

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048199.D
 Acq On : 22 Apr 2022 02:51
 Operator : SY/MD
 Sample : N2488-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0HY9

Quant Time: Apr 22 06:37:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 02:51:38 2022
 Response via : Initial Calibration

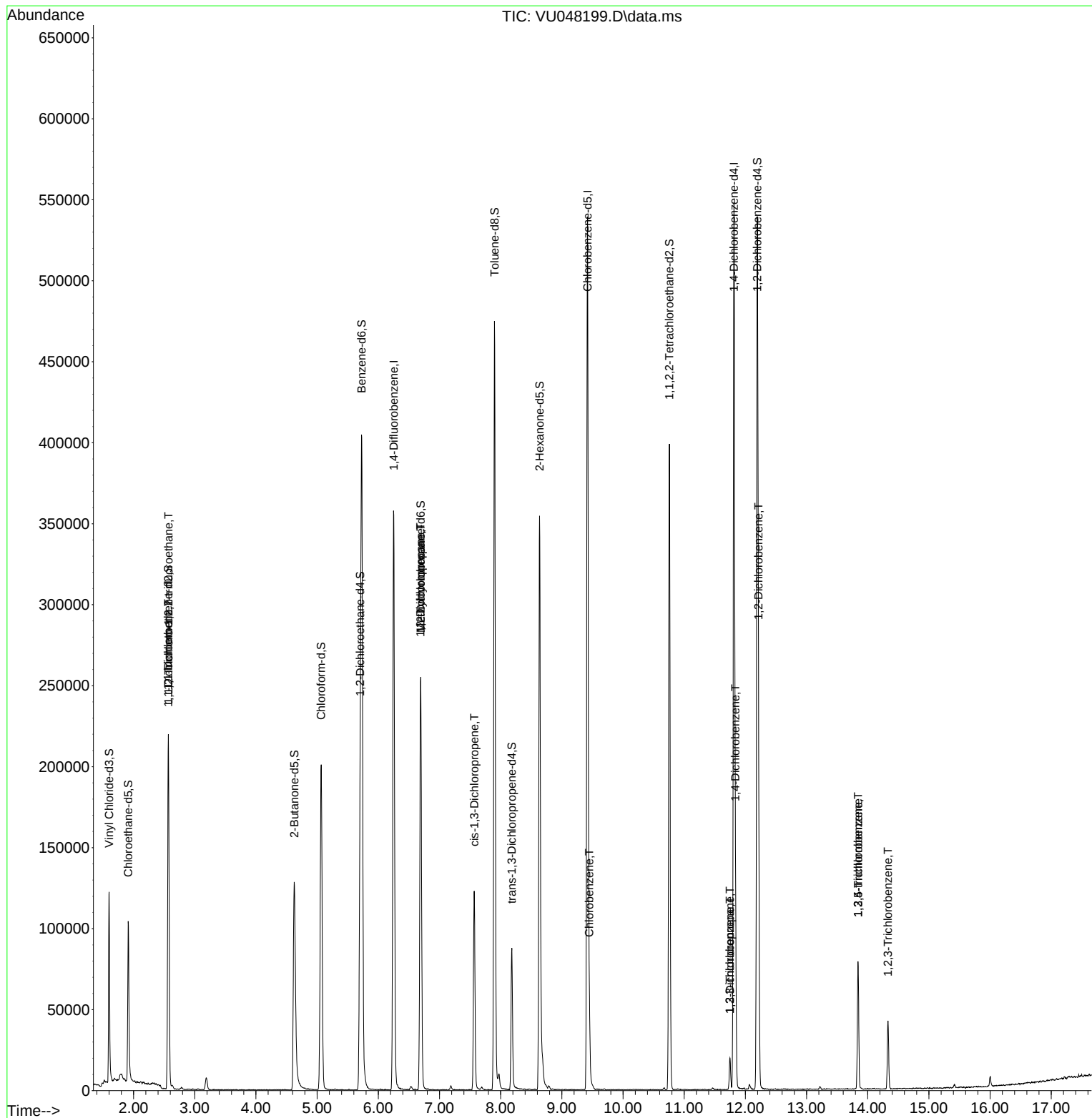
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	312296	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	328274	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	156431	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	90325	39.885	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.760%
7) Chloroethane-d5	1.913	69	80212	44.919	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.840%
11) 1,1-Dichloroethene-d2	2.568	63	125698	30.337	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.680%
21) 2-Butanone-d5	4.626	46	177510	91.321	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.320%
24) Chloroform-d	5.067	84	192064	46.350	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.700%
26) 1,2-Dichloroethane-d4	5.703	65	119912	47.183	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.360%
32) Benzene-d6	5.729	84	385620	46.684	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.360%
36) 1,2-Dichloropropane-d6	6.694	67	129610	51.092	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.180%
41) Toluene-d8	7.899	98	327868	40.739	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.480%
43) trans-1,3-Dichloroprop...	8.182	79	50711	39.458	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.920%
47) 2-Hexanone-d5	8.636	63	115969	78.091	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.090%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	199900	45.916	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.840%
66) 1,2-Dichlorobenzene-d4	12.195	152	144315	51.855	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.700%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1340	0.582	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	1010	0.471	ug/L #	1
35) Methylcyclohexane	6.694	83	28829	7.607	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	13201	5.465	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	2805	0.748	ug/L #	65
51) Chlorobenzene	9.449	112	23387	3.304	ug/L	98
60) 1,2,3-Trichloropropane	11.748	75	2522	0.855	ug/L #	40
64) 1,3-Dichlorobenzene	11.748	146	9337	1.987	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	45964	9.443	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	74395	15.822	ug/L	99
69) 1,3,5-Trichlorobenzene	13.841	180	26776	7.016	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	26776	8.010	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	14670	4.378	ug/L	98

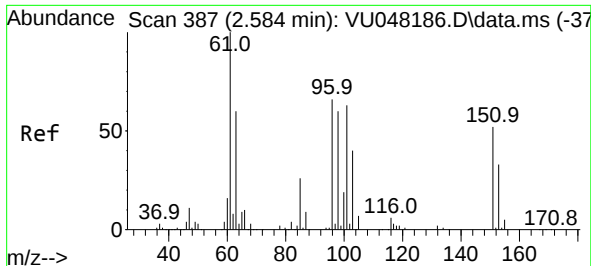
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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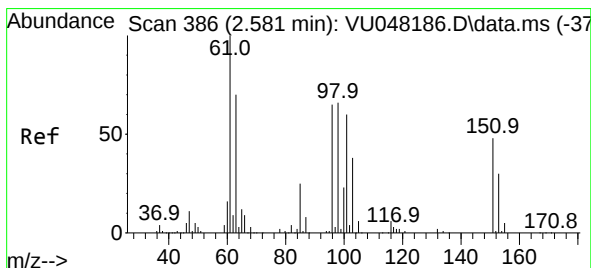
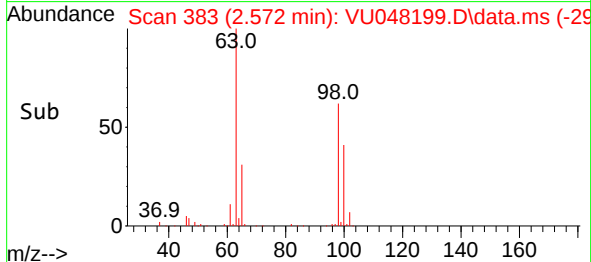
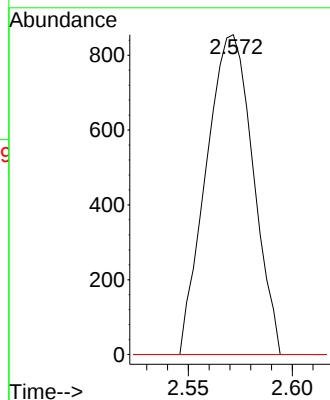
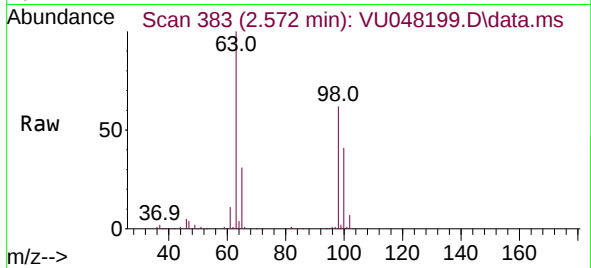




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.582 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU048199.D
 Acq: 22 Apr 2022 02:51

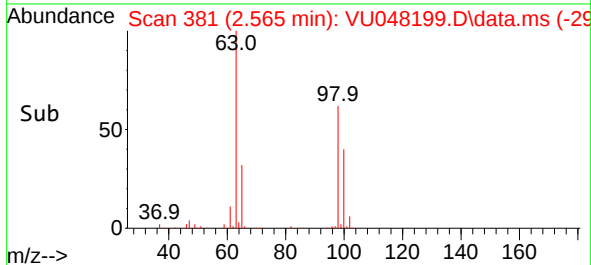
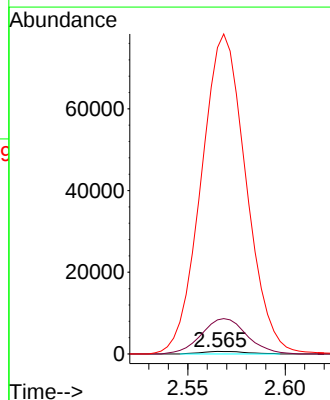
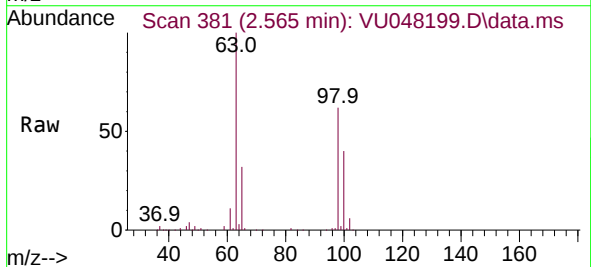
Instrument :
 MSVOA_V
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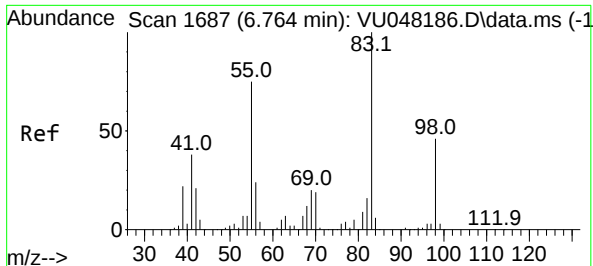
Tgt Ion:101 Resp: 1340
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.471 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.016 min
 Lab File: VU048199.D
 Acq: 22 Apr 2022 02:51

Tgt Ion: 96 Resp: 1010
 Ion Ratio Lower Upper
 96 100
 61 1370.3 113.1 210.1#
 63 12292.5 94.8 176.0#





#35

Methylcyclohexane

Concen: 7.607 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU048199.D

Acq: 22 Apr 2022 02:51

Instrument :

MSVOA_V

ClientSampleId :

C0HY9

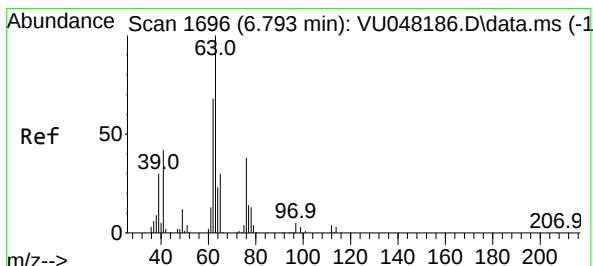
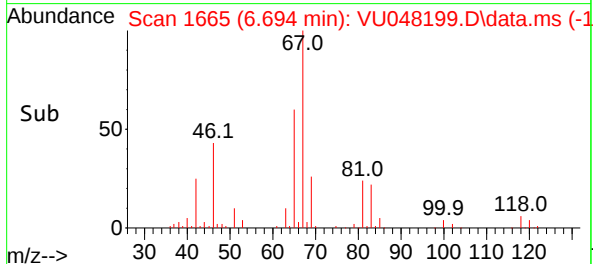
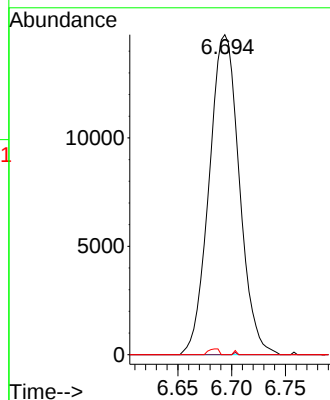
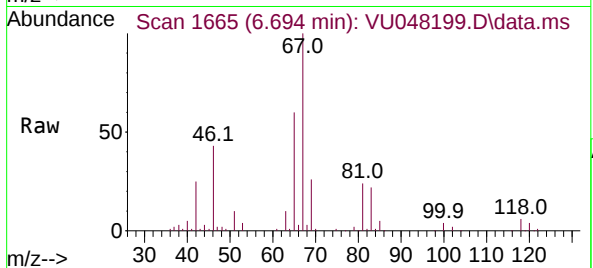
Tgt Ion: 83 Resp: 28829

Ion Ratio Lower Upper

83 100

55 0.0 56.8 85.2#

98 0.6 38.1 57.1#



#37

1,2-Dichloropropane

Concen: 5.465 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU048199.D

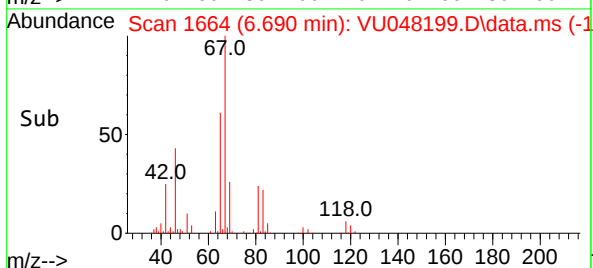
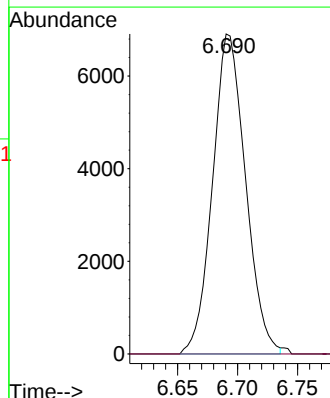
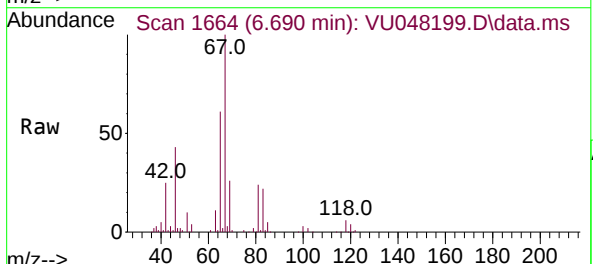
Acq: 22 Apr 2022 02:51

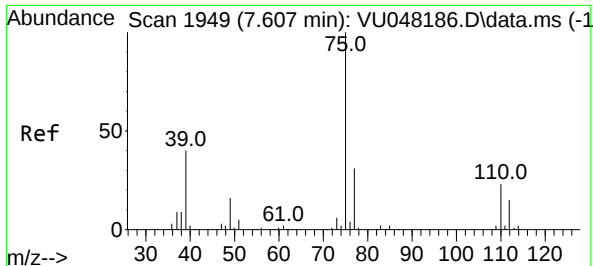
Tgt Ion: 63 Resp: 13201

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.748 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.038 min

Lab File: VU048199.D

Acq: 22 Apr 2022 02:51

Instrument :

MSVOA_V

ClientSampleId :

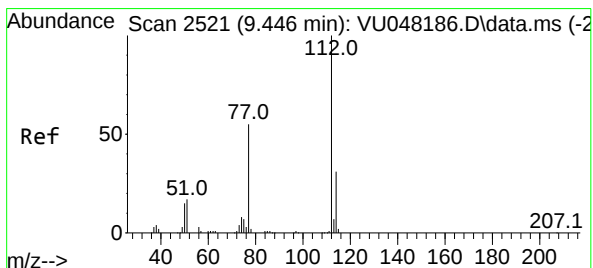
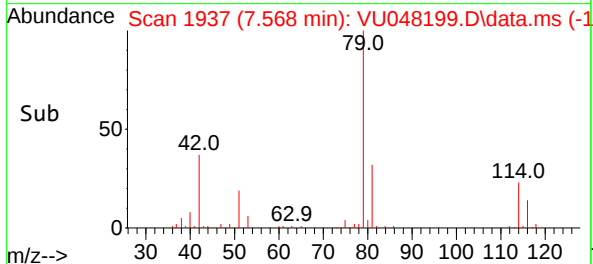
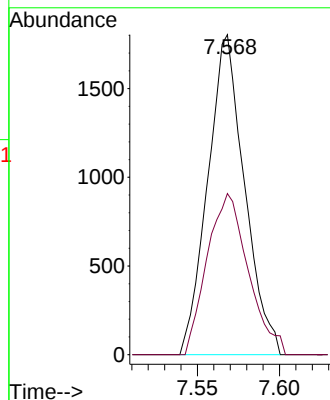
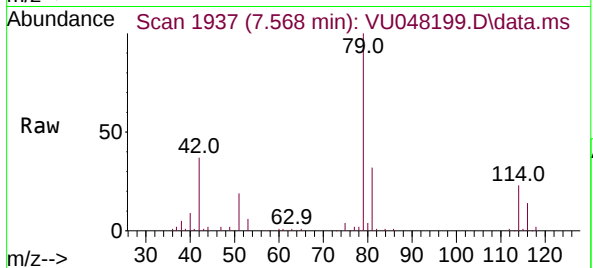
C0HY9

Tgt Ion: 75 Resp: 2805

Ion Ratio Lower Upper

75 100

77 50.3 21.8 40.6#



#51

Chlorobenzene

Concen: 3.304 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU048199.D

Acq: 22 Apr 2022 02:51

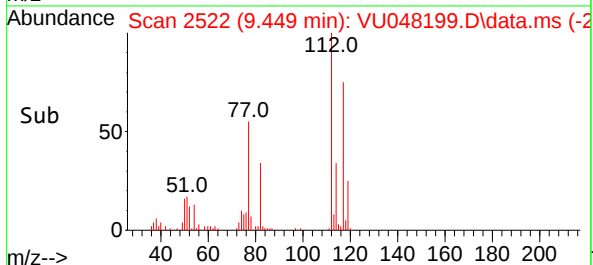
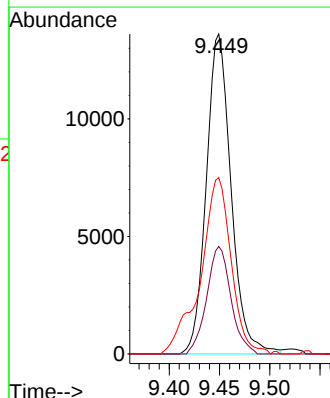
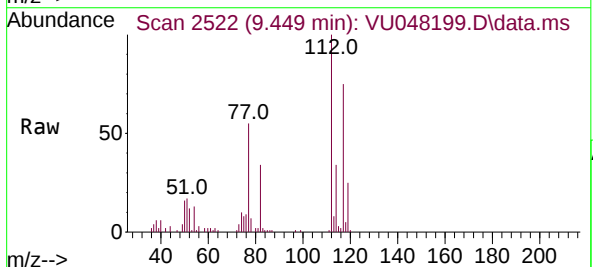
Tgt Ion: 112 Resp: 23387

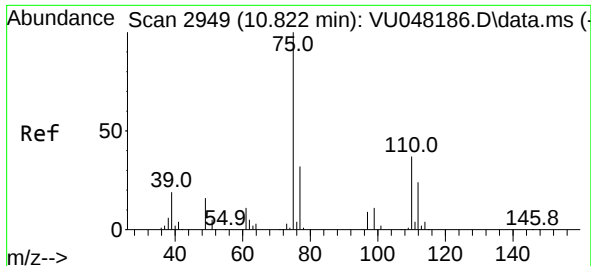
Ion Ratio Lower Upper

112 100

114 33.6 22.1 41.1

77 55.1 43.4 65.0

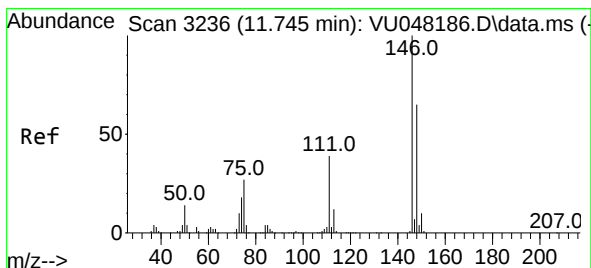
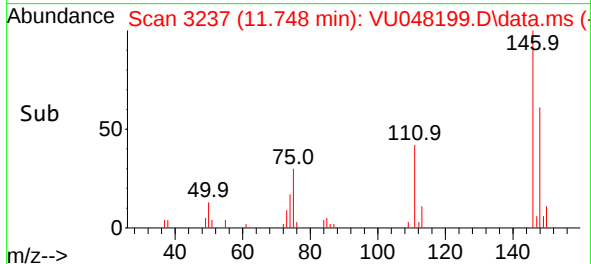
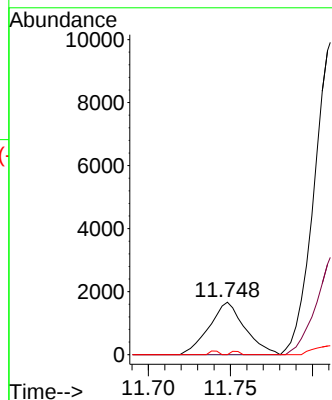
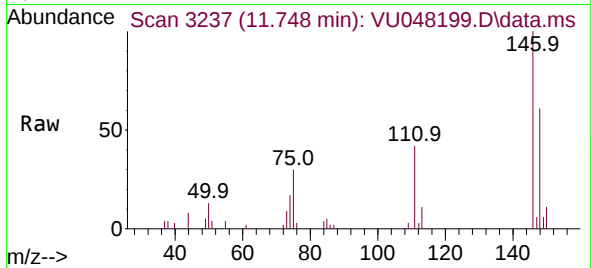




#60
1,2,3-Trichloropropane
Concen: 0.855 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.926 min
Lab File: VU048199.D
Acq: 22 Apr 2022 02:51

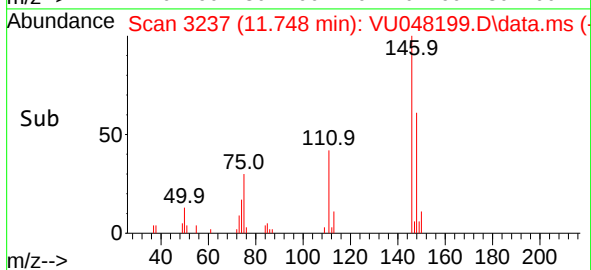
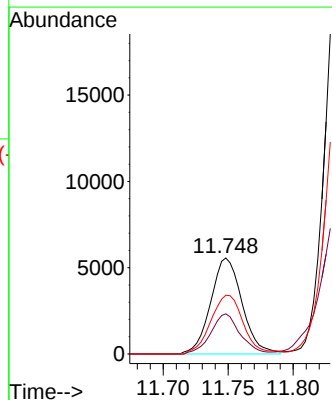
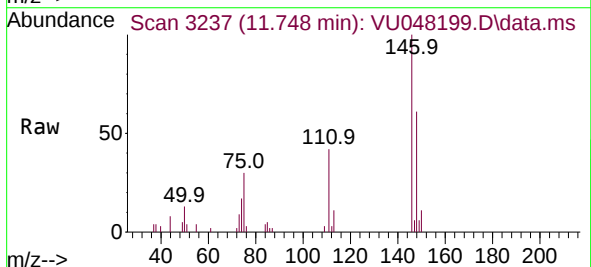
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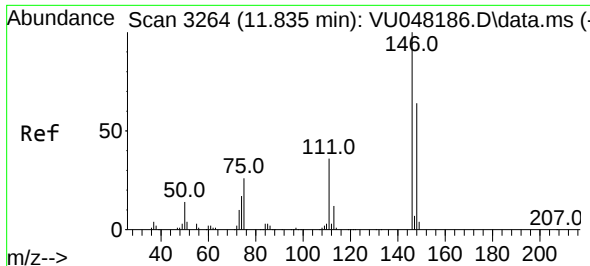
Tgt Ion: 75 Resp: 2522
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#
110 1.6 31.4 47.2#



#64
1,3-Dichlorobenzene
Concen: 1.987 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU048199.D
Acq: 22 Apr 2022 02:51

Tgt Ion:146 Resp: 9337
Ion Ratio Lower Upper
146 100
111 41.8 26.7 49.7
148 61.1 44.4 82.5

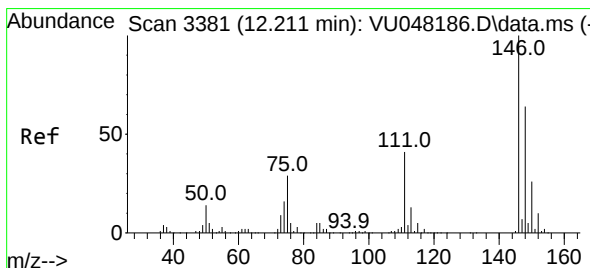
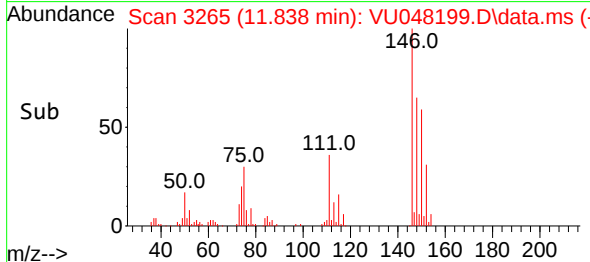
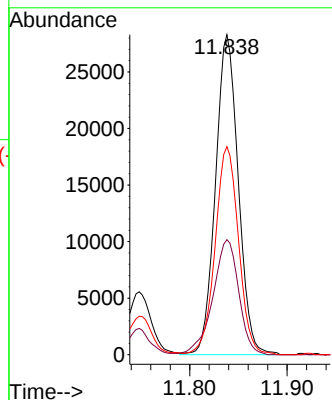
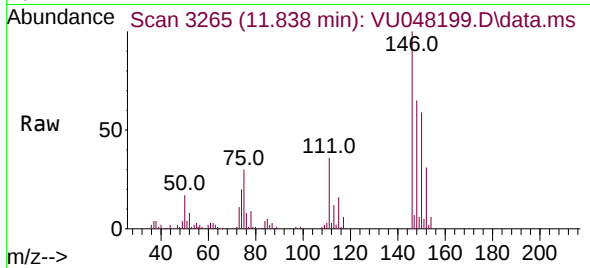




#65
1,4-Dichlorobenzene
Concen: 9.443 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048199.D
Acq: 22 Apr 2022 02:51

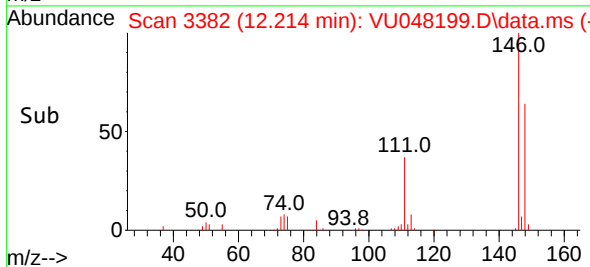
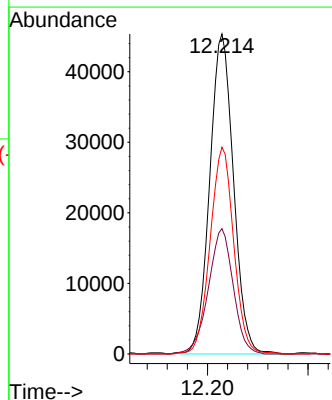
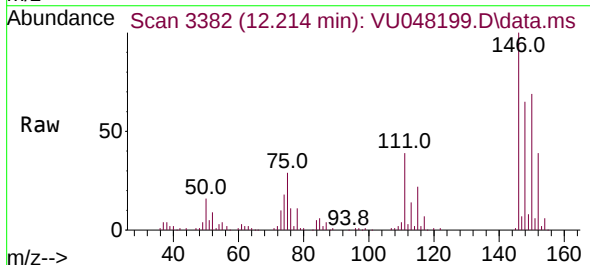
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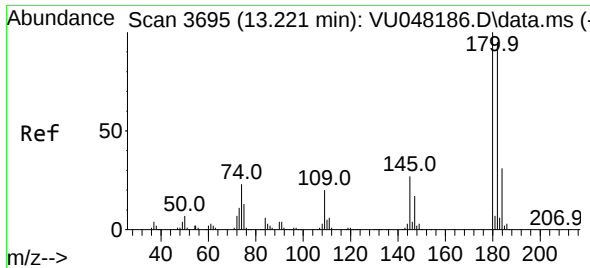
Tgt Ion:146 Resp: 45964
Ion Ratio Lower Upper
146 100
111 36.0 25.3 47.1
148 65.0 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 15.822 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU048199.D
Acq: 22 Apr 2022 02:51

Tgt Ion:146 Resp: 74395
Ion Ratio Lower Upper
146 100
111 39.1 31.7 47.5
148 64.6 51.4 77.2

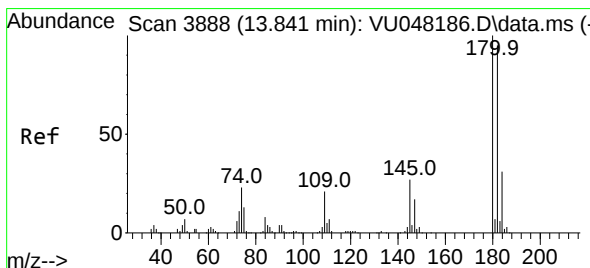
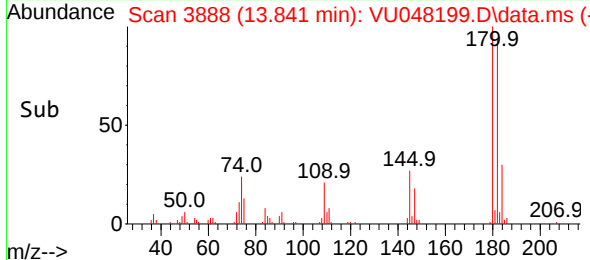
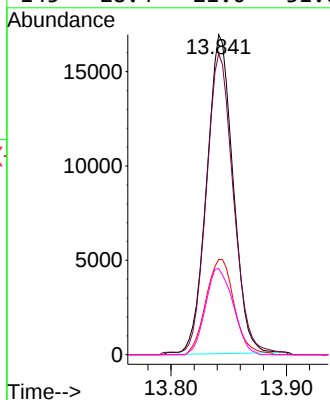
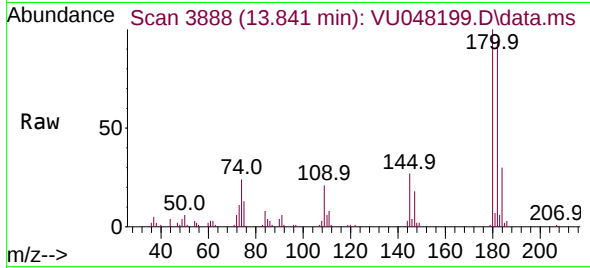




#69
 1,3,5-Trichlorobenzene
 Concen: 7.016 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.621 min
 Lab File: VU048199.D
 Acq: 22 Apr 2022 02:51

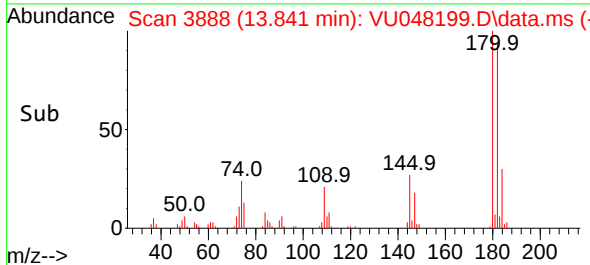
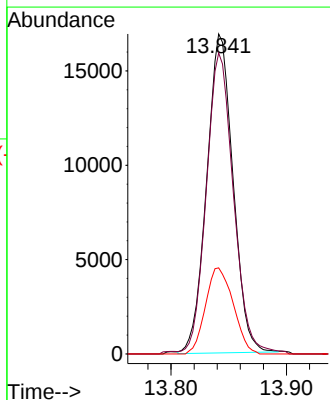
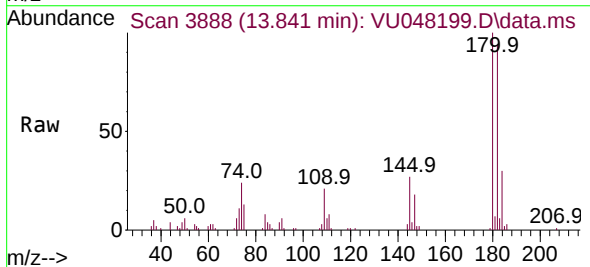
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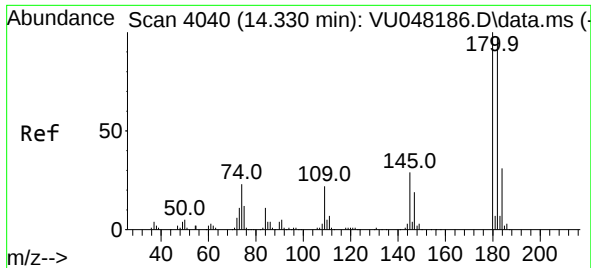
Tgt Ion:180	Resp:	26776
Ion Ratio	Lower	Upper
180	100	
182	97.2	77.0 115.6
184	32.1	24.5 36.7
145	28.4	21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 8.010 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048199.D
 Acq: 22 Apr 2022 02:51

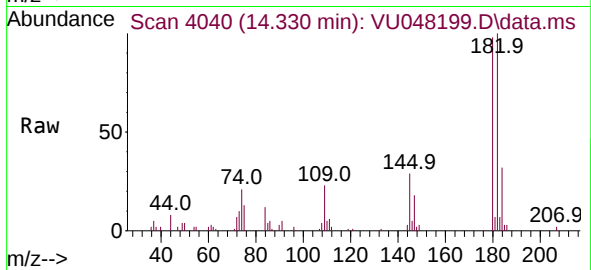
Tgt Ion:180	Resp:	26776
Ion Ratio	Lower	Upper
180	100	
182	97.2	76.2 114.2
145	28.4	21.8 32.8





#72
 1,2,3-Trichlorobenzene
 Concen: 4.378 ug/L
 RT: 14.330 min Scan# 4040
 Delta R.T. 0.000 min
 Lab File: VU048199.D
 Acq: 22 Apr 2022 02:51

Instrument :
 MSVOA_V
 ClientSampleId :
 C0HY9



Tgt Ion:	180	Resp:	14670
Ion	Ratio	Lower	Upper
180	100		
182	98.7	77.4	116.0
145	28.5	22.8	34.2

