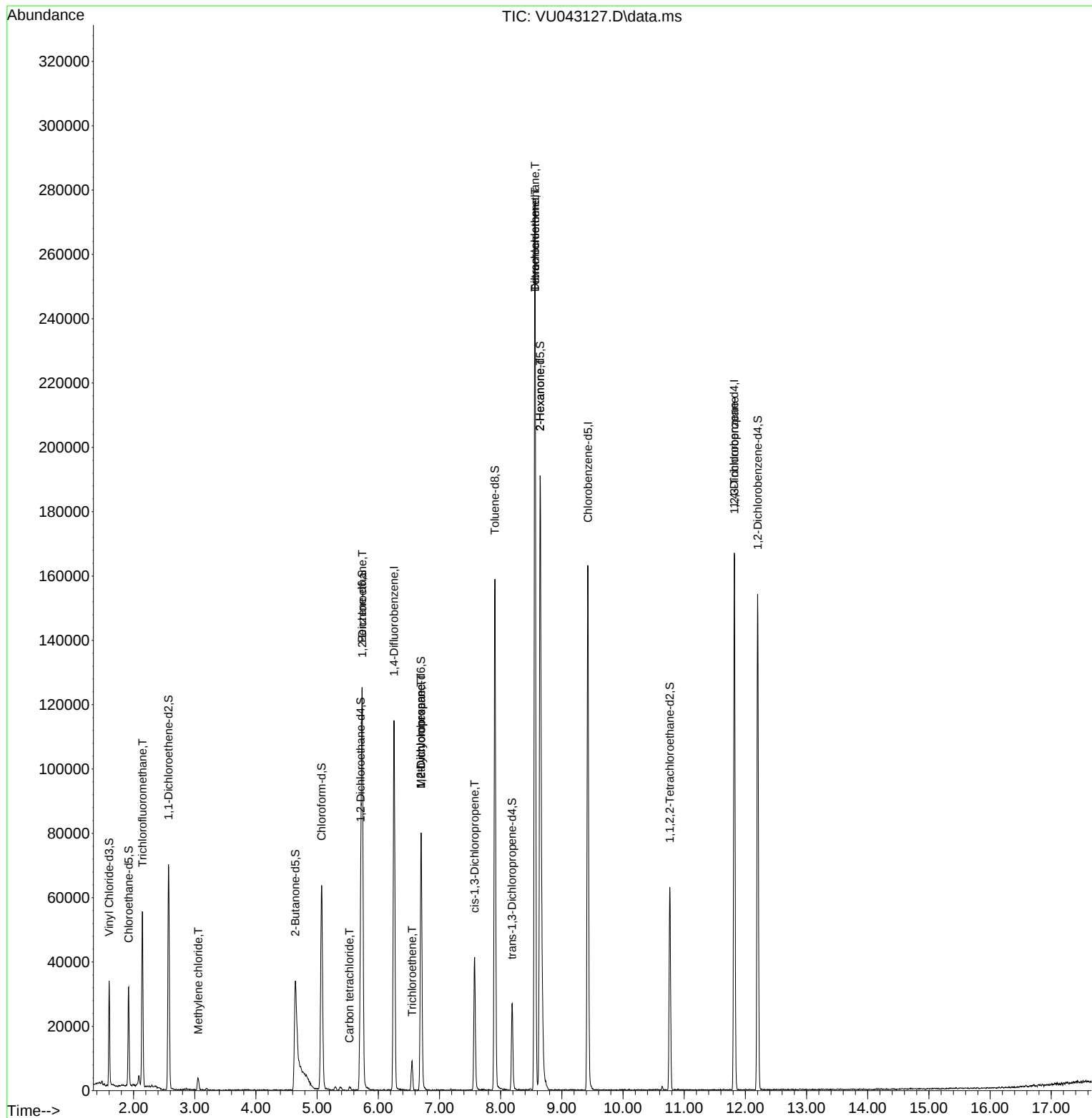
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	85615	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.427	117	83441	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	41470	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	21926	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.919	69	20921	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.572	65	13635	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.20%
20) 2-Butanone-d5	4.646	46	72020	37.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.44%
24) Chloroform-d	5.073	84	55096	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.713	65	36544	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.736	84	101964	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.700	67	34053	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.906	98	97376	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloroprop...	8.186	79	14494	5.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.80%
46) 2-Hexanone-d5	8.645	63	78176	55.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.18%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	29466	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	37876	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	34026	3.25	ug/L	96
16) Methylene chloride	3.057	84	1611	0.26	ug/L	98
27) 1,2-Dichloroethane	5.739	62	650	0.08	ug/L	# 74
31) Carbon tetrachloride	5.530	117	814	0.09	ug/L	94
34) Trichloroethene	6.552	95	3046	0.50	ug/L	89
35) Methylcyclohexane	6.700	83	8487	1.00	ug/L	# 19
37) 1,2-Dichloropropane	6.700	63	4255	0.68	ug/L	# 87
39) cis-1,3-Dichloropropene	7.575	75	1127	0.12	ug/L	# 75
47) Tetrachloroethene	8.562	164	58569	12.02	ug/L	94
48) 2-Hexanone	8.645	43	12092	2.92	ug/L	# 60
49) Dibromochloromethane	8.562	129	52541	8.87	ug/L	# 9
61) 1,2,3-Trichloropropane	11.822	75	5879	1.37	ug/L	# 64

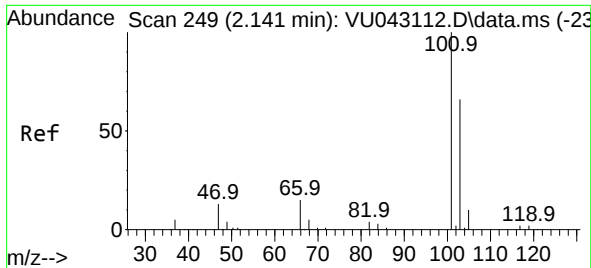
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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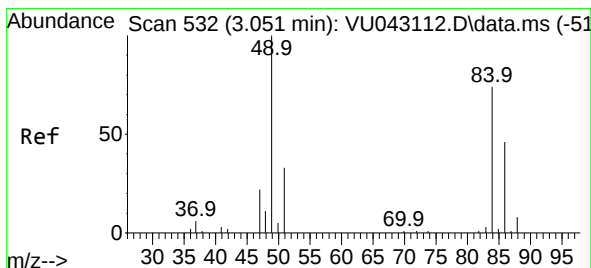
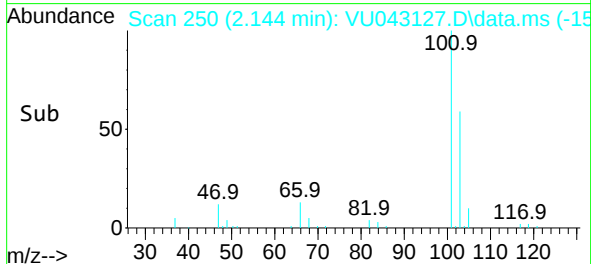
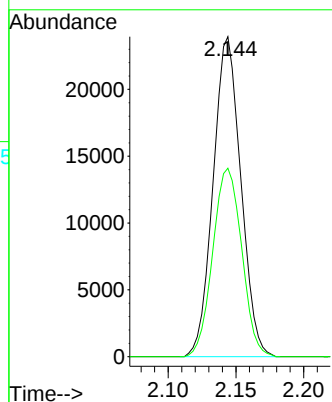
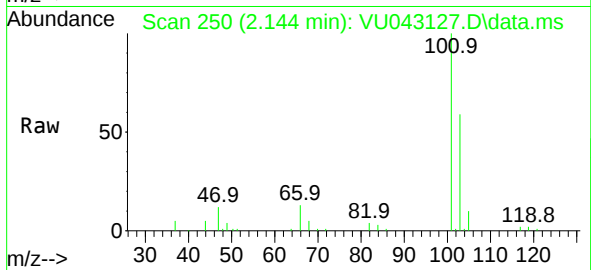




#9
 Trichlorofluoromethane
 Concen: 3.25 ug/L
 RT: 2.144 min Scan# 250
 Delta R.T. 0.003 min
 Lab File: VU043127.D
 Acq: 15 Apr 2021 17:44

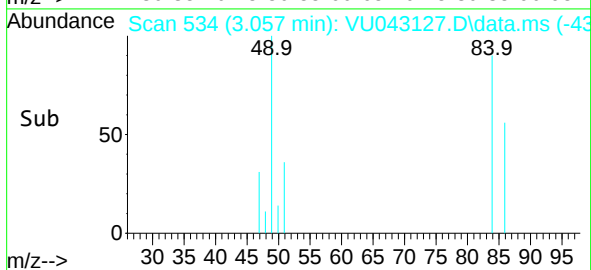
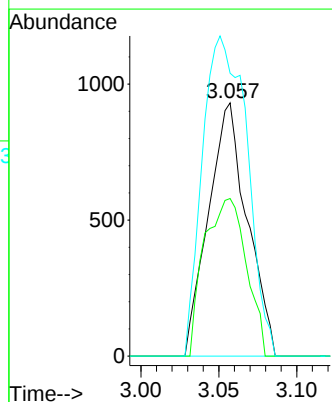
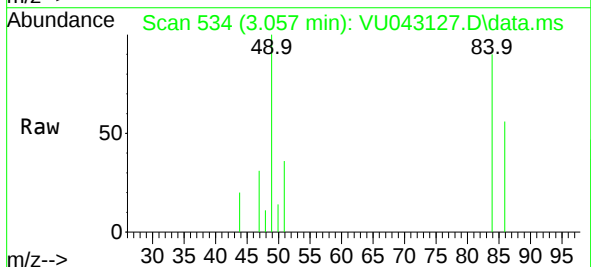
Instrument :
 MSVOA_U
 ClientSampleId :

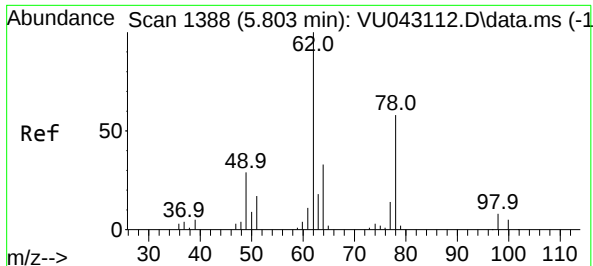
Tgt Ion:101 Resp: 34026
 Ion Ratio Lower Upper
 101 100
 103 61.5 51.5 77.3



#16
 Methylene chloride
 Concen: 0.26 ug/L
 RT: 3.057 min Scan# 534
 Delta R.T. 0.006 min
 Lab File: VU043127.D
 Acq: 15 Apr 2021 17:44

Tgt Ion: 84 Resp: 1611
 Ion Ratio Lower Upper
 84 100
 86 62.2 44.9 83.5
 49 111.7 79.0 146.8



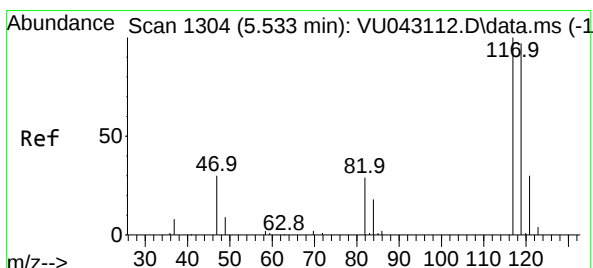
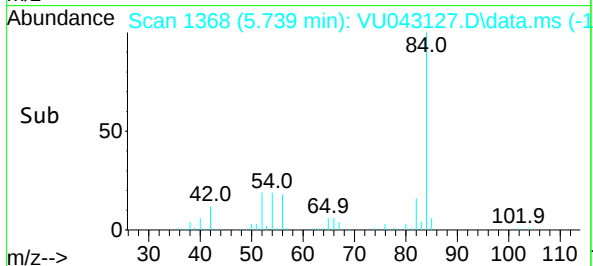
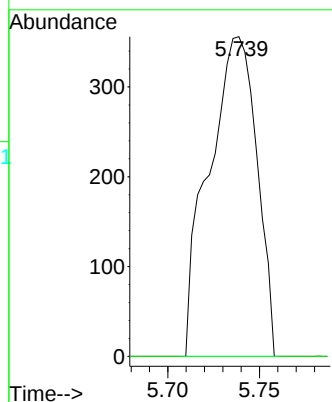
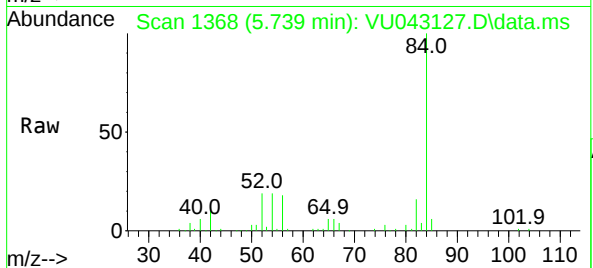


#27

1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.064 min
Lab File: VU043127.D
Acq: 15 Apr 2021 17:44

Instrument :
MSVOA_U
ClientSampled :

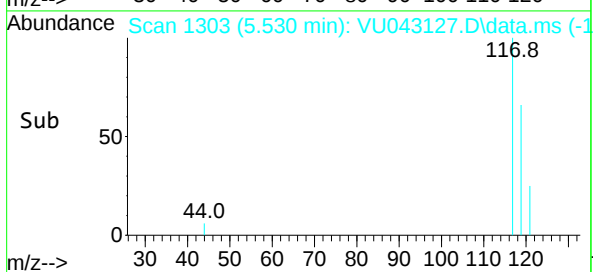
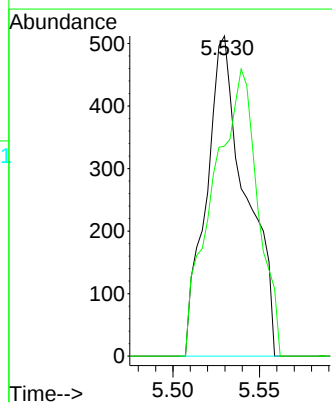
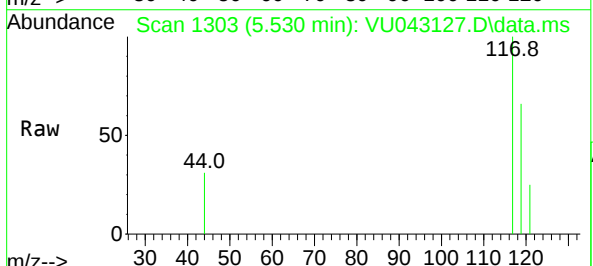
Tgt Ion: 62 Resp: 650
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#

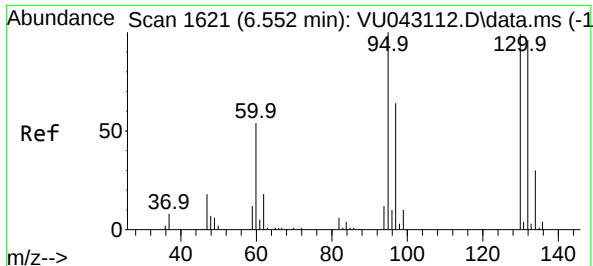


#31

Carbon tetrachloride
Concen: 0.09 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.003 min
Lab File: VU043127.D
Acq: 15 Apr 2021 17:44

Tgt Ion: 117 Resp: 814
Ion Ratio Lower Upper
117 100
119 101.1 76.2 114.4



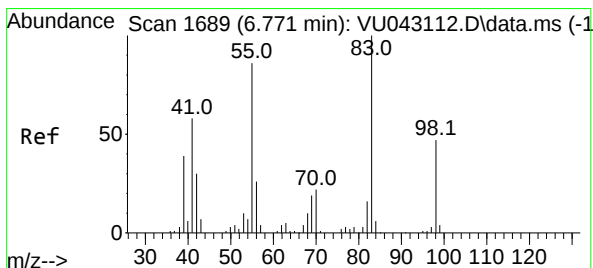
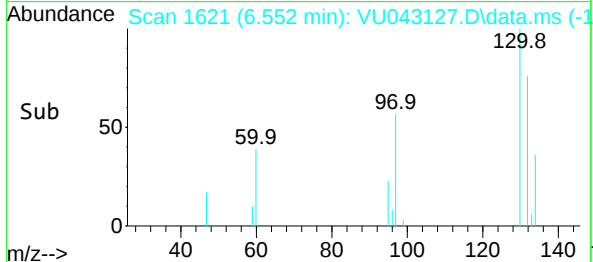
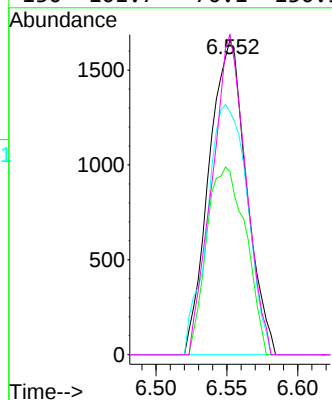
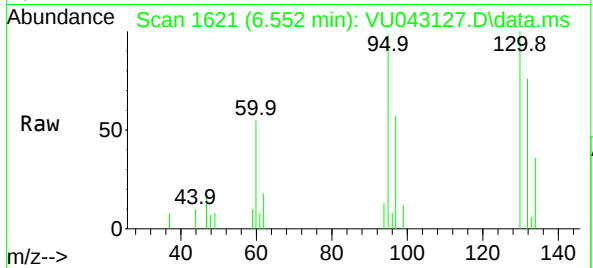


#34
Trichloroethene
Concen: 0.50 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU043127.D
Acq: 15 Apr 2021 17:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 3046

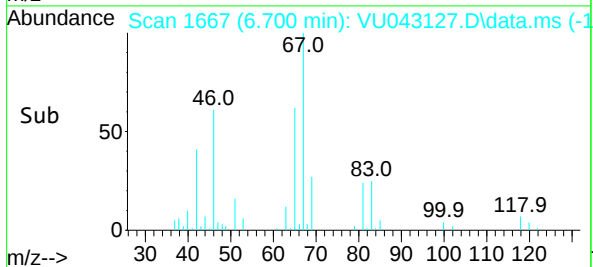
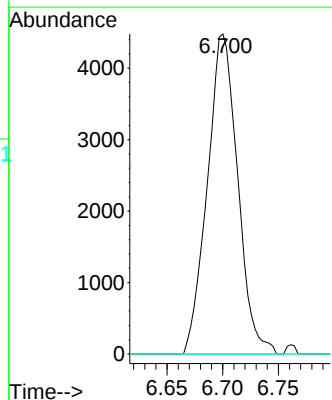
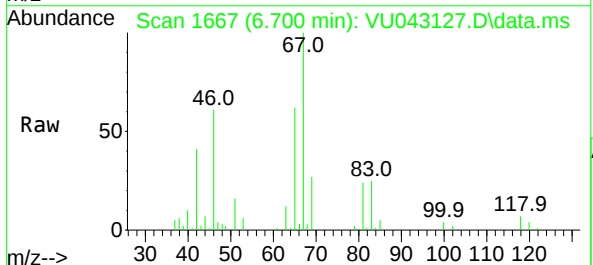
Ion	Ratio	Lower	Upper
95	100		
97	58.3	45.8	85.2
132	77.3	68.7	127.7
130	101.7	70.1	130.3

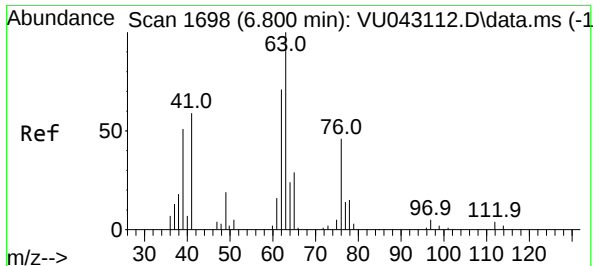


#35
Methylcyclohexane
Concen: 1.00 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043127.D
Acq: 15 Apr 2021 17:44

Tgt Ion: 83 Resp: 8487

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.8	37.9	56.9#



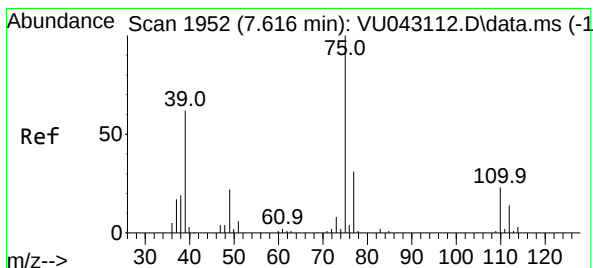
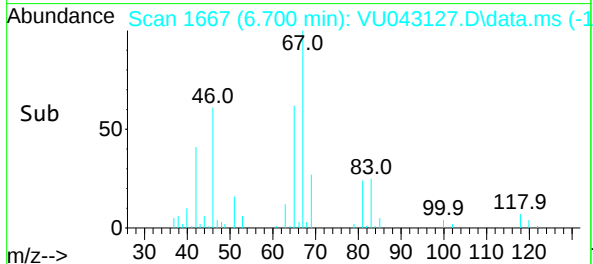
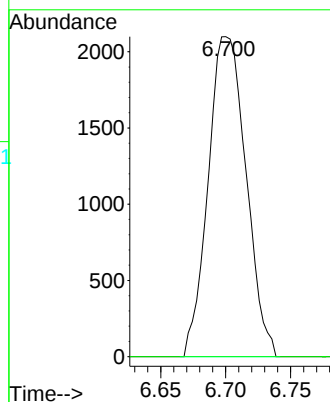
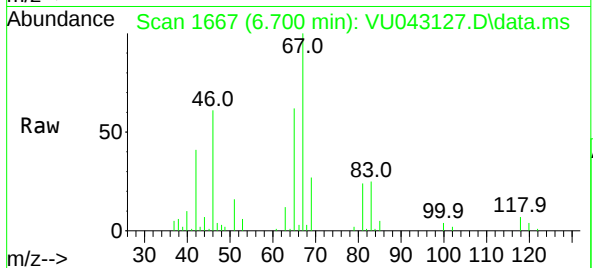


#37

1,2-Dichloropropane
Concen: 0.68 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043127.D
Acq: 15 Apr 2021 17:44

Instrument :
MSVOA_U
ClientSampled :

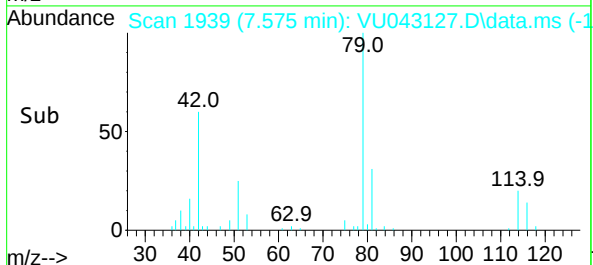
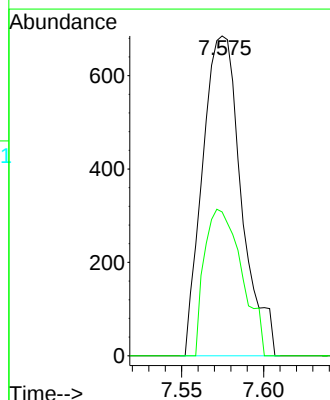
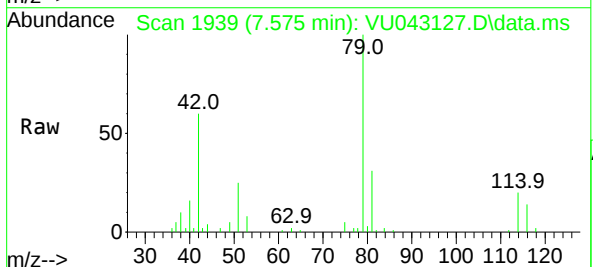
Tgt Ion: 63 Resp: 4255
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

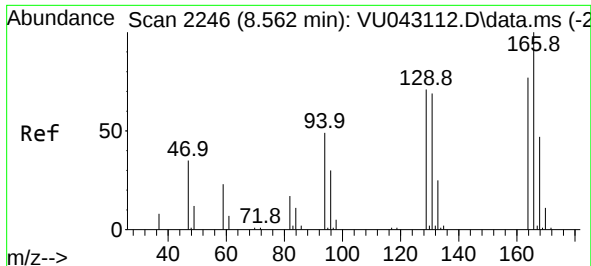


#39

cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043127.D
Acq: 15 Apr 2021 17:44

Tgt Ion: 75 Resp: 1127
Ion Ratio Lower Upper
75 100
77 45.0 21.8 40.6#

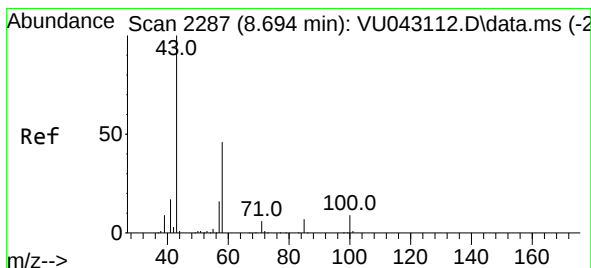
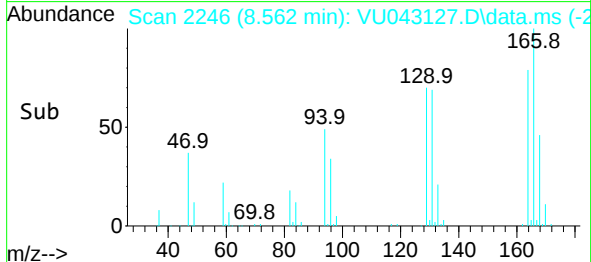
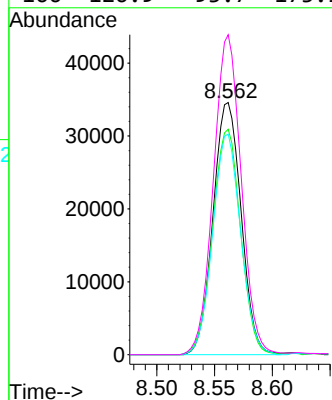
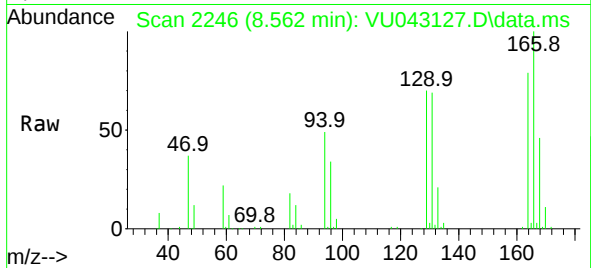




#47
Tetrachloroethene
Concen: 12.02 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043127.D
Acq: 15 Apr 2021 17:44

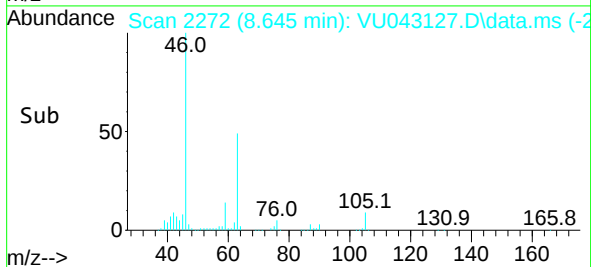
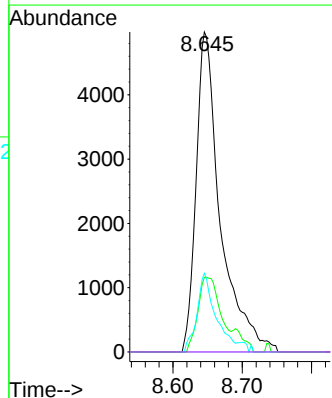
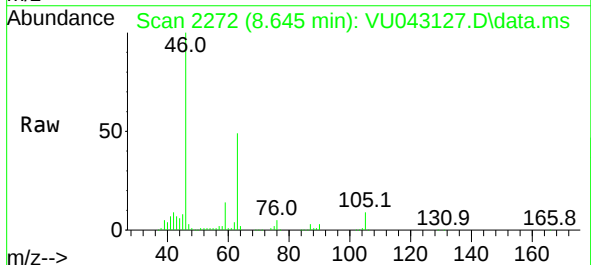
Instrument :
MSVOA_U
ClientSampleId :

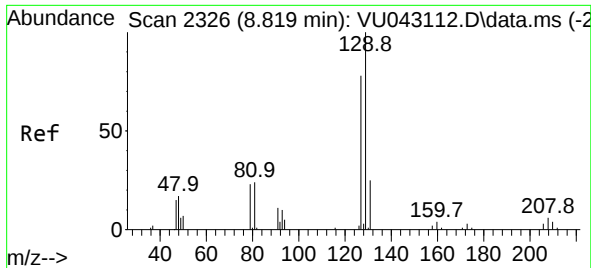
Tgt Ion:164 Resp: 58569
Ion Ratio Lower Upper
164 100
129 89.4 66.6 123.8
131 87.5 65.9 122.3
166 126.9 93.7 173.9



#48
2-Hexanone
Concen: 2.92 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU043127.D
Acq: 15 Apr 2021 17:44

Tgt Ion: 43 Resp: 12092
Ion Ratio Lower Upper
43 100
58 21.6 50.0 75.0#
57 19.1 17.4 26.0
100 0.0 11.8 17.8#





#49

Dibromochloromethane

Concen: 8.87 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.257 min

Lab File: VU043127.D

Acq: 15 Apr 2021 17:44

Tgt Ion: 129 Resp: 52541

Ion Ratio Lower Upper

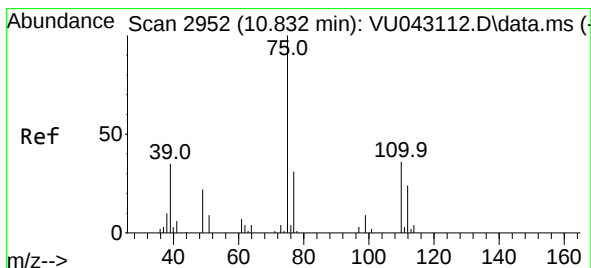
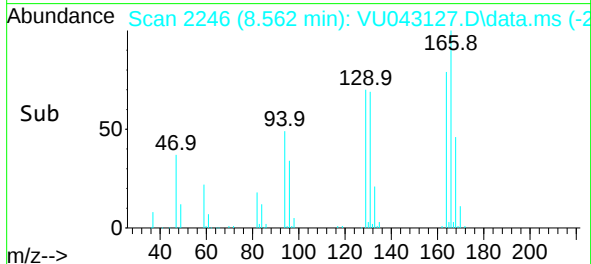
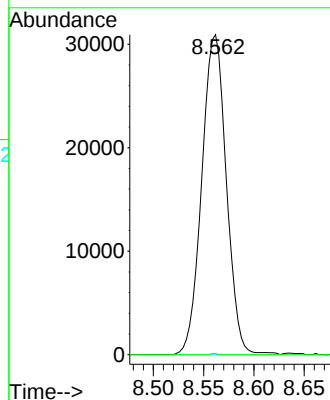
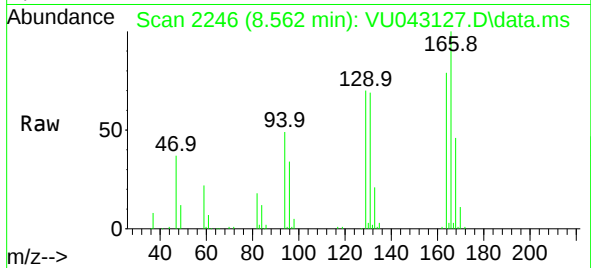
129 100

127 0.4 56.6 105.2#

Instrument :

MSVOA_U

ClientSampled :



#61

1,2,3-Trichloropropane

Concen: 1.37 ug/L

RT: 11.822 min Scan# 3260

Delta R.T. 0.990 min

Lab File: VU043127.D

Acq: 15 Apr 2021 17:44

Tgt Ion: 75 Resp: 5879

Ion Ratio Lower Upper

75 100

110 2.2 31.5 47.3#

77 37.1 26.3 39.5

