

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070323\
 Data File : VU054746.D
 Acq On : 03 Jul 2023 14:00
 Operator : MD/SY
 Sample : 03495-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FB4

Quant Time: Jul 05 04:42:15 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

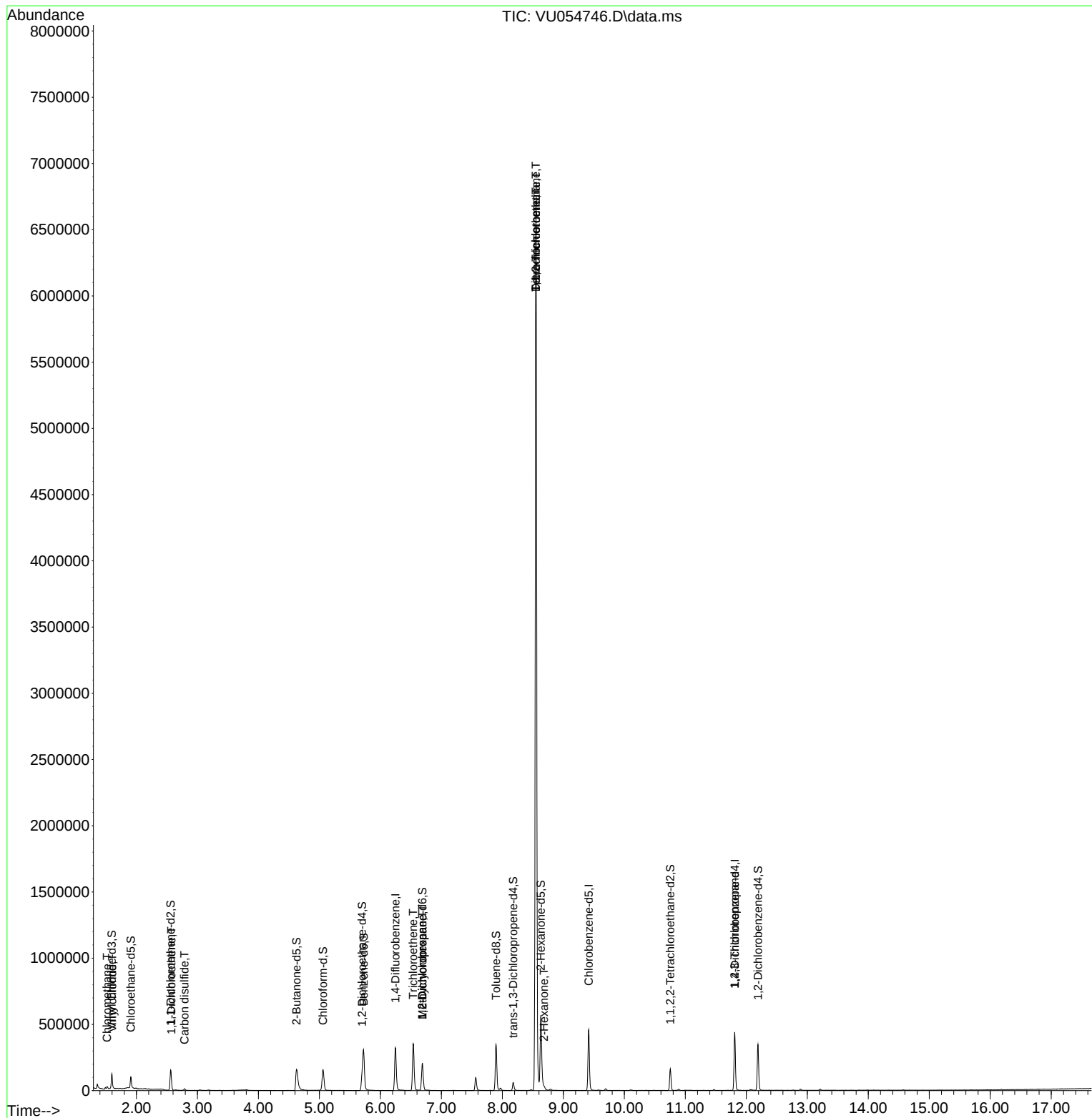
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	252833	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	252448	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	116354	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	70941	4.409	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.908	69	65542	4.351	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.560	65	29695	4.132	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	4.625	46	258398	57.117	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.240%
24) Chloroform-d	5.059	84	148218	4.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.699	65	80045	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.724	84	282559	4.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.689	67	99670	4.253	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.895	98	233424	3.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.000%
43) trans-1,3-Dichloroprop...	8.178	79	36246	4.447	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.631	63	186360	54.505	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.020%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	84392	4.829	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	91790	4.677	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.519	50	12784	0.471	ug/L	100
5) Vinyl chloride	1.602	62	12737	0.457	ug/L	89
12) 1,1-Dichloroethene	2.573	96	3305	0.180	ug/L #	1
14) Carbon disulfide	2.789	76	15168	0.279	ug/L	96
34) Trichloroethene	6.538	95	123024	5.128	ug/L	95
35) Methylcyclohexane	6.689	83	22666	0.625	ug/L #	16
37) 1,2-Dichloropropane	6.689	63	10899	0.444	ug/L #	90
45) 1,1,2-Trichloroethane	8.547	97	12857	0.824	ug/L #	1
47) Tetrachloroethene	8.551	164	1486108	80.921	ug/L	99
48) 2-Hexanone	8.682	43	10942	1.122	ug/L #	80
49) Dibromochloromethane	8.551	129	1417132	86.481	ug/L #	11
61) 1,2,3-Trichloropropane	11.808	75	13354	1.136	ug/L #	67

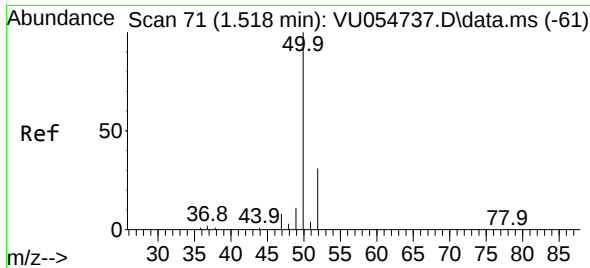
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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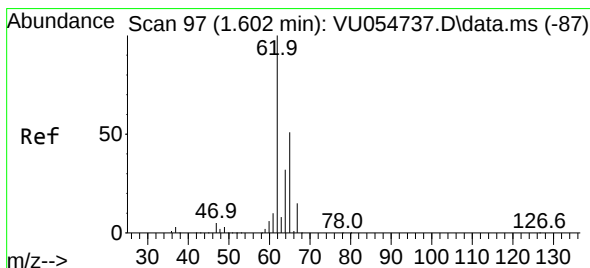
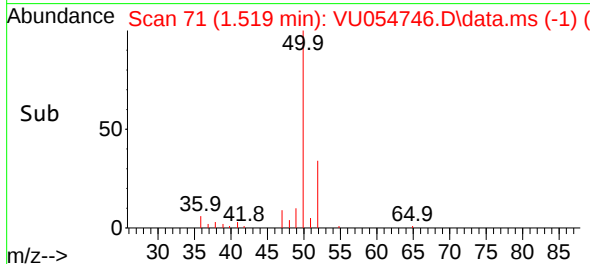
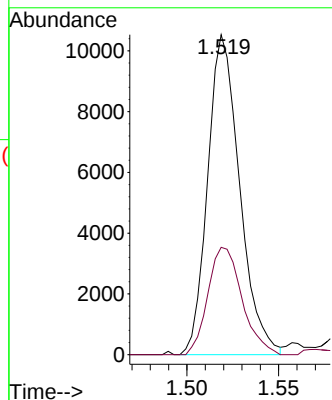
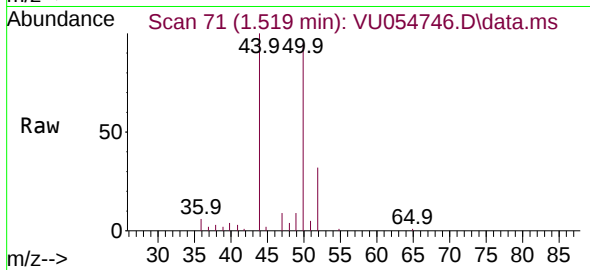




#3
Chloromethane
Concen: 0.471 ug/L
RT: 1.519 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054746.D
Acq: 03 Jul 2023 14:00

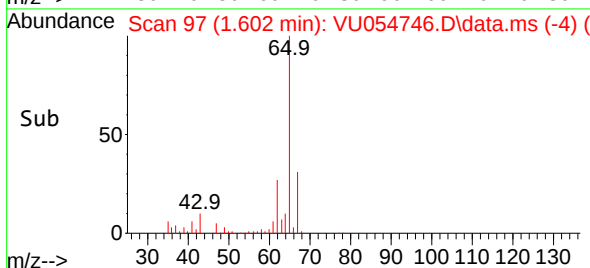
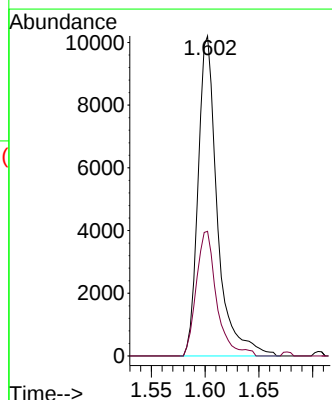
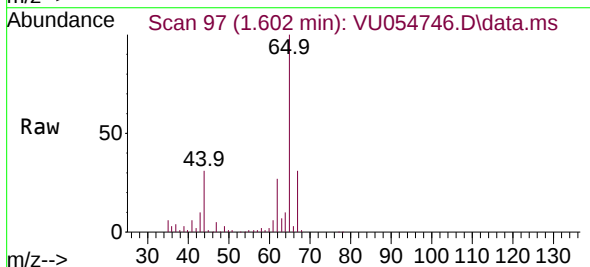
Instrument :
MSVOA_U
ClientSampleId :
H0FB4

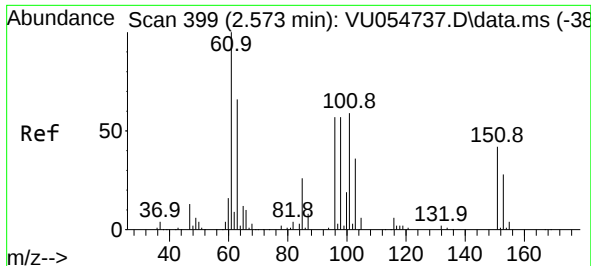
Tgt Ion: 50 Resp: 12784
Ion Ratio Lower Upper
50 100
52 33.6 23.4 43.4



#5
Vinyl chloride
Concen: 0.457 ug/L
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU054746.D
Acq: 03 Jul 2023 14:00

Tgt Ion: 62 Resp: 12737
Ion Ratio Lower Upper
62 100
64 39.0 23.0 42.6





#12

1,1-Dichloroethene

Concen: 0.180 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU054746.D

Acq: 03 Jul 2023 14:00

Instrument :

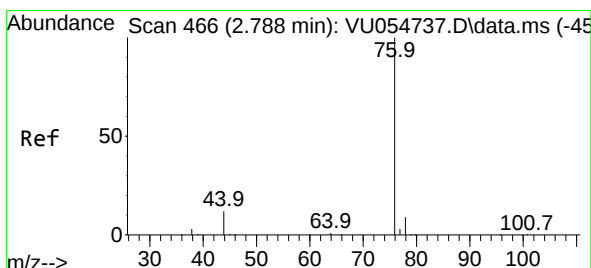
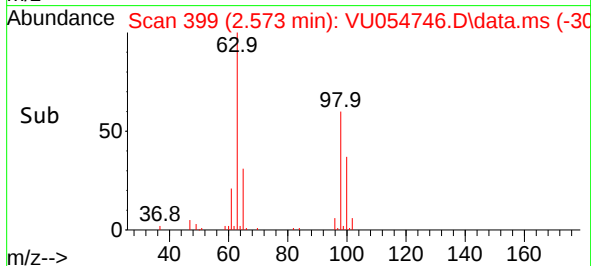
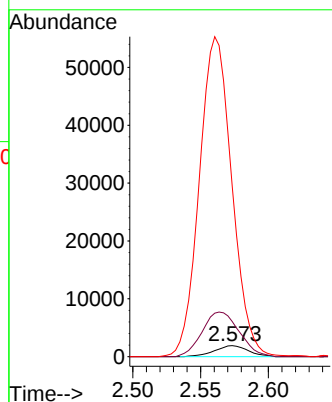
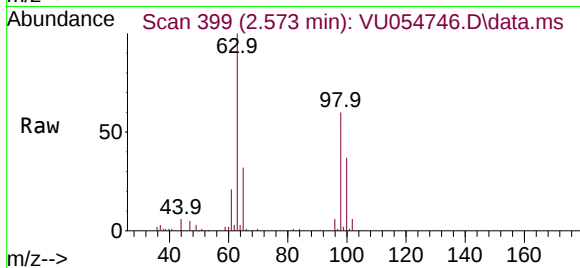
MSVOA_U

ClientSampleId :

H0FB4

Tgt Ion: 96 Resp: 3305

Ion	Ratio	Lower	Upper
96	100		
61	318.6	119.9	222.7#
63	1544.3	64.3	119.3#



#14

Carbon disulfide

Concen: 0.279 ug/L

RT: 2.789 min Scan# 466

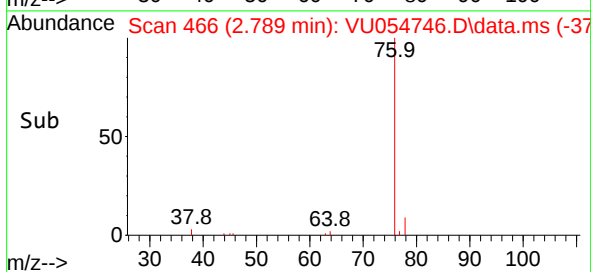
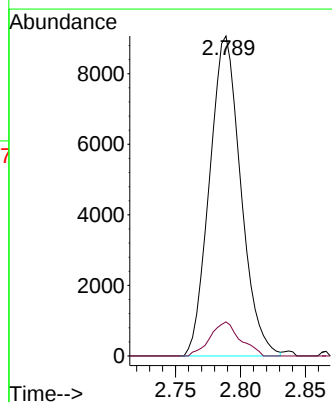
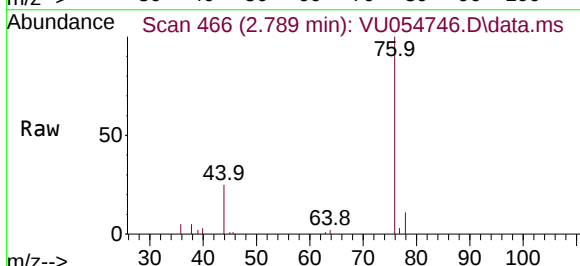
Delta R.T. 0.000 min

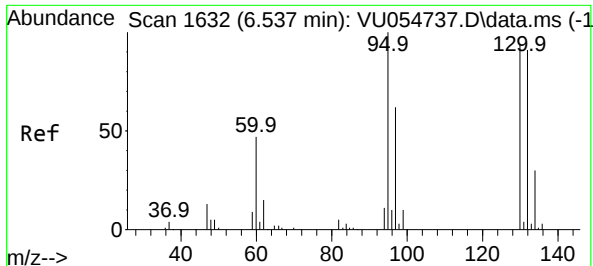
Lab File: VU054746.D

Acq: 03 Jul 2023 14:00

Tgt Ion: 76 Resp: 15168

Ion	Ratio	Lower	Upper
76	100		
78	10.6	7.4	11.0

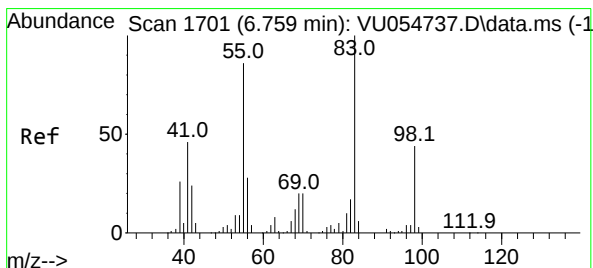
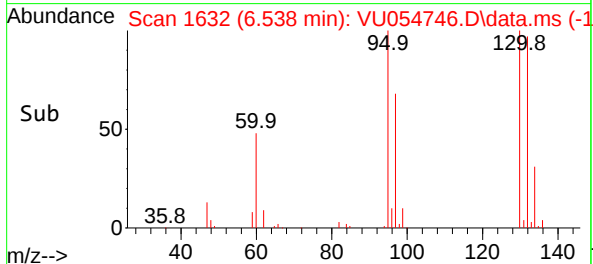
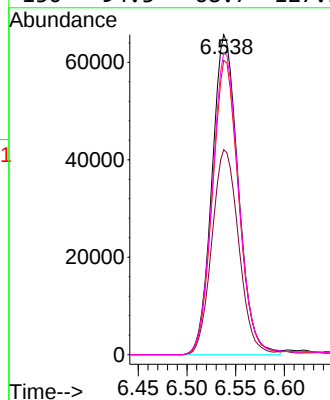
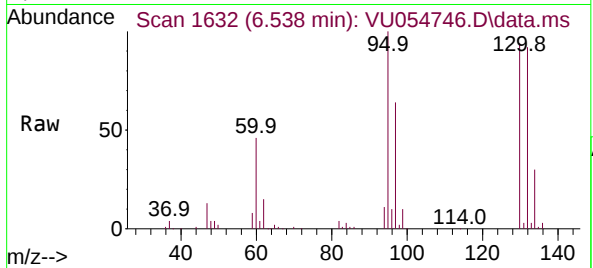




#34
Trichloroethene
Concen: 5.128 ug/L
RT: 6.538 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VU054746.D
Acq: 03 Jul 2023 14:00

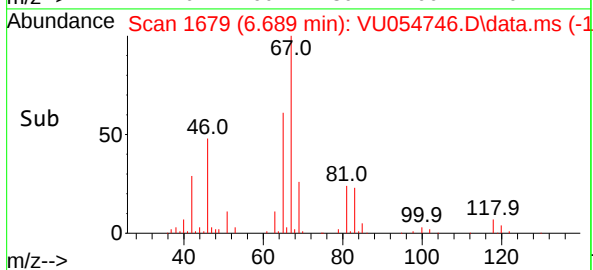
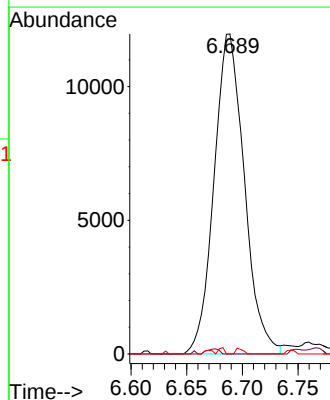
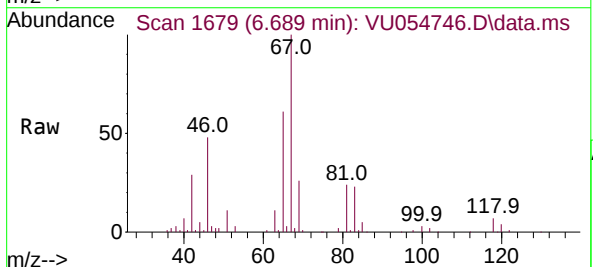
Instrument :
MSVOA_U
ClientSampleId :
H0FB4

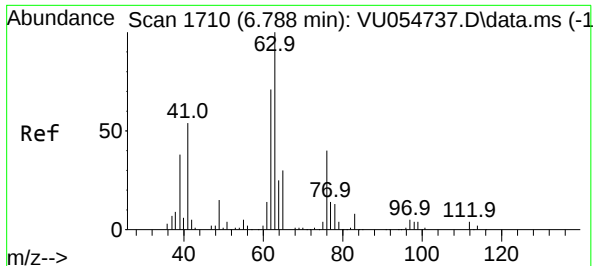
Tgt Ion: 95 Resp: 123024
Ion Ratio Lower Upper
95 100
97 64.0 46.8 87.0
132 91.9 68.4 127.0
130 94.3 68.7 127.5



#35
Methylcyclohexane
Concen: 0.625 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.070 min
Lab File: VU054746.D
Acq: 03 Jul 2023 14:00

Tgt Ion: 83 Resp: 22666
Ion Ratio Lower Upper
83 100
55 0.6 67.1 100.7#
98 0.0 35.1 52.7#

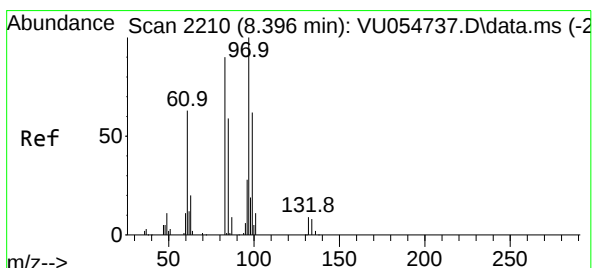
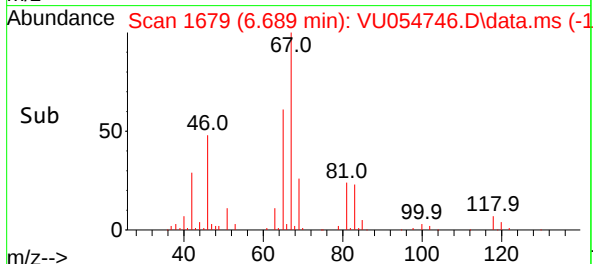
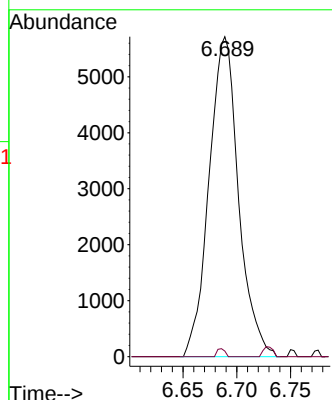
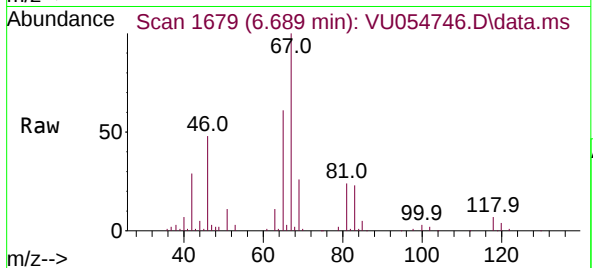




#37
1,2-Dichloropropane
Concen: 0.444 ug/L
RT: 6.689 min Scan# 11
Delta R.T. -0.099 min
Lab File: VU054746.D
Acq: 03 Jul 2023 14:00

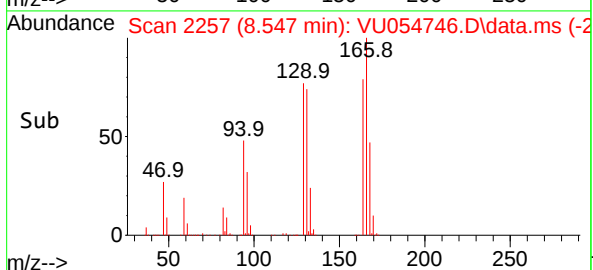
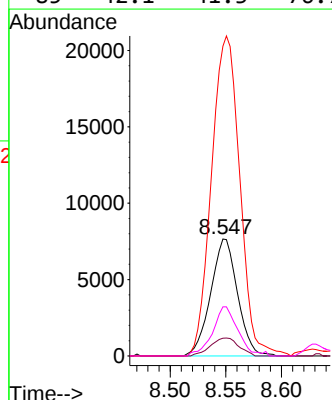
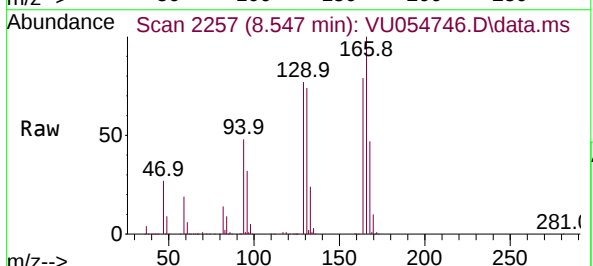
Instrument :
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ClientSampleId :
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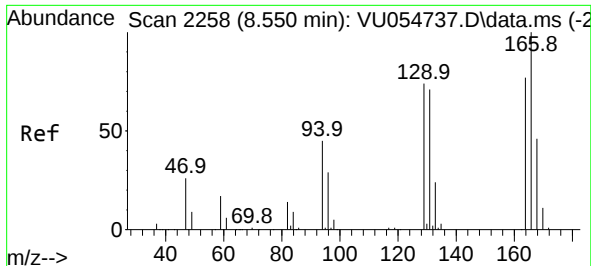
Tgt Ion: 63 Resp: 10899
Ion Ratio Lower Upper
63 100
112 0.7 3.0 4.6#



#45
1,1,2-Trichloroethane
Concen: 0.824 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.151 min
Lab File: VU054746.D
Acq: 03 Jul 2023 14:00

Tgt Ion: 97 Resp: 12857
Ion Ratio Lower Upper
97 100
99 15.2 43.0 80.0#
83 264.9 63.8 118.6#
85 42.1 41.3 76.7

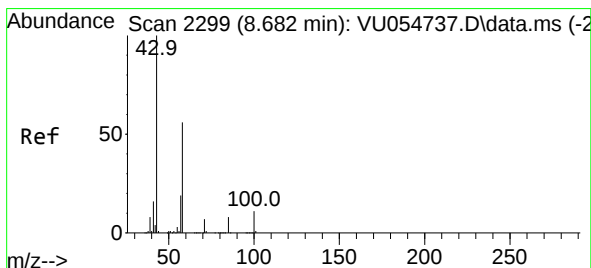
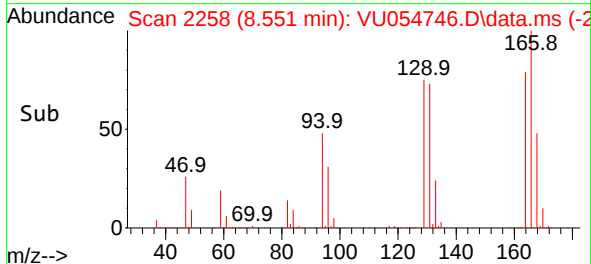
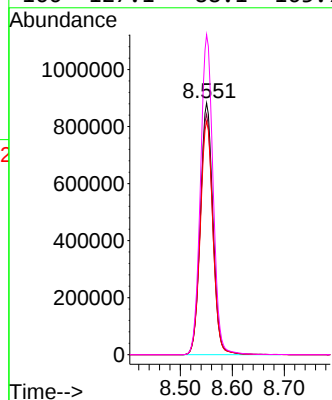
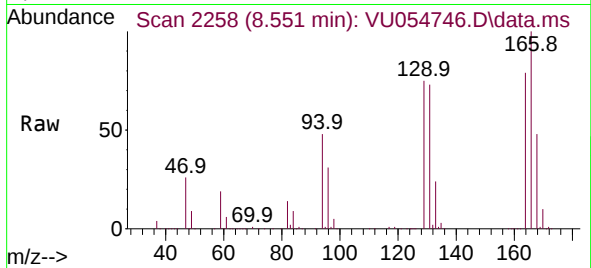




#47
Tetrachloroethene
Concen: 80.921 ug/L
RT: 8.551 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054746.D
Acq: 03 Jul 2023 14:00

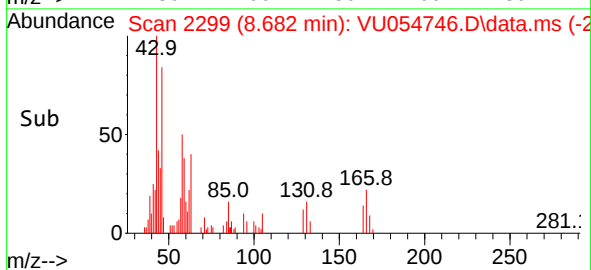
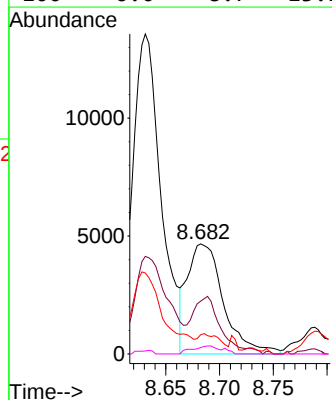
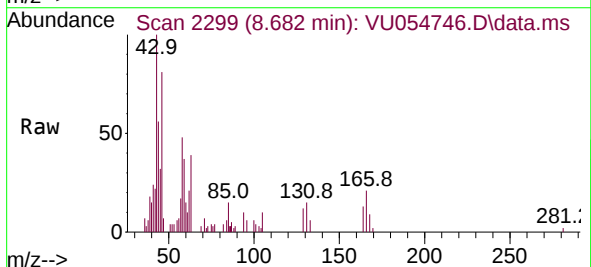
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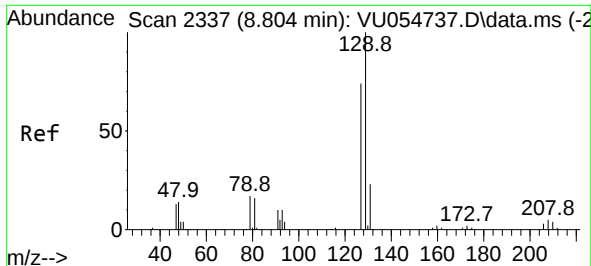
Tgt Ion:164 Resp: 1486108
Ion Ratio Lower Upper
164 100
129 95.6 67.7 125.7
131 92.8 64.6 120.0
166 127.1 88.1 163.7



#48
2-Hexanone
Concen: 1.122 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU054746.D
Acq: 03 Jul 2023 14:00

Tgt Ion: 43 Resp: 10942
Ion Ratio Lower Upper
43 100
58 42.0 45.2 67.8#
57 9.4 15.8 23.6#
100 6.0 8.7 13.1#





#49

Dibromochloromethane

Concen: 86.481 ug/L

RT: 8.551 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU054746.D

Acq: 03 Jul 2023 14:00

Instrument :

MSVOA_U

ClientSampleId :

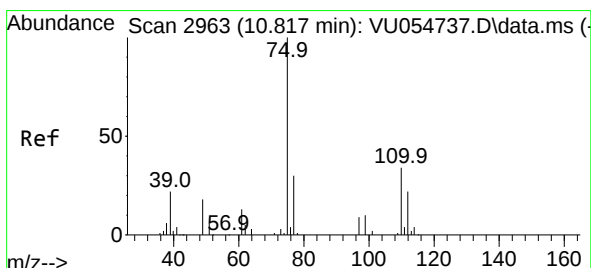
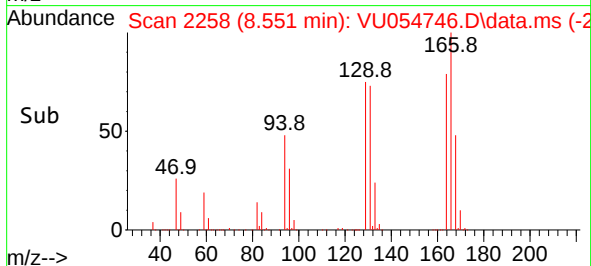
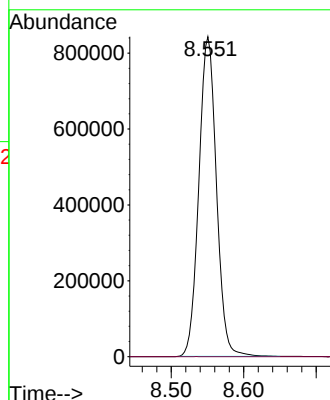
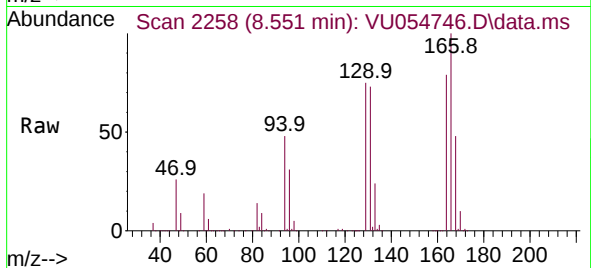
H0FB4

Tgt Ion:129 Resp: 1417132

Ion Ratio Lower Upper

129 100

127 0.0 53.2 98.8#



#61

1,2,3-Trichloropropane

Concen: 1.136 ug/L

RT: 11.808 min Scan# 3271

Delta R.T. 0.991 min

Lab File: VU054746.D

Acq: 03 Jul 2023 14:00

Tgt Ion: 75 Resp: 13354

Ion Ratio Lower Upper

75 100

110 2.4 28.0 42.0#

77 36.3 25.4 38.2

