

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110322\
 Data File : VU051734.D
 Acq On : 03 Nov 2022 15:26
 Operator : JC/MD
 Sample : N5319-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAF3

Quant Time: Nov 04 00:51:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 04 00:49:19 2022
 Response via : Initial Calibration

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

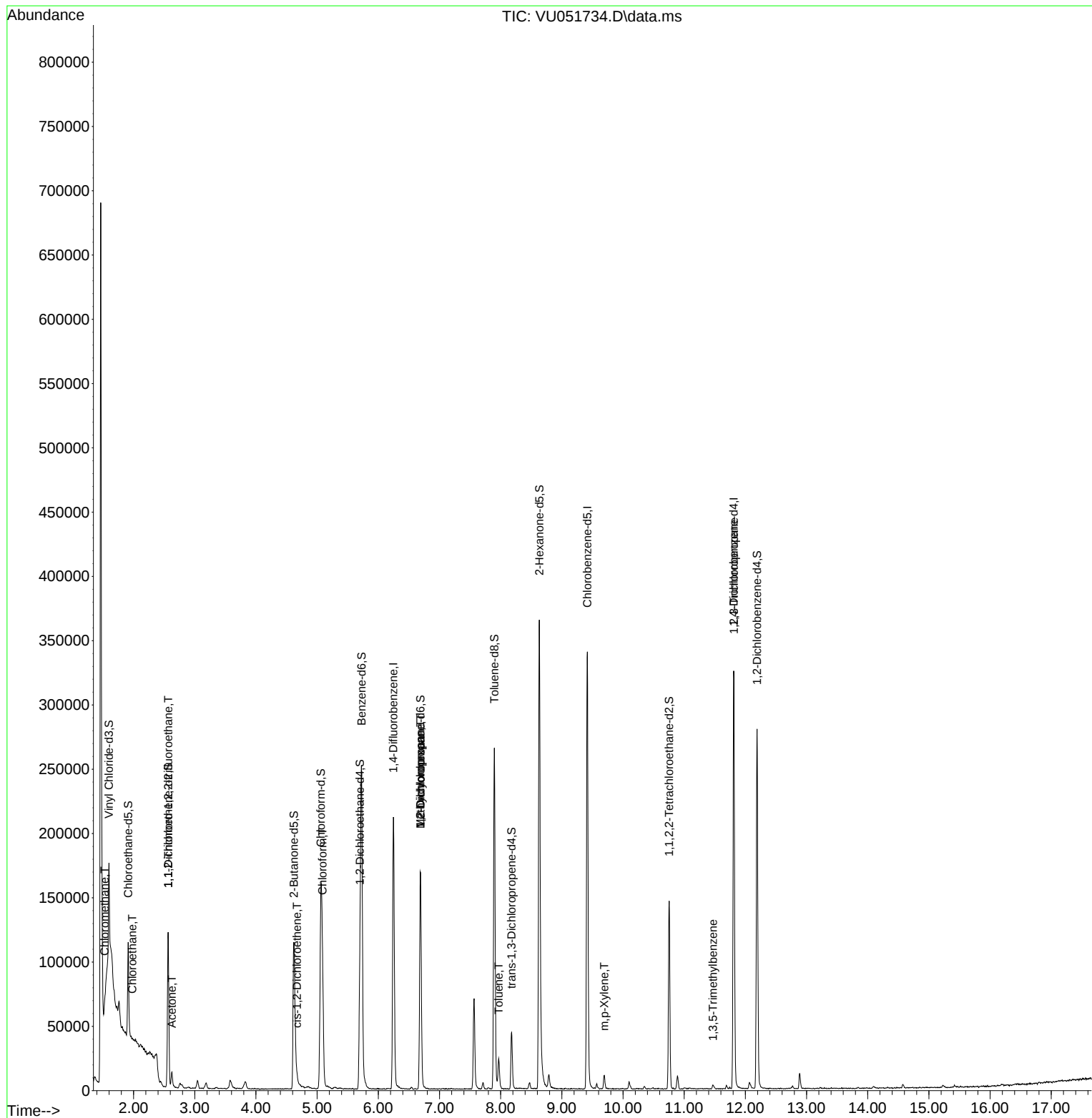
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	178362	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	198294	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	89827	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	54442	4.053	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.912	69	54233	3.871	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	2.565	65	22892	4.695	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.000%
20) 2-Butanone-d5	4.620	46	166838	34.294	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.580%
24) Chloroform-d	5.060	84	133979	4.262	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.700	65	66467	3.914	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
32) Benzene-d6	5.726	84	245910	3.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	6.687	67	84916	3.881	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.600%
41) Toluene-d8	7.896	98	188684	3.834	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
43) trans-1,3-Dichloroprop...	8.176	79	26689	3.989	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.632	63	126214	31.338	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	62.680%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	75107	3.746	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	77521	4.702	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						Qvalue
3) Chloromethane	1.527	50	3241	0.132	ug/L #	80
8) Chloroethane	1.980	64	2366	0.165	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	880	0.058	ug/L #	19
13) Acetone	2.623	43	13534	5.483	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	1050	0.057	ug/L #	69
25) Chloroform	5.086	83	74086	2.327	ug/L	99
35) Methylcyclohexane	6.690	83	19435	0.744	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	8347	0.415	ug/L #	88
42) Toluene	7.967	91	17539	0.218	ug/L	96
53) m,p-Xylene	9.694	106	3429	0.114	ug/L	97
61) 1,2,3-Trichloropropane	11.812	75	10572	0.910	ug/L #	68
62) 1,3,5-Trimethylbenzene	11.472	105	2429	0.138	ug/L	90

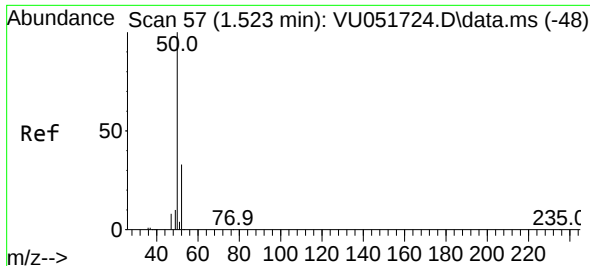
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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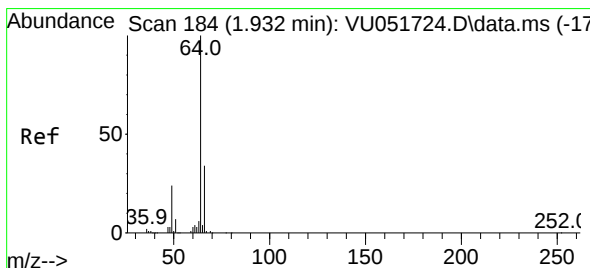
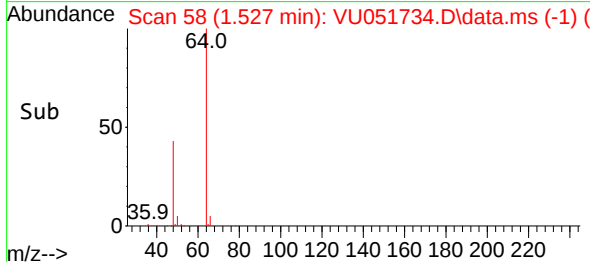
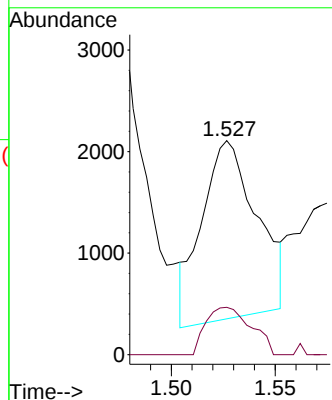
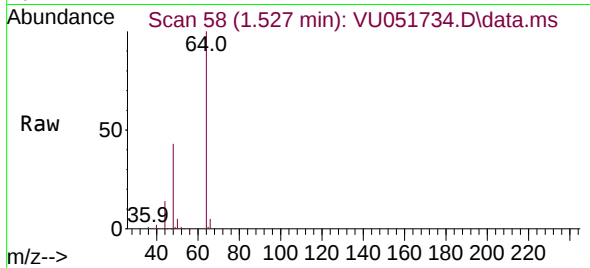




#3
Chloromethane
Concen: 0.132 ug/L
RT: 1.527 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU051734.D
Acq: 03 Nov 2022 15:26

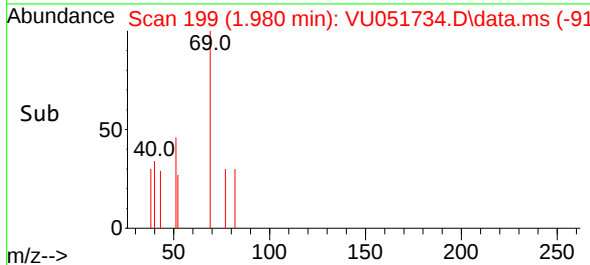
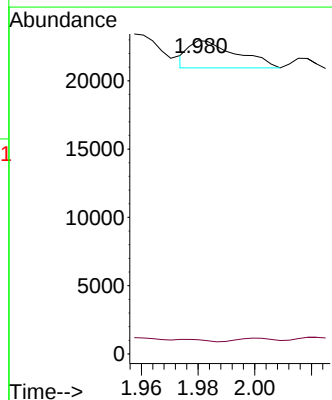
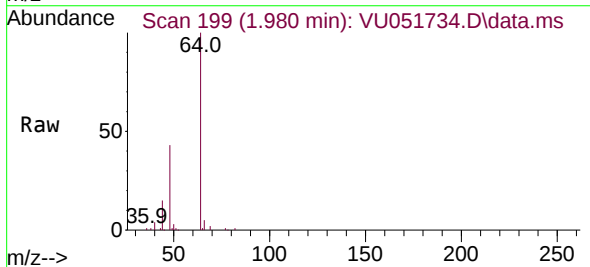
Instrument :
MSVOA_U
ClientSampleId :
BHA3

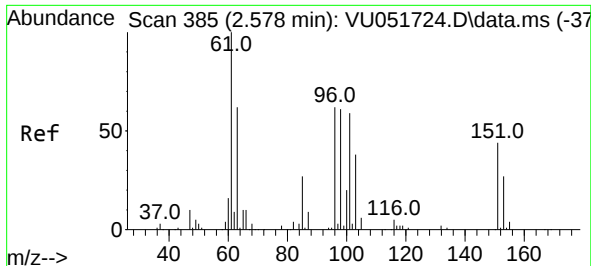
Tgt Ion: 50 Resp: 3241
Ion Ratio Lower Upper
50 100
52 22.1 23.2 43.2#



#8
Chloroethane
Concen: 0.165 ug/L
RT: 1.980 min Scan# 199
Delta R.T. 0.048 min
Lab File: VU051734.D
Acq: 03 Nov 2022 15:26

Tgt Ion: 64 Resp: 2366
Ion Ratio Lower Upper
64 100
66 4.5 22.3 41.5#

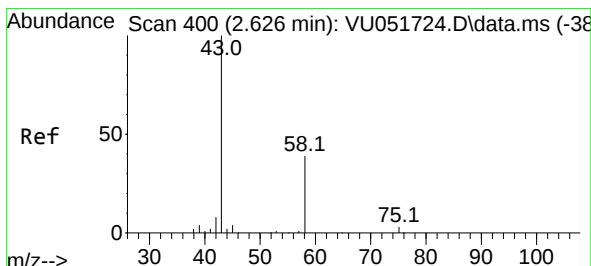
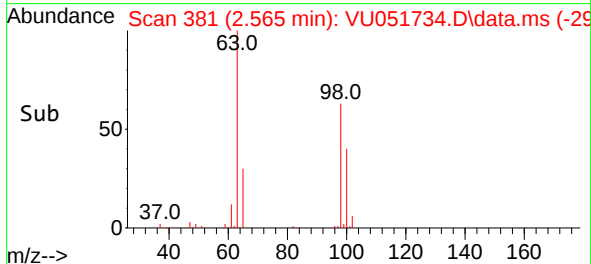
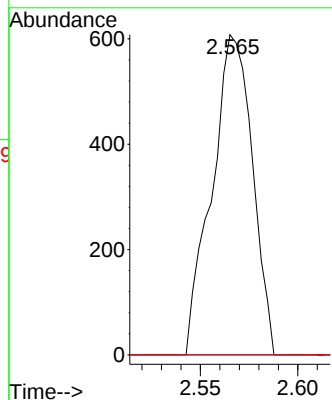
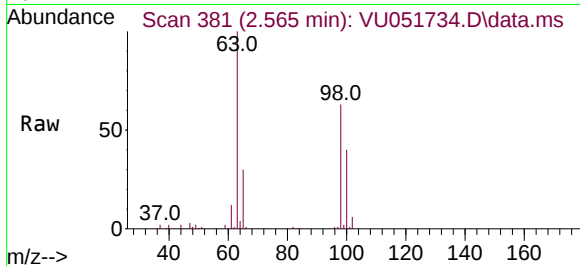




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.058 ug/L
RT: 2.565 min Scan# 310
Delta R.T. -0.013 min
Lab File: VU051734.D
Acq: 03 Nov 2022 15:26

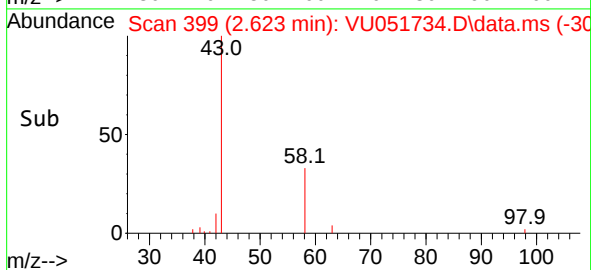
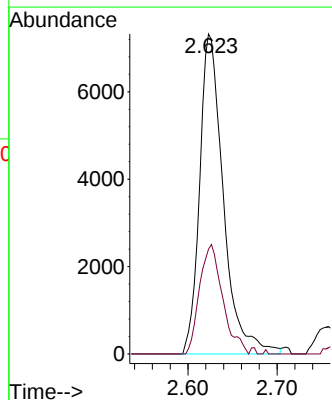
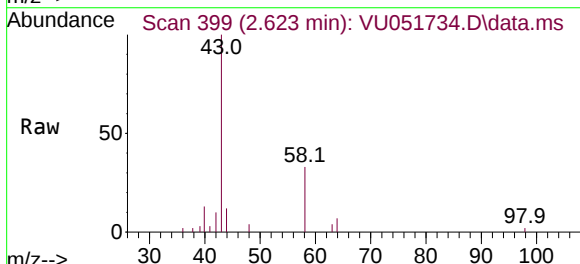
Instrument :
MSVOA_U
ClientSampleId :
BHA3

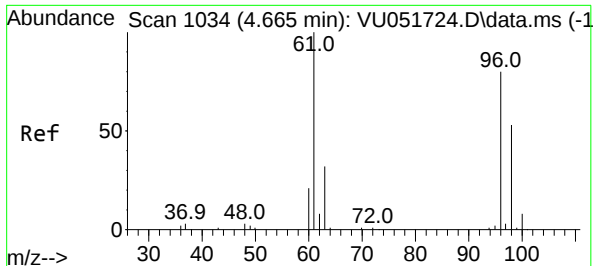
Tgt Ion:101 Resp: 880
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 59.6 89.4#



#13
Acetone
Concen: 5.483 ug/L
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU051734.D
Acq: 03 Nov 2022 15:26

Tgt Ion: 43 Resp: 13534
Ion Ratio Lower Upper
43 100
58 33.3 0.0 73.8

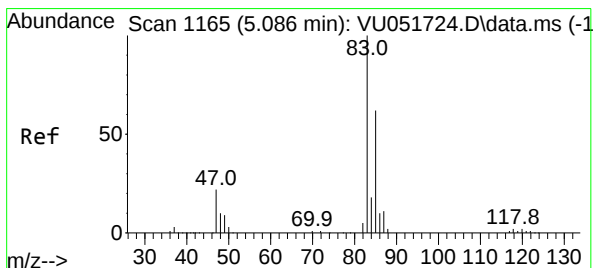
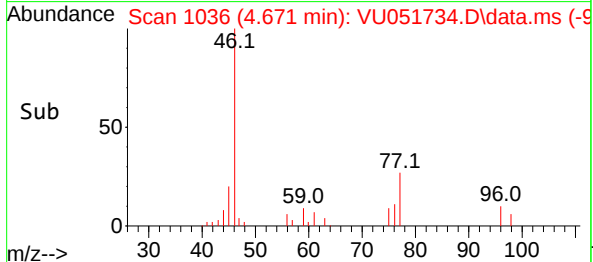
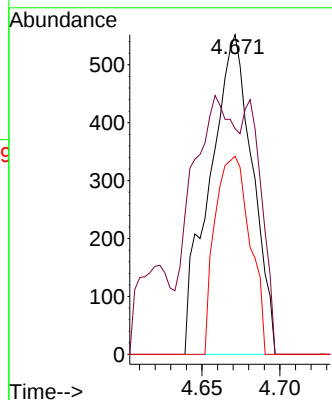
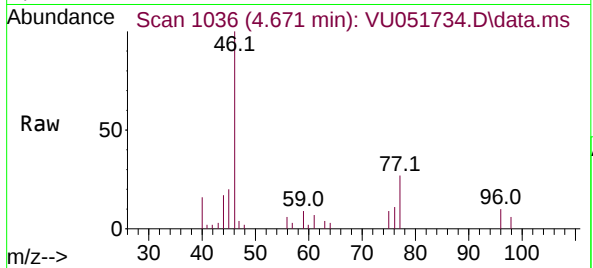




#22
 cis-1,2-Dichloroethene
 Concen: 0.057 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.007 min
 Lab File: VU051734.D
 Acq: 03 Nov 2022 15:26

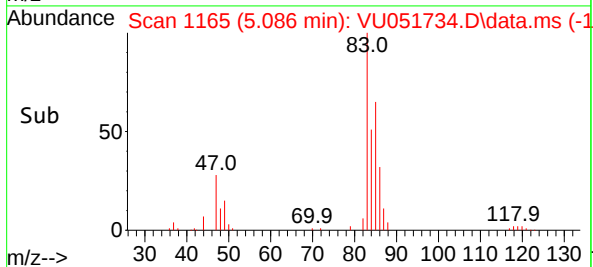
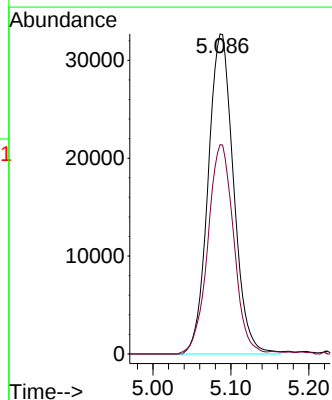
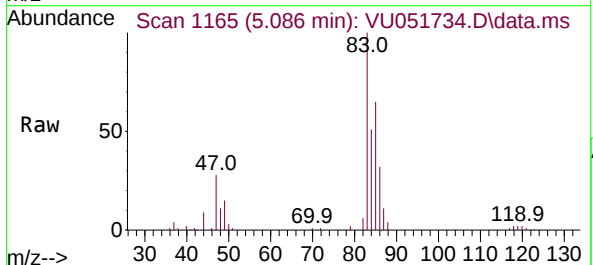
Instrument :
 MSVOA_U
 ClientSampleId :
 BHAF3

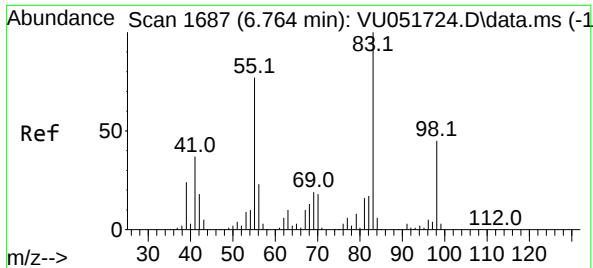
Tgt Ion: 96 Resp: 1050
 Ion Ratio Lower Upper
 96 100
 61 70.7 86.4 160.4#
 98 62.0 44.2 82.2



#25
 Chloroform
 Concen: 2.327 ug/L
 RT: 5.086 min Scan# 1165
 Delta R.T. 0.000 min
 Lab File: VU051734.D
 Acq: 03 Nov 2022 15:26

Tgt Ion: 83 Resp: 74086
 Ion Ratio Lower Upper
 83 100
 85 65.4 45.2 84.0

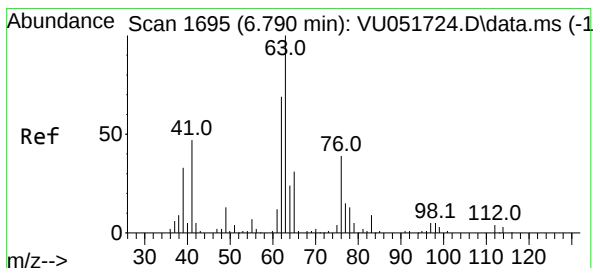
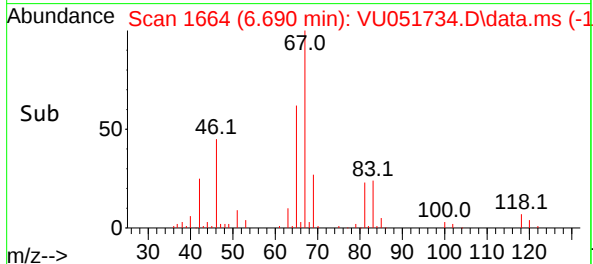
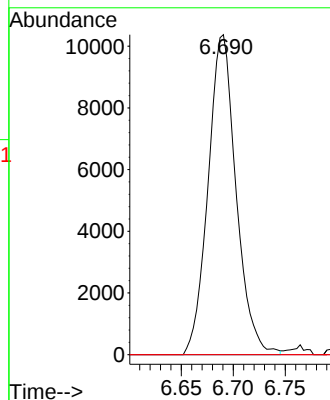
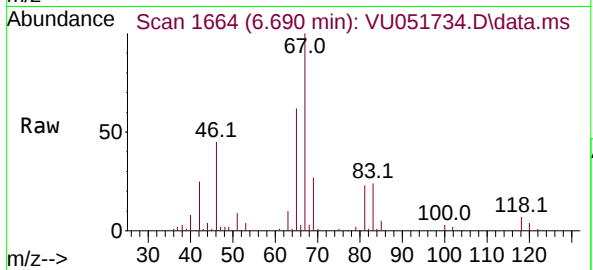




#35
Methylcyclohexane
Concen: 0.744 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU051734.D
Acq: 03 Nov 2022 15:26

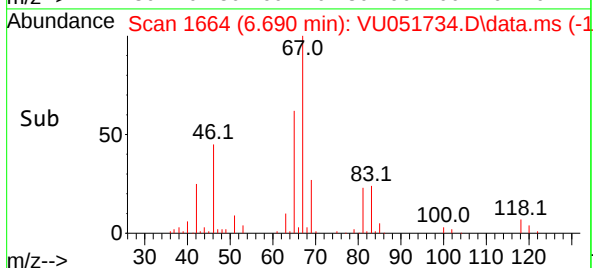
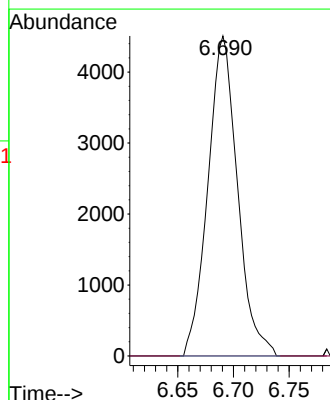
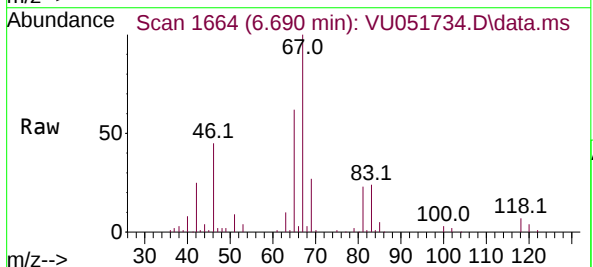
Instrument :
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ClientSampleId :
BHA3

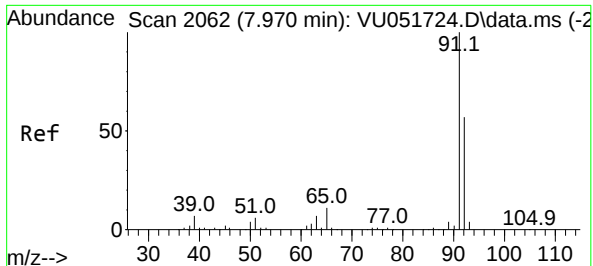
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.6	90.8#
98	0.5	35.8	53.6#



#37
1,2-Dichloropropane
Concen: 0.415 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.099 min
Lab File: VU051734.D
Acq: 03 Nov 2022 15:26

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#





#42

Toluene

Concen: 0.218 ug/L

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU051734.D

Acq: 03 Nov 2022 15:26

Instrument :

MSVOA_U

ClientSampleId :

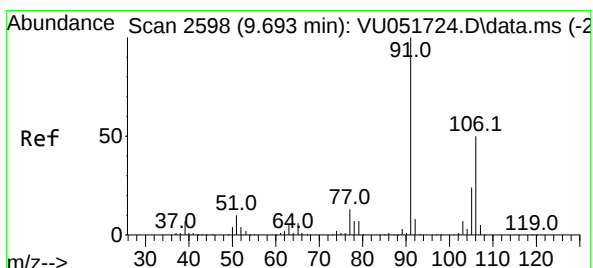
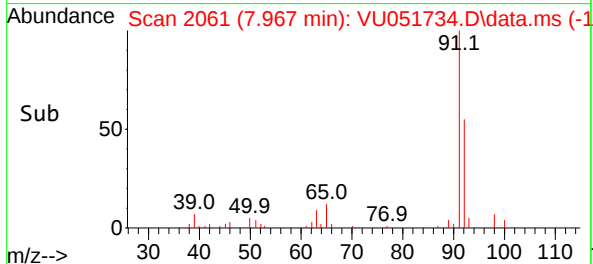
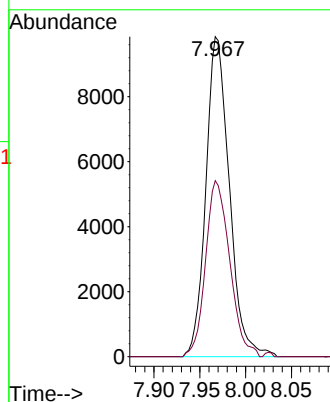
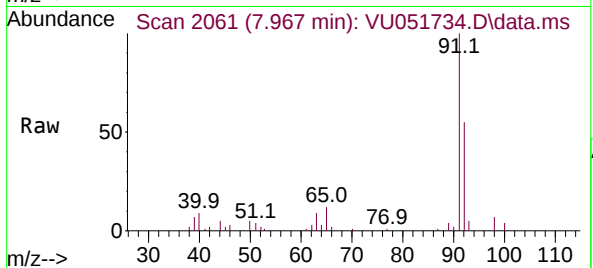
BHAF3

Tgt Ion: 91 Resp: 17539

Ion Ratio Lower Upper

91 100

92 55.0 40.5 75.3



#53

m,p-Xylene

Concen: 0.114 ug/L

RT: 9.694 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU051734.D

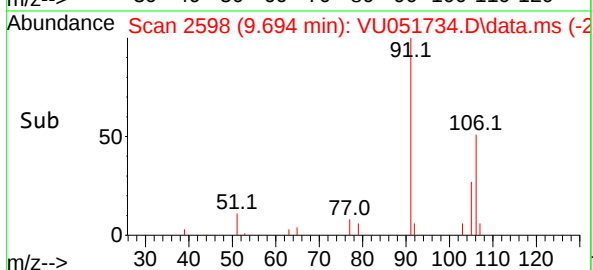
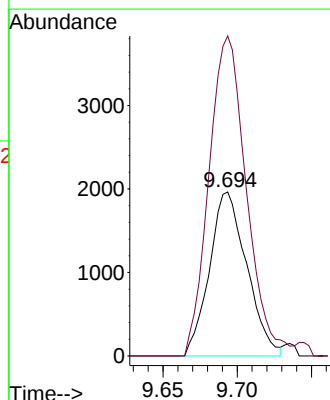
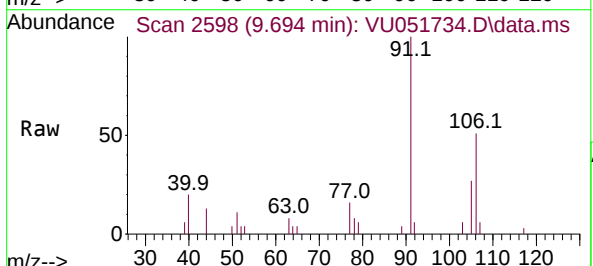
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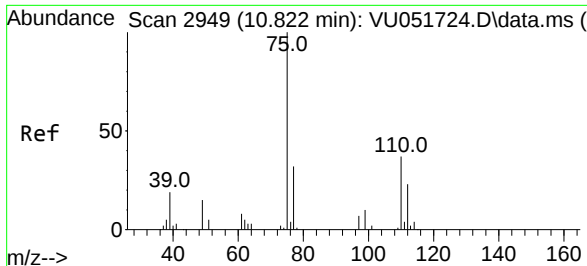
Tgt Ion: 106 Resp: 3429

Ion Ratio Lower Upper

106 100

91 195.2 139.4 259.0

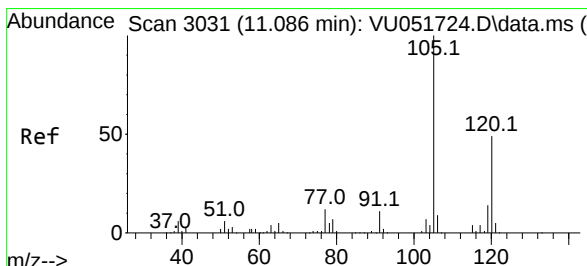
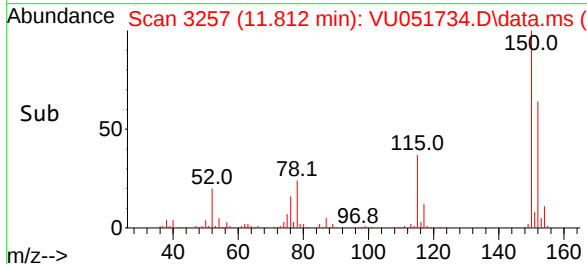
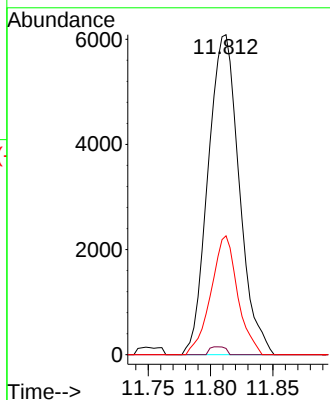
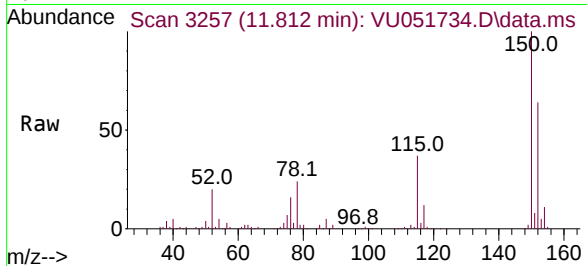




#61
1,2,3-Trichloropropane
Concen: 0.910 ug/L
RT: 11.812 min Scan# 3151
Delta R.T. 0.991 min
Lab File: VU051734.D
Acq: 03 Nov 2022 15:26

Instrument :
MSVOA_U
ClientSampleId :
BHA3

Tgt Ion: 75 Resp: 10572
Ion Ratio Lower Upper
75 100
110 1.2 28.7 43.1#
77 31.9 26.1 39.1



#62
1,3,5-Trimethylbenzene
Concen: 0.138 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.386 min
Lab File: VU051734.D
Acq: 03 Nov 2022 15:26

Tgt Ion: 105 Resp: 2429
Ion Ratio Lower Upper
105 100
120 41.5 38.6 57.8

