

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043137.D
 Acq On : 15 Apr 2021 22:09
 Operator : SY/MD
 Sample : M2055-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 07:15:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 07:14:05 2021
 Response via : Initial Calibration

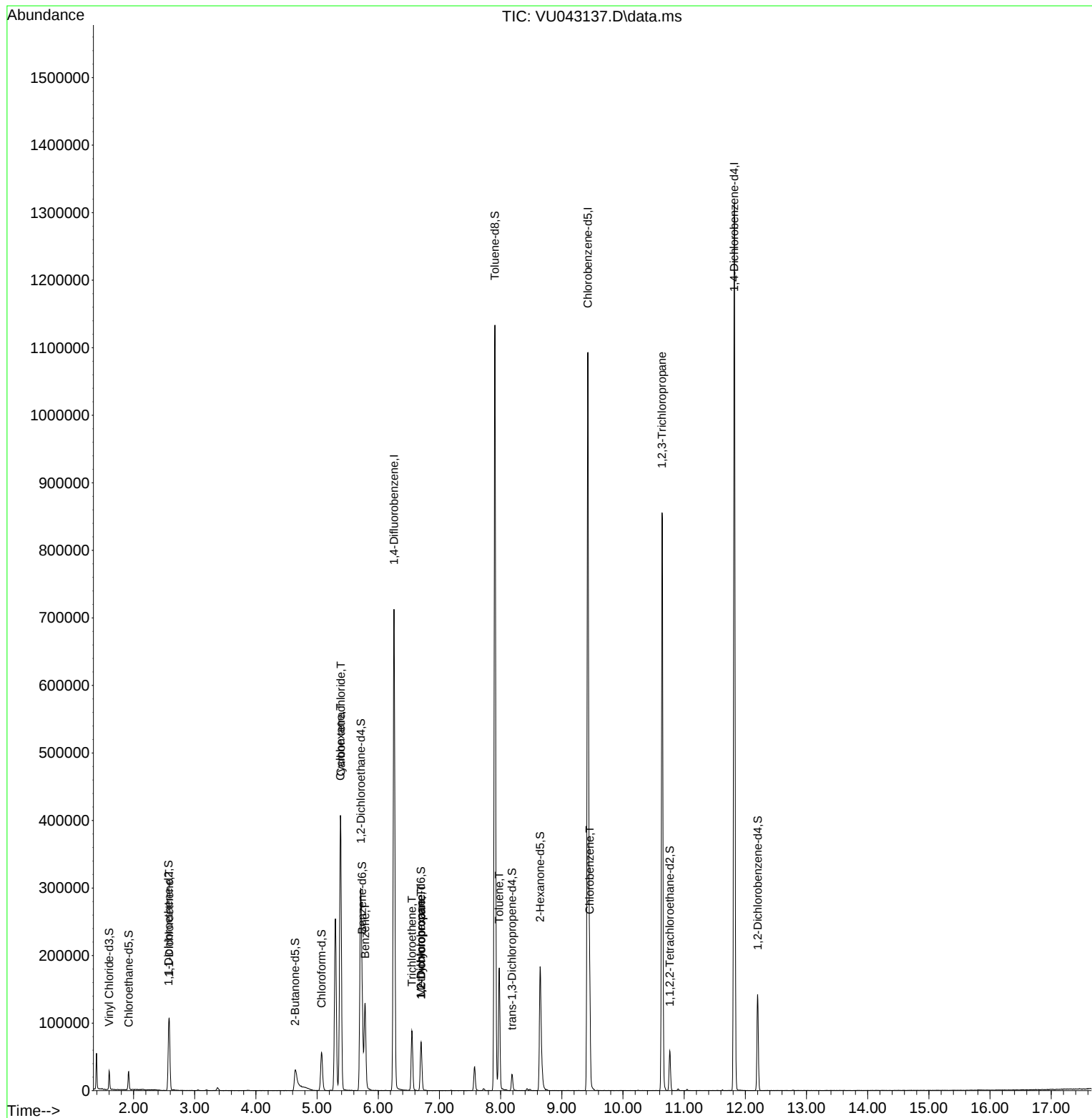
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	532622	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	550331	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	316030	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	18427	0.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	13.60%#
7) Chloroethane-d5	1.919	69	18350	0.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	14.40%#
11) 1,1-Dichloroethene-d2	2.572	65	11648	0.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	14.80%#
20) 2-Butanone-d5	4.642	46	69642	5.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	11.72%#
24) Chloroform-d	5.073	84	48891	0.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	14.20%#
26) 1,2-Dichloroethane-d4	5.713	65	222400	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.736	84	90783	0.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	14.20%#
36) 1,2-Dichloropropane-d6	6.697	67	30734	0.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	14.40%#
41) Toluene-d8	7.906	98	690809	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
43) trans-1,3-Dichloroprop...	8.186	79	12810	0.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	13.60%#
46) 2-Hexanone-d5	8.645	63	71058	7.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	15.18%#
56) 1,1,2,2-Tetrachloroeth...	10.764	84	26770	0.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	14.40%#
66) 1,2-Dichlorobenzene-d4	12.202	152	34027	0.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	12.60%#
Target Compounds						
12) 1,1-Dichloroethene	2.585	96	20690	0.70	ug/L	76
30) Cyclohexane	5.379	56	6946	0.12	ug/L #	43
31) Carbon tetrachloride	5.385	117	27051	0.48	ug/L #	7
33) Benzene	5.784	78	105726	0.72	ug/L	100
34) Trichloroethene	6.549	95	28208	0.70	ug/L	97
35) Methylcyclohexane	6.700	83	6913	0.12	ug/L #	19
37) 1,2-Dichloropropane	6.703	63	3685	0.09	ug/L #	87
42) Toluene	7.977	91	121872	0.74	ug/L	95
51) Chlorobenzene	9.456	112	77481	0.74	ug/L	94
61) 1,2,3-Trichloropropane	10.639	75	145492	4.46	ug/L #	39

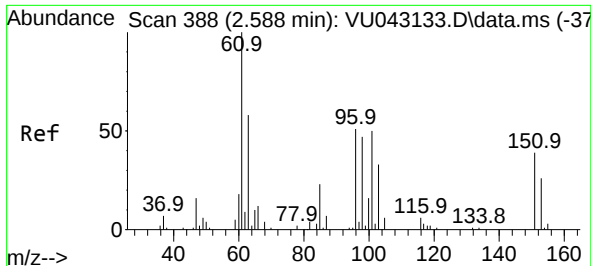
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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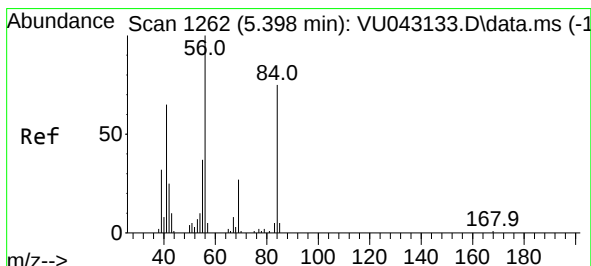
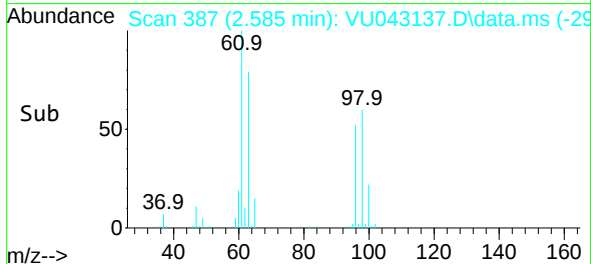
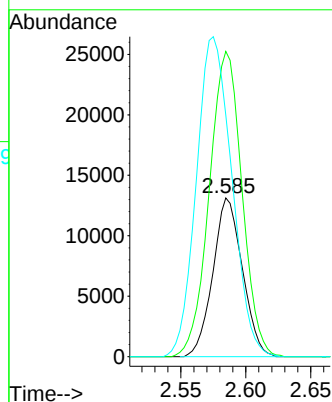
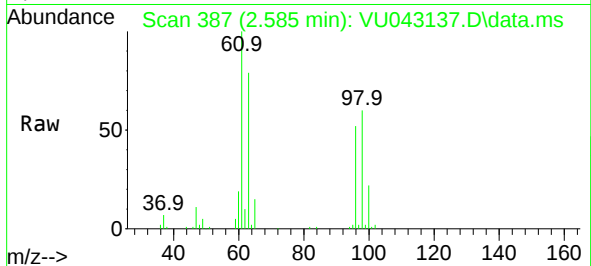




#12
1,1-Dichloroethene
Concen: 0.70 ug/L
RT: 2.585 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU043137.D
Acq: 15 Apr 2021 22:09

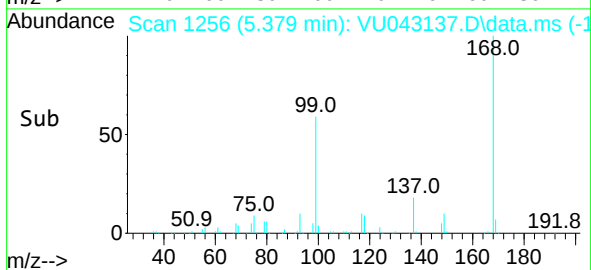
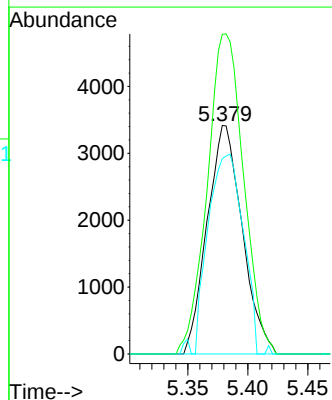
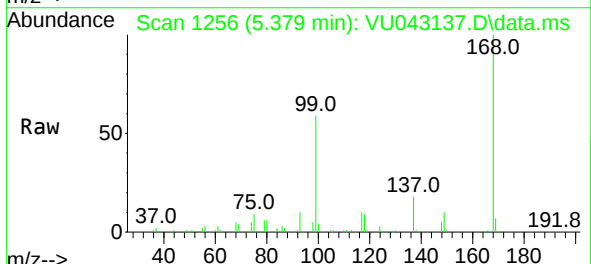
Instrument :
MSVOA_U
ClientSampled :

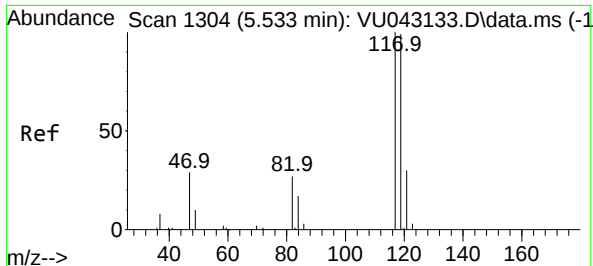
Tgt Ion: 96 Resp: 20690
Ion Ratio Lower Upper
96 100
61 192.2 115.1 213.7
63 152.2 84.1 156.1



#30
Cyclohexane
Concen: 0.12 ug/L
RT: 5.379 min Scan# 1256
Delta R.T. -0.019 min
Lab File: VU043137.D
Acq: 15 Apr 2021 22:09

Tgt Ion: 56 Resp: 6946
Ion Ratio Lower Upper
56 100
69 144.9 25.2 37.8#
84 86.9 76.2 114.4

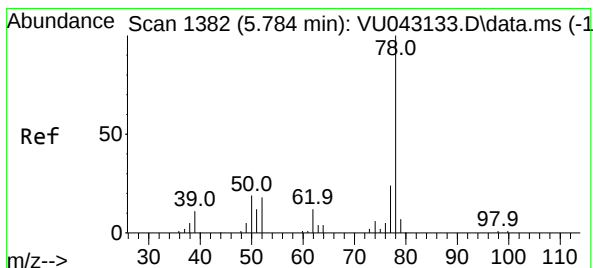
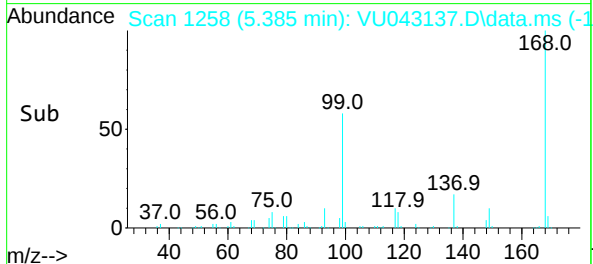
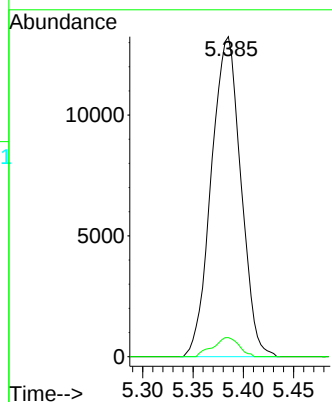
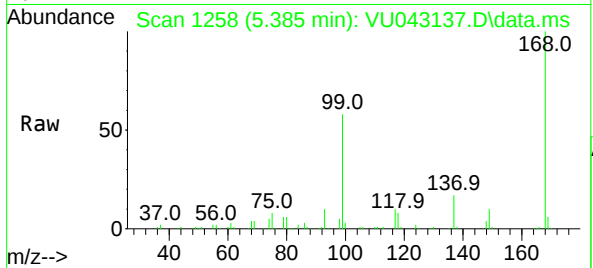




#31
Carbon tetrachloride
Concen: 0.48 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU043137.D
Acq: 15 Apr 2021 22:09

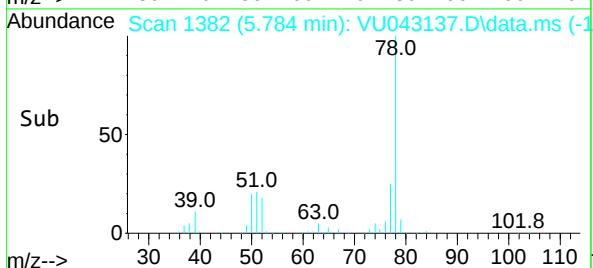
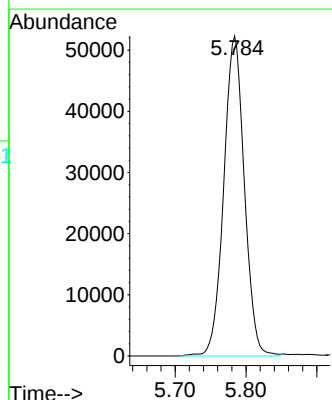
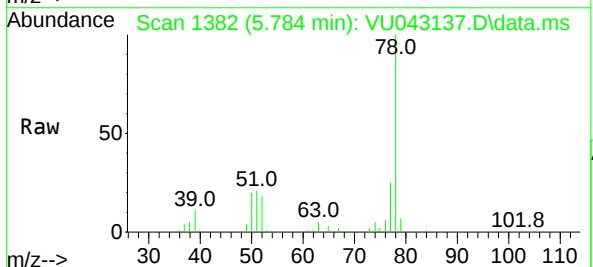
Instrument :
MSVOA_U
ClientSampled :

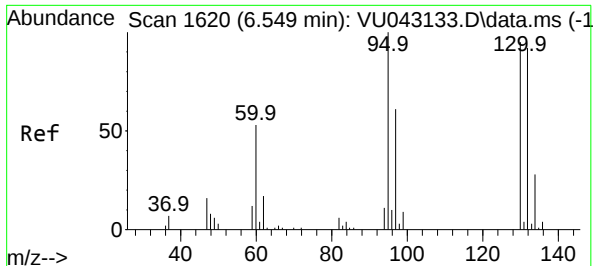
Tgt Ion:117 Resp: 27051
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.4#



#33
Benzene
Concen: 0.72 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043137.D
Acq: 15 Apr 2021 22:09

Tgt Ion: 78 Resp: 105726

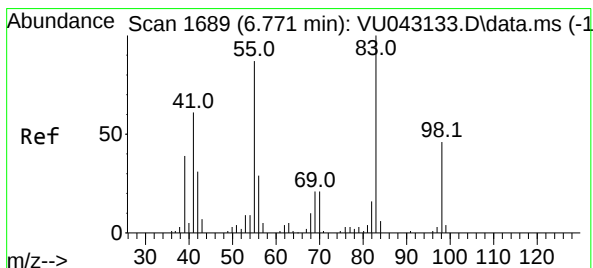
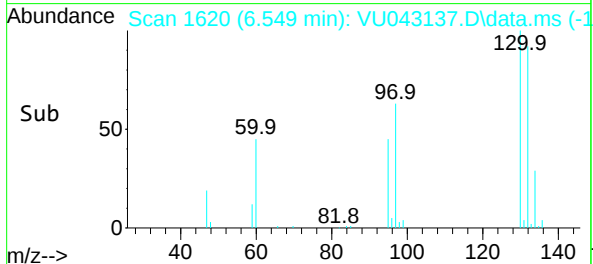
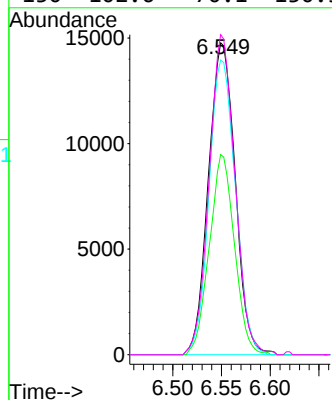
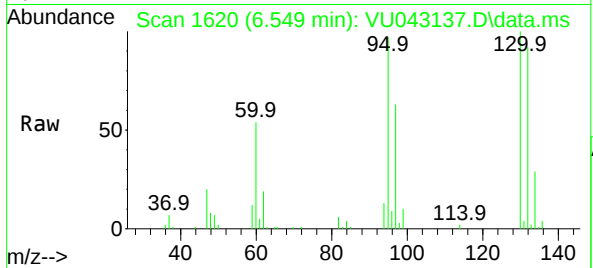




#34
Trichloroethene
Concen: 0.70 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043137.D
Acq: 15 Apr 2021 22:09

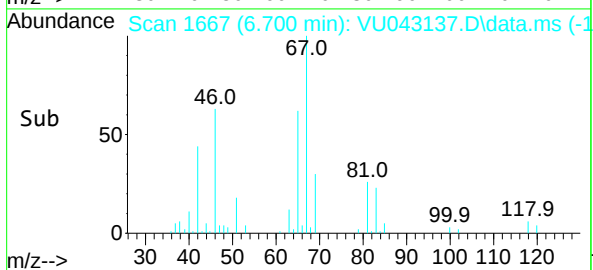
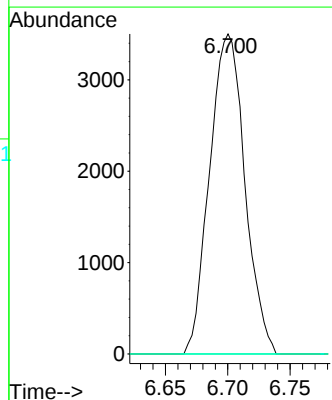
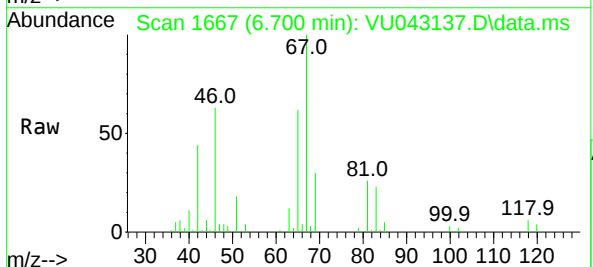
Instrument :
MSVOA_U
ClientSampleId :

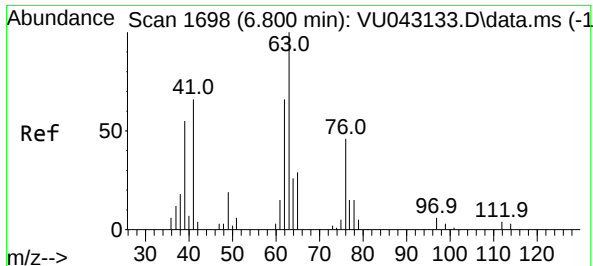
Tgt Ion:	95	Resp:	28208
Ion	Ratio	Lower	Upper
95	100		
97	64.2	45.8	85.2
132	94.4	68.7	127.7
130	102.6	70.1	130.3



#35
Methylcyclohexane
Concen: 0.12 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.070 min
Lab File: VU043137.D
Acq: 15 Apr 2021 22:09

Tgt Ion:	83	Resp:	6913
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.9	37.9	56.9#



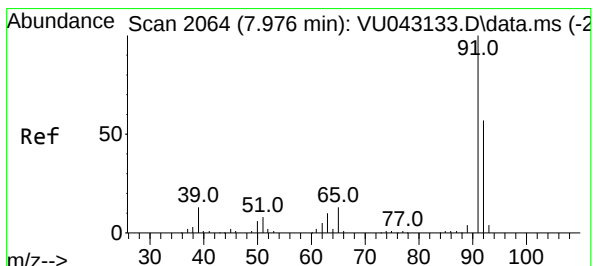
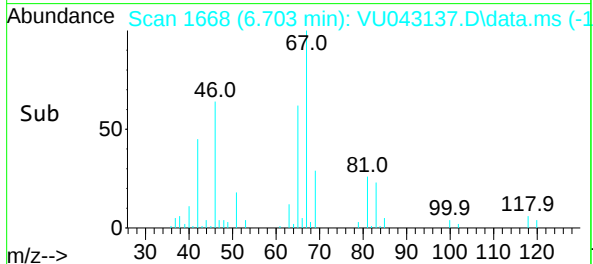
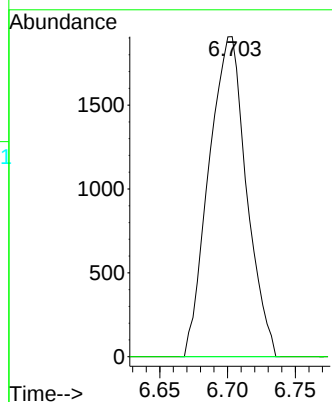
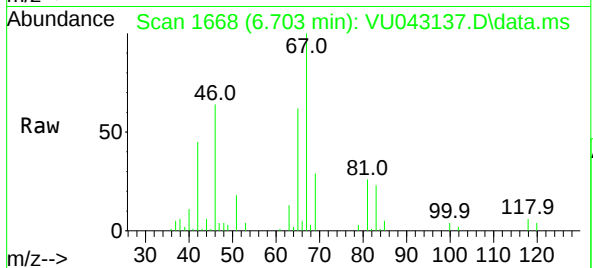


#37

1,2-Dichloropropane
Concen: 0.09 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU043137.D
Acq: 15 Apr 2021 22:09

Instrument :
MSVOA_U
ClientSampleId :

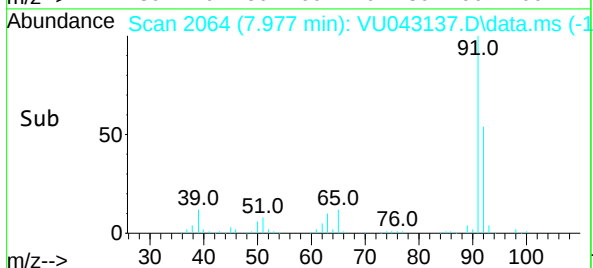
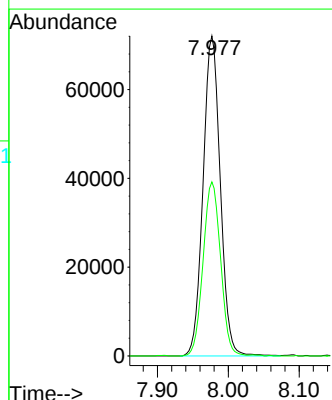
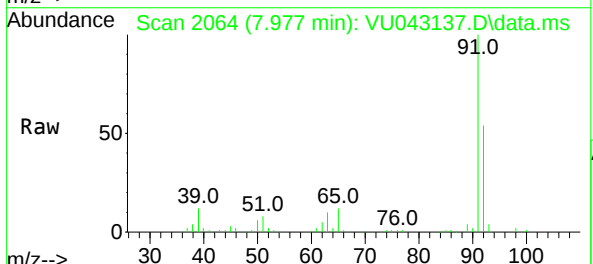
Tgt Ion: 63 Resp: 3685
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

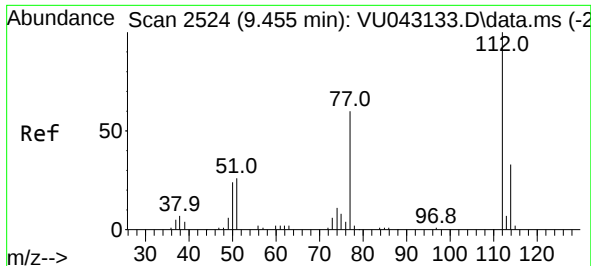


#42

Toluene
Concen: 0.74 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043137.D
Acq: 15 Apr 2021 22:09

Tgt Ion: 91 Resp: 121872
Ion Ratio Lower Upper
91 100
92 54.4 40.9 76.0

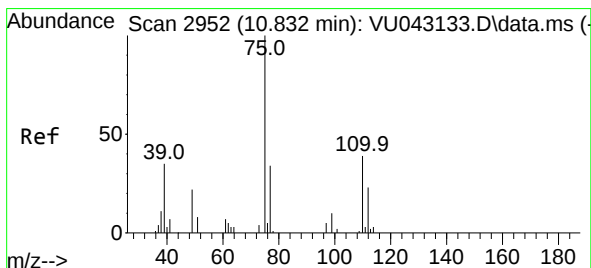
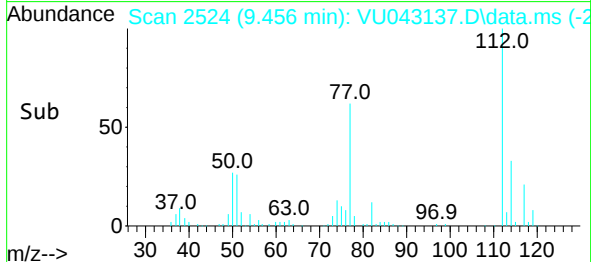
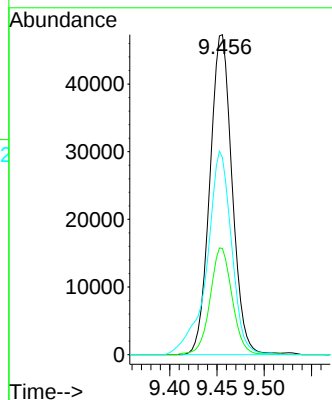
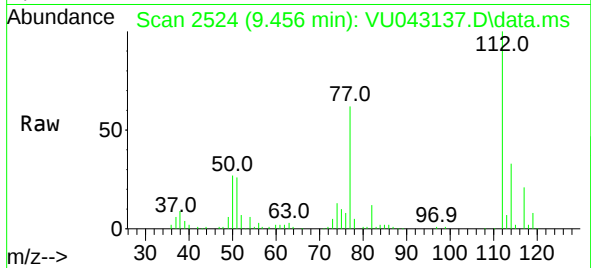




#51
Chlorobenzene
Concen: 0.74 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU043137.D
Acq: 15 Apr 2021 22:09

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:112 Resp: 77481
Ion Ratio Lower Upper
112 100
114 33.2 21.9 40.7
77 61.6 45.1 67.7



#61
1,2,3-Trichloropropane
Concen: 4.46 ug/L
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU043137.D
Acq: 15 Apr 2021 22:09

Tgt Ion: 75 Resp: 145492
Ion Ratio Lower Upper
75 100
110 0.1 31.5 47.3#
77 0.0 26.3 39.5#

