

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081522\
 Data File : VU050341.D
 Acq On : 15 Aug 2022 15:10
 Operator : SY/MD
 Sample : N4160-15RE
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 16 00:32:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 16 00:29:27 2022
 Response via : Initial Calibration

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

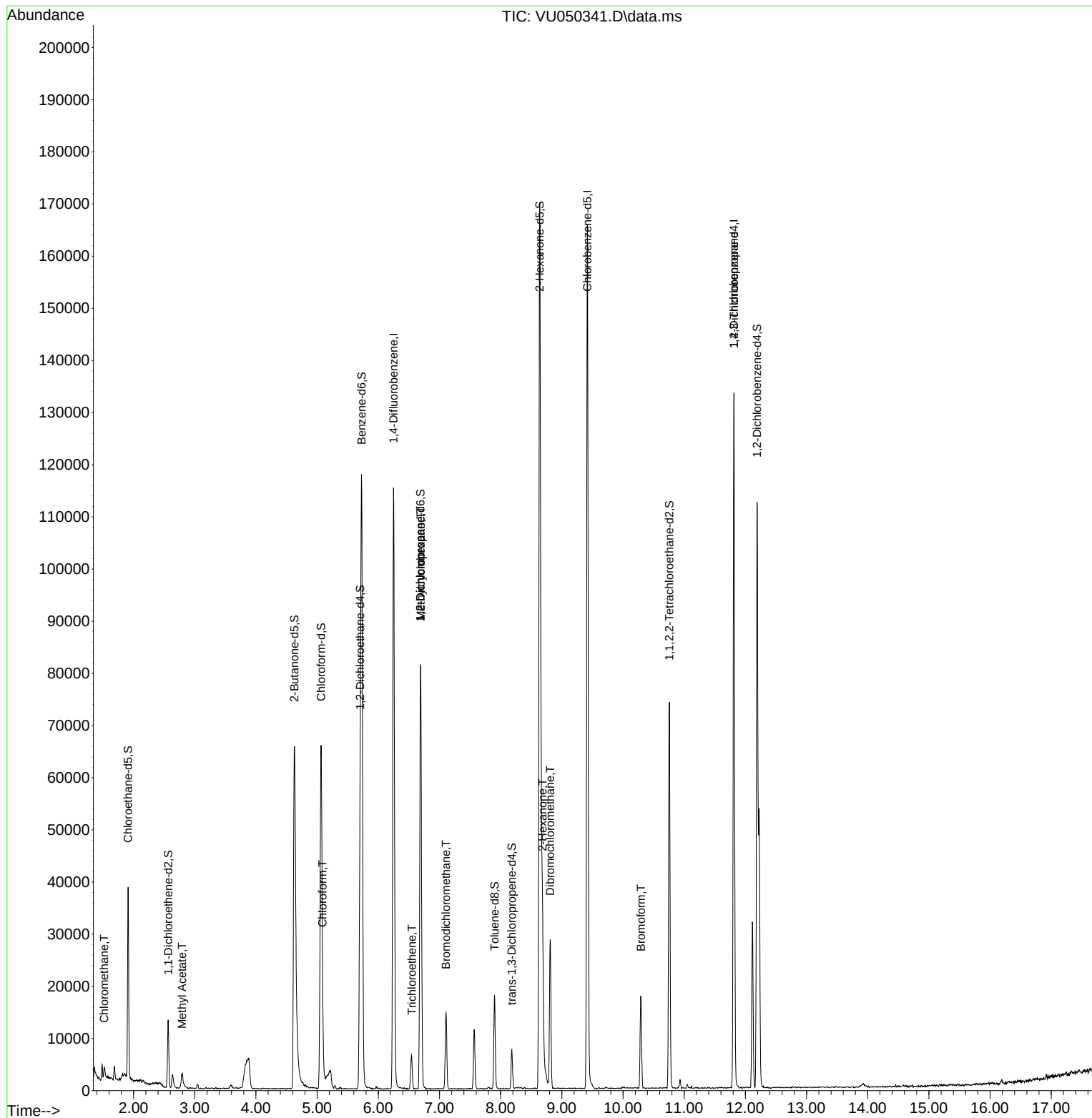
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	95826	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	95748	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	36009	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	0.000	65	0	0.000	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.000%#
7) Chloroethane-d5	1.909	69	26962	4.191	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.565	65	2547	0.817	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	16.400%#
20) 2-Butanone-d5	4.629	46	105808	54.408	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.820%
24) Chloroform-d	5.063	84	64100	4.321	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.703	65	34328	4.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.729	84	110681	3.704	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.000%
36) 1,2-Dichloropropane-d6	6.690	67	41867	4.255	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.899	98	12924	0.490	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	9.800%#
43) trans-1,3-Dichloroprop...	8.182	79	4998	1.417	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	28.400%#
46) 2-Hexanone-d5	8.636	63	51083	40.855	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.700%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	38441	4.449	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	30529	4.327	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
3) Chloromethane	1.520	50	1986	0.173	ug/L	92
15) Methyl Acetate	2.793	43	620	0.210	ug/L #	46
25) Chloroform	5.089	83	5724	0.382	ug/L	99
34) Trichloroethene	6.549	95	2028	0.250	ug/L	92
35) Methylcyclohexane	6.694	83	9300	0.888	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	4101	0.459	ug/L #	89
38) Bromodichloromethane	7.105	83	10323	0.951	ug/L	94
48) 2-Hexanone	8.684	43	15677	3.916	ug/L #	82
49) Dibromochloromethane	8.809	129	14764	1.997	ug/L	97
59) Bromoform	10.291	173	8225	2.278	ug/L #	96
61) 1,2,3-Trichloropropane	11.812	75	4394	0.896	ug/L #	66

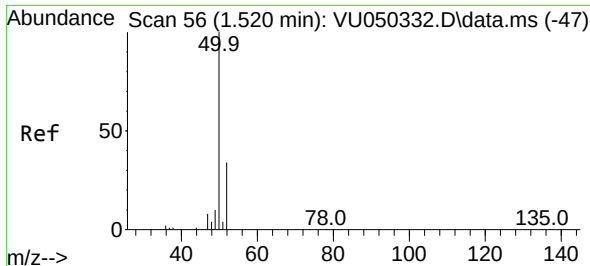
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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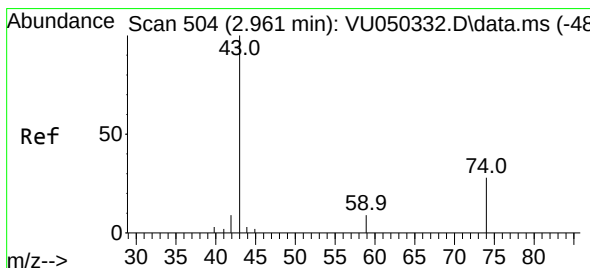
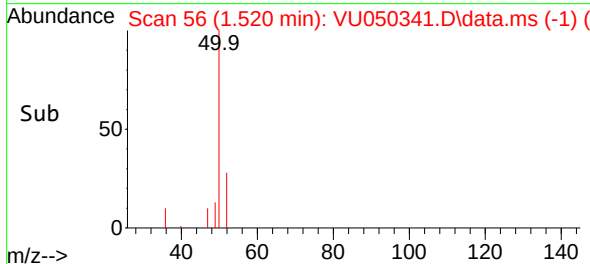
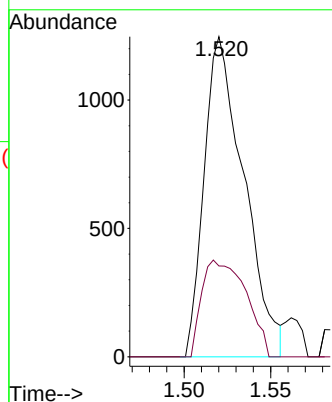
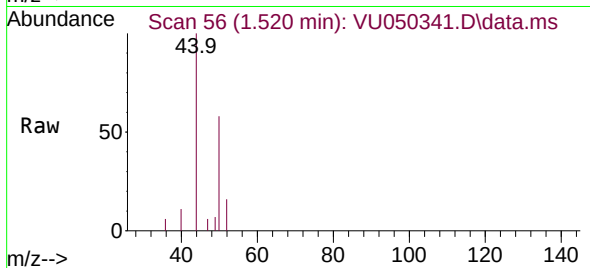




#3
Chloromethane
Concen: 0.173 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU050341.D
Acq: 15 Aug 2022 15:10

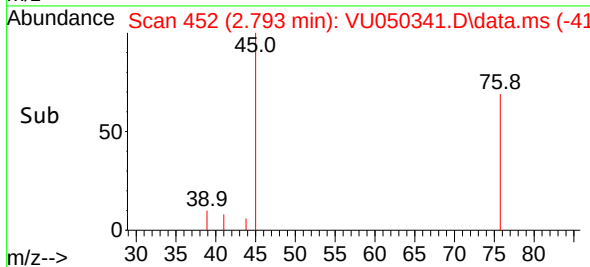
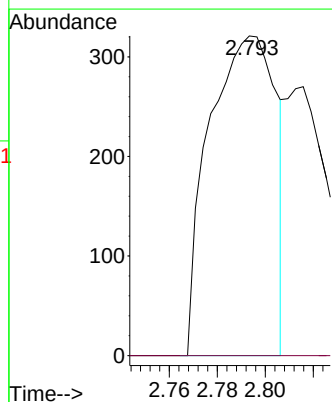
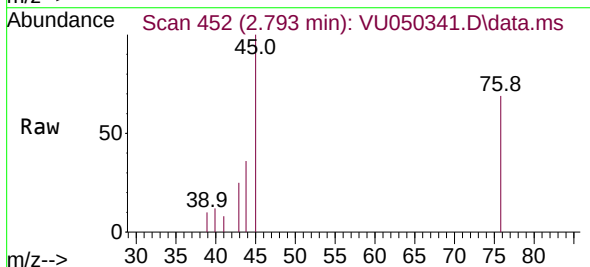
Instrument :
MSVOA_U
ClientSampleId :

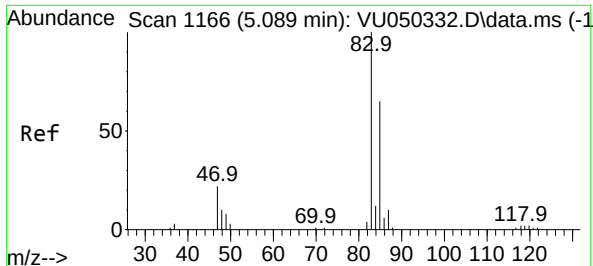
Tgt Ion: 50 Resp: 1986
Ion Ratio Lower Upper
50 100
52 28.4 23.2 43.2



#15
Methyl Acetate
Concen: 0.210 ug/L
RT: 2.793 min Scan# 452
Delta R.T. -0.168 min
Lab File: VU050341.D
Acq: 15 Aug 2022 15:10

Tgt Ion: 43 Resp: 620
Ion Ratio Lower Upper
43 100
74 0.0 22.7 34.1#





#25

Chloroform

Concen: 0.382 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU050341.D

Acq: 15 Aug 2022 15:10

Instrument :

MSVOA_U

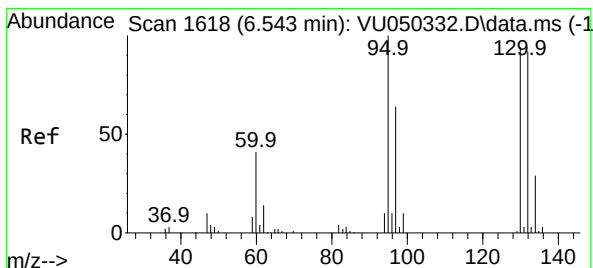
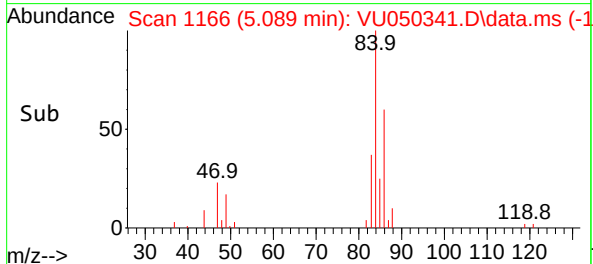
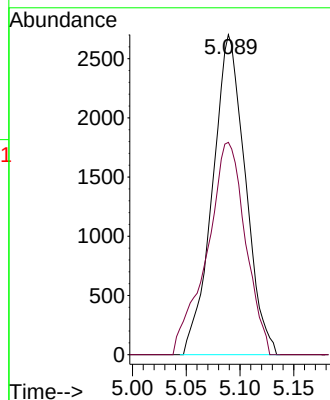
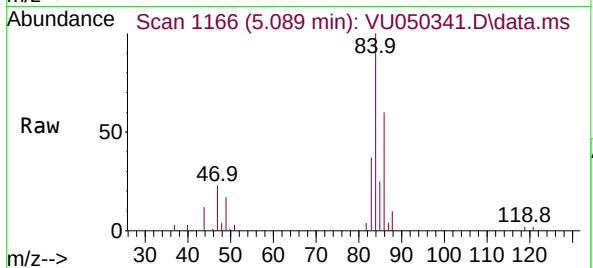
ClientSampleId :

Tgt Ion: 83 Resp: 5724

Ion Ratio Lower Upper

83 100

85 66.3 46.1 85.5



#34

Trichloroethene

Concen: 0.250 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VU050341.D

Acq: 15 Aug 2022 15:10

Tgt Ion: 95 Resp: 2028

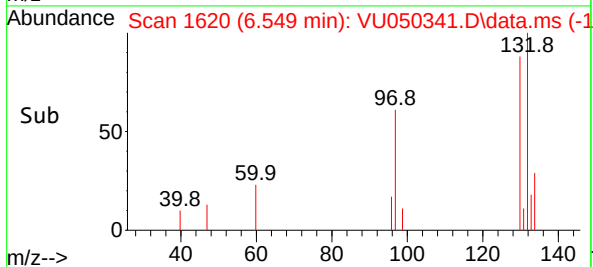
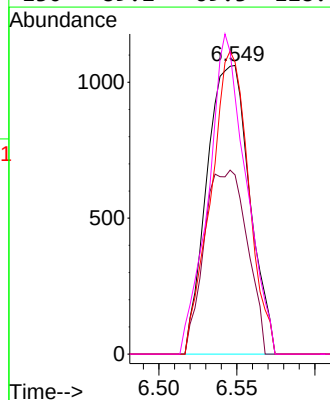
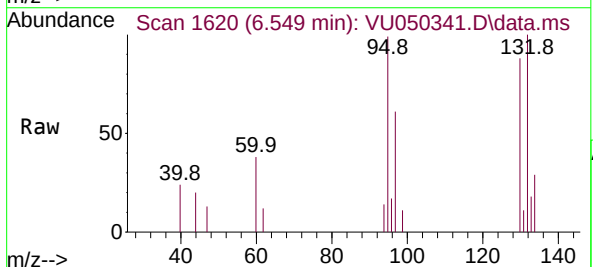
Ion Ratio Lower Upper

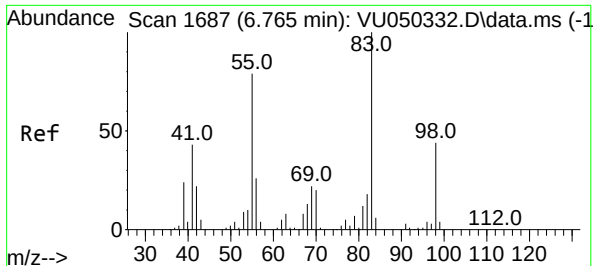
95 100

97 62.1 45.6 84.8

132 101.1 65.0 120.6

130 89.2 69.3 128.7





#35

Methylcyclohexane

Concen: 0.888 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU050341.D

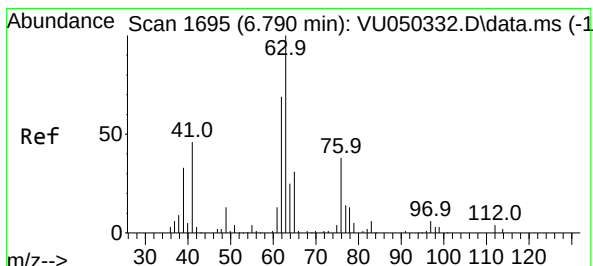
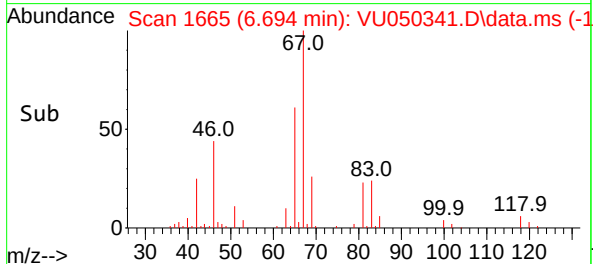
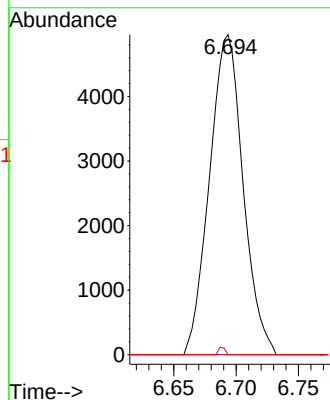
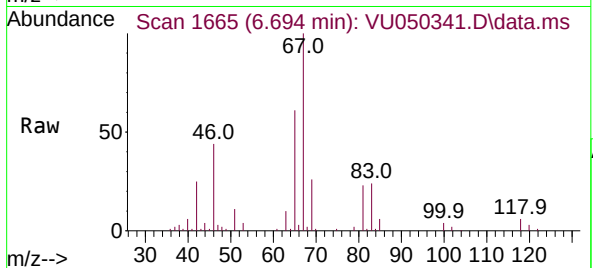
Acq: 15 Aug 2022 15:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	9300
Ion Ratio	Lower	Upper
83	100	
55	0.0	62.7 94.1#
98	0.5	36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.459 ug/L

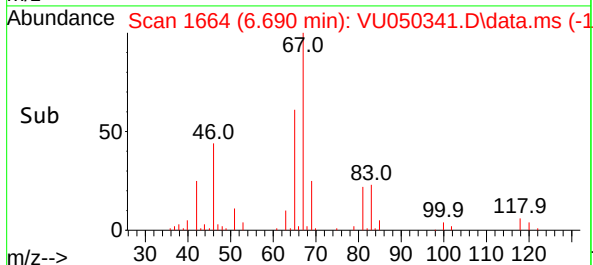
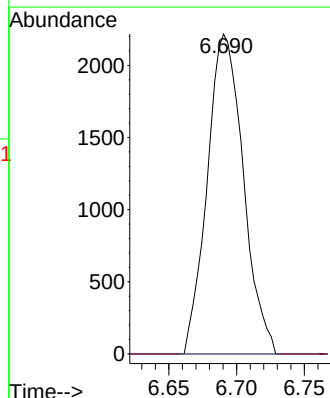
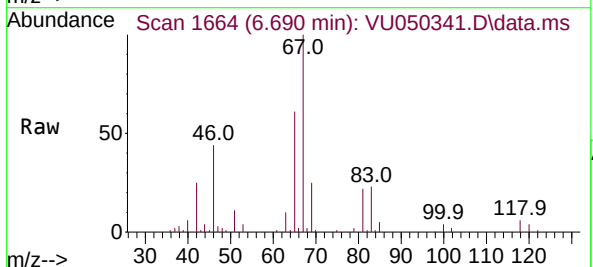
RT: 6.690 min Scan# 1664

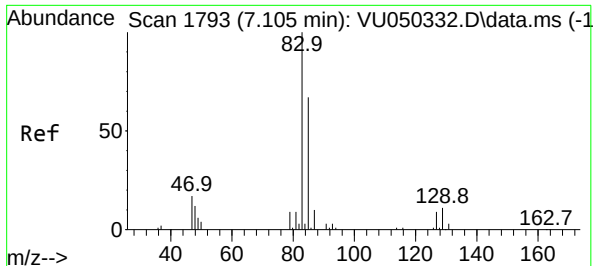
Delta R.T. -0.100 min

Lab File: VU050341.D

Acq: 15 Aug 2022 15:10

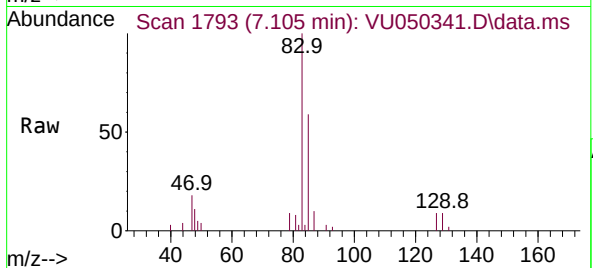
Tgt Ion: 63	Resp:	4101
Ion Ratio	Lower	Upper
63	100	
112	0.0	3.0 4.4#



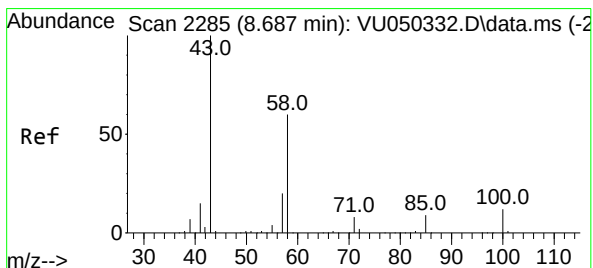
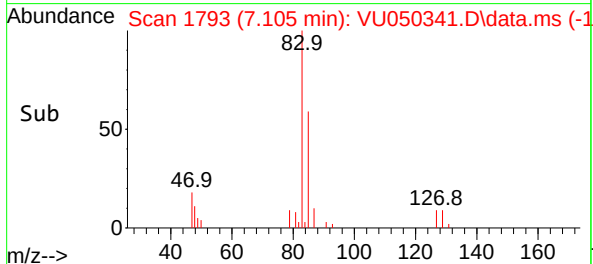
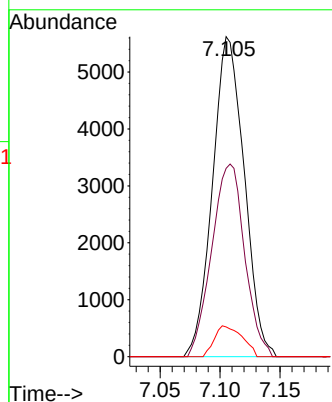


#38
Bromodichloromethane
Concen: 0.951 ug/L
RT: 7.105 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU050341.D
Acq: 15 Aug 2022 15:10

Instrument :
MSVOA_U
ClientSampleId :

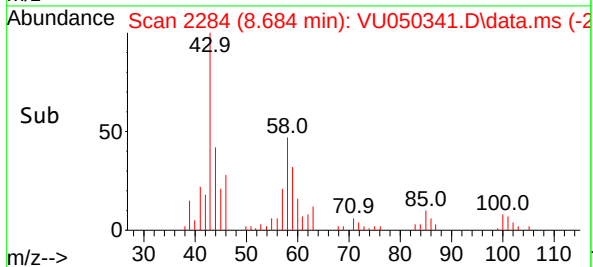
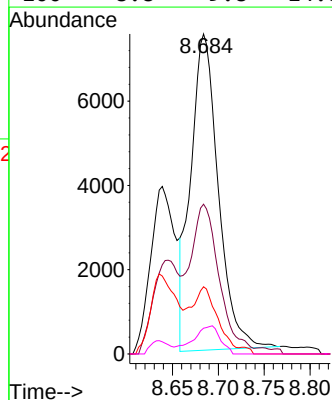
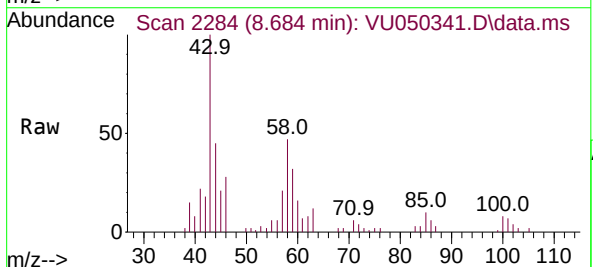


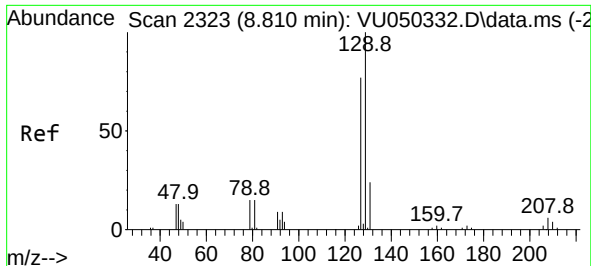
Tgt Ion: 83 Resp: 10323
Ion Ratio Lower Upper
83 100
85 58.9 45.1 83.7
127 9.3 6.8 10.2



#48
2-Hexanone
Concen: 3.916 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. -0.004 min
Lab File: VU050341.D
Acq: 15 Aug 2022 15:10

Tgt Ion: 43 Resp: 15677
Ion Ratio Lower Upper
43 100
58 46.2 50.6 76.0#
57 14.7 16.0 24.0#
100 8.8 9.8 14.8#





#49

Dibromochloromethane

Concen: 1.997 ug/L

RT: 8.809 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU050341.D

Acq: 15 Aug 2022 15:10

Instrument :

MSVOA_U

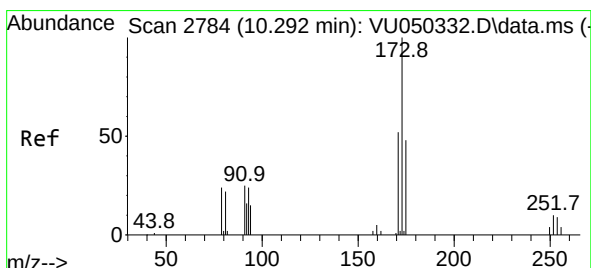
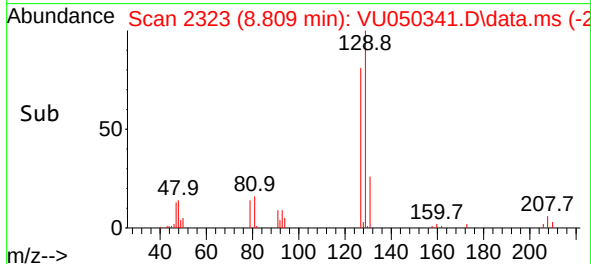
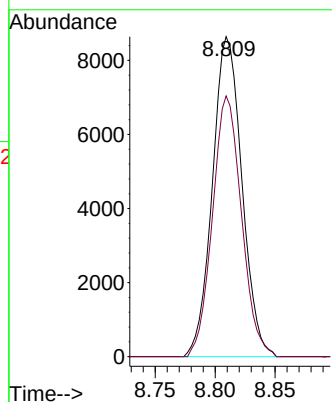
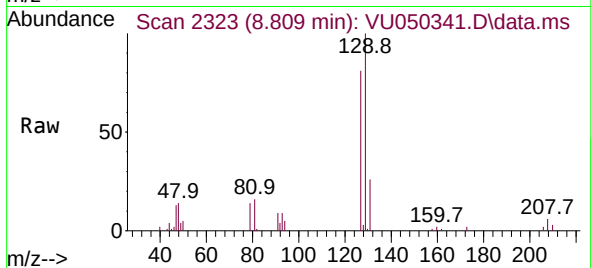
ClientSampleId :

Tgt Ion:129 Resp: 14764

Ion Ratio Lower Upper

129 100

127 81.5 55.3 102.7



#59

Bromoform

Concen: 2.278 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU050341.D

Acq: 15 Aug 2022 15:10

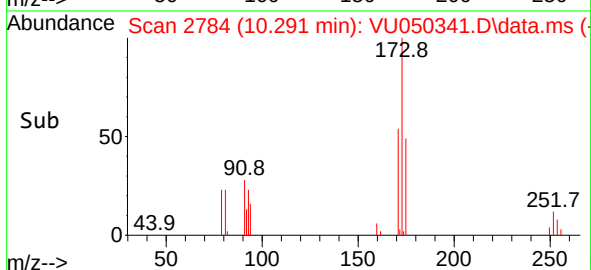
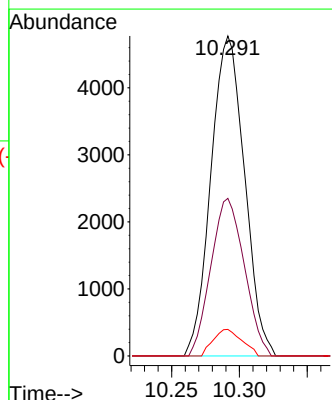
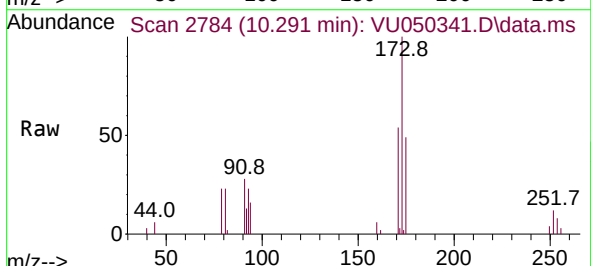
Tgt Ion:173 Resp: 8225

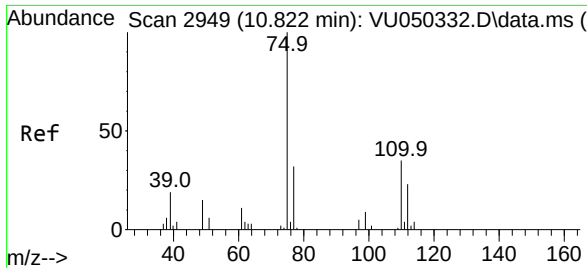
Ion Ratio Lower Upper

173 100

175 49.0 37.0 55.6

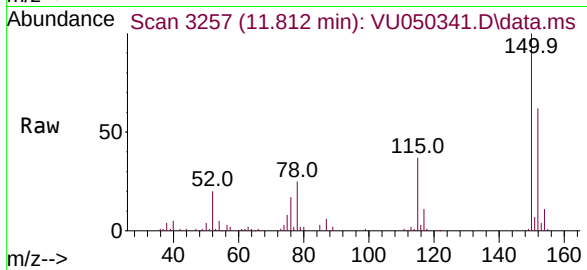
254 7.1 7.4 11.0#





#61
 1,2,3-Trichloropropane
 Concen: 0.896 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU050341.D
 Acq: 15 Aug 2022 15:10

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4394
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.5 42.7#
 77 29.9 25.8 38.6

