

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043152.D
 Acq On : 16 Apr 2021 04:10
 Operator : SY/MD
 Sample : M2055-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 07:18:46 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	66376	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	66077	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	31085	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	16592	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.919	69	16736	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.575	65	10563	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.20%
20) 2-Butanone-d5	4.645	46	96689	65.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.62%#
24) Chloroform-d	5.073	84	47191	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
26) 1,2-Dichloroethane-d4	5.713	65	31031	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.735	84	84223	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
36) 1,2-Dichloropropane-d6	6.700	67	29472	5.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.60%
41) Toluene-d8	7.906	98	76572	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloroprop...	8.185	79	11170	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.645	63	64164	57.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.20%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	25780	5.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	31164	5.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.00%

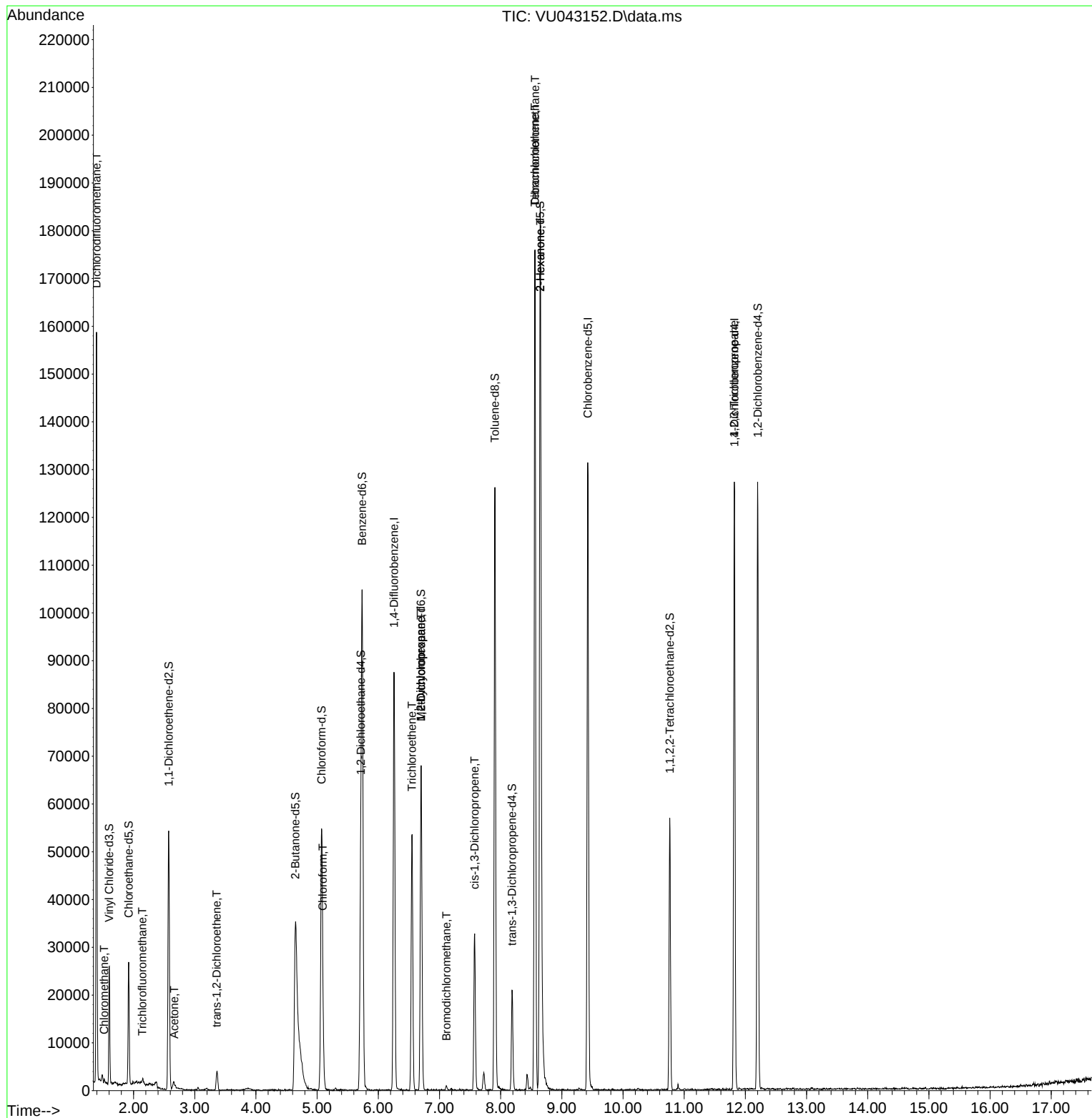
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.395	85	1724	0.41	ug/L	97
3) Chloromethane	1.520	50	448	0.11	ug/L	86
9) Trichlorofluoromethane	2.141	101	637	0.08	ug/L	95
13) Acetone	2.665	43	2527	2.32	ug/L	88
18) trans-1,2-Dichloroethene	3.359	96	1619	0.41	ug/L	88
25) Chloroform	5.092	83	5423	0.59	ug/L	96
34) Trichloroethene	6.549	95	16775	3.45	ug/L	99
35) Methylcyclohexane	6.700	83	6610	0.98	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	3605	0.72	ug/L #	87
38) Bromodichloromethane	7.112	83	797	0.12	ug/L #	73
39) cis-1,3-Dichloropropene	7.575	75	819	0.11	ug/L	87
47) Tetrachloroethene	8.558	164	35956	9.32	ug/L	94
48) 2-Hexanone	8.648	43	11699	3.57	ug/L #	66
49) Dibromochloromethane	8.562	129	33255	7.09	ug/L #	9
61) 1,2,3-Trichloropropane	11.819	75	4267	1.33	ug/L #	61

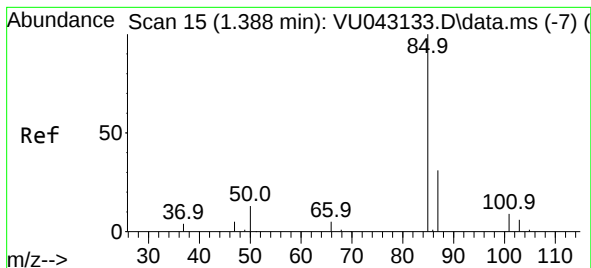
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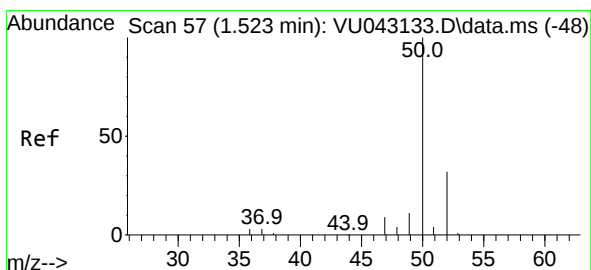
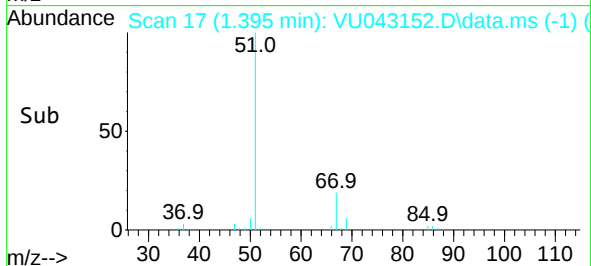
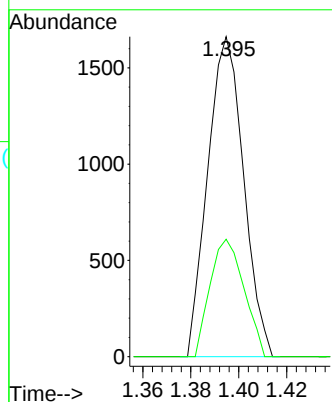
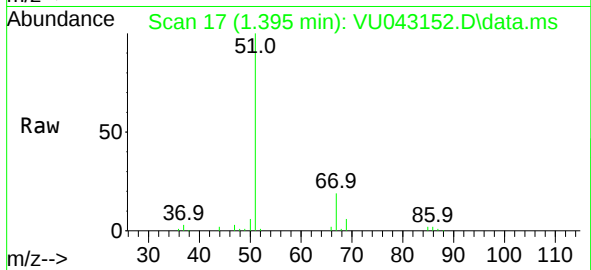




#2
Dichlorodifluoromethane
Concen: 0.41 ug/L
RT: 1.395 min Scan# 17
Delta R.T. 0.006 min
Lab File: VU043152.D
Acq: 16 Apr 2021 04:10

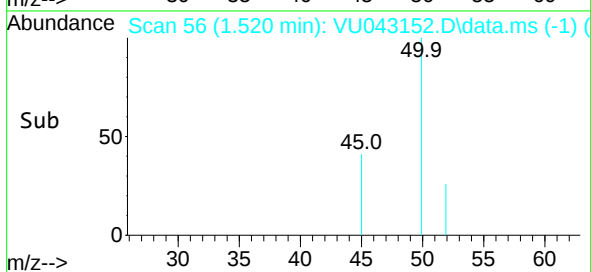
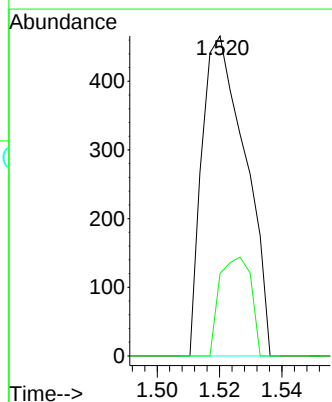
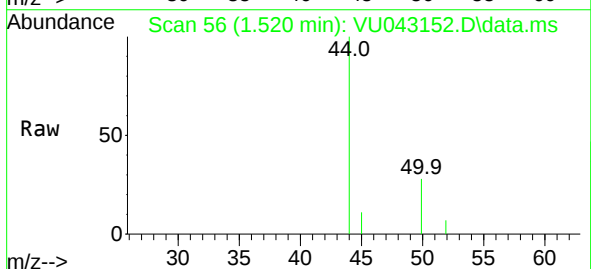
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MSVOA_U
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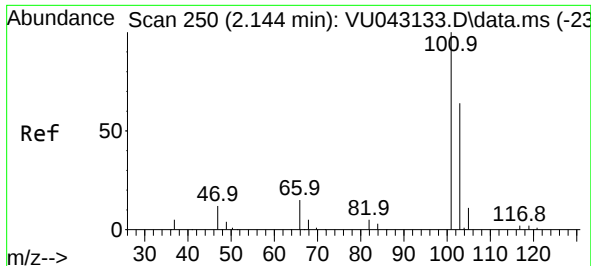
Tgt Ion: 85 Resp: 1724
Ion Ratio Lower Upper
85 100
87 34.7 26.3 39.5



#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043152.D
Acq: 16 Apr 2021 04:10

Tgt Ion: 50 Resp: 448
Ion Ratio Lower Upper
50 100
52 25.8 23.6 43.8

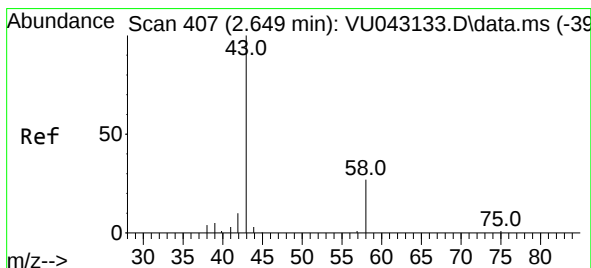
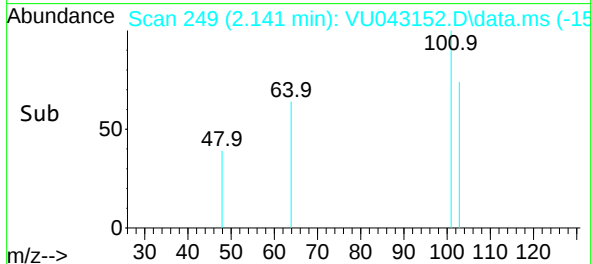
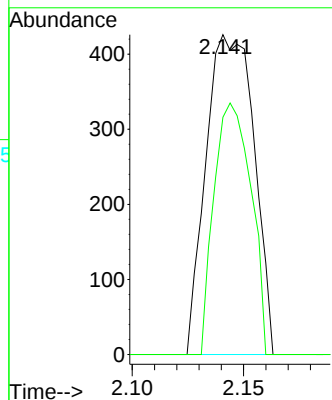
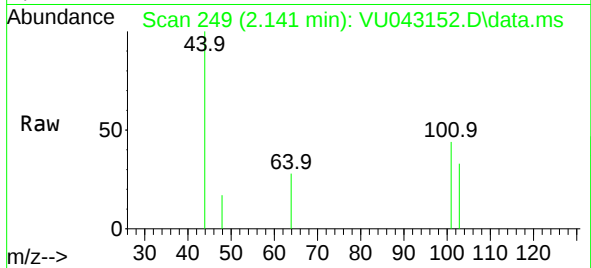




#9
Trichlorofluoromethane
Concen: 0.08 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU043152.D
Acq: 16 Apr 2021 04:10

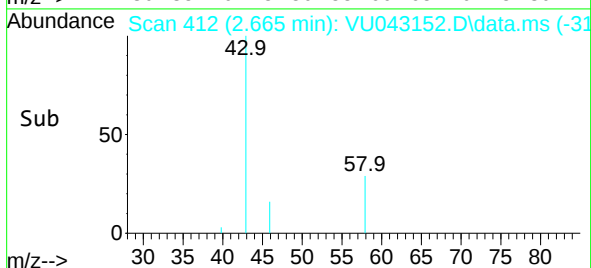
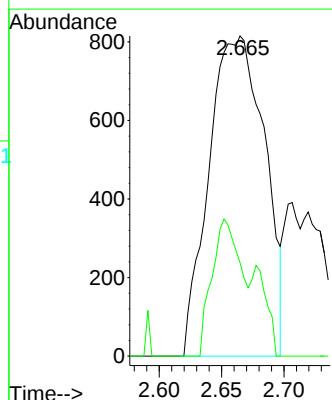
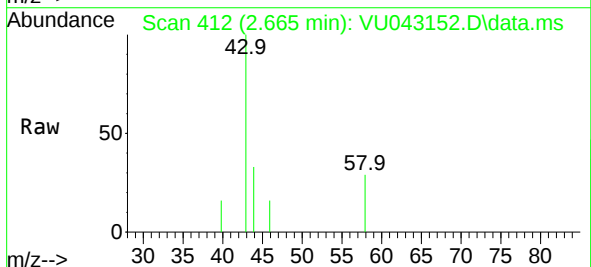
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ClientSampleId :

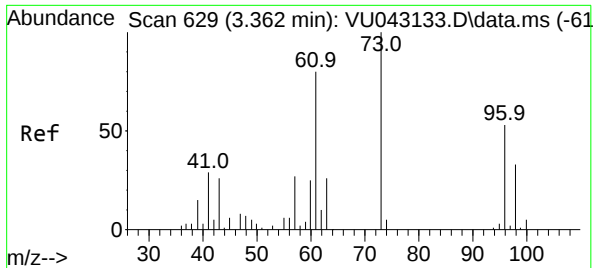
Tgt Ion:101 Resp: 637
Ion Ratio Lower Upper
101 100
103 60.6 51.5 77.3



#13
Acetone
Concen: 2.32 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.016 min
Lab File: VU043152.D
Acq: 16 Apr 2021 04:10

Tgt Ion: 43 Resp: 2527
Ion Ratio Lower Upper
43 100
58 7.9 0.0 25.0

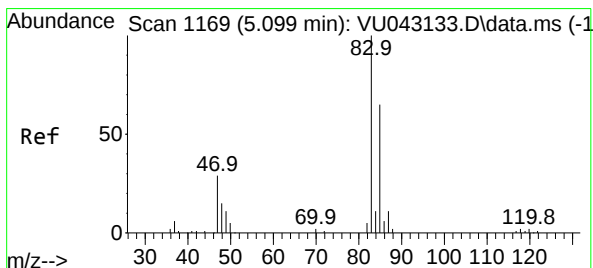
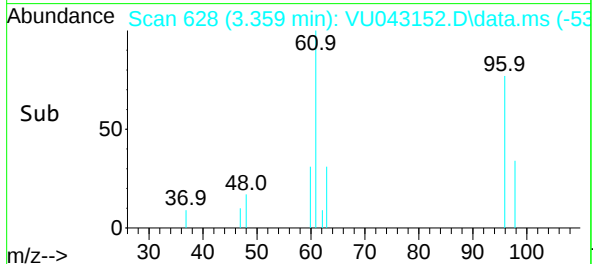
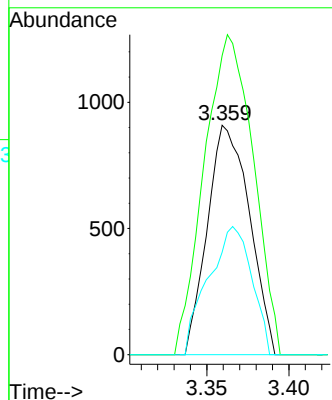
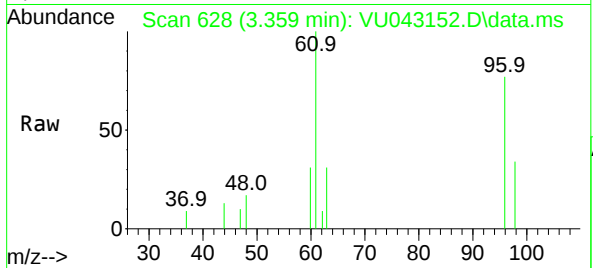




#18
trans-1,2-Dichloroethene
Concen: 0.41 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU043152.D
Acq: 16 Apr 2021 04:10

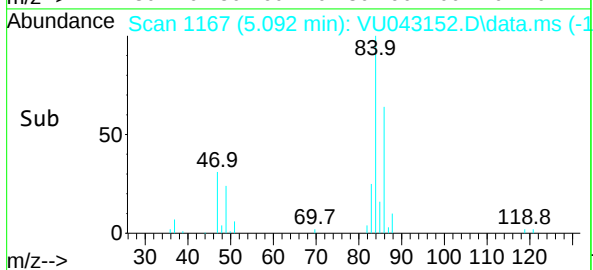
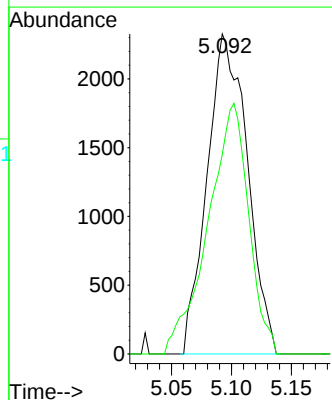
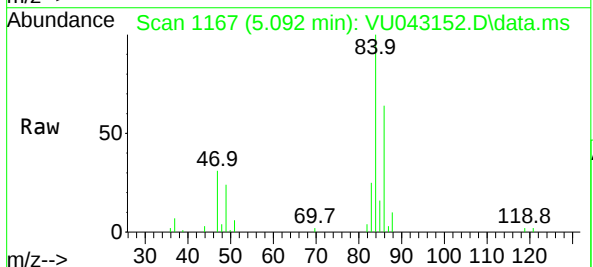
Instrument :
MSVOA_U
ClientSampleId :

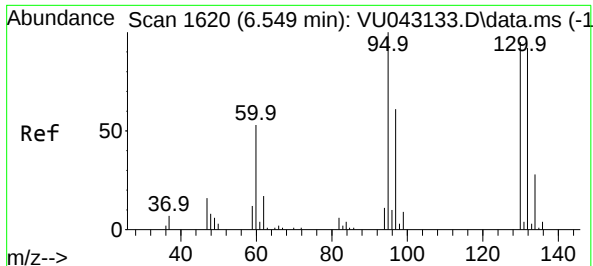
Tgt Ion:	96	Resp:	1619
Ion	Ratio	Lower	Upper
96	100		
61	130.4	96.6	179.4
98	44.7	44.7	82.9



#25
Chloroform
Concen: 0.59 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VU043152.D
Acq: 16 Apr 2021 04:10

Tgt Ion:	83	Resp:	5423
Ion	Ratio	Lower	Upper
83	100		
85	62.4	45.6	84.8

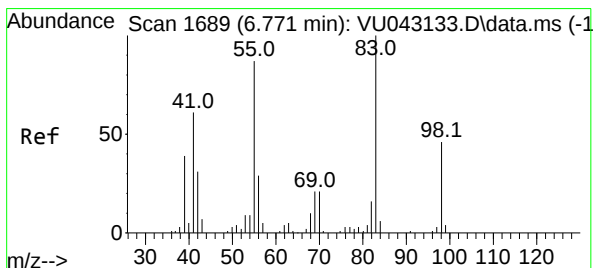
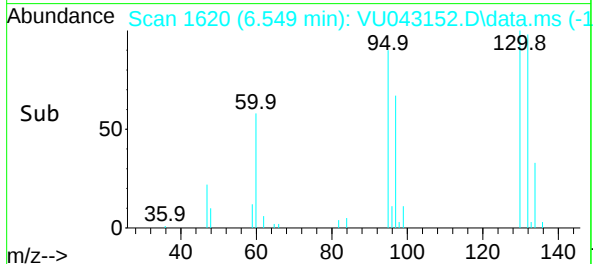
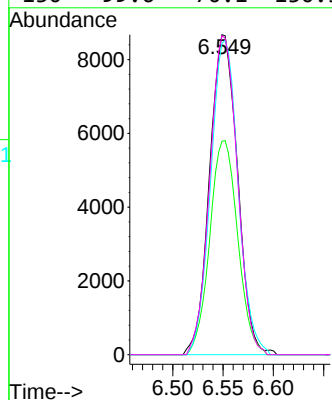
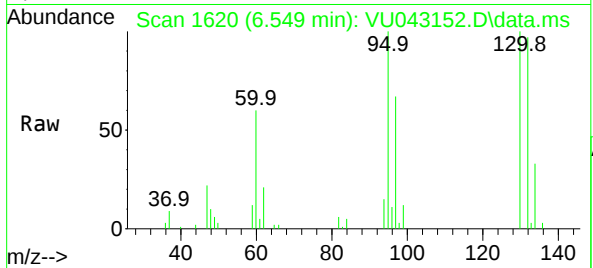




#34
Trichloroethene
Concen: 3.45 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043152.D
Acq: 16 Apr 2021 04:10

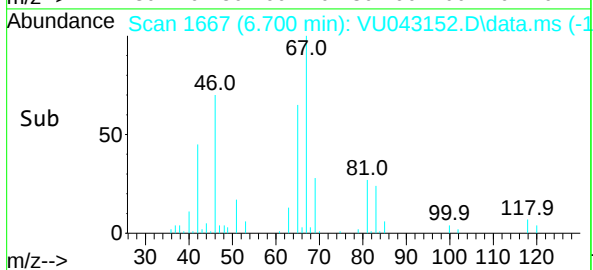
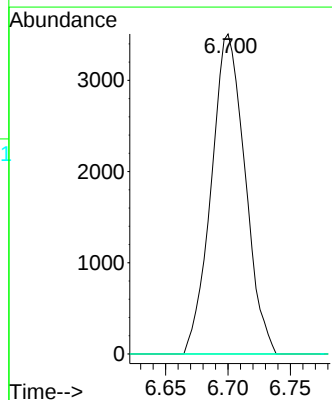
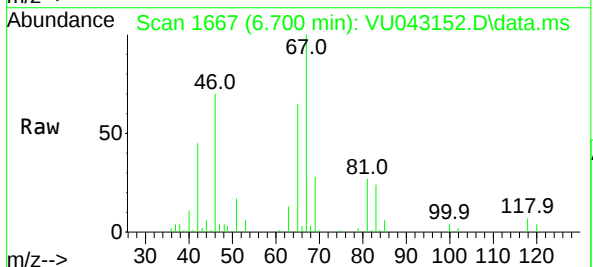
Instrument :
MSVOA_U
ClientSampleId :

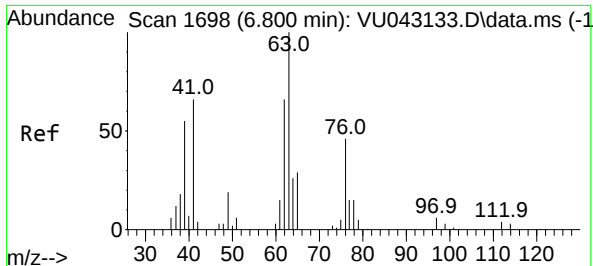
Tgt Ion: 95 Resp: 16775
Ion Ratio Lower Upper
95 100
97 66.7 45.8 85.2
132 97.3 68.7 127.7
130 99.6 70.1 130.3



#35
Methylcyclohexane
Concen: 0.98 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043152.D
Acq: 16 Apr 2021 04:10

Tgt Ion: 83 Resp: 6610
Ion Ratio Lower Upper
83 100
55 0.0 59.5 89.3#
98 0.9 37.9 56.9#



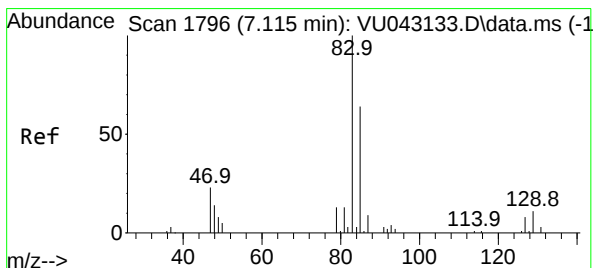
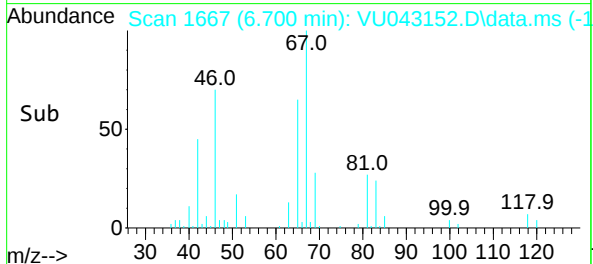
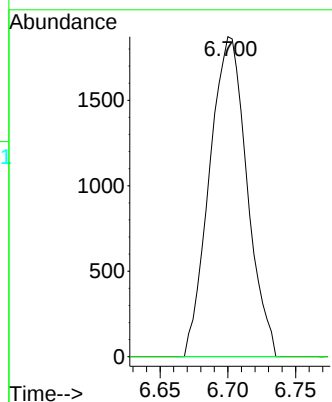
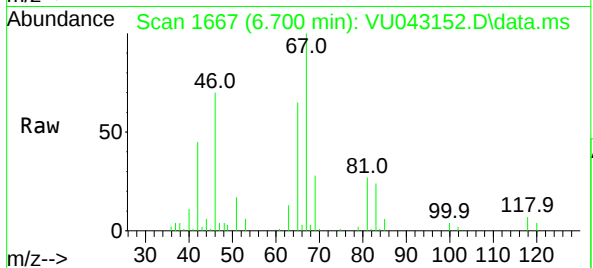


#37

1,2-Dichloropropane
Concen: 0.72 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043152.D
Acq: 16 Apr 2021 04:10

Instrument :
MSVOA_U
ClientSampled :

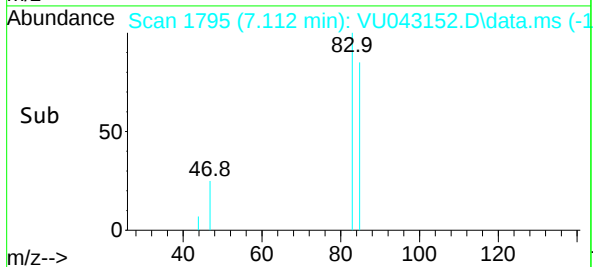
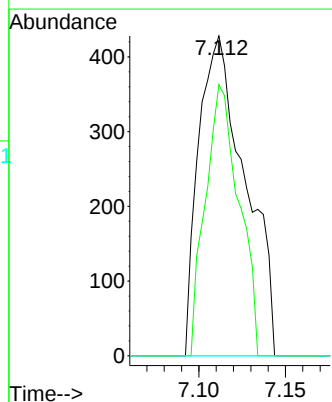
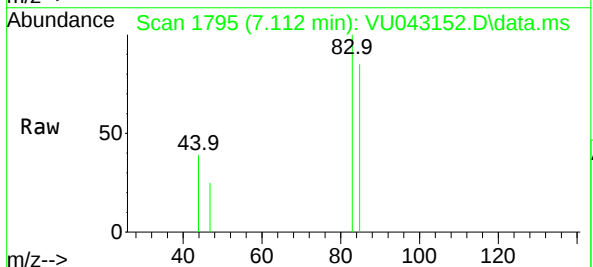
Tgt Ion: 63 Resp: 3605
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

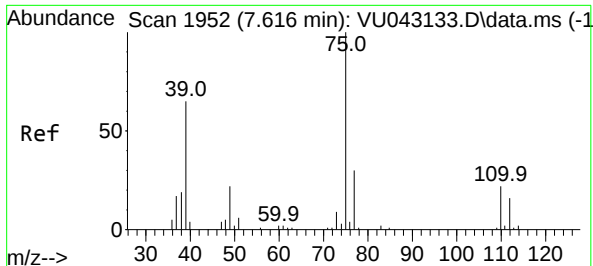


#38

Bromodichloromethane
Concen: 0.12 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. -0.003 min
Lab File: VU043152.D
Acq: 16 Apr 2021 04:10

Tgt Ion: 83 Resp: 797
Ion Ratio Lower Upper
83 100
85 84.8 44.6 82.8#
127 0.0 7.4 11.2#



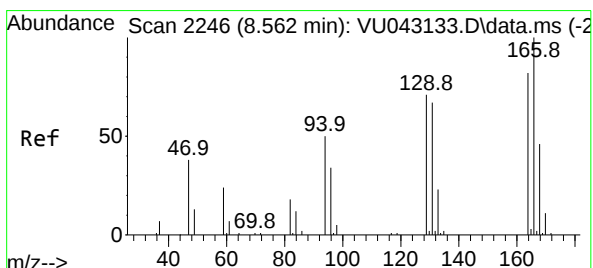
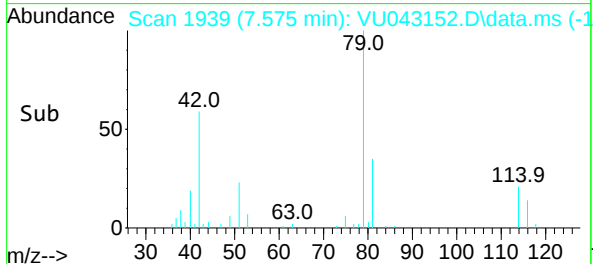
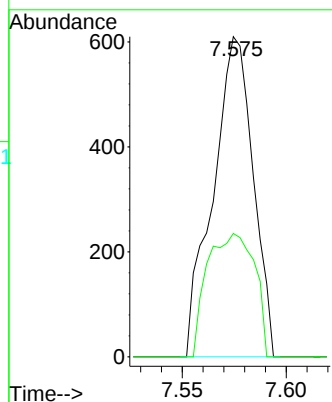
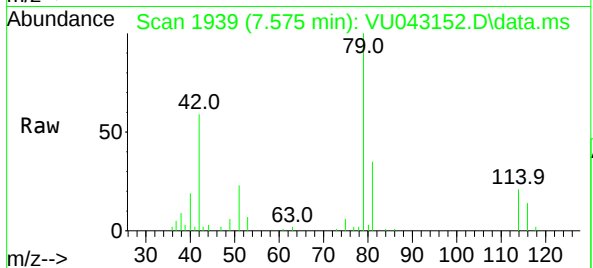


#39

cis-1,3-Dichloropropene
 Concen: 0.11 ug/L
 RT: 7.575 min Scan# 1939
 Delta R.T. -0.042 min
 Lab File: VU043152.D
 Acq: 16 Apr 2021 04:10

Instrument :
 MSVOA_U
 ClientSampled :

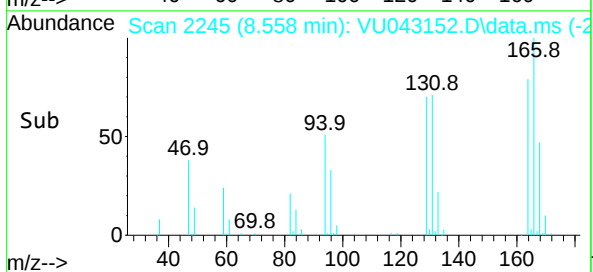
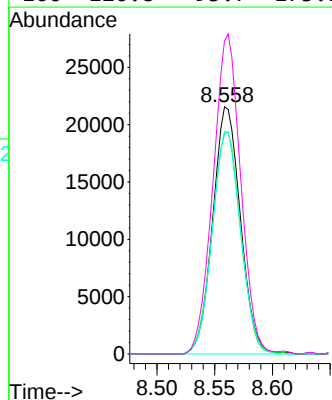
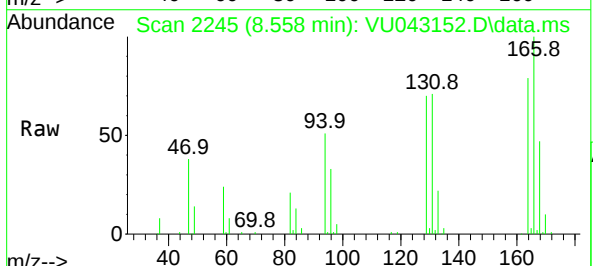
Tgt Ion: 75 Resp: 819
 Ion Ratio Lower Upper
 75 100
 77 38.5 21.8 40.6

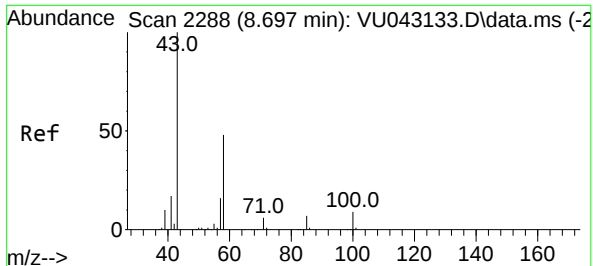


#47

Tetrachloroethene
 Concen: 9.32 ug/L
 RT: 8.558 min Scan# 2245
 Delta R.T. -0.003 min
 Lab File: VU043152.D
 Acq: 16 Apr 2021 04:10

Tgt Ion: 164 Resp: 35956
 Ion Ratio Lower Upper
 164 100
 129 89.2 66.6 123.8
 131 90.0 65.9 122.3
 166 126.8 93.7 173.9

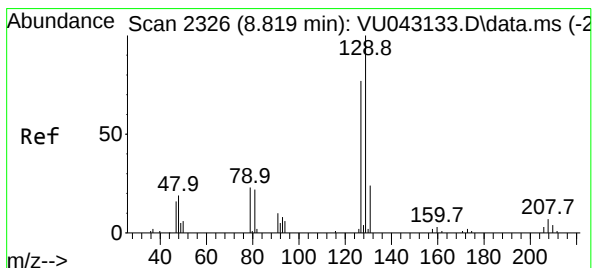
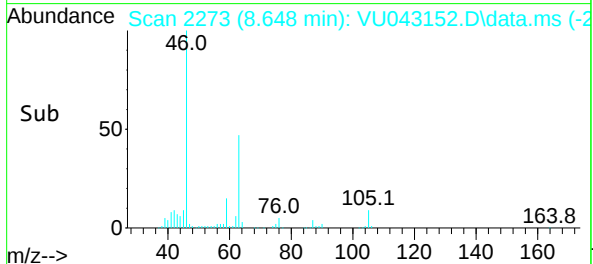
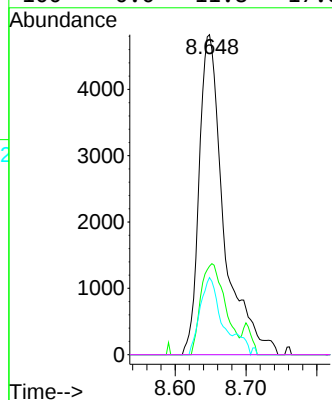
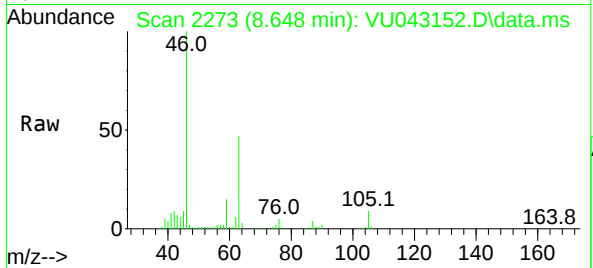




#48
2-Hexanone
Concen: 3.57 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU043152.D
Acq: 16 Apr 2021 04:10

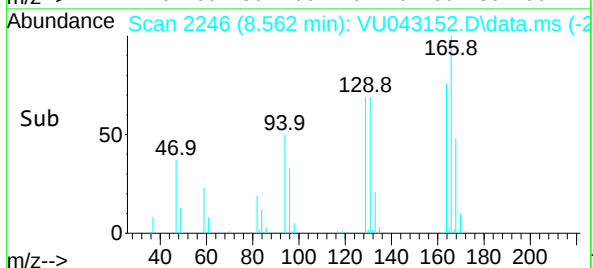
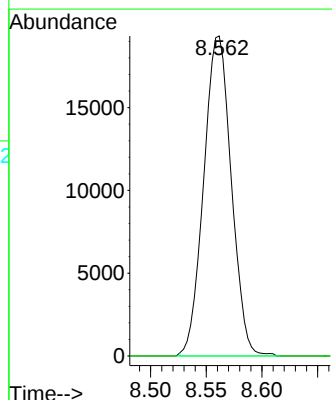
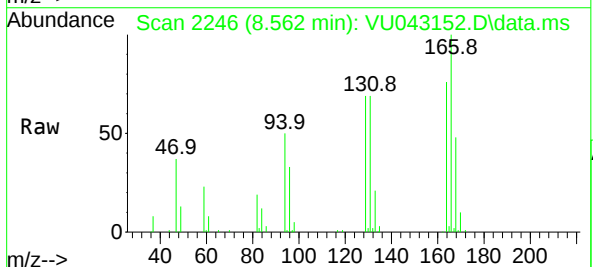
Instrument :
MSVOA_U
ClientSampled :

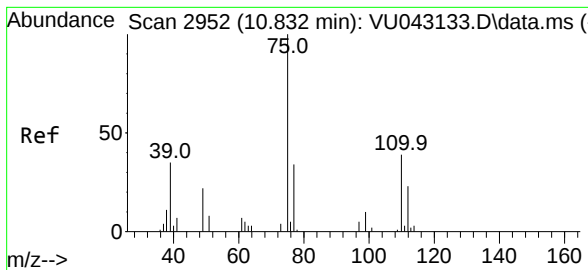
Tgt Ion: 43 Resp: 11699
Ion Ratio Lower Upper
43 100
58 28.1 50.0 75.0#
57 19.6 17.4 26.0
100 0.0 11.8 17.8#



#49
Dibromochloromethane
Concen: 7.09 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043152.D
Acq: 16 Apr 2021 04:10

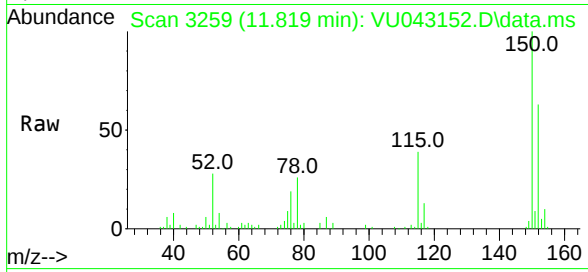
Tgt Ion: 129 Resp: 33255
Ion Ratio Lower Upper
129 100
127 0.0 56.6 105.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.33 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043152.D
 Acq: 16 Apr 2021 04:10

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4267
 Ion Ratio Lower Upper
 75 100
 110 0.9 31.5 47.3#
 77 38.7 26.3 39.5

