

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048176.D
 Acq On : 21 Apr 2022 16:29
 Operator : SY/MD
 Sample : N2486-18 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J60

Quant Time: Apr 22 01:51:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 01:48:00 2022
 Response via : Initial Calibration

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

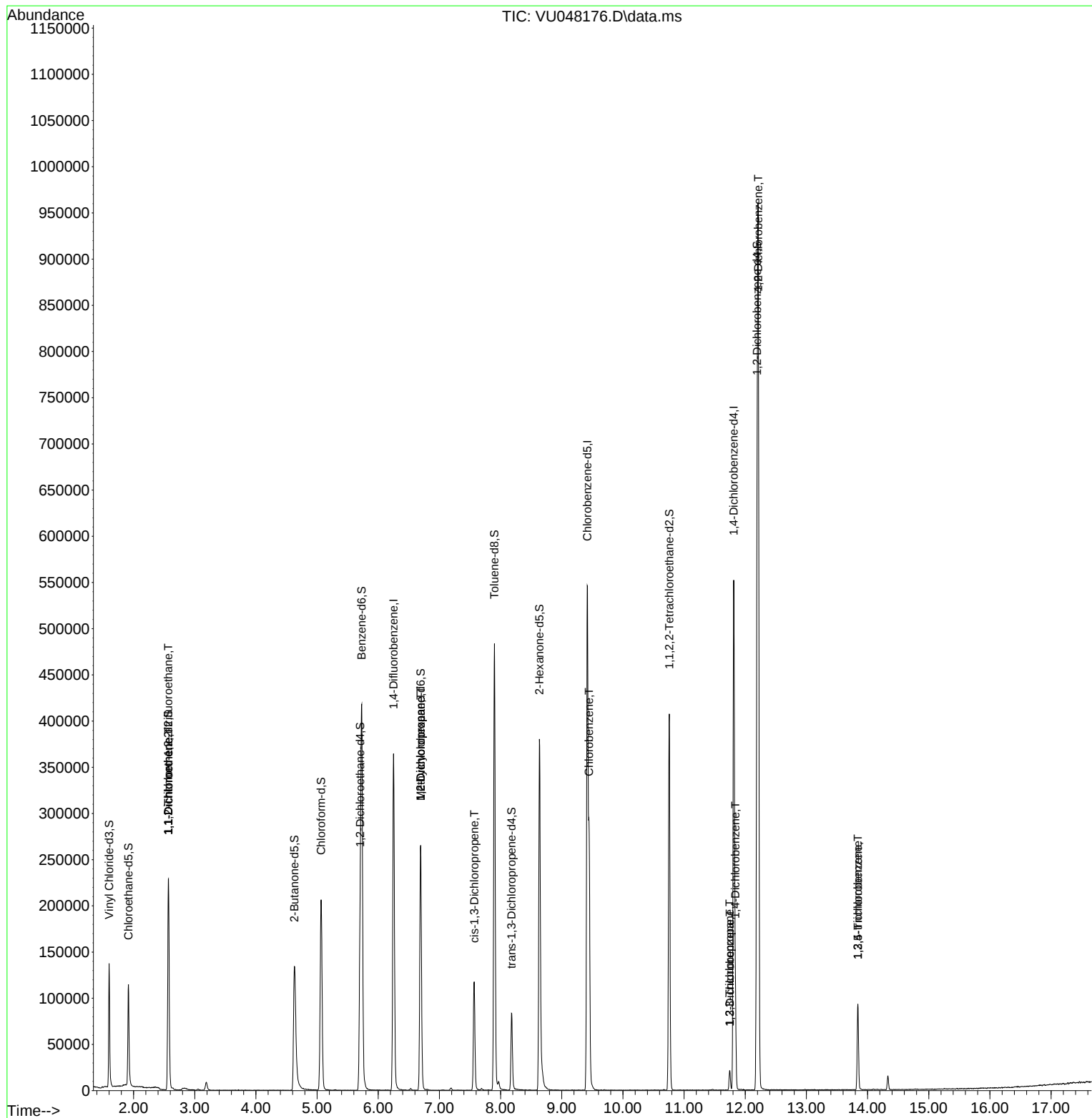
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	312539	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	329856	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	156960	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	100954	44.543	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.080%
7) Chloroethane-d5	1.916	69	85385	47.779	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.560%
11) 1,1-Dichloroethene-d2	2.568	63	133622	32.224	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.440%
21) 2-Butanone-d5	4.629	46	194357	99.910	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.910%
24) Chloroform-d	5.067	84	197852	47.710	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.420%
26) 1,2-Dichloroethane-d4	5.703	65	122397	48.123	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.240%
32) Benzene-d6	5.729	84	399519	48.134	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.260%
36) 1,2-Dichloropropane-d6	6.694	67	133168	52.243	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.480%
41) Toluene-d8	7.899	98	333549	41.246	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.500%
43) trans-1,3-Dichloroprop...	8.179	79	49644	38.442	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.880%
47) 2-Hexanone-d5	8.636	63	130913	87.731	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.730%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	204208	46.681	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.360%
66) 1,2-Dichlorobenzene-d4	12.195	152	144764	51.841	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.680%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1395	0.606	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	1082	0.505	ug/L #	1
35) Methylcyclohexane	6.694	83	29562	7.763	ug/L #	21
37) 1,2-Dichloropropane	6.694	63	12919	5.323	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	2747	0.729	ug/L #	42
51) Chlorobenzene	9.446	112	151478	21.295	ug/L	99
60) 1,2,3-Trichloropropane	11.745	75	2526	0.854	ug/L #	43
64) 1,3-Dichlorobenzene	11.748	146	10076	2.137	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	45616	9.340	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	360841	76.485	ug/L	99
69) 1,3,5-Trichlorobenzene	13.841	180	32646	8.525	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	32646	9.733	ug/L	99

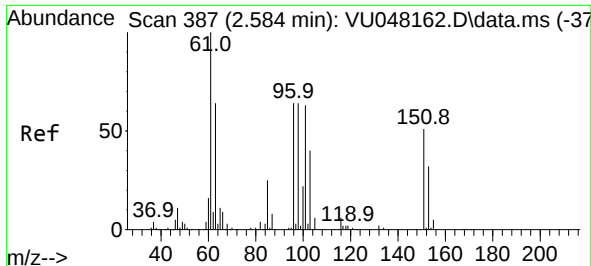
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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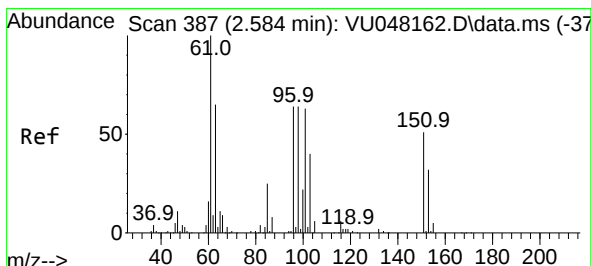
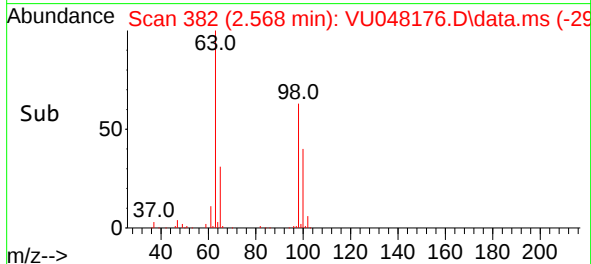
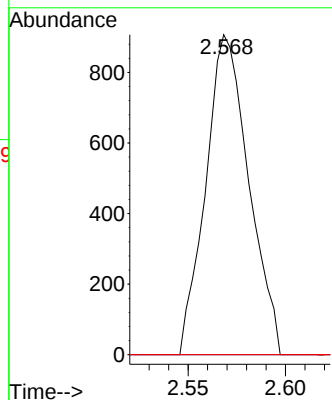
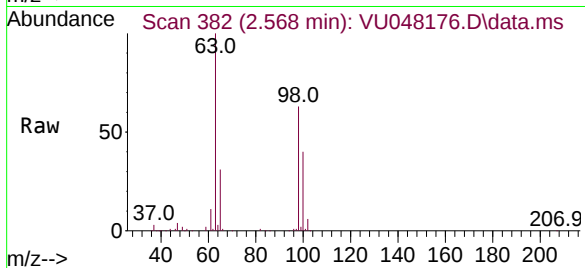




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.606 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU048176.D
 Acq: 21 Apr 2022 16:29

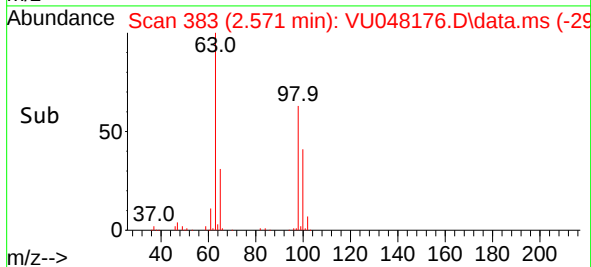
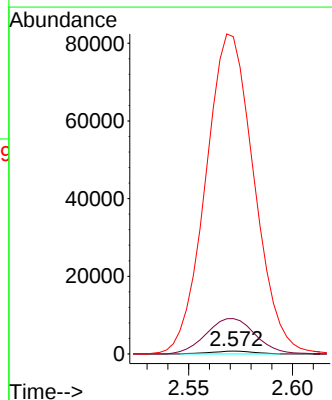
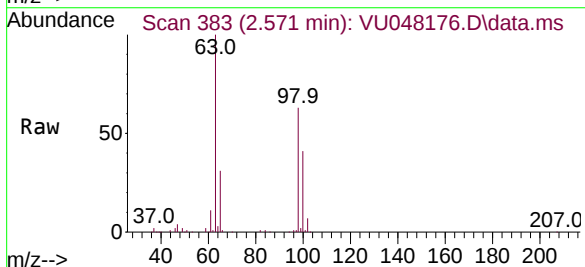
Instrument :
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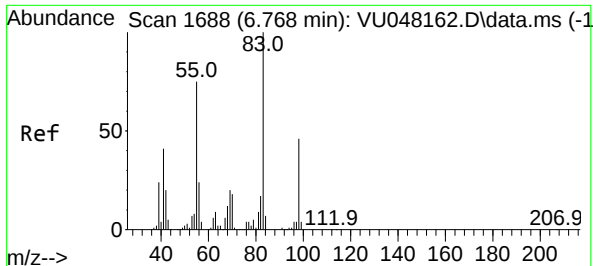
Tgt Ion:101 Resp: 1395
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.505 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU048176.D
 Acq: 21 Apr 2022 16:29

Tgt Ion: 96 Resp: 1082
 Ion Ratio Lower Upper
 96 100
 61 1232.3 113.1 210.1#
 63 11043.2 94.8 176.0#

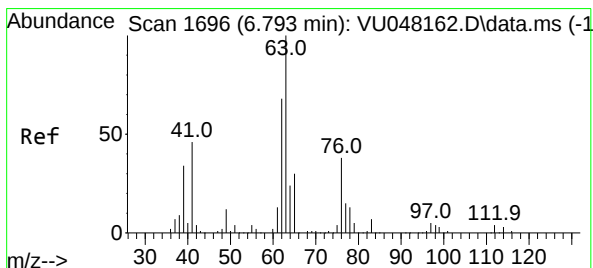
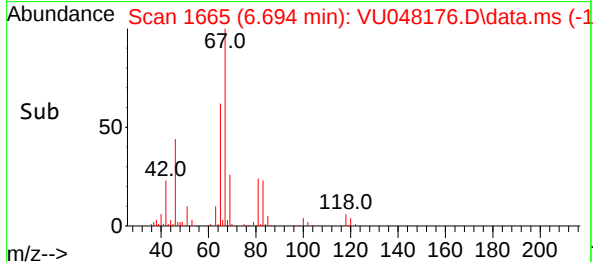
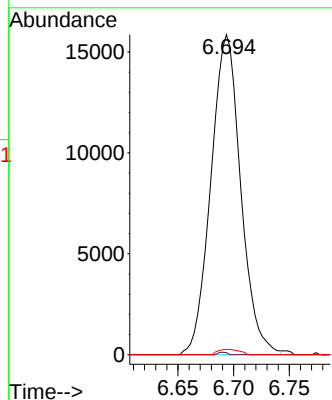
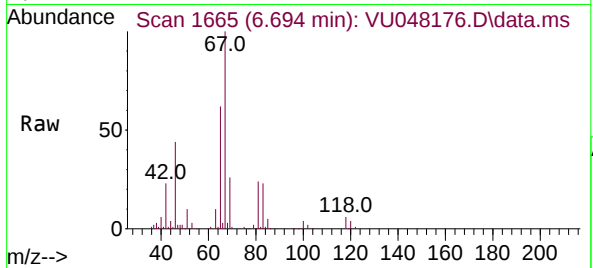




#35
Methylcyclohexane
Concen: 7.763 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU048176.D
Acq: 21 Apr 2022 16:29

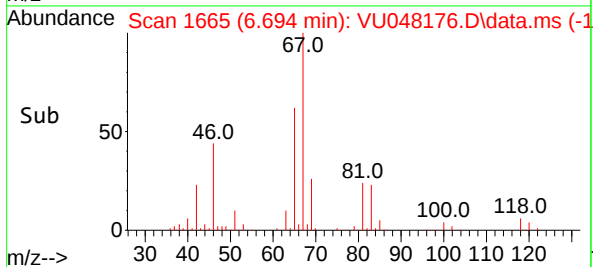
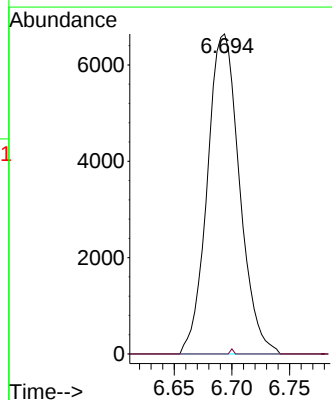
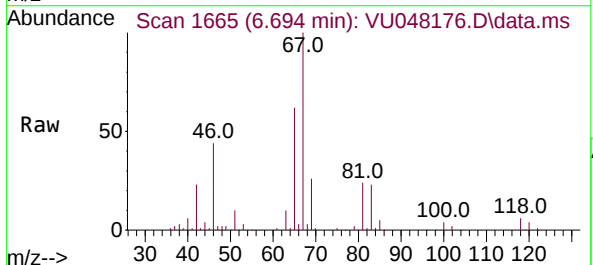
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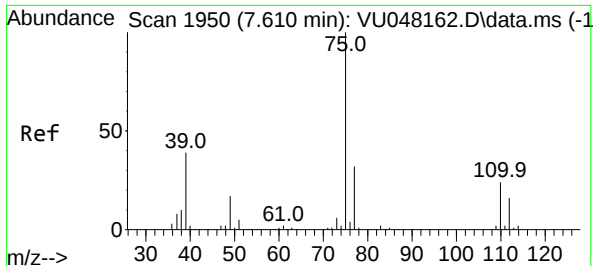
Tgt Ion: 83 Resp: 29562
Ion Ratio Lower Upper
83 100
55 0.2 56.8 85.2#
98 1.2 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 5.323 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU048176.D
Acq: 21 Apr 2022 16:29

Tgt Ion: 63 Resp: 12919
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

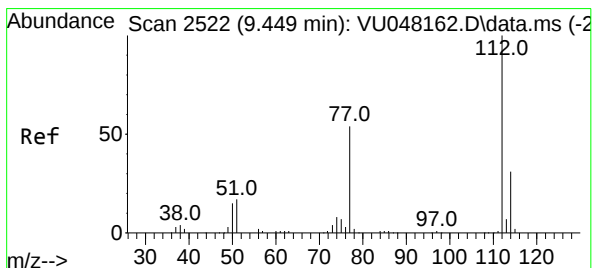
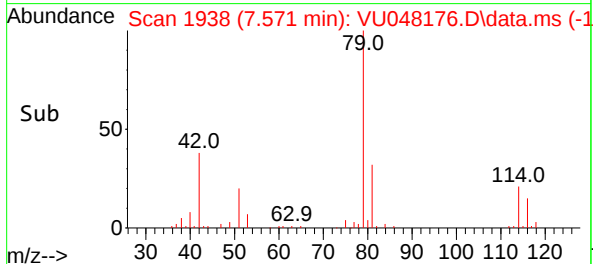
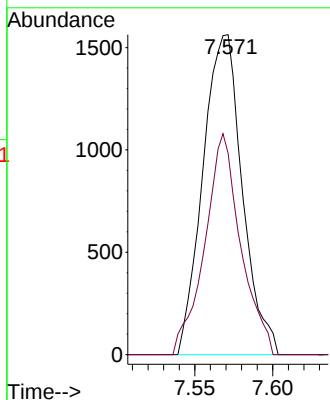
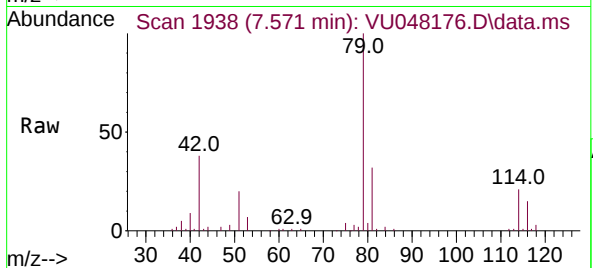




#39
 cis-1,3-Dichloropropene
 Concen: 0.729 ug/L
 RT: 7.571 min Scan# 1950
 Delta R.T. -0.039 min
 Lab File: VU048176.D
 Acq: 21 Apr 2022 16:29

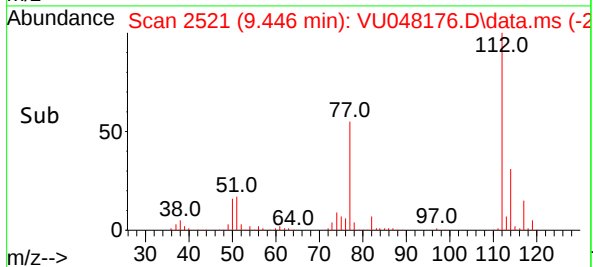
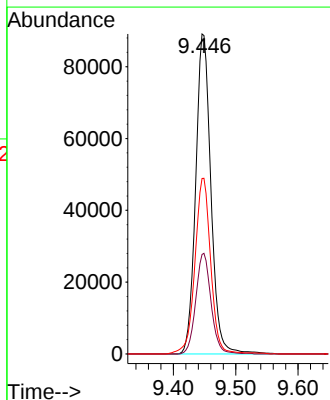
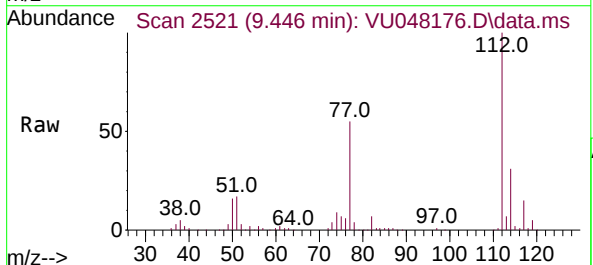
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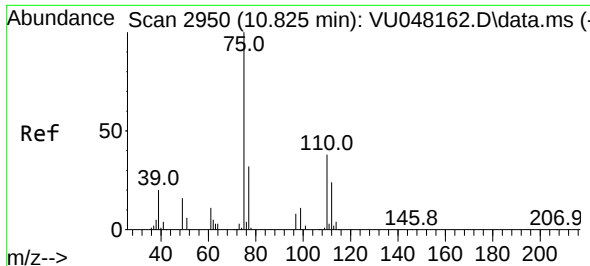
Tgt Ion: 75 Resp: 2747
 Ion Ratio Lower Upper
 75 100
 77 63.0 21.8 40.6#



#51
 Chlorobenzene
 Concen: 21.295 ug/L
 RT: 9.446 min Scan# 2521
 Delta R.T. -0.003 min
 Lab File: VU048176.D
 Acq: 21 Apr 2022 16:29

Tgt Ion: 112 Resp: 151478
 Ion Ratio Lower Upper
 112 100
 114 31.1 22.1 41.1
 77 54.9 43.4 65.0

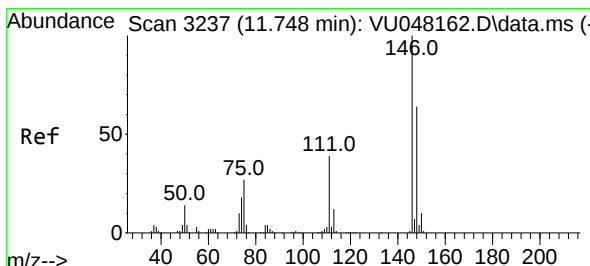
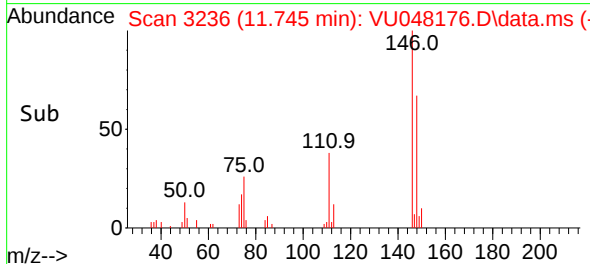
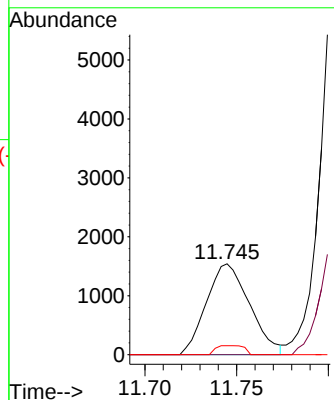
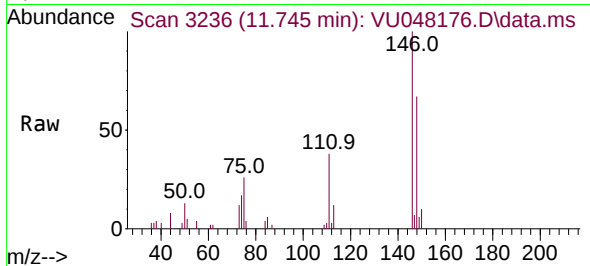




#60
1,2,3-Trichloropropane
Concen: 0.854 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.920 min
Lab File: VU048176.D
Acq: 21 Apr 2022 16:29

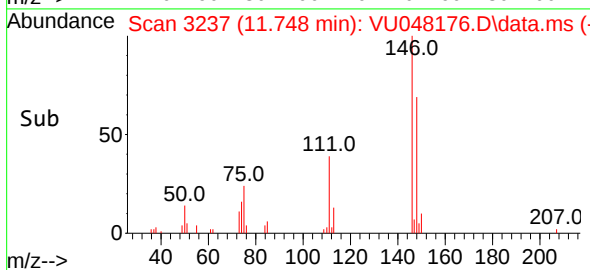
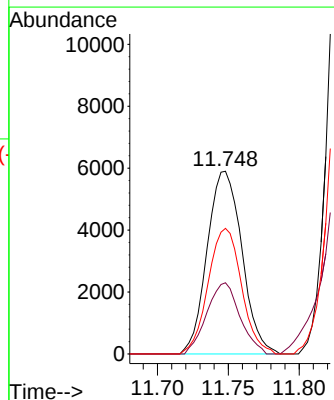
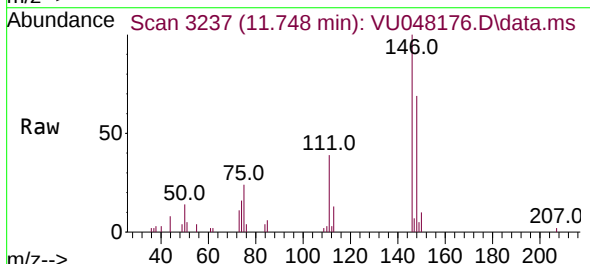
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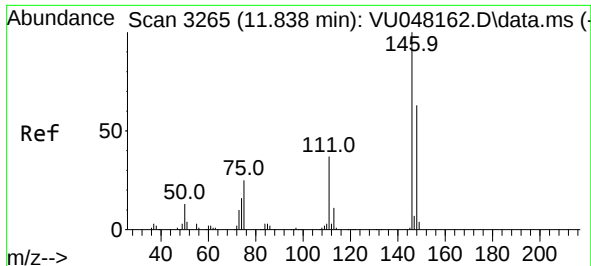
Tgt Ion: 75 Resp: 2526
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#
110 4.3 31.4 47.2#



#64
1,3-Dichlorobenzene
Concen: 2.137 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU048176.D
Acq: 21 Apr 2022 16:29

Tgt Ion:146 Resp: 10076
Ion Ratio Lower Upper
146 100
111 39.0 26.7 49.7
148 68.8 44.4 82.5

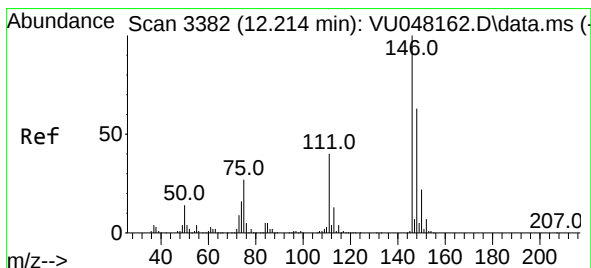
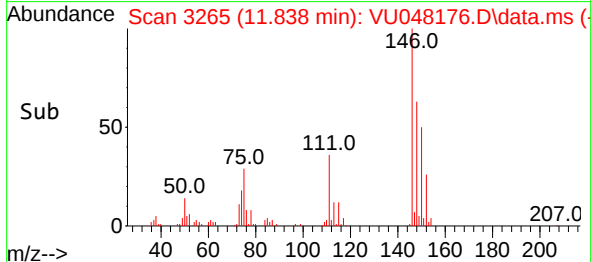
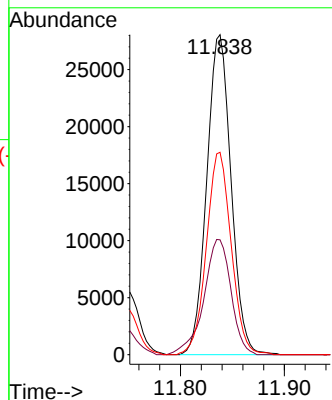
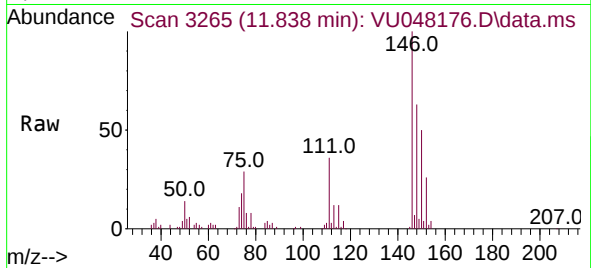




#65
1,4-Dichlorobenzene
Concen: 9.340 ug/L
RT: 11.838 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048176.D
Acq: 21 Apr 2022 16:29

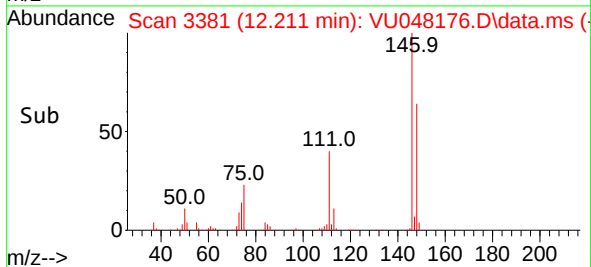
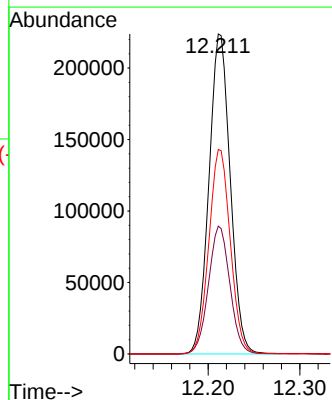
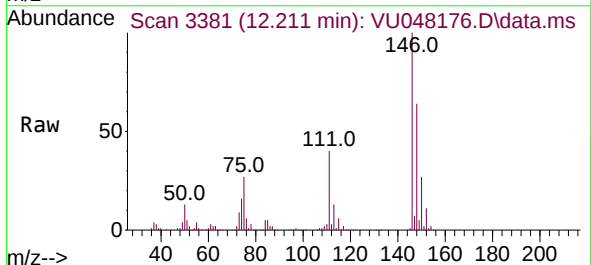
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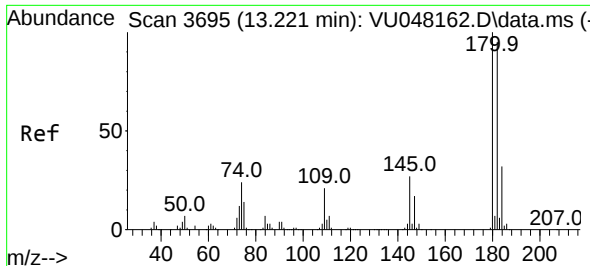
Tgt Ion:146 Resp: 45616
Ion Ratio Lower Upper
146 100
111 35.9 25.3 47.1
148 63.3 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 76.485 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU048176.D
Acq: 21 Apr 2022 16:29

Tgt Ion:146 Resp: 360841
Ion Ratio Lower Upper
146 100
111 40.0 31.7 47.5
148 63.9 51.4 77.2

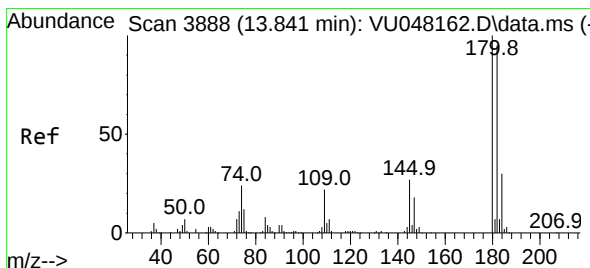
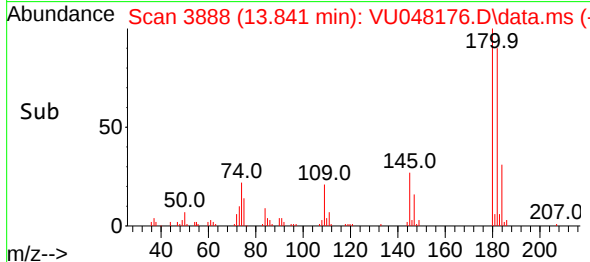
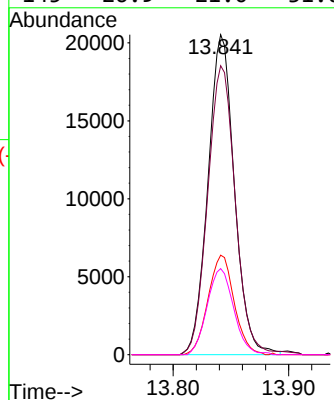
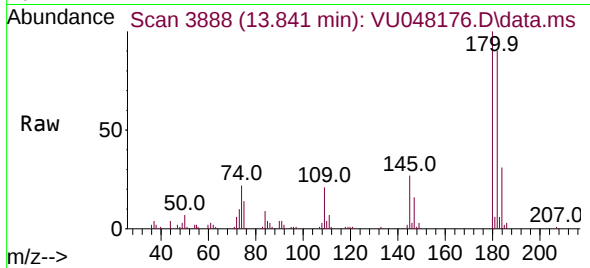




#69
1,3,5-Trichlorobenzene
Concen: 8.525 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.621 min
Lab File: VU048176.D
Acq: 21 Apr 2022 16:29

Instrument :
MSVOA_U
ClientSampleId :
C0J60

Tgt Ion:180	Resp:	32646
Ion Ratio	Lower	Upper
180	100	
182	94.4	77.0 115.6
184	30.7	24.5 36.7
145	26.9	21.0 31.6



#70
1,2,4-trichlorobenzene
Concen: 9.733 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU048176.D
Acq: 21 Apr 2022 16:29

Tgt Ion:180	Resp:	32646
Ion Ratio	Lower	Upper
180	100	
182	94.4	76.2 114.2
145	26.9	21.8 32.8

