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 Data File : VU054750.D
 Acq On : 03 Jul 2023 15:39
 Operator : MD/SY
 Sample : 03495-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FC3

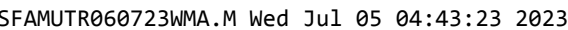
Quant Time: Jul 05 04:43:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 05 04:39:25 2023
 Response via : Initial Calibration

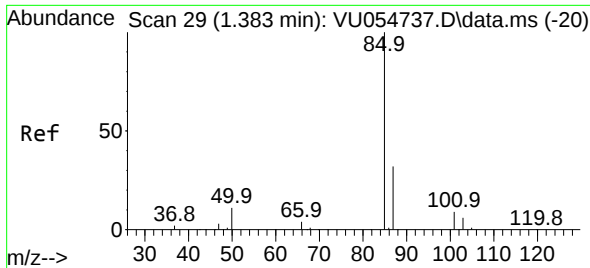
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	263559	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	262706	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	121221	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	63921	3.811	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.907	69	60885	3.877	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.560	65	26973	3.601	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	4.628	46	244762	51.901	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.800%
24) Chloroform-d	5.062	84	140002	3.993	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
26) 1,2-Dichloroethane-d4	5.701	65	75553	4.421	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.724	84	265875	3.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.800%
36) 1,2-Dichloropropane-d6	6.689	67	92861	3.808	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.200%
41) Toluene-d8	7.894	98	218086	3.365	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.200%#
43) trans-1,3-Dichloroprop...	8.177	79	32740	3.860	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	8.631	63	165731	46.579	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.160%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	80327	4.417	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	84529	4.134	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.489	85	3194	0.130	ug/L	96
3) Chloromethane	1.518	50	14363	0.508	ug/L	98
5) Vinyl chloride	1.602	62	3941	0.136	ug/L #	72
12) 1,1-Dichloroethene	2.573	96	2419	0.127	ug/L #	1
14) Carbon disulfide	2.788	76	24061	0.424	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	15773	0.799	ug/L	93
22) cis-1,2-Dichloroethene	4.663	96	482611	21.473	ug/L	98
25) Chloroform	5.084	83	16721	0.415	ug/L	97
34) Trichloroethene	6.537	95	617494	24.733	ug/L	96
35) Methylcyclohexane	6.685	83	20869	0.553	ug/L #	16
42) Toluene	7.968	91	16119	0.166	ug/L	99
47) Tetrachloroethene	8.550	164	108703	5.688	ug/L	99
48) 2-Hexanone	8.685	43	8157	0.804	ug/L	96
49) Dibromochloromethane	8.550	129	103471	6.068	ug/L #	11
61) 1,2,3-Trichloropropane	11.811	75	14943	1.220	ug/L #	70

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

Quant Time: Jul 05 04:43:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 05 04:39:25 2023
Response via : Initial Calibration

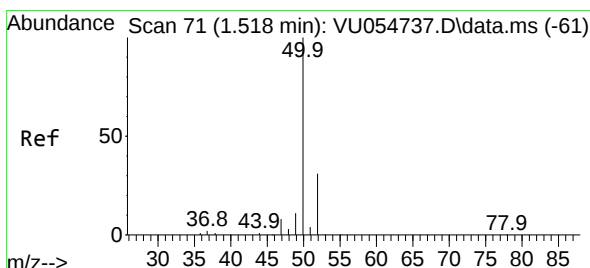
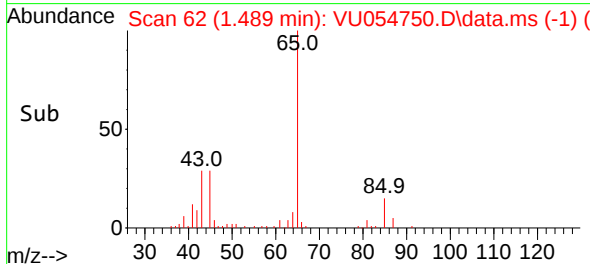
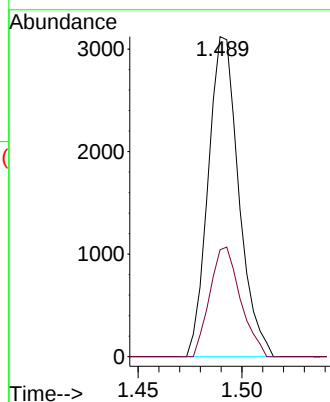
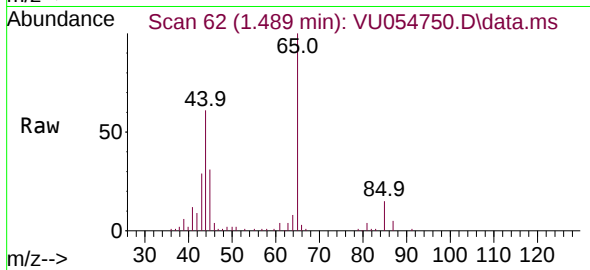




#2
 Dichlorodifluoromethane
 Concen: 0.130 ug/L
 RT: 1.489 min Scan# 61
 Delta R.T. 0.106 min
 Lab File: VU054750.D
 Acq: 03 Jul 2023 15:39

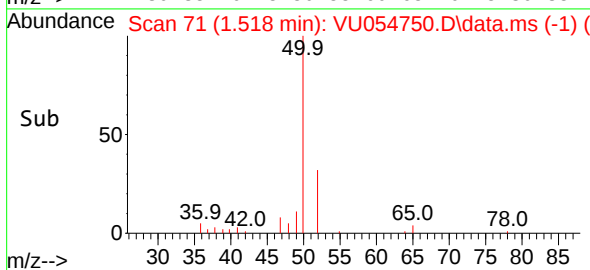
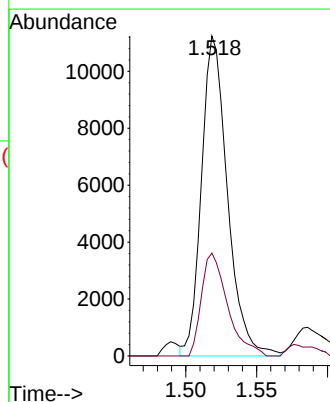
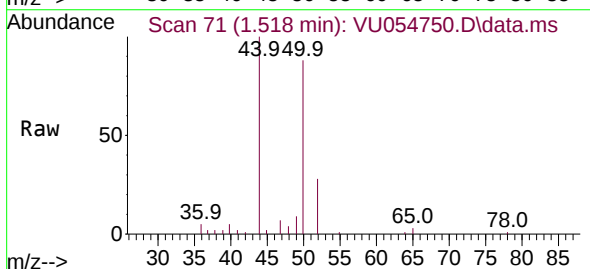
Instrument :
 MSVOA_U
 ClientSampleId :
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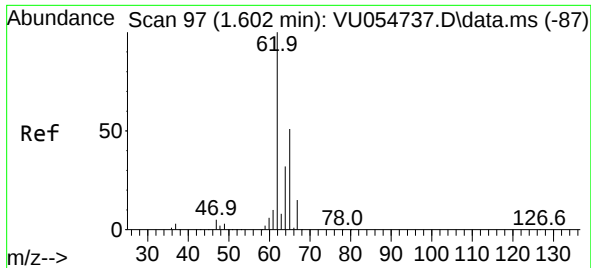
Tgt Ion: 85 Resp: 3194
 Ion Ratio Lower Upper
 85 100
 87 34.3 25.4 38.2



#3
 Chloromethane
 Concen: 0.508 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU054750.D
 Acq: 03 Jul 2023 15:39

Tgt Ion: 50 Resp: 14363
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.4 43.4

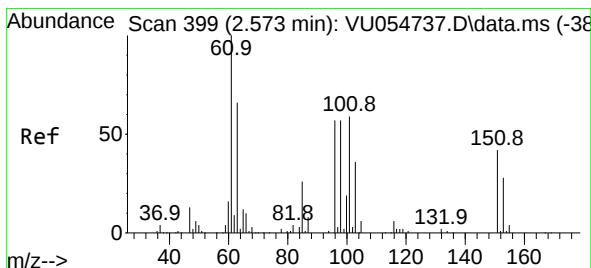
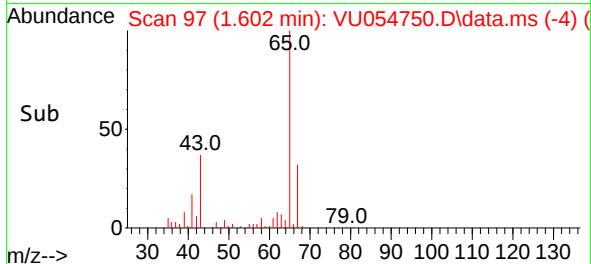
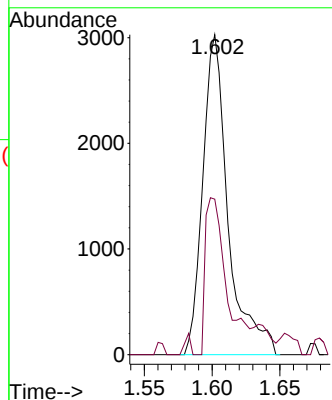
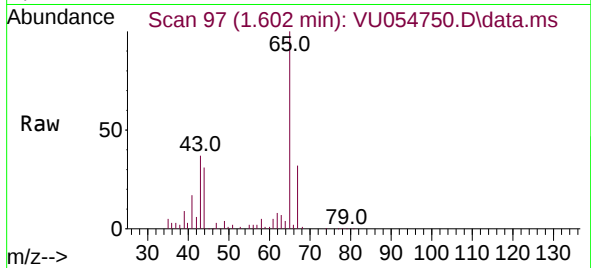




#5
 Vinyl chloride
 Concen: 0.136 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU054750.D
 Acq: 03 Jul 2023 15:39

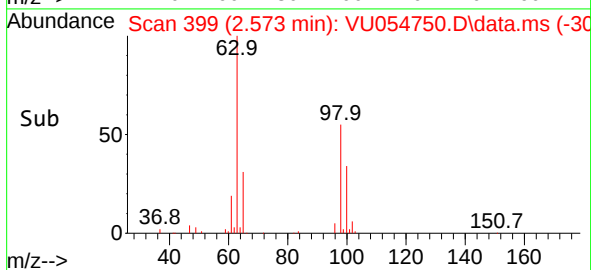
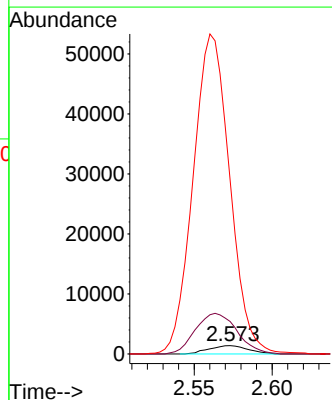
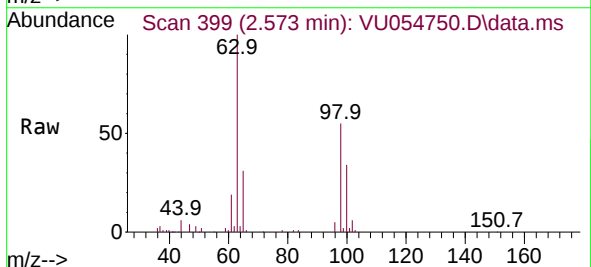
Instrument :
 MSVOA_U
 ClientSampleId :
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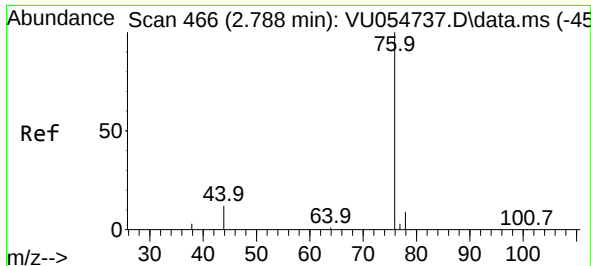
Tgt Ion: 62 Resp: 3941
 Ion Ratio Lower Upper
 62 100
 64 48.6 23.0 42.6#



#12
 1,1-Dichloroethene
 Concen: 0.127 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU054750.D
 Acq: 03 Jul 2023 15:39

Tgt Ion: 96 Resp: 2419
 Ion Ratio Lower Upper
 96 100
 61 391.6 119.9 222.7#
 63 2100.7 64.3 119.3#

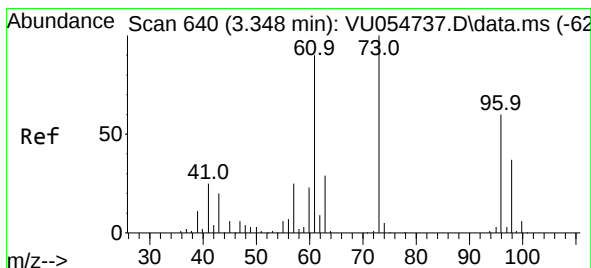
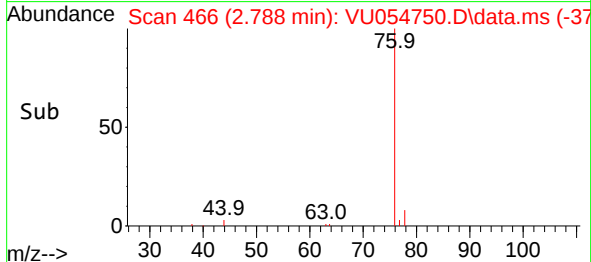
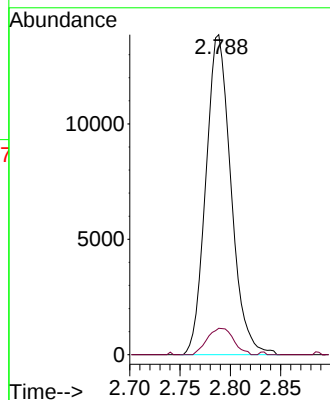
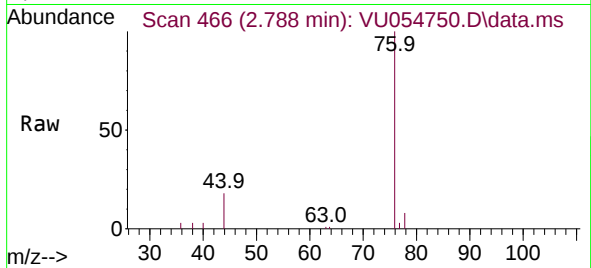




#14
Carbon disulfide
Concen: 0.424 ug/L
RT: 2.788 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU054750.D
Acq: 03 Jul 2023 15:39

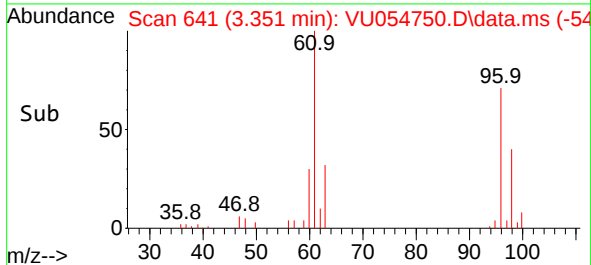
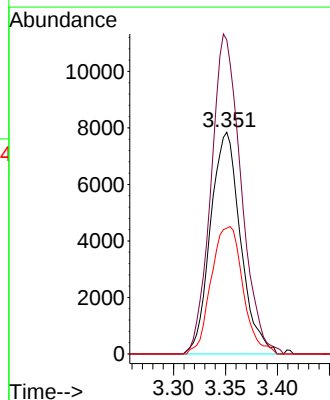
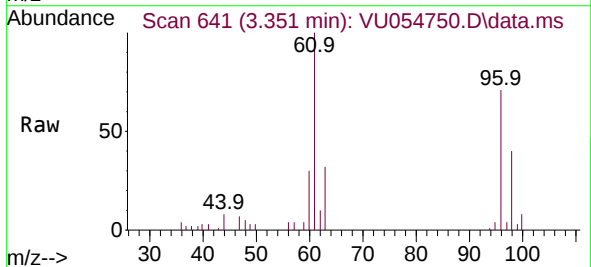
Instrument :
MSVOA_U
ClientSampleId :
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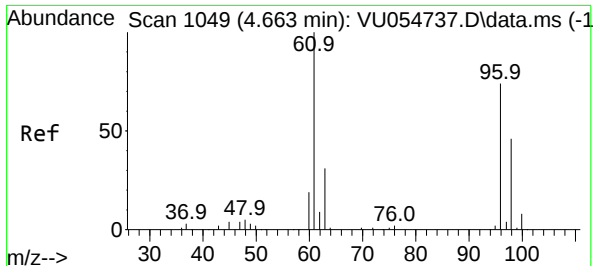
Tgt Ion: 76 Resp: 24061
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0



#18
trans-1,2-Dichloroethene
Concen: 0.799 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU054750.D
Acq: 03 Jul 2023 15:39

Tgt Ion: 96 Resp: 15773
Ion Ratio Lower Upper
96 100
61 141.7 104.6 194.2
98 56.7 45.4 84.4





#22

cis-1,2-Dichloroethene

Concen: 21.473 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU054750.D

Acq: 03 Jul 2023 15:39

Instrument :

MSVOA_U

ClientSampleId :

H0FC3

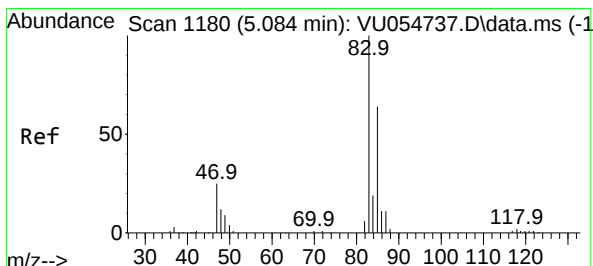
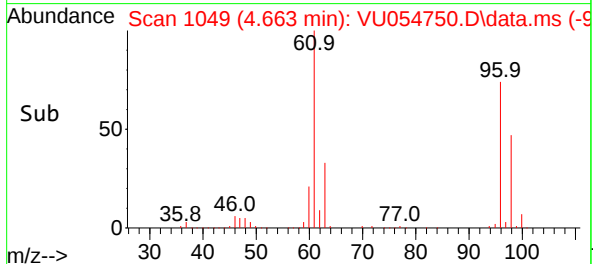
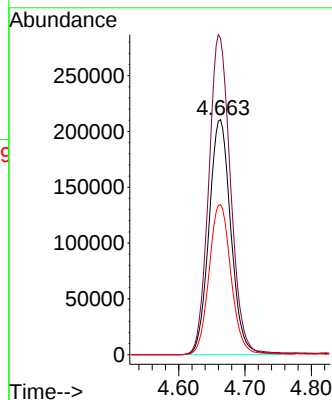
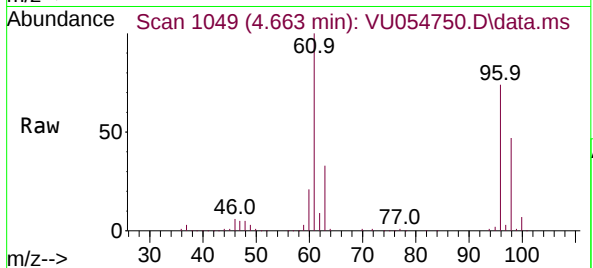
Tgt Ion: 96 Resp: 482611

Ion Ratio Lower Upper

96 100

61 134.5 96.5 179.1

98 63.8 44.9 83.3



#25

Chloroform

Concen: 0.415 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU054750.D

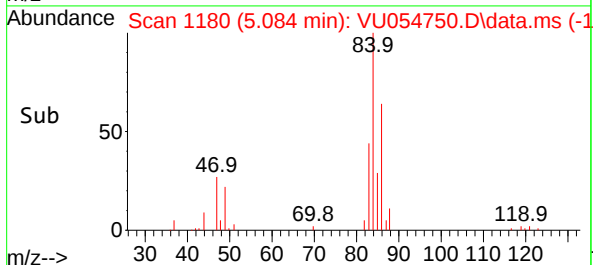
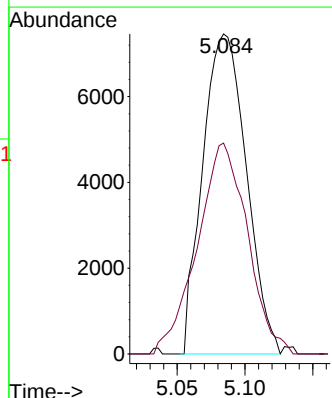
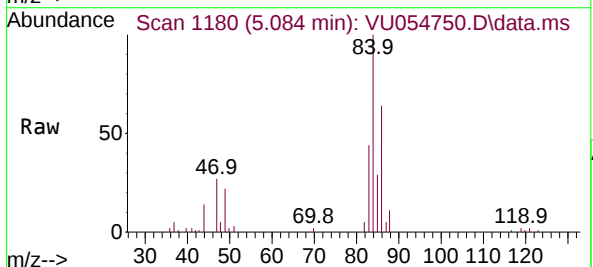
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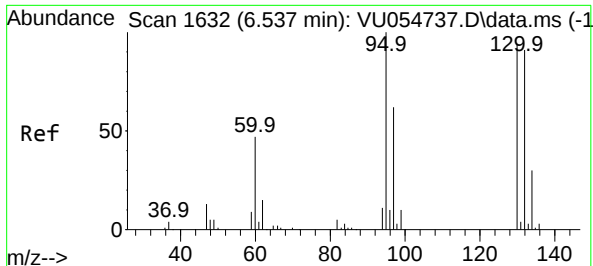
Tgt Ion: 83 Resp: 16721

Ion Ratio Lower Upper

83 100

85 65.9 44.7 82.9

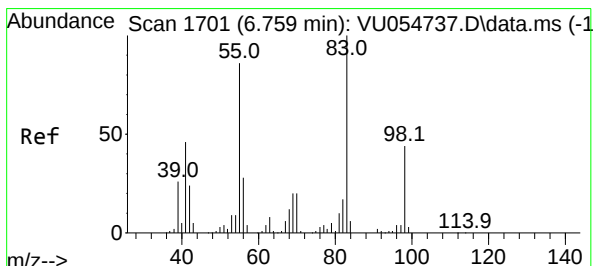
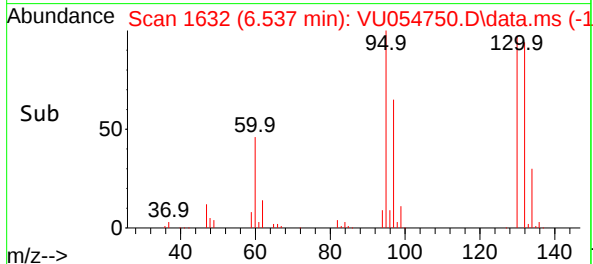
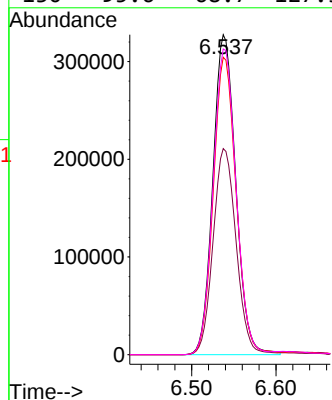
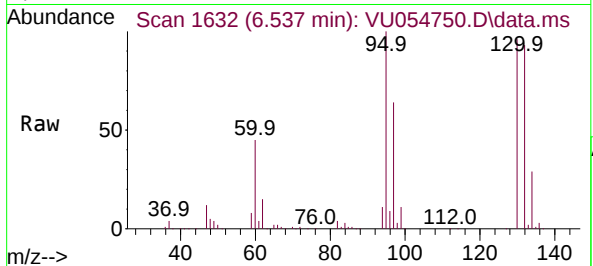




#34
Trichloroethene
Concen: 24.733 ug/L
RT: 6.537 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VU054750.D
Acq: 03 Jul 2023 15:39

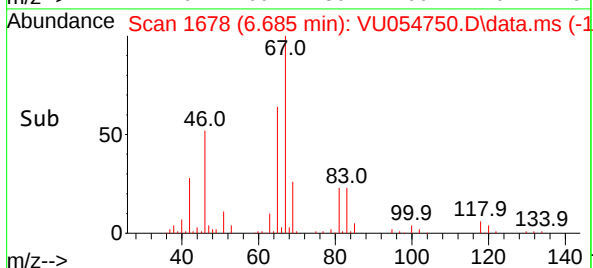
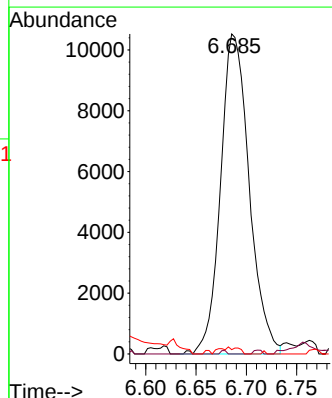
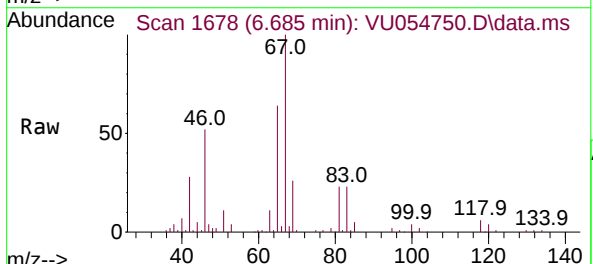
Instrument :
MSVOA_U
ClientSampleId :
H0FC3

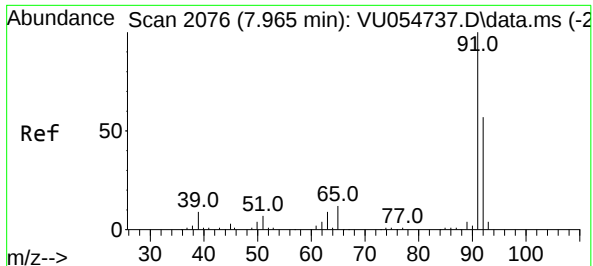
Tgt Ion: 95 Resp: 617494
Ion Ratio Lower Upper
95 100
97 64.4 46.8 87.0
132 93.0 68.4 127.0
130 95.6 68.7 127.5



#35
Methylcyclohexane
Concen: 0.553 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU054750.D
Acq: 03 Jul 2023 15:39

Tgt Ion: 83 Resp: 20869
Ion Ratio Lower Upper
83 100
55 0.2 67.1 100.7#
98 0.0 35.1 52.7#





#42

Toluene

Concen: 0.166 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU054750.D

Acq: 03 Jul 2023 15:39

Instrument :

MSVOA_U

ClientSampleId :

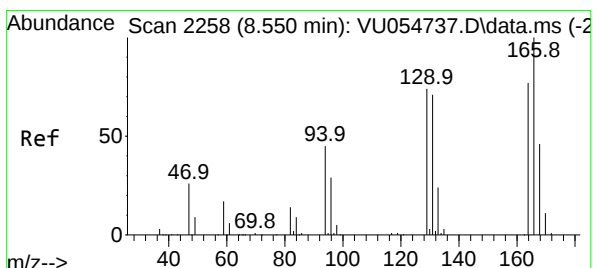
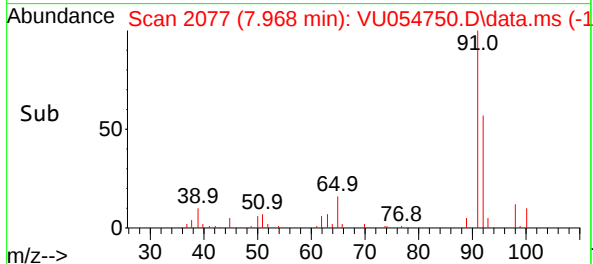
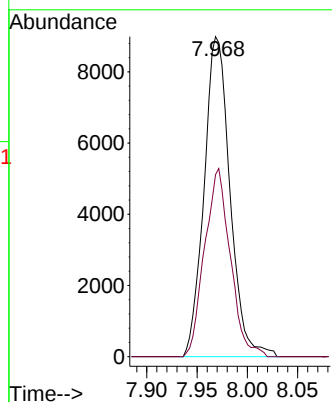
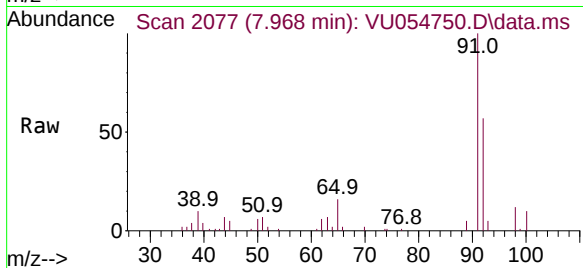
H0FC3

Tgt Ion: 91 Resp: 16119

Ion Ratio Lower Upper

91 100

92 56.9 39.5 73.4



#47

Tetrachloroethene

Concen: 5.688 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU054750.D

Acq: 03 Jul 2023 15:39

Tgt Ion: 164 Resp: 108703

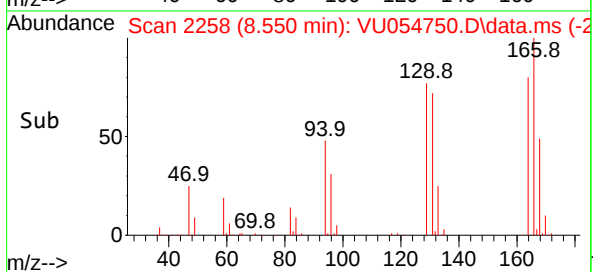
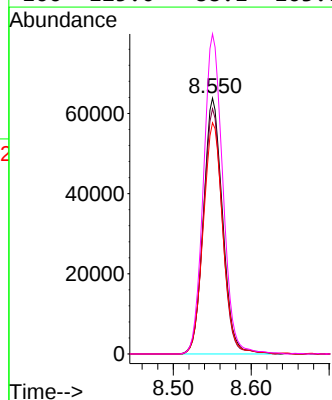
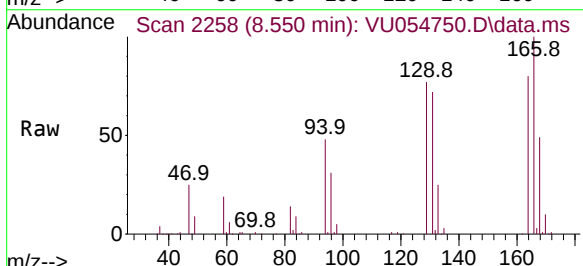
Ion Ratio Lower Upper

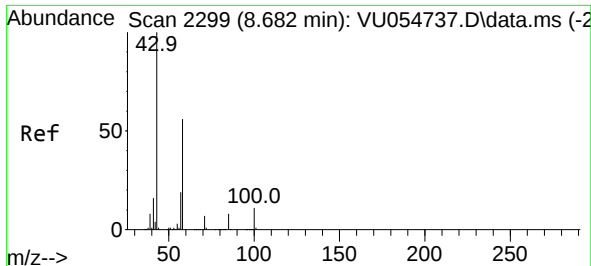
164 100

129 95.8 67.7 125.7

131 90.3 64.6 120.0

166 125.0 88.1 163.7



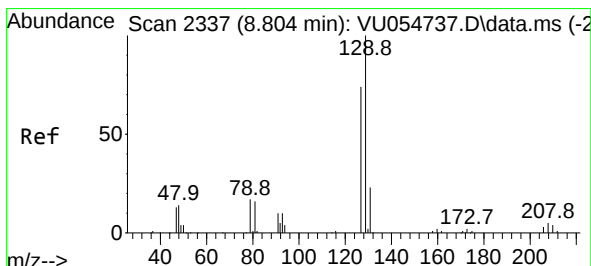
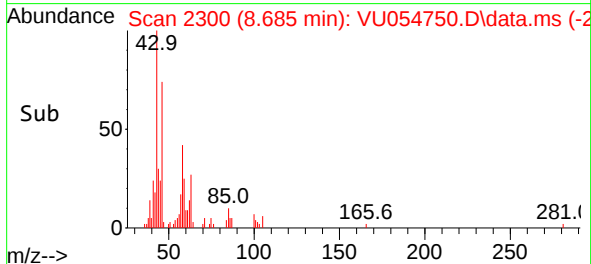
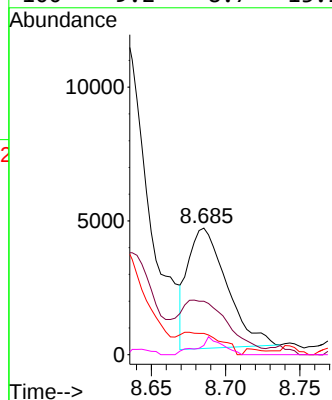
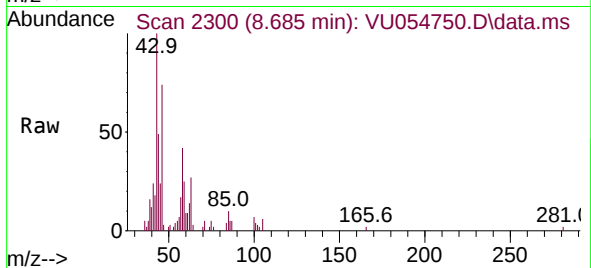


#48
2-Hexanone
Concen: 0.804 ug/L
RT: 8.685 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU054750.D
Acq: 03 Jul 2023 15:39

Instrument :
MSVOA_U
ClientSampleId :
H0FC3

Tgt Ion: 43 Resp: 8157

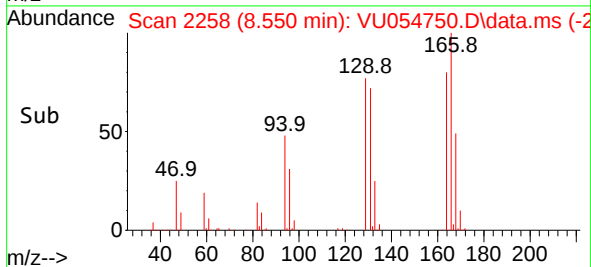
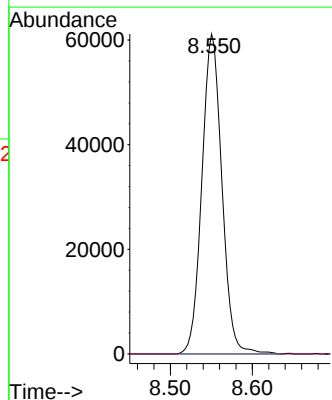
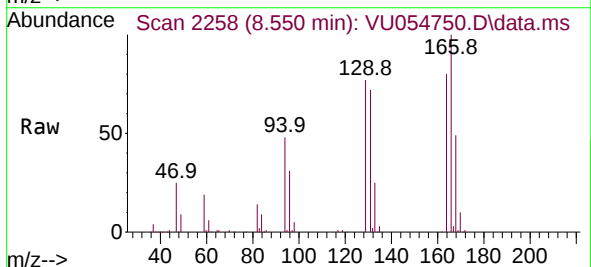
Ion	Ratio	Lower	Upper
43	100		
58	53.6	45.2	67.8
57	19.0	15.8	23.6
100	9.2	8.7	13.1

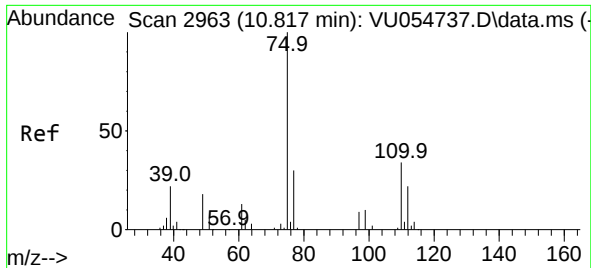


#49
Dibromochloromethane
Concen: 6.068 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU054750.D
Acq: 03 Jul 2023 15:39

Tgt Ion: 129 Resp: 103471

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.2	98.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.220 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU054750.D
 Acq: 03 Jul 2023 15:39

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FC3

Tgt Ion: 75 Resp: 14943
 Ion Ratio Lower Upper
 75 100
 110 2.9 28.0 42.0#
 77 33.4 25.4 38.2

