

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043915.D
 Acq On : 24 May 2021 18:02
 Operator : SY/MD
 Sample : M2444-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: May 25 04:13:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 04:12:21 2021
 Response via : Initial Calibration

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

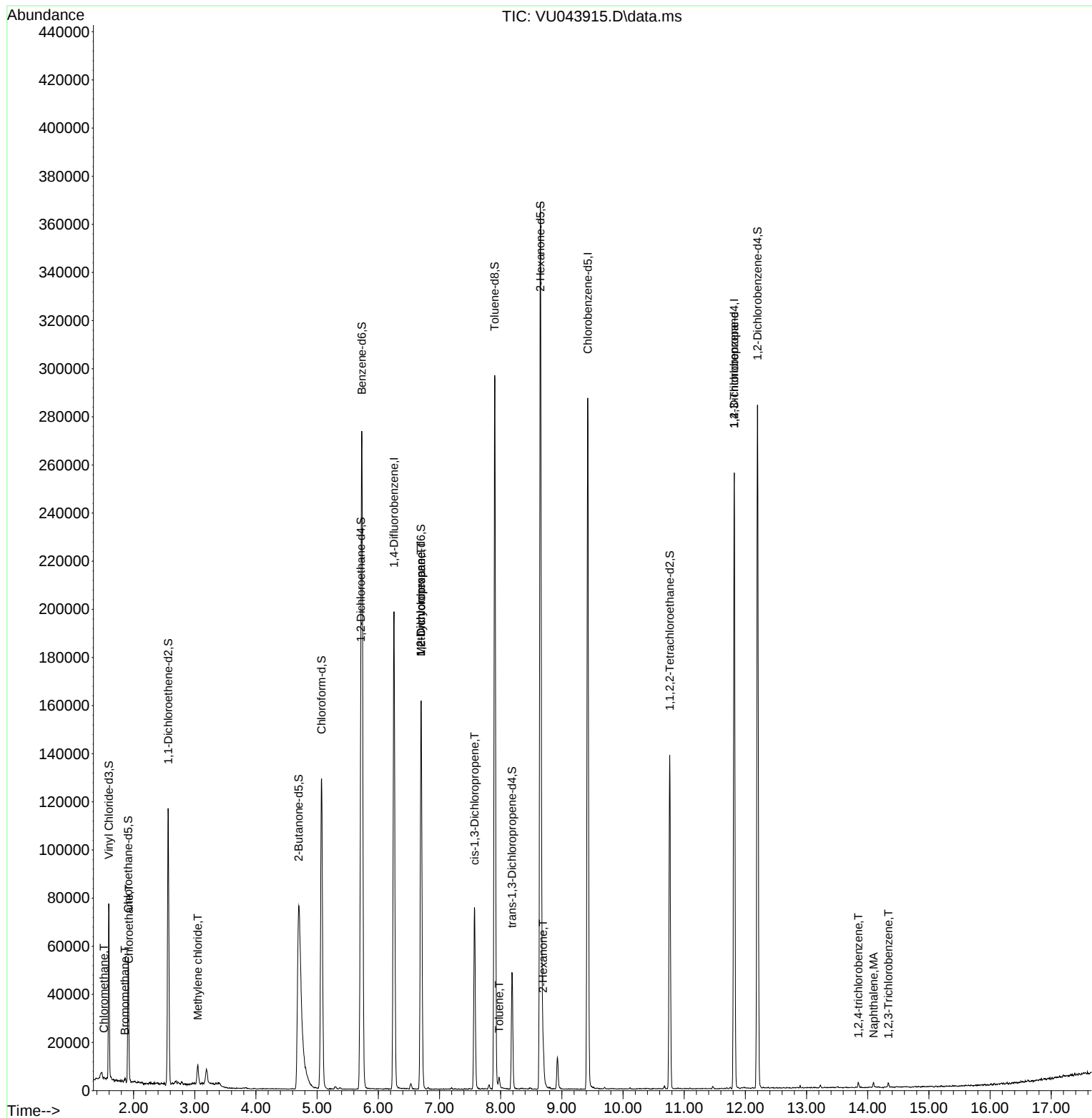
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	164033	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	170484	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	71985	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	50393	5.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.40%
7) Chloroethane-d5	1.912	69	37163	5.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.80%
11) 1,1-Dichloroethene-d2	2.565	65	20735	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.40%
20) 2-Butanone-d5	4.700	46	167754	57.95	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.90%
24) Chloroform-d	5.073	84	122354	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.00%
26) 1,2-Dichloroethane-d4	5.713	65	65160	6.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.80%
32) Benzene-d6	5.732	84	247621	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.40%
36) 1,2-Dichloropropane-d6	6.700	67	79449	5.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.20%
41) Toluene-d8	7.903	98	204996	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
43) trans-1,3-Dichloroprop...	8.186	79	27423	5.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.20%
46) 2-Hexanone-d5	8.649	63	125665	54.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.06%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	69048	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.00%
66) 1,2-Dichlorobenzene-d4	12.198	152	80947	6.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.80%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	953	0.08	ug/L	82
6) Bromomethane	1.858	94	488	0.07	ug/L	85
8) Chloroethane	1.922	64	1953	0.33	ug/L #	41
16) Methylene chloride	3.051	84	3786	0.28	ug/L	98
35) Methylcyclohexane	6.700	83	18784	1.07	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	8376	0.69	ug/L #	86
39) cis-1,3-Dichloropropene	7.575	75	1673	0.11	ug/L #	67
42) Toluene	7.977	91	3336	0.07	ug/L	94
48) 2-Hexanone	8.694	43	5753	1.12	ug/L #	81
61) 1,2,3-Trichloropropane	11.819	75	7541	1.14	ug/L #	66
70) 1,2,4-trichlorobenzene	13.844	180	884	0.07	ug/L #	92
71) Naphthalene	14.095	128	2205	0.11	ug/L #	90
72) 1,2,3-Trichlorobenzene	14.340	180	844	0.07	ug/L #	88

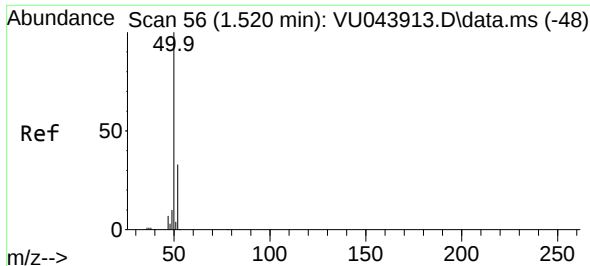
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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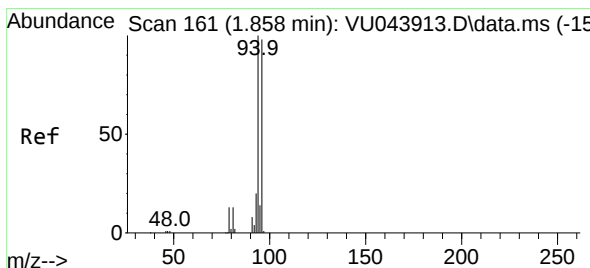
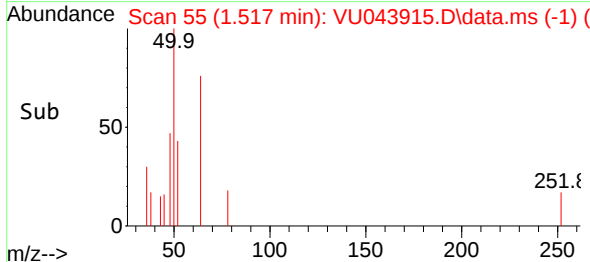
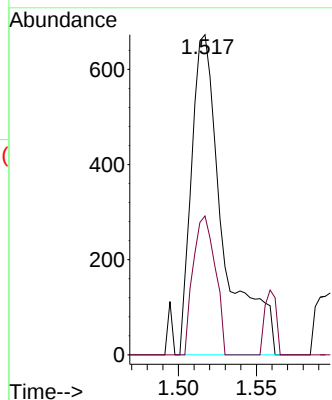
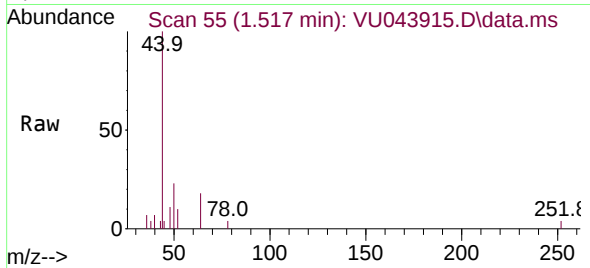




#3
Chloromethane
Concen: 0.08 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU043915.D
Acq: 24 May 2021 18:02

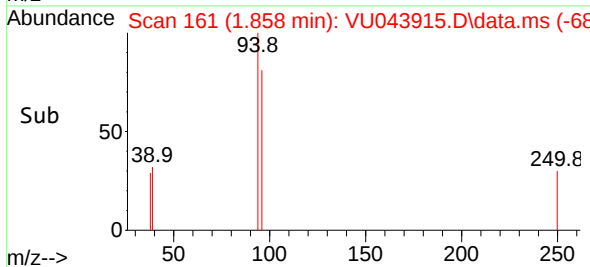
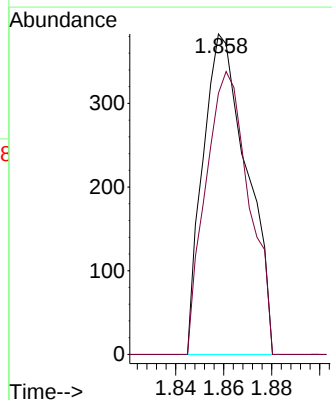
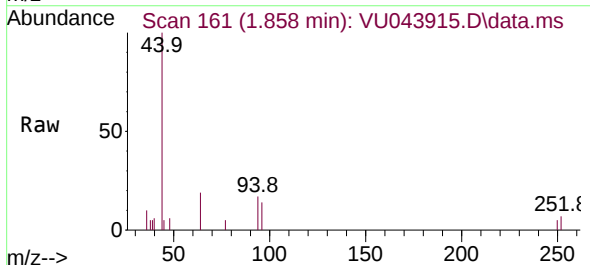
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

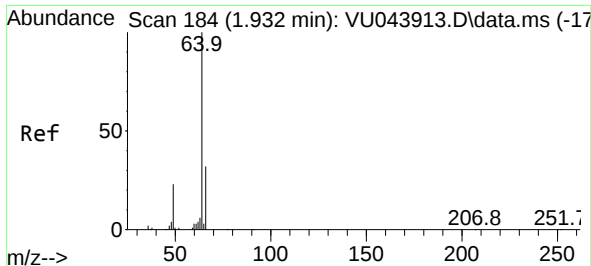
Tgt Ion: 50 Resp: 953
Ion Ratio Lower Upper
50 100
52 43.4 23.4 43.4



#6
Bromomethane
Concen: 0.07 ug/L
RT: 1.858 min Scan# 161
Delta R.T. 0.000 min
Lab File: VU043915.D
Acq: 24 May 2021 18:02

Tgt Ion: 94 Resp: 488
Ion Ratio Lower Upper
94 100
96 81.5 67.1 124.7

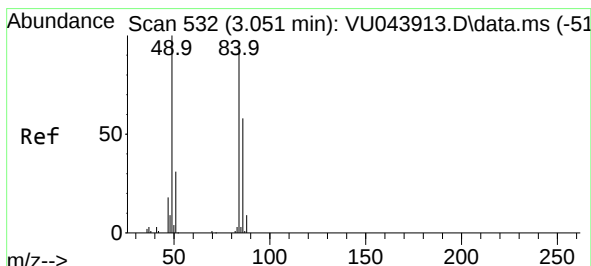
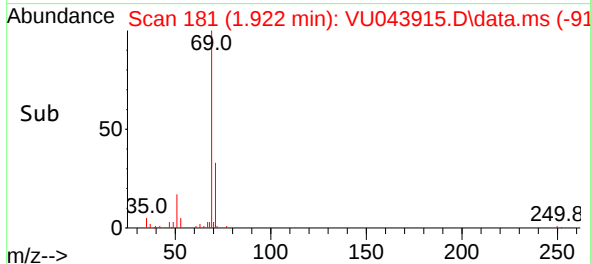
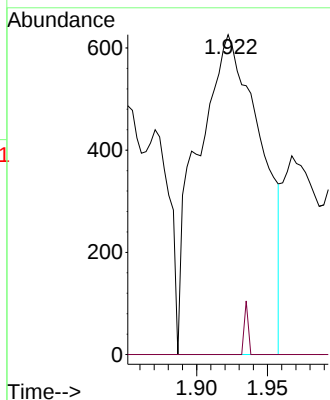
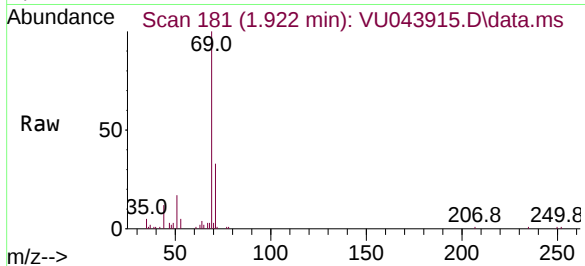




#8
Chloroethane
Concen: 0.33 ug/L
RT: 1.922 min Scan# 181
Delta R.T. -0.010 min
Lab File: VU043915.D
Acq: 24 May 2021 18:02

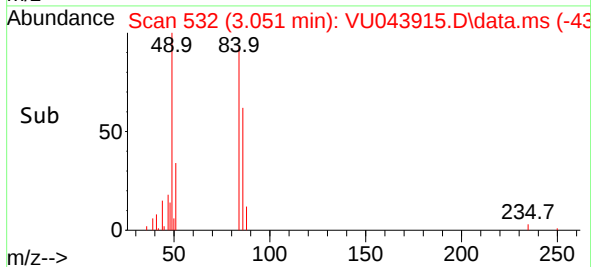
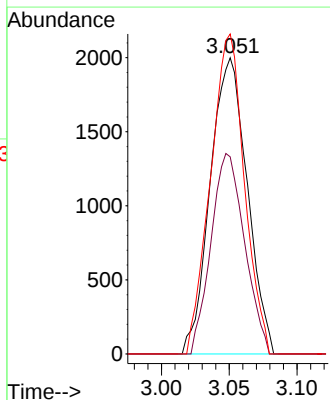
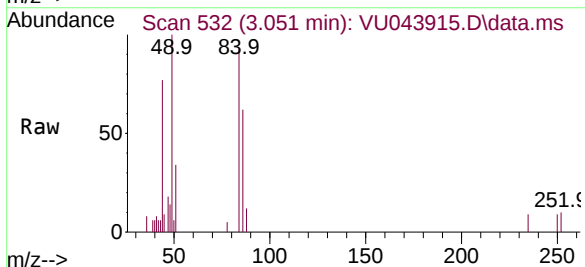
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

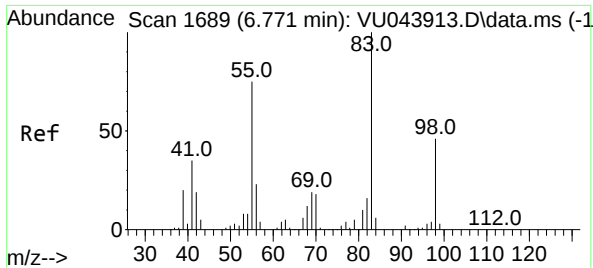
Tgt Ion: 64 Resp: 1953
Ion Ratio Lower Upper
64 100
66 0.0 23.7 44.1#



#16
Methylene chloride
Concen: 0.28 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU043915.D
Acq: 24 May 2021 18:02

Tgt Ion: 84 Resp: 3786
Ion Ratio Lower Upper
84 100
86 66.6 45.6 84.8
49 108.1 74.2 137.8

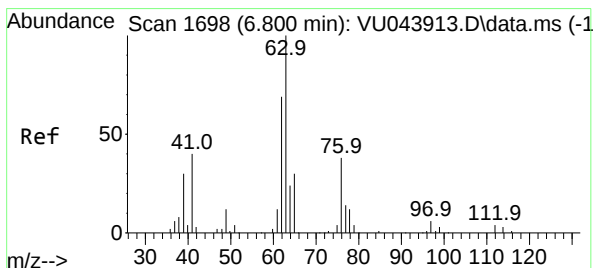
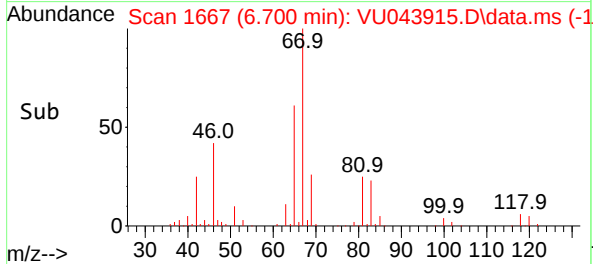
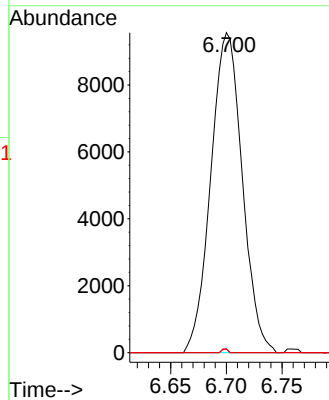
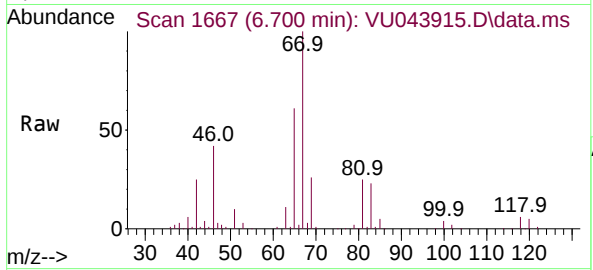




#35
Methylcyclohexane
Concen: 1.07 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043915.D
Acq: 24 May 2021 18:02

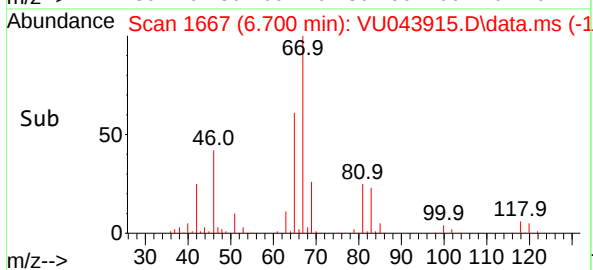
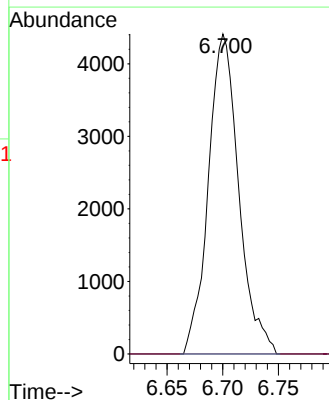
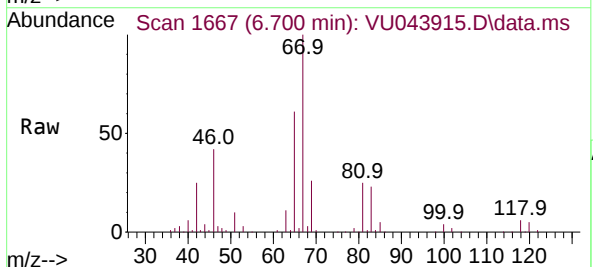
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

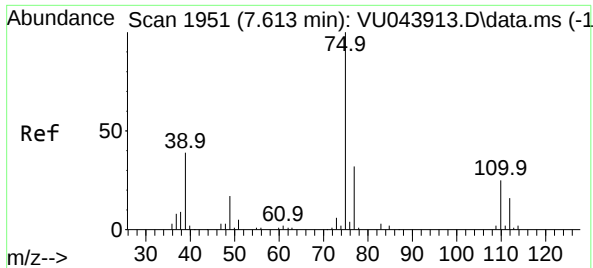
Tgt Ion: 83 Resp: 18784
Ion Ratio Lower Upper
83 100
55 0.2 61.2 91.8#
98 0.2 37.0 55.4#



#37
1,2-Dichloropropane
Concen: 0.69 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043915.D
Acq: 24 May 2021 18:02

Tgt Ion: 63 Resp: 8376
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



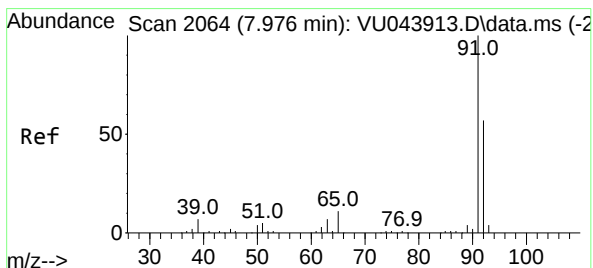
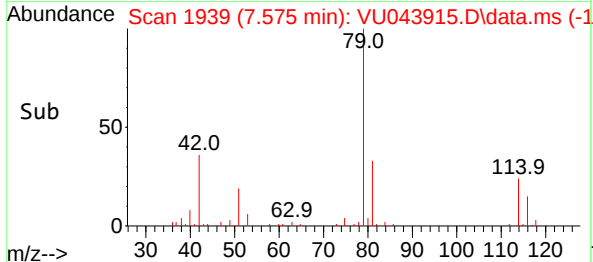
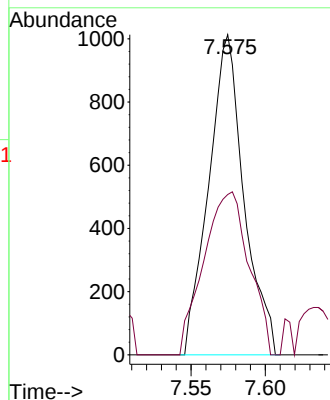
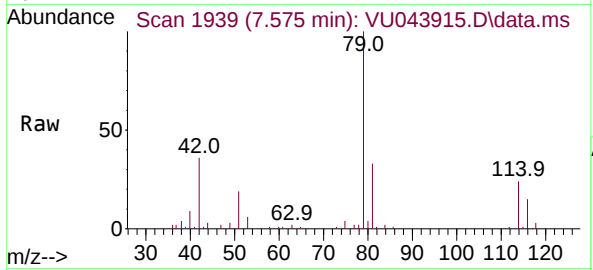


#39

cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.038 min
Lab File: VU043915.D
Acq: 24 May 2021 18:02

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

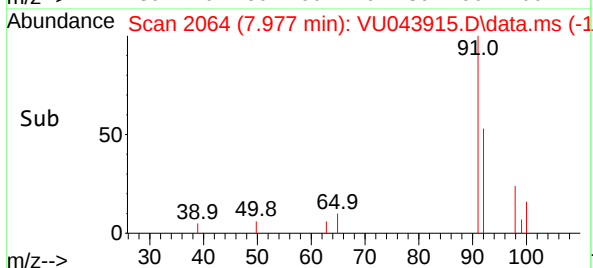
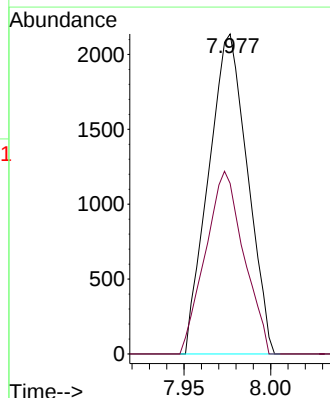
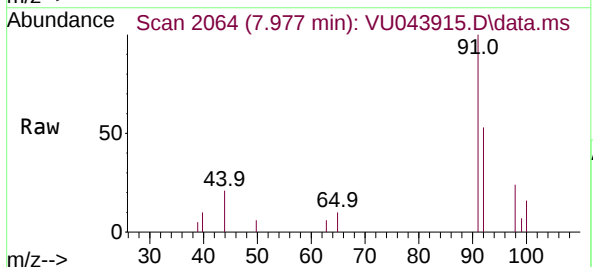
Tgt Ion: 75 Resp: 1673
Ion Ratio Lower Upper
75 100
77 50.0 22.3 41.3#

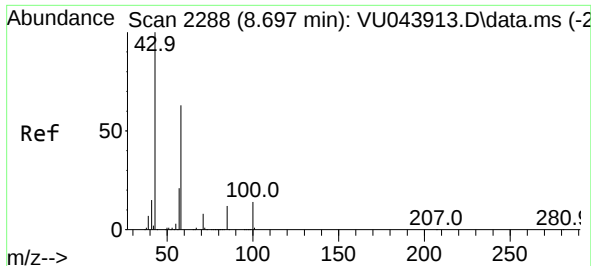


#42

Toluene
Concen: 0.07 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043915.D
Acq: 24 May 2021 18:02

Tgt Ion: 91 Resp: 3336
Ion Ratio Lower Upper
91 100
92 53.3 40.5 75.1

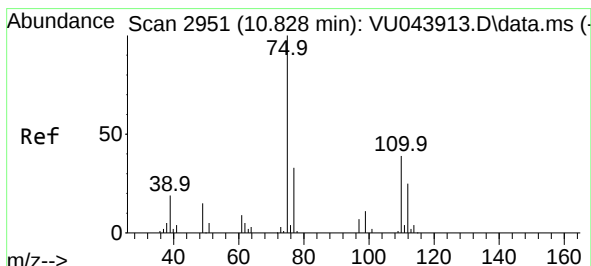
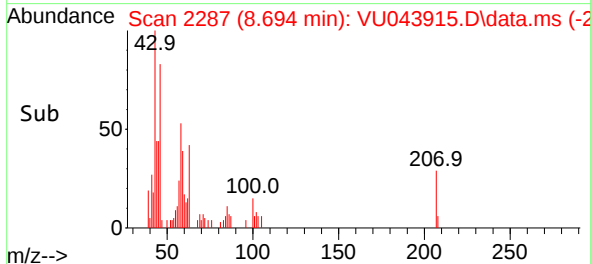
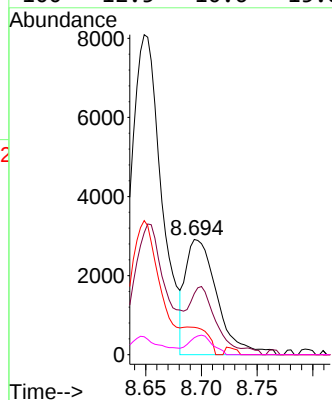
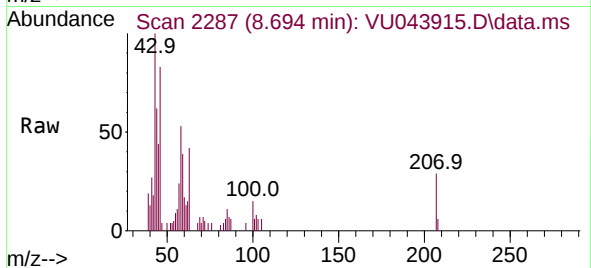




#48
2-Hexanone
Concen: 1.12 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU043915.D
Acq: 24 May 2021 18:02

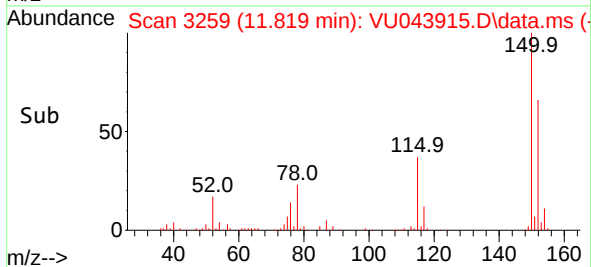
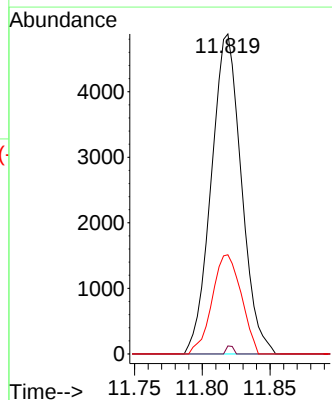
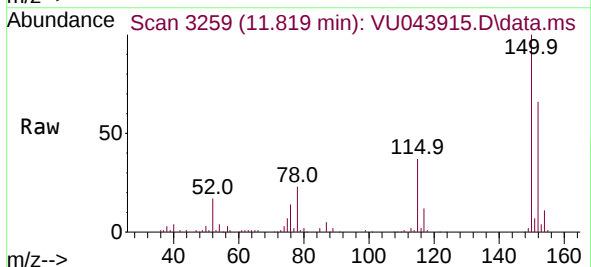
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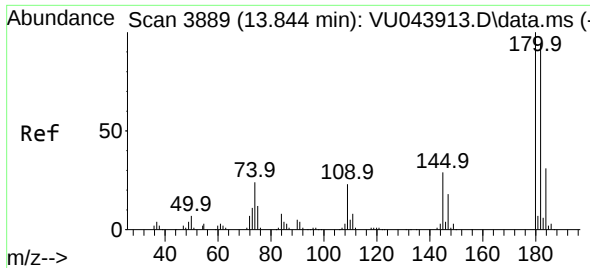
Tgt Ion:	43	Resp:	5753
Ion	Ratio	Lower	Upper
43	100		
58	51.3	49.4	74.0
57	0.0	16.8	25.2#
100	12.5	10.6	15.8



#61
1,2,3-Trichloropropane
Concen: 1.14 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.990 min
Lab File: VU043915.D
Acq: 24 May 2021 18:02

Tgt Ion:	75	Resp:	7541
Ion	Ratio	Lower	Upper
75	100		
110	0.6	29.3	43.9#
77	30.0	26.3	39.5

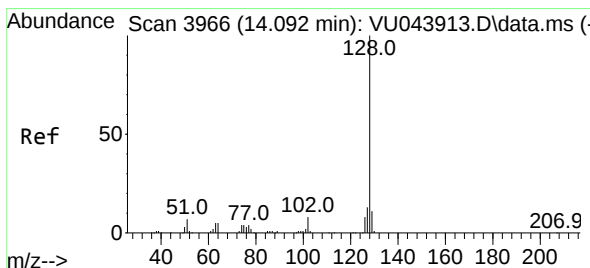
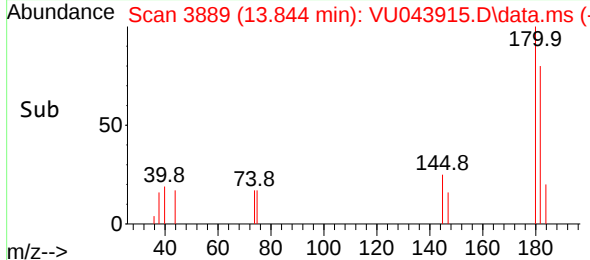
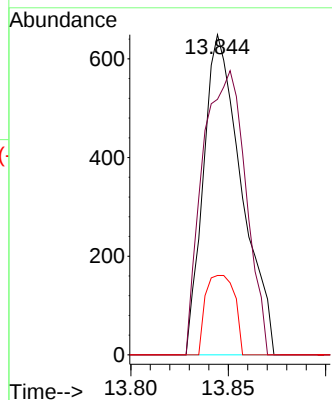
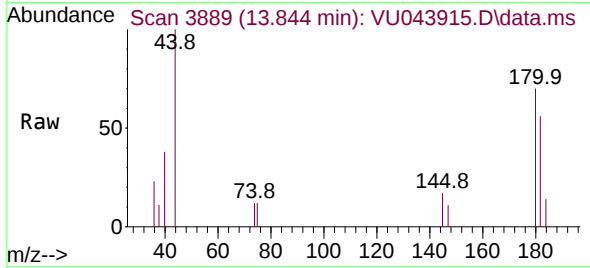




#70
1,2,4-trichlorobenzene
Concen: 0.07 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU043915.D
Acq: 24 May 2021 18:02

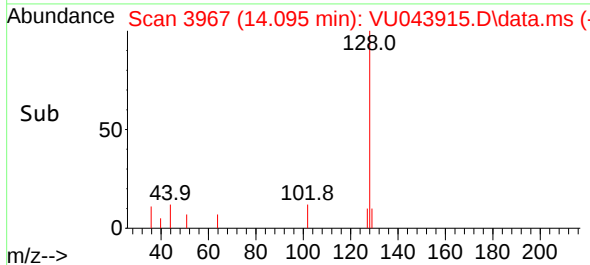
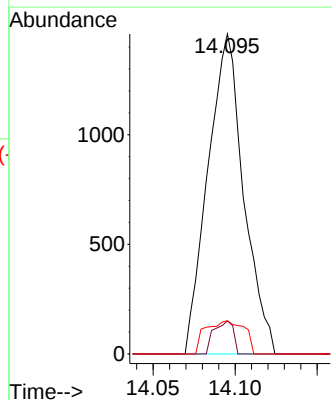
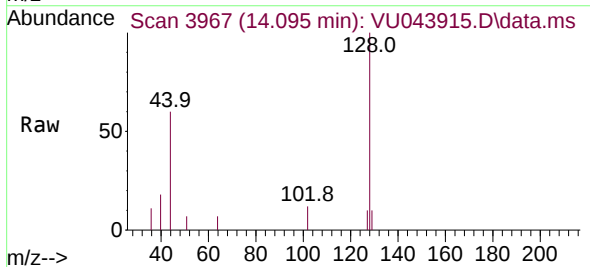
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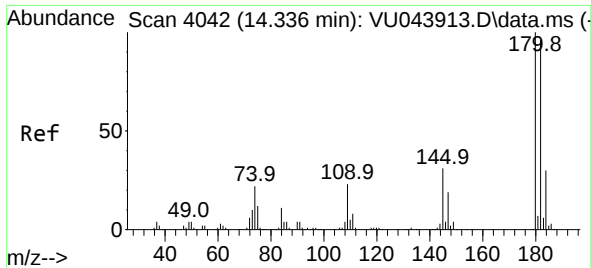
Tgt Ion:180 Resp: 884
Ion Ratio Lower Upper
180 100
182 100.1 76.4 114.6
145 18.7 23.2 34.8#



#71
Naphthalene
Concen: 0.11 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043915.D
Acq: 24 May 2021 18:02

Tgt Ion:128 Resp: 2205
Ion Ratio Lower Upper
128 100
129 5.5 8.9 13.3#
127 11.2 10.7 16.1





#72
 1,2,3-Trichlorobenzene
 Concen: 0.07 ug/L
 RT: 14.340 min Scan# 4043
 Delta R.T. 0.003 min
 Lab File: VU043915.D
 Acq: 24 May 2021 18:02

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Tgt Ion:180 Resp: 844
 Ion Ratio Lower Upper
 180 100
 182 103.8 75.0 112.4
 145 21.0 24.1 36.1#

