

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041522\
 Data File : VU048102.D
 Acq On : 15 Apr 2022 14:58
 Operator : SY/MD
 Sample : N2386-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HY8

Quant Time: Apr 16 00:36:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 16 00:34:16 2022
 Response via : Initial Calibration

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

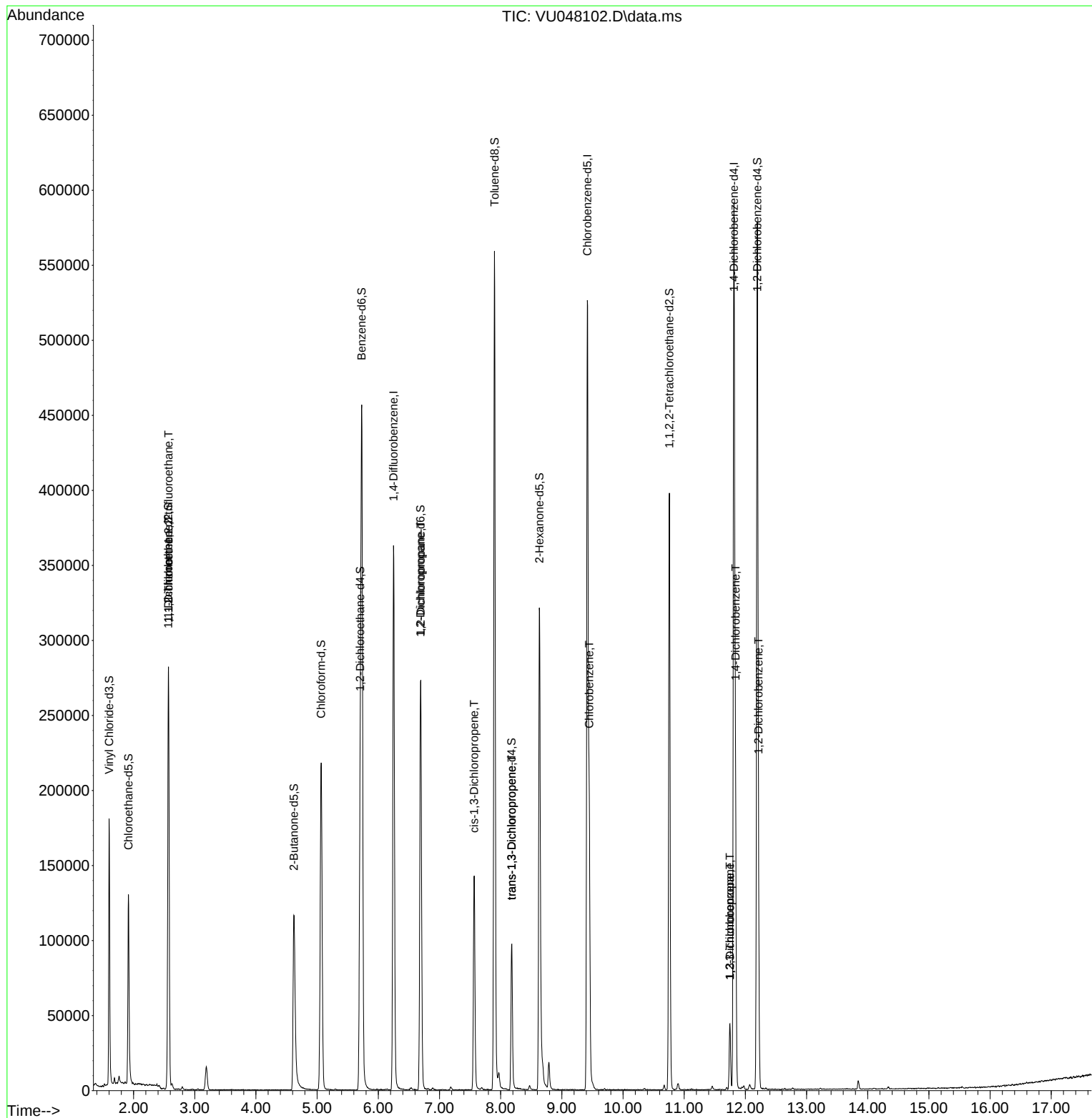
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	305053	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	317196	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	165418	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	130129	58.825	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	117.660%
7) Chloroethane-d5	1.916	69	102071	58.518	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.040%
11) 1,1-Dichloroethene-d2	2.568	63	161955	40.016	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.040%
21) 2-Butanone-d5	4.620	46	167959	88.459	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.460%
24) Chloroform-d	5.067	84	208371	51.480	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.960%
26) 1,2-Dichloroethane-d4	5.703	65	131841	53.108	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.220%
32) Benzene-d6	5.729	84	433488	54.311	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.620%
36) 1,2-Dichloropropane-d6	6.690	67	139272	56.818	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.640%
41) Toluene-d8	7.899	98	377442	48.537	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.080%
43) trans-1,3-Dichloroprop...	8.179	79	55958	45.061	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.120%
47) 2-Hexanone-d5	8.632	63	117344	81.776	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.780%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	197978	47.063	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.120%
66) 1,2-Dichlorobenzene-d4	12.195	152	157562	53.539	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.080%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1497	0.666	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	1233	0.589	ug/L #	1
37) 1,2-Dichloropropane	6.693	63	14436	6.185	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	3379	0.933	ug/L #	71
44) trans-1,3-Dichloropropene	8.182	75	2493	0.689	ug/L #	62
51) Chlorobenzene	9.446	112	102212	14.943	ug/L	97
60) 1,2,3-Trichloropropane	11.745	75	5175	1.660	ug/L #	49
64) 1,3-Dichlorobenzene	11.748	146	19490	3.922	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	88706	17.235	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	41924	8.432	ug/L	98

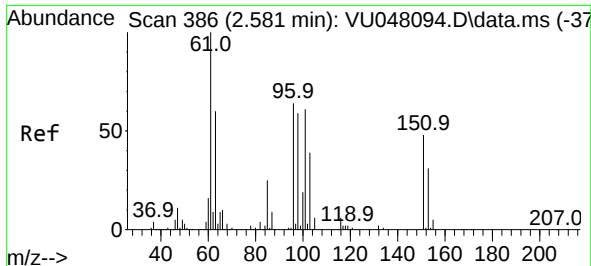
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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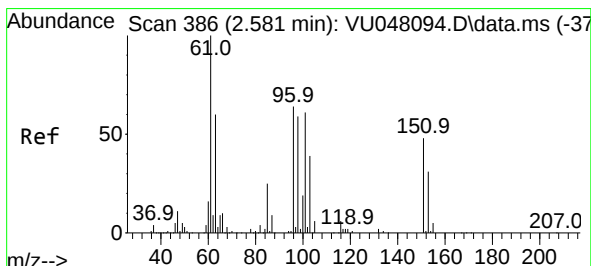
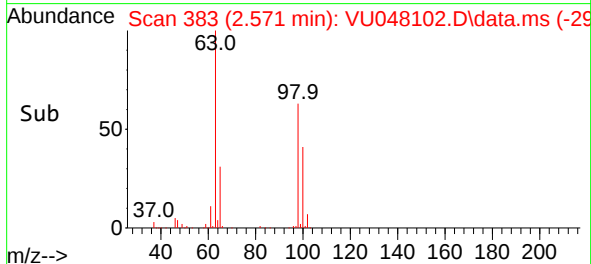
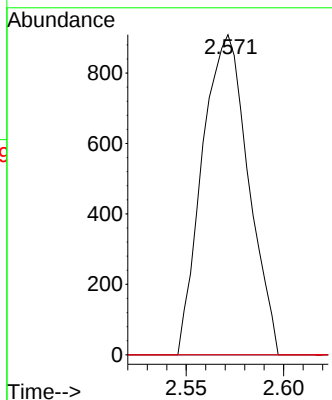
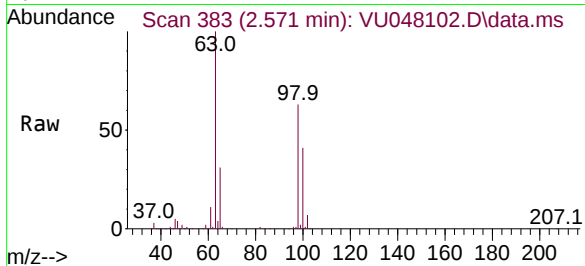




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.666 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.010 min
 Lab File: VU048102.D
 Acq: 15 Apr 2022 14:58

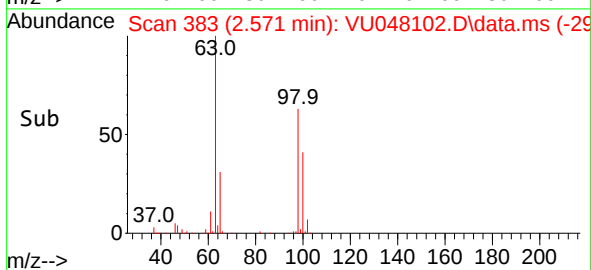
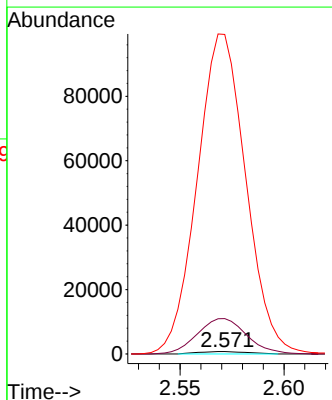
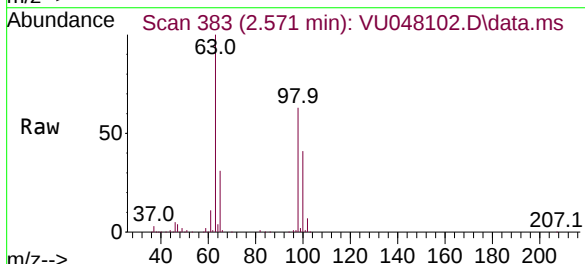
Instrument :
 MSVOA_U
 ClientSampleId :
 C0HY8

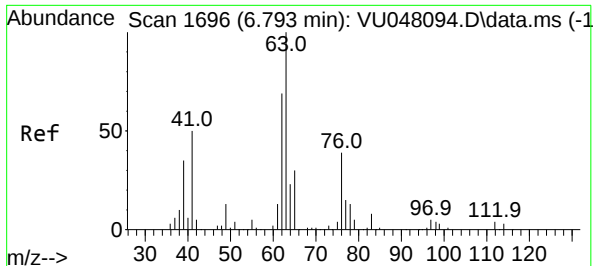
Tgt Ion:101 Resp: 1497
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.589 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.010 min
 Lab File: VU048102.D
 Acq: 15 Apr 2022 14:58

Tgt Ion: 96 Resp: 1233
 Ion Ratio Lower Upper
 96 100
 61 1474.0 113.1 210.1#
 63 13302.9 94.8 176.0#





#37

1,2-Dichloropropane

Concen: 6.185 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU048102.D

Acq: 15 Apr 2022 14:58

Instrument :

MSVOA_U

ClientSampleId :

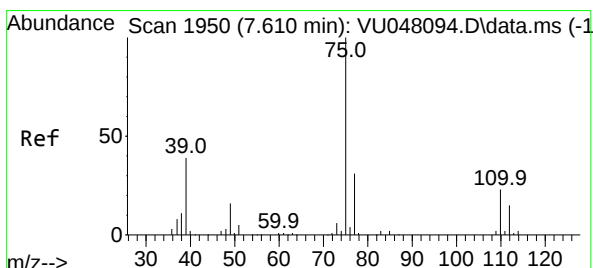
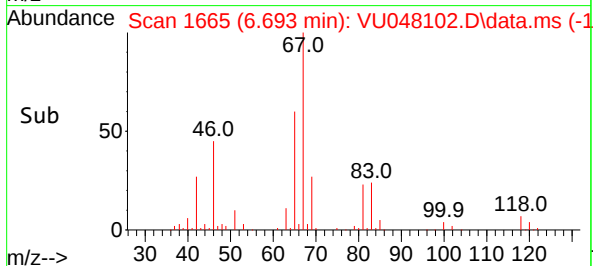
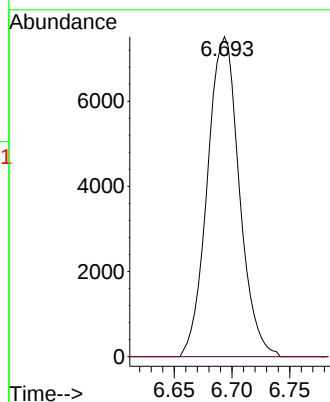
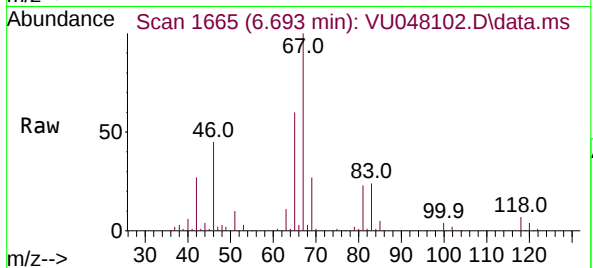
C0HY8

Tgt Ion: 63 Resp: 14436

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.933 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU048102.D

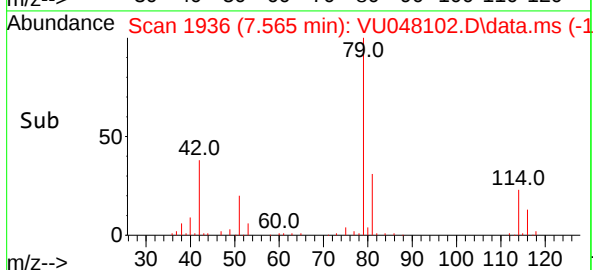
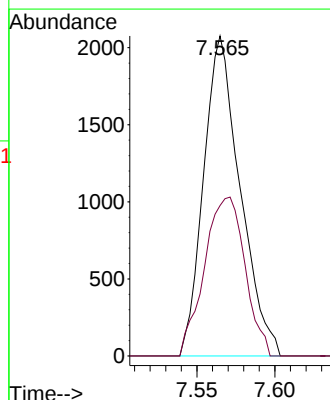
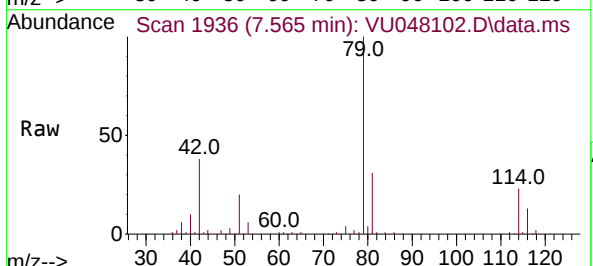
Acq: 15 Apr 2022 14:58

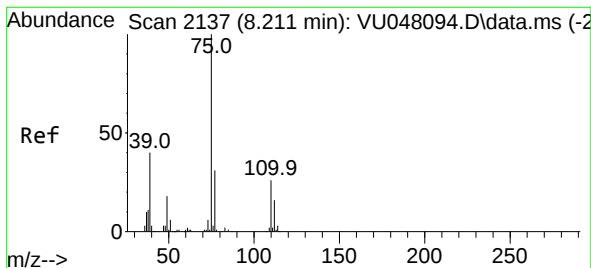
Tgt Ion: 75 Resp: 3379

Ion Ratio Lower Upper

75 100

77 47.0 21.8 40.6#





#44

trans-1,3-Dichloropropene

Concen: 0.689 ug/L

RT: 8.182 min Scan# 2137

Delta R.T. -0.029 min

Lab File: VU048102.D

Acq: 15 Apr 2022 14:58

Instrument :

MSVOA_U

ClientSampleId :

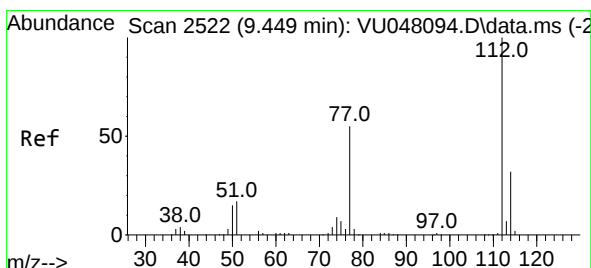
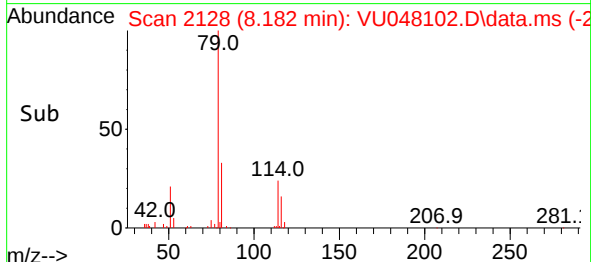
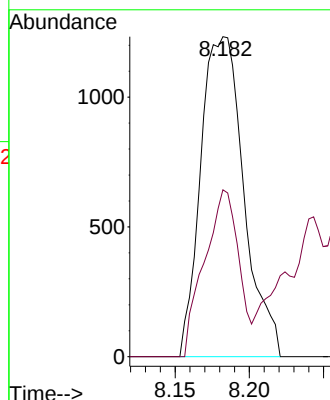
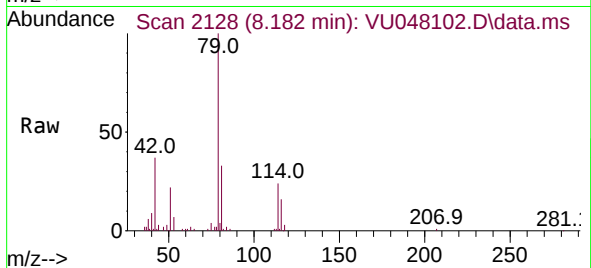
COHY8

Tgt Ion: 75 Resp: 2493

Ion Ratio Lower Upper

75 100

77 52.1 22.0 40.8#



#51

Chlorobenzene

Concen: 14.943 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU048102.D

Acq: 15 Apr 2022 14:58

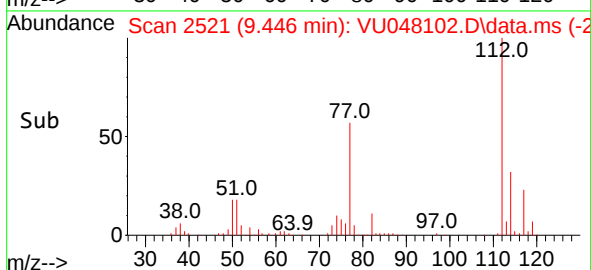
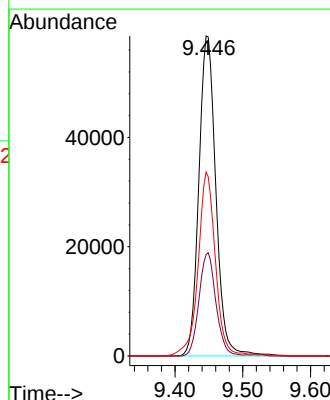
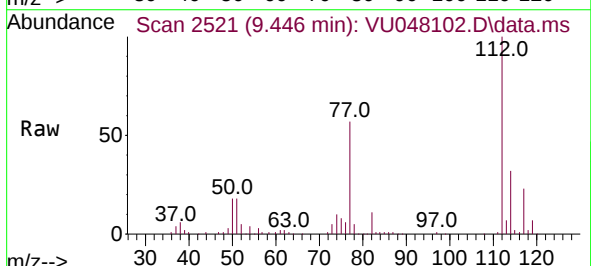
Tgt Ion: 112 Resp: 102212

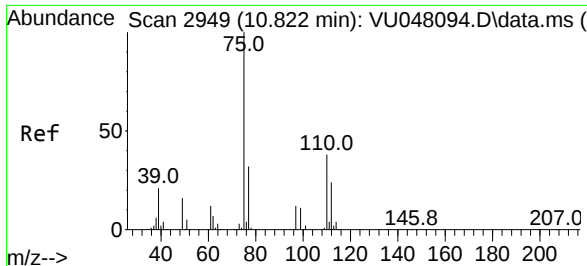
Ion Ratio Lower Upper

112 100

114 31.7 22.1 41.1

77 57.4 43.4 65.0

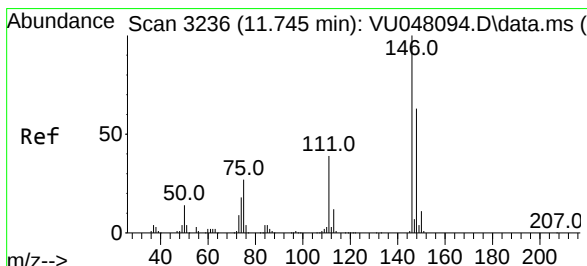
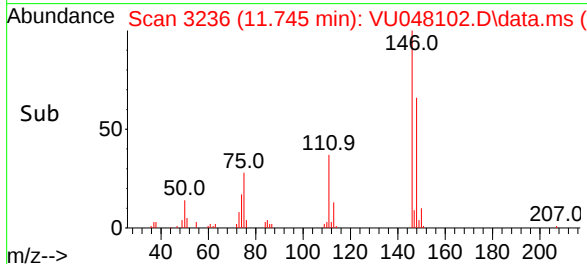
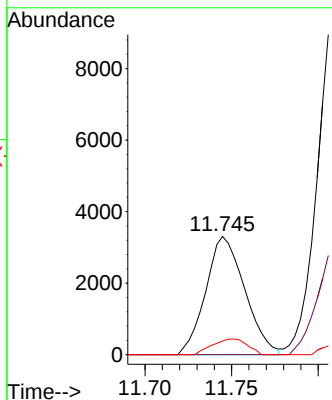
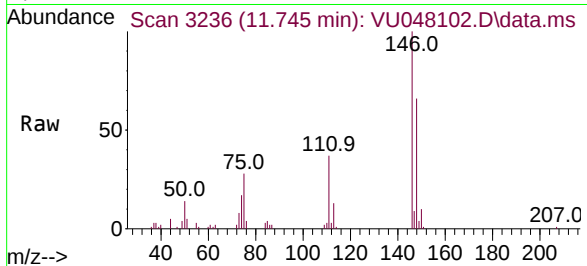




#60
1,2,3-Trichloropropane
Concen: 1.660 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.923 min
Lab File: VU048102.D
Acq: 15 Apr 2022 14:58

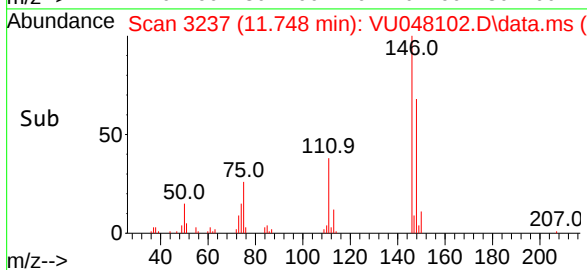
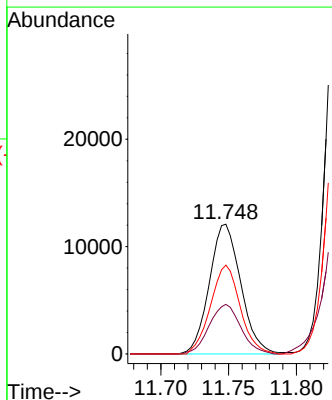
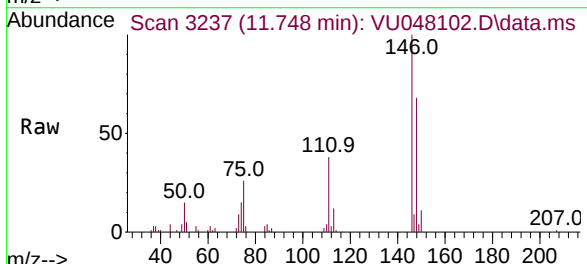
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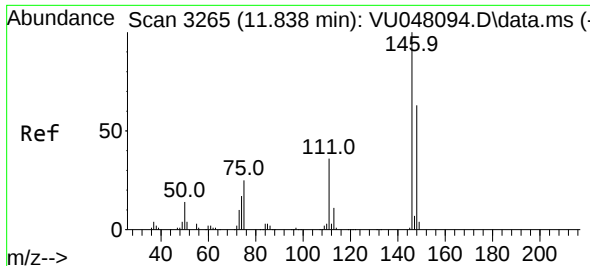
Tgt Ion: 75 Resp: 5175
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#
110 11.9 31.4 47.2#



#64
1,3-Dichlorobenzene
Concen: 3.922 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU048102.D
Acq: 15 Apr 2022 14:58

Tgt Ion:146 Resp: 19490
Ion Ratio Lower Upper
146 100
111 38.2 26.7 49.7
148 68.5 44.4 82.5

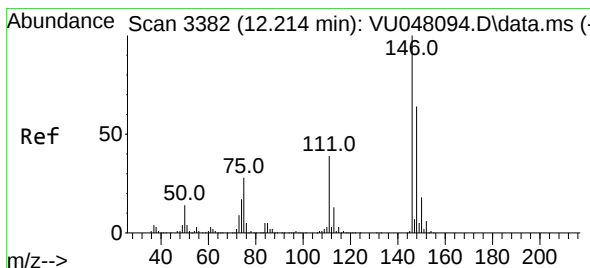
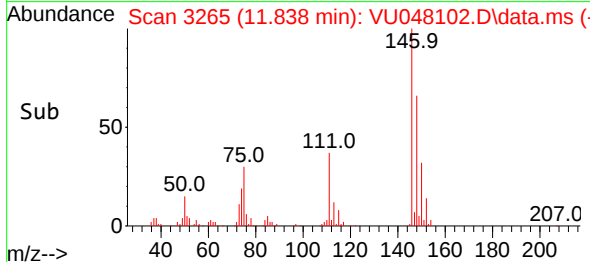
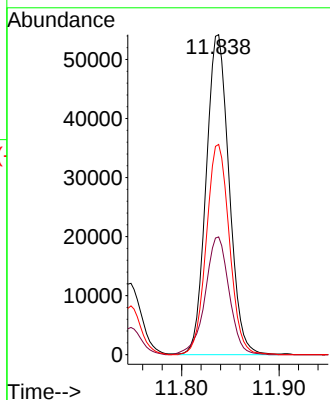
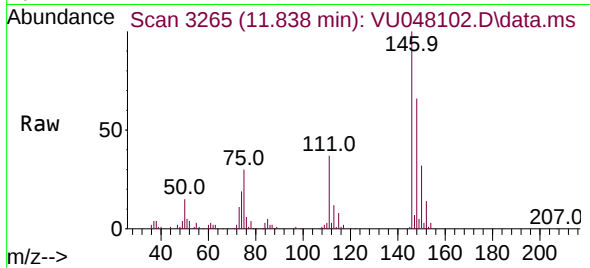




#65
1,4-Dichlorobenzene
Concen: 17.235 ug/L
RT: 11.838 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048102.D
Acq: 15 Apr 2022 14:58

Instrument :
MSVOA_U
ClientSampleId :
COHY8

Tgt Ion:146 Resp: 88706
Ion Ratio Lower Upper
146 100
111 36.8 25.3 47.1
148 65.7 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 8.432 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU048102.D
Acq: 15 Apr 2022 14:58

Tgt Ion:146 Resp: 41924
Ion Ratio Lower Upper
146 100
111 39.0 31.7 47.5
148 66.4 51.4 77.2

