

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070323\
 Data File : VU054747.D
 Acq On : 03 Jul 2023 14:25
 Operator : MD/SY
 Sample : 03495-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FB6

Quant Time: Jul 05 04:42:31 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)

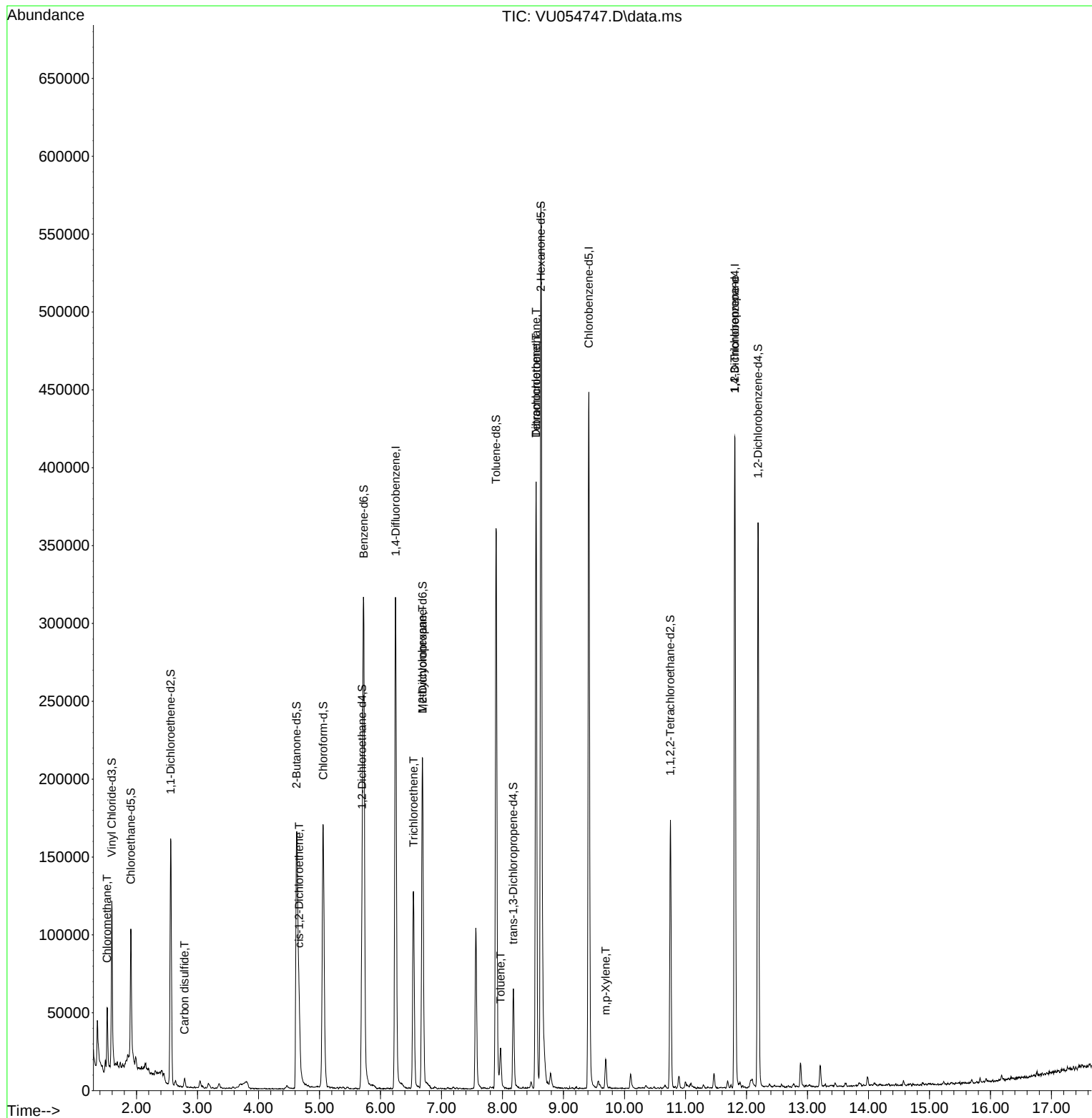
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	250985	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	247020	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	111851	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	72728	4.553	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.907	69	67707	4.527	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.560	65	31207	4.374	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	4.624	46	269639	60.041	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.080%
24) Chloroform-d	5.058	84	155263	4.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.698	65	81763	5.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.724	84	291527	4.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.688	67	105851	4.616	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.894	98	244355	4.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.177	79	37777	4.737	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.630	63	186849	55.849	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.700%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	86641	5.067	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	94946	5.033	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
3) Chloromethane	1.518	50	29275	1.087	ug/L	95
14) Carbon disulfide	2.788	76	7019	0.130	ug/L #	90
22) cis-1,2-Dichloroethene	4.666	96	15694	0.733	ug/L	96
34) Trichloroethene	6.541	95	44932	1.914	ug/L	96
35) Methylcyclohexane	6.685	83	23383	0.659	ug/L #	17
42) Toluene	7.968	91	16805	0.184	ug/L	95
47) Tetrachloroethene	8.550	164	87267	4.856	ug/L	99
49) Dibromochloromethane	8.550	129	85401	5.326	ug/L #	11
53) m,p-Xylene	9.692	106	5618	0.153	ug/L	82
61) 1,2,3-Trichloropropane	11.807	75	14582	1.290	ug/L #	70

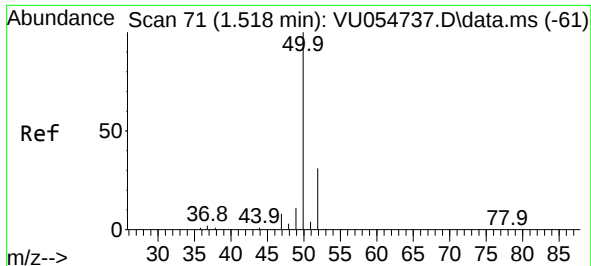
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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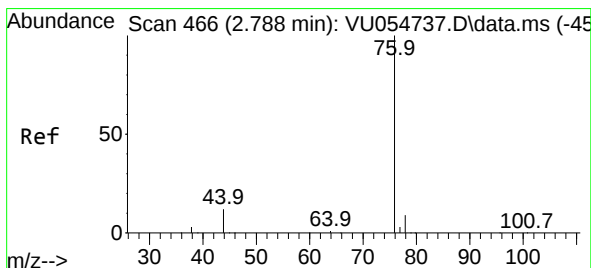
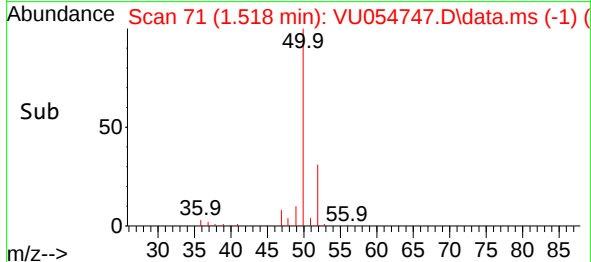
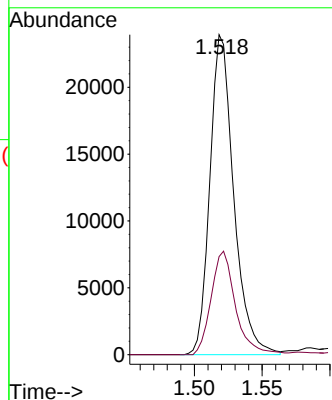
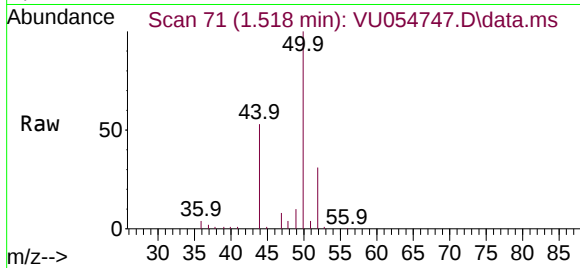




#3
Chloromethane
Concen: 1.087 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU054747.D
Acq: 03 Jul 2023 14:25

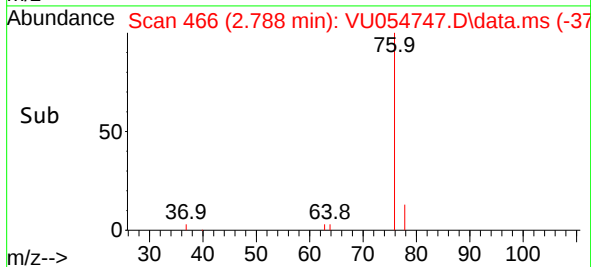
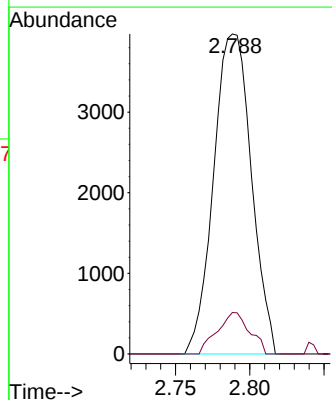
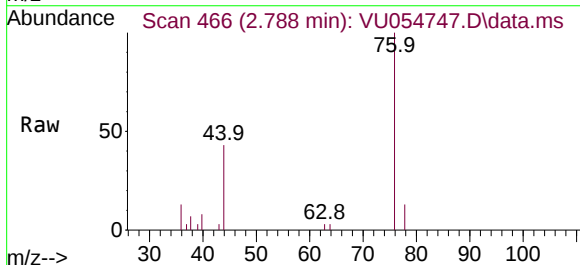
Instrument :
MSVOA_U
ClientSampleId :
H0FB6

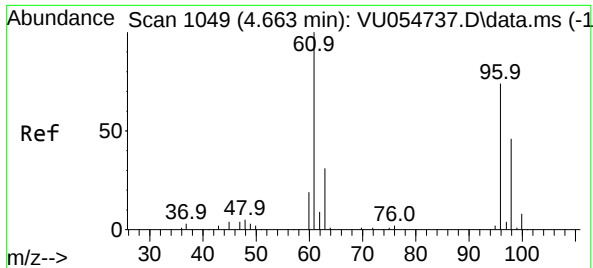
Tgt Ion: 50 Resp: 29275
Ion Ratio Lower Upper
50 100
52 30.7 23.4 43.4



#14
Carbon disulfide
Concen: 0.130 ug/L
RT: 2.788 min Scan# 466
Delta R.T. -0.000 min
Lab File: VU054747.D
Acq: 03 Jul 2023 14:25

Tgt Ion: 76 Resp: 7019
Ion Ratio Lower Upper
76 100
78 13.0 7.4 11.0#

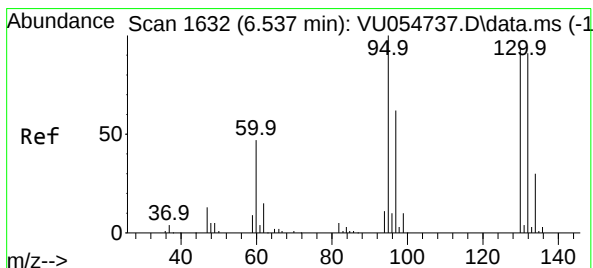
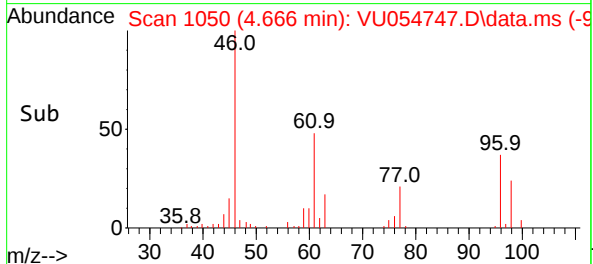
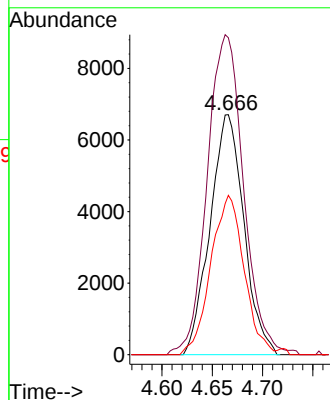
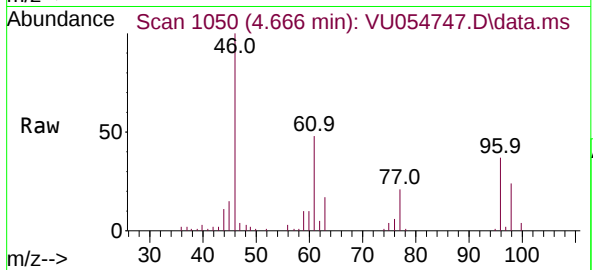




#22
 cis-1,2-Dichloroethene
 Concen: 0.733 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.003 min
 Lab File: VU054747.D
 Acq: 03 Jul 2023 14:25

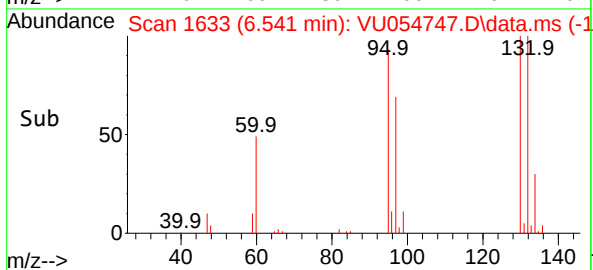
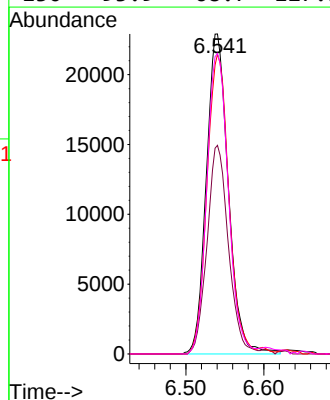
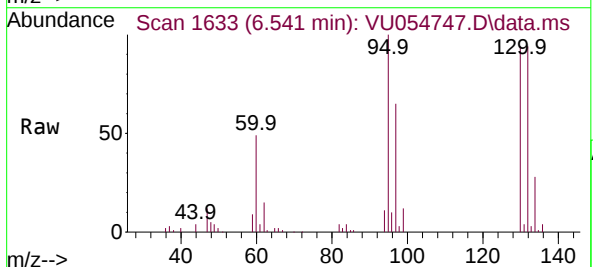
Instrument :
 MSVOA_U
 ClientSampleId :
 H0FB6

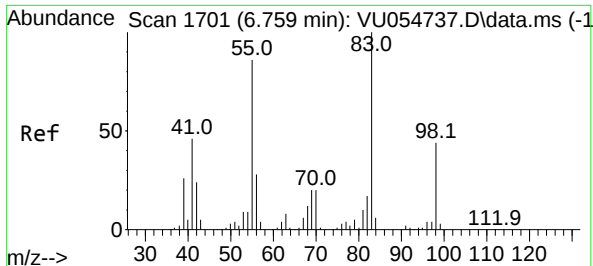
Tgt Ion: 96 Resp: 15694
 Ion Ratio Lower Upper
 96 100
 61 132.1 96.5 179.1
 98 66.4 44.9 83.3



#34
 Trichloroethene
 Concen: 1.914 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.003 min
 Lab File: VU054747.D
 Acq: 03 Jul 2023 14:25

Tgt Ion: 95 Resp: 44932
 Ion Ratio Lower Upper
 95 100
 97 65.2 46.8 87.0
 132 93.6 68.4 127.0
 130 93.9 68.7 127.5





#35

Methylcyclohexane

Concen: 0.659 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU054747.D

Acq: 03 Jul 2023 14:25

Instrument :

MSVOA_U

ClientSampleId :

H0FB6

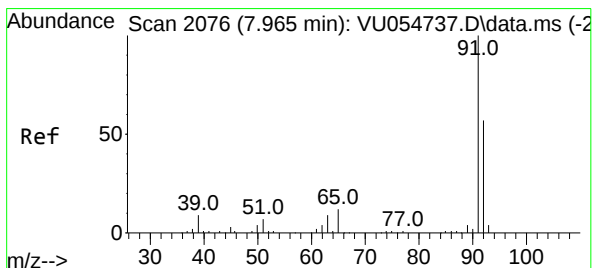
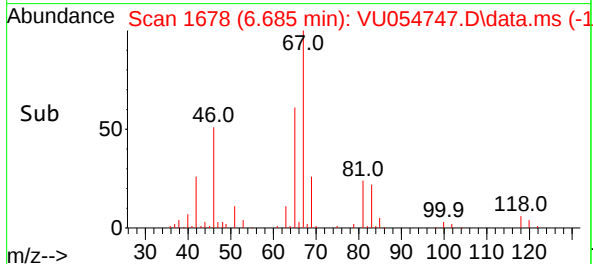
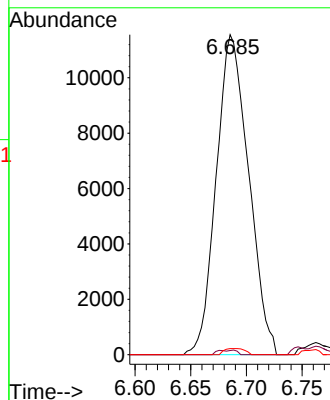
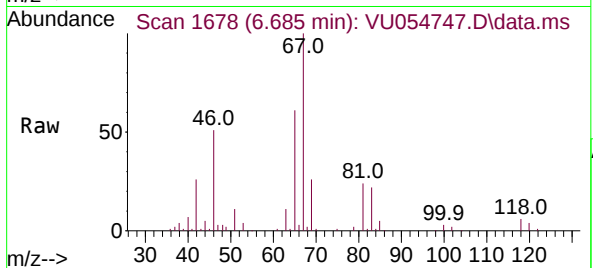
Tgt Ion: 83 Resp: 23383

Ion Ratio Lower Upper

83 100

55 0.4 67.1 100.7#

98 1.2 35.1 52.7#



#42

Toluene

Concen: 0.184 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.003 min

Lab File: VU054747.D

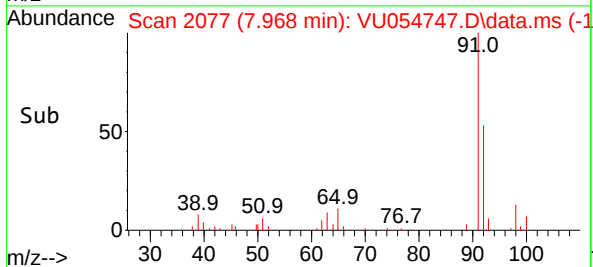
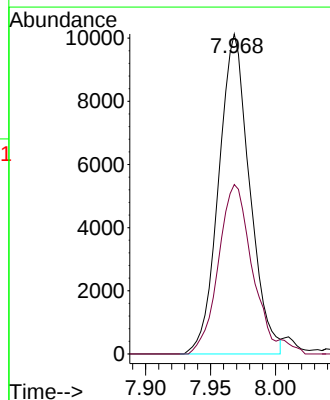
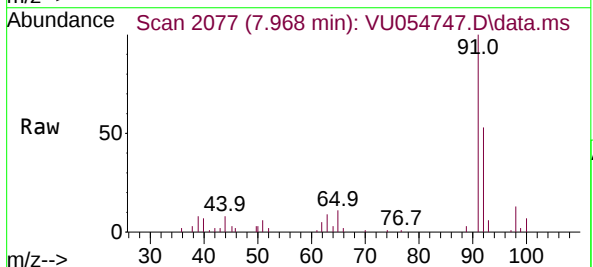
Acq: 03 Jul 2023 14:25

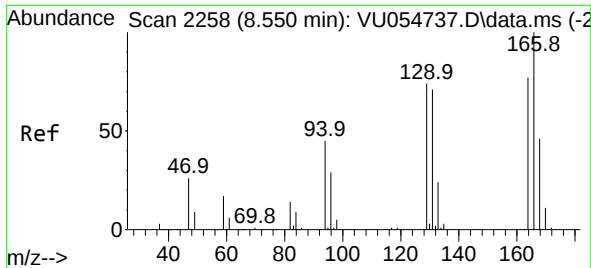
Tgt Ion: 91 Resp: 16805

Ion Ratio Lower Upper

91 100

92 53.0 39.5 73.4

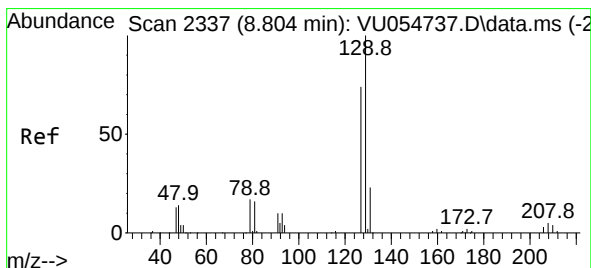
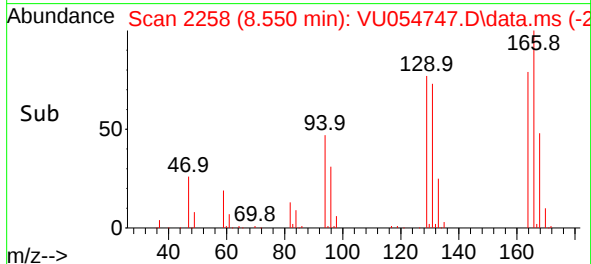
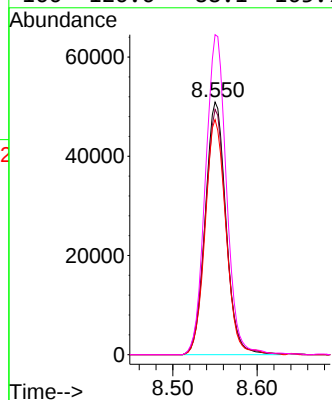
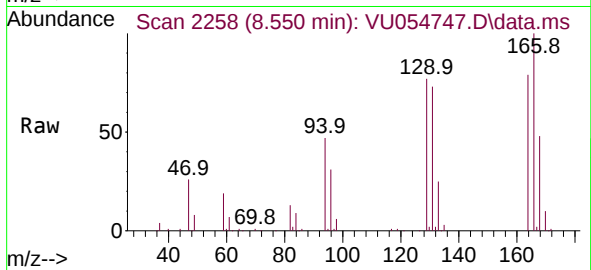




#47
Tetrachloroethene
Concen: 4.856 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU054747.D
Acq: 03 Jul 2023 14:25

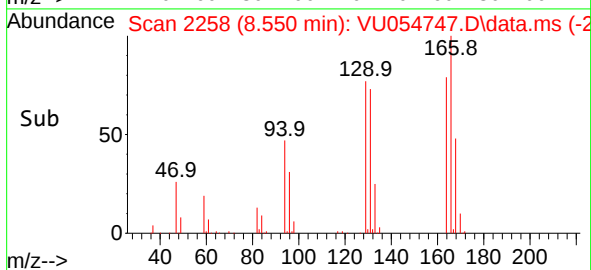
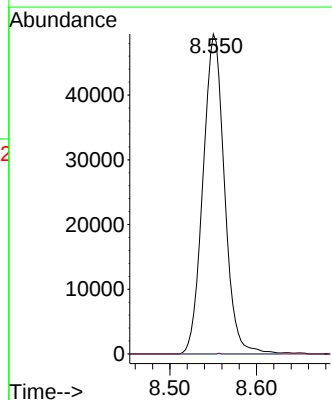
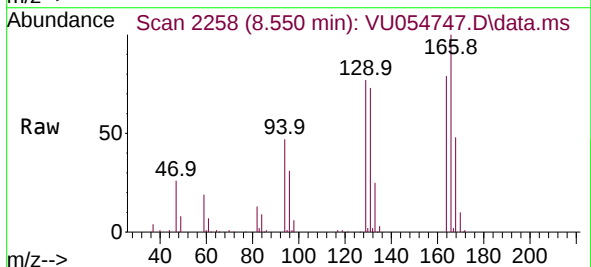
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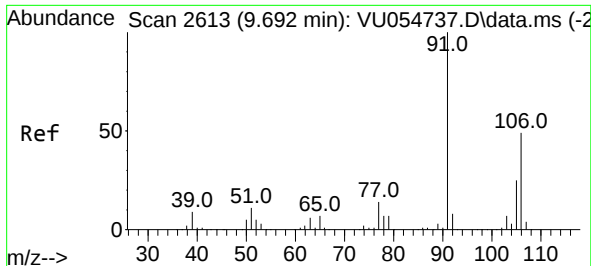
Tgt Ion:164 Resp: 87267
Ion Ratio Lower Upper
164 100
129 97.0 67.7 125.7
131 93.0 64.6 120.0
166 126.6 88.1 163.7



#49
Dibromochloromethane
Concen: 5.326 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU054747.D
Acq: 03 Jul 2023 14:25

Tgt Ion:129 Resp: 85401
Ion Ratio Lower Upper
129 100
127 0.0 53.2 98.8#

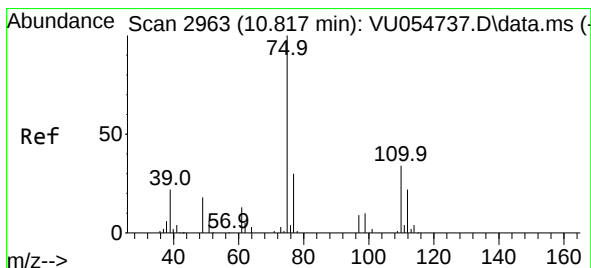
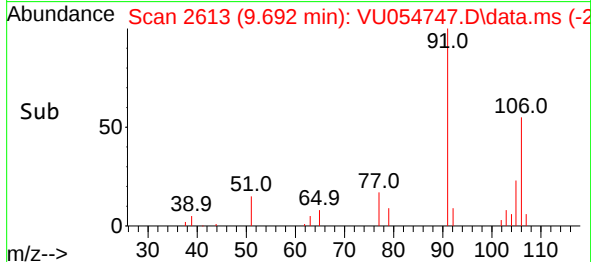
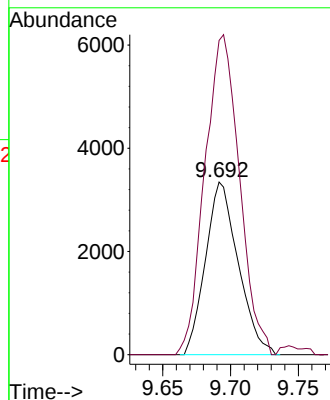
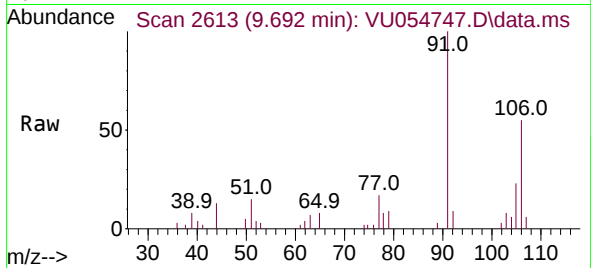




#53
m,p-Xylene
Concen: 0.153 ug/L
RT: 9.692 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU054747.D
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Instrument :
MSVOA_U
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Tgt Ion:106 Resp: 5618
Ion Ratio Lower Upper
106 100
91 182.1 147.0 273.0



#61
1,2,3-Trichloropropane
Concen: 1.290 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU054747.D
Acq: 03 Jul 2023 14:25

Tgt Ion: 75 Resp: 14582
Ion Ratio Lower Upper
75 100
110 2.5 28.0 42.0#
77 31.5 25.4 38.2

