

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU048008.D
 Acq On : 13 Apr 2022 16:57
 Operator : SY/MD
 Sample : N2345-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J79

Quant Time: Apr 14 03:09:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 14 02:49:33 2022
 Response via : Initial Calibration

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

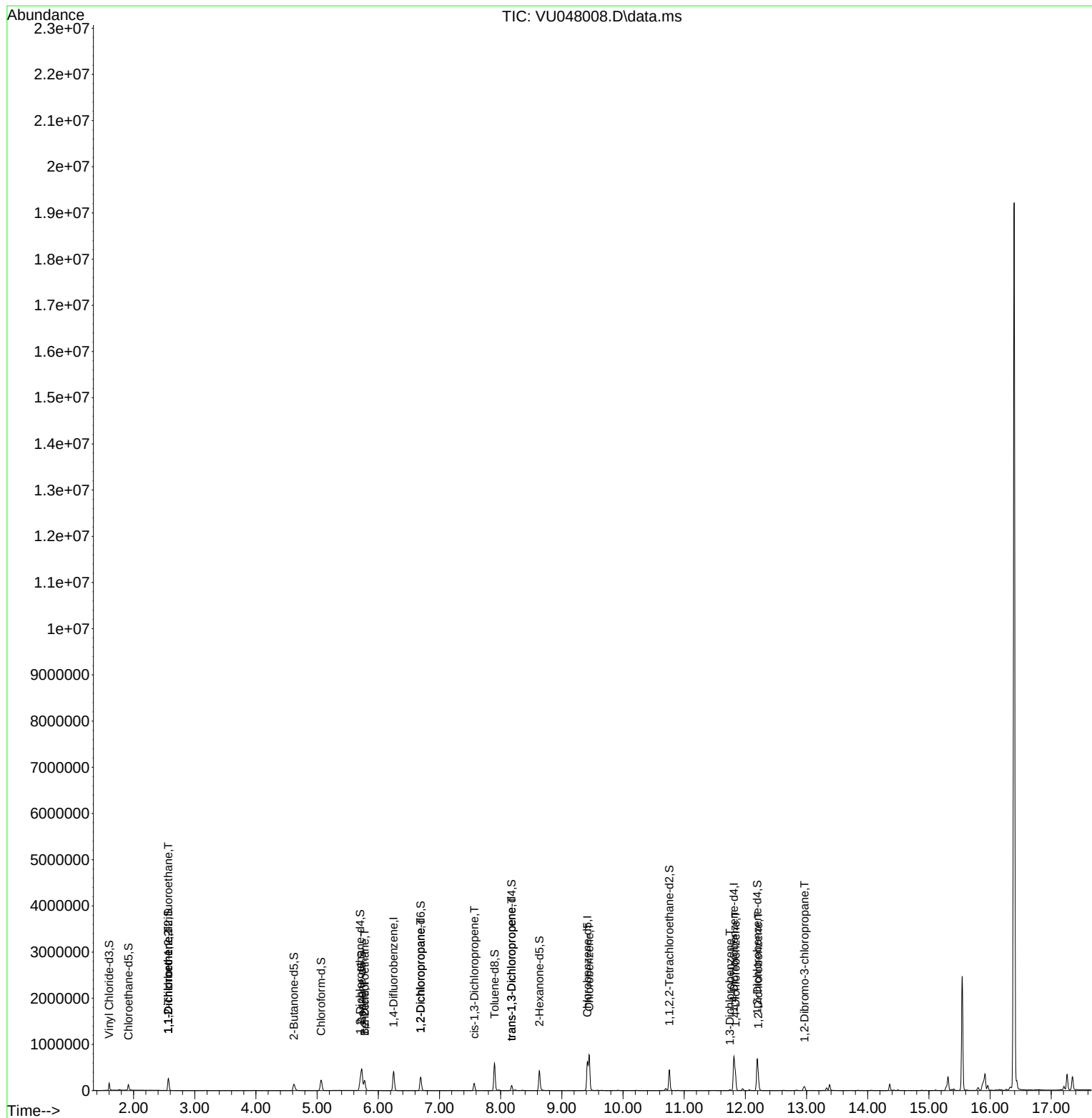
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	350664	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	358810	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	204559	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	114351	44.969	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.940%
7) Chloroethane-d5	1.916	69	100501	50.123	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.240%
11) 1,1-Dichloroethene-d2	2.568	63	150545	32.358	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.720%
21) 2-Butanone-d5	4.620	46	199091	91.217	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.220%
24) Chloroform-d	5.067	84	214158	46.028	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.060%
26) 1,2-Dichloroethane-d4	5.703	65	141026	49.419	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.840%
32) Benzene-d6	5.729	84	442831	49.047	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.100%
36) 1,2-Dichloropropane-d6	6.694	67	143985	51.928	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.860%
41) Toluene-d8	7.899	98	400887	45.573	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.140%
43) trans-1,3-Dichloroprop...	8.179	79	61436	43.735	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.460%
47) 2-Hexanone-d5	8.632	63	150590	92.774	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.770%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	220550	46.348	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.700%
66) 1,2-Dichlorobenzene-d4	12.195	152	179883	49.428	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.860%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1633	0.632	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1378	0.573	ug/L #	1
27) 1,2-Dichloroethane	5.777	62	1835	0.493	ug/L #	75
33) Benzene	5.777	78	210856	20.302	ug/L	100
37) 1,2-Dichloropropane	6.690	63	14996	5.680	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	3645	0.890	ug/L #	57
44) trans-1,3-Dichloropropene	8.179	75	2736	0.669	ug/L	94
51) Chlorobenzene	9.449	112	421970	54.535	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	8928	1.453	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	156792	24.634	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	83958	13.655	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.967	75	17016	13.775	ug/L #	1

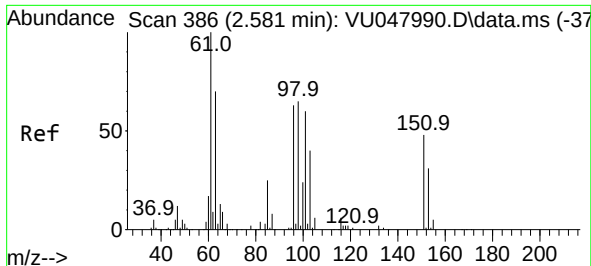
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.632 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.013 min

Lab File: VU048008.D

Acq: 13 Apr 2022 16:57

Instrument :

MSVOA_U

ClientSampleId :

C0J79

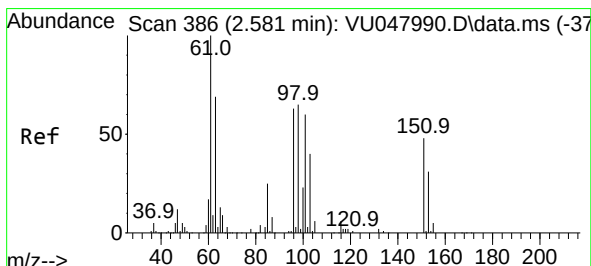
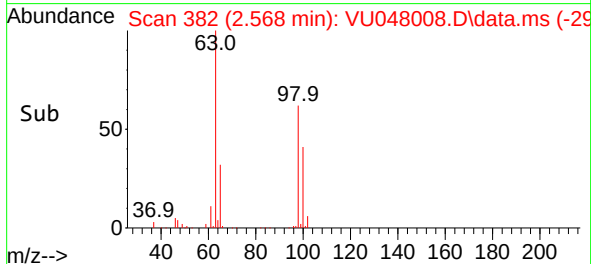
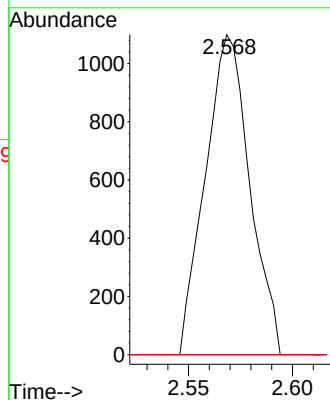
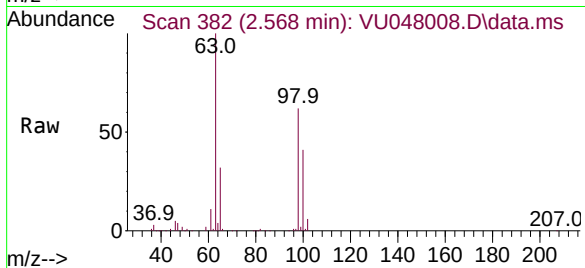
Tgt Ion:101 Resp: 1633

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: 0.573 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.013 min

Lab File: VU048008.D

Acq: 13 Apr 2022 16:57

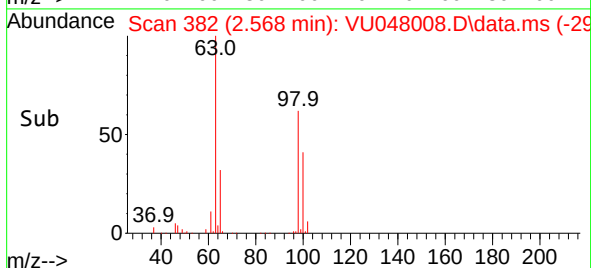
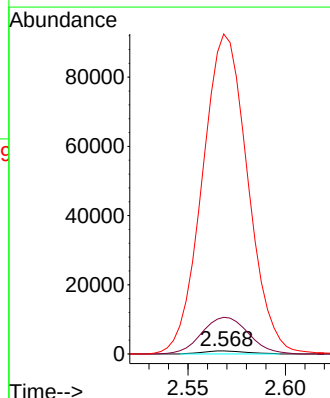
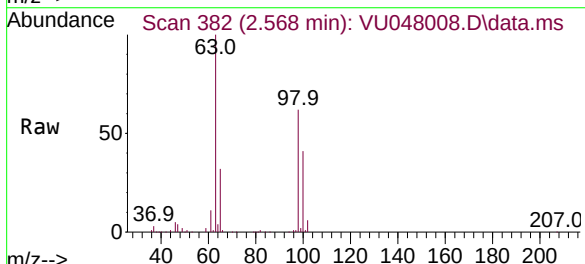
Tgt Ion: 96 Resp: 1378

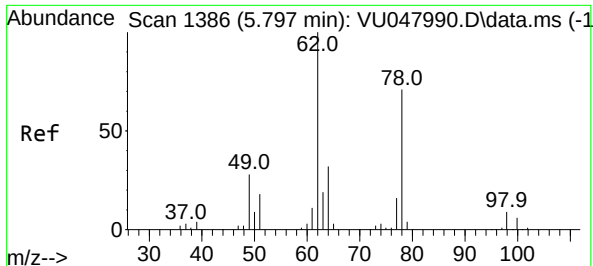
Ion Ratio Lower Upper

96 100

61 1206.5 113.1 210.1#

63 10546.9 94.8 176.0#





#27

1,2-Dichloroethane

Concen: 0.493 ug/L

RT: 5.777 min Scan# 1380

Delta R.T. -0.019 min

Lab File: VU048008.D

Acq: 13 Apr 2022 16:57

Instrument :

MSVOA_U

ClientSampleId :

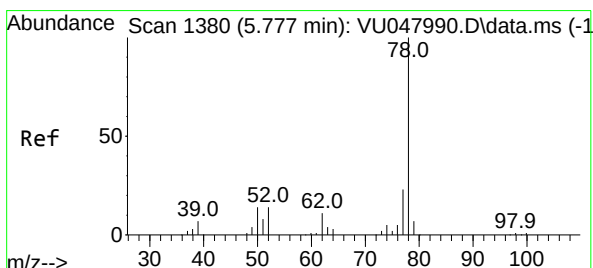
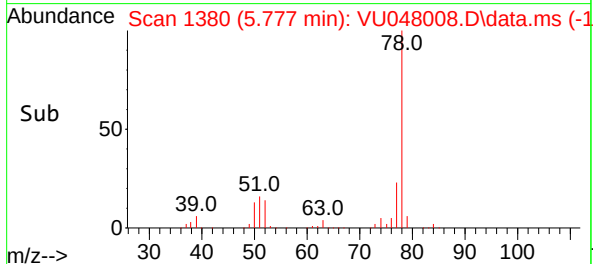
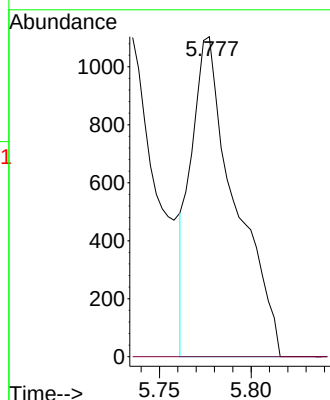
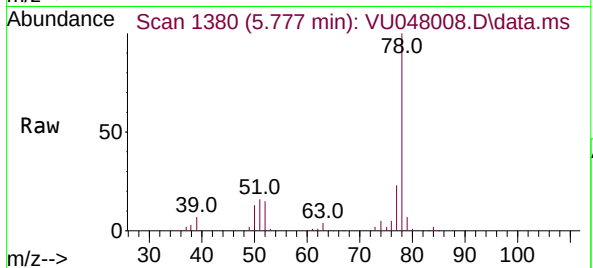
C0J79

Tgt Ion: 62 Resp: 1835

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



#33

Benzene

Concen: 20.302 ug/L

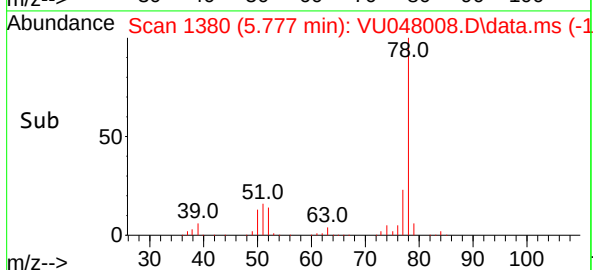
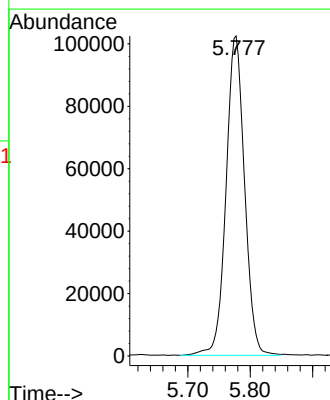
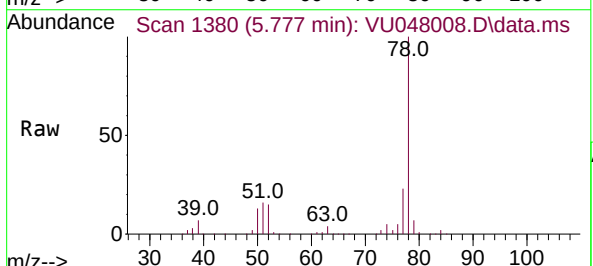
RT: 5.777 min Scan# 1380

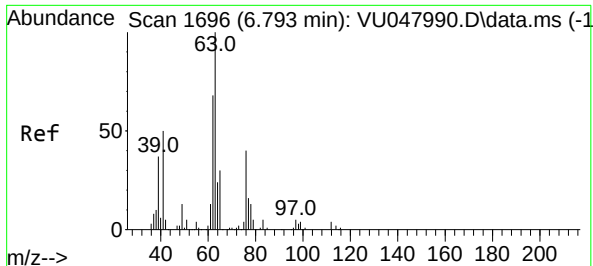
Delta R.T. 0.000 min

Lab File: VU048008.D

Acq: 13 Apr 2022 16:57

Tgt Ion: 78 Resp: 210856





#37

1,2-Dichloropropane

Concen: 5.680 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048008.D

Acq: 13 Apr 2022 16:57

Instrument :

MSVOA_U

ClientSampleId :

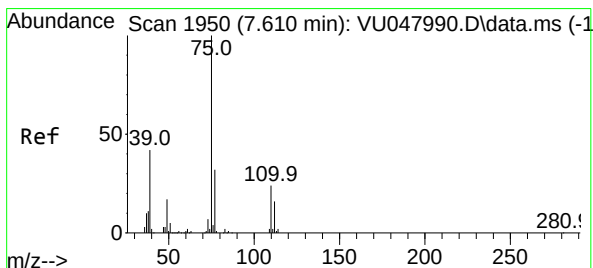
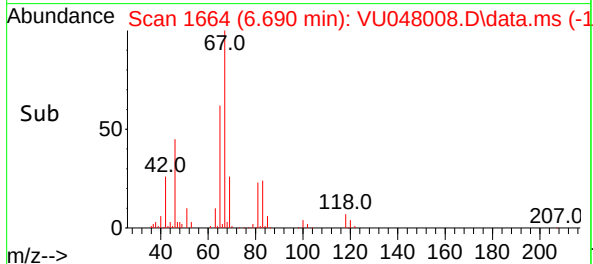
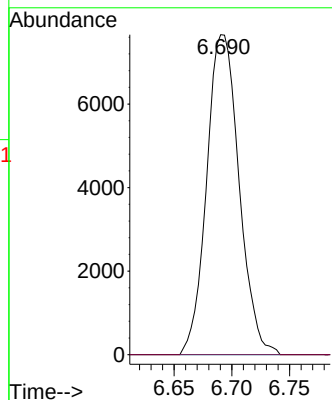
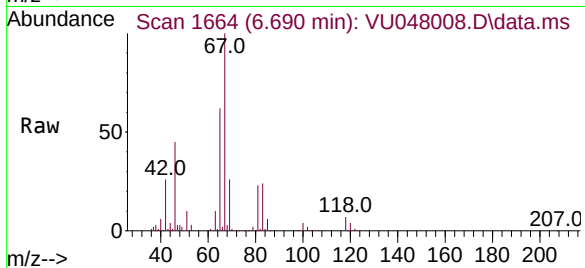
C0J79

Tgt Ion: 63 Resp: 14996

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.890 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU048008.D

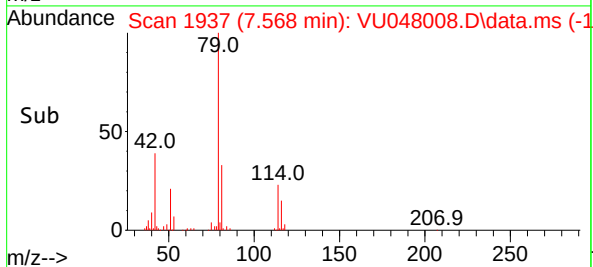
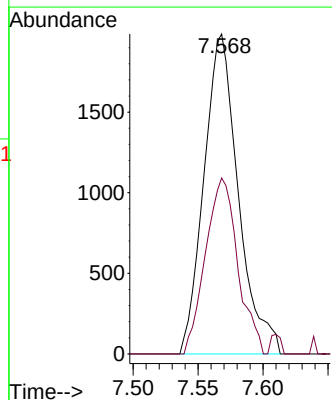
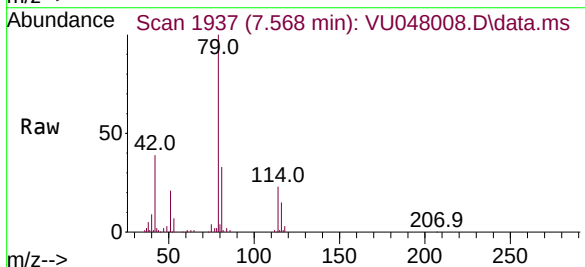
Acq: 13 Apr 2022 16:57

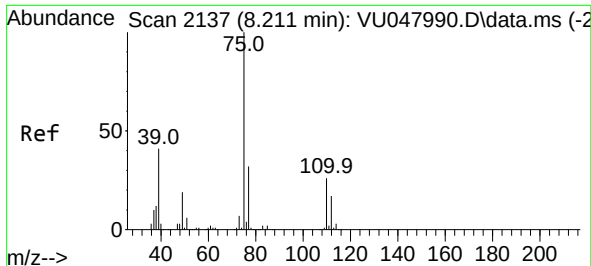
Tgt Ion: 75 Resp: 3645

Ion Ratio Lower Upper

75 100

77 55.0 21.8 40.6#

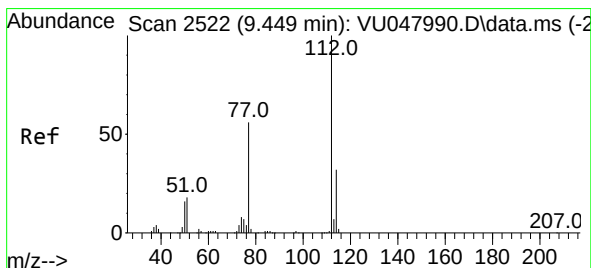
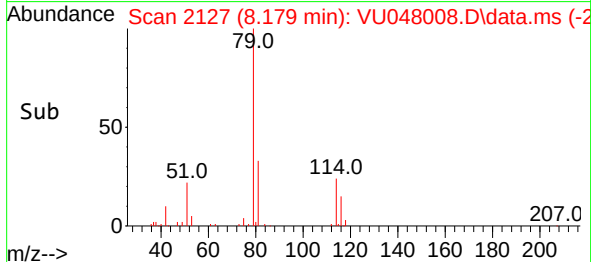
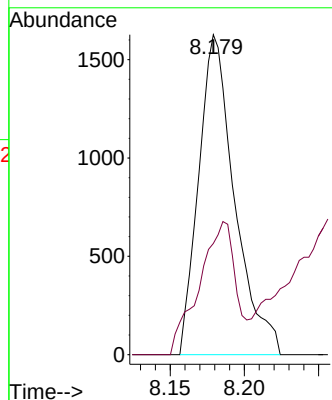
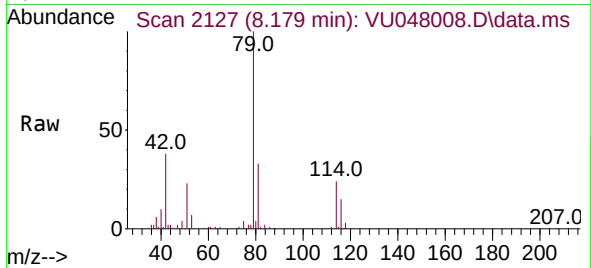




#44
trans-1,3-Dichloropropene
Concen: 0.669 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU048008.D
Acq: 13 Apr 2022 16:57

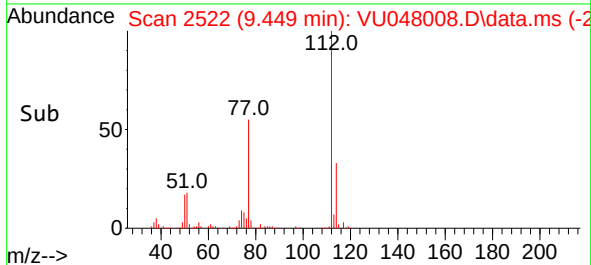
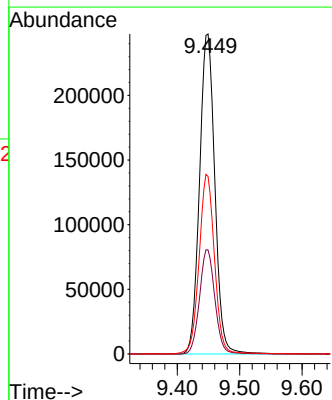
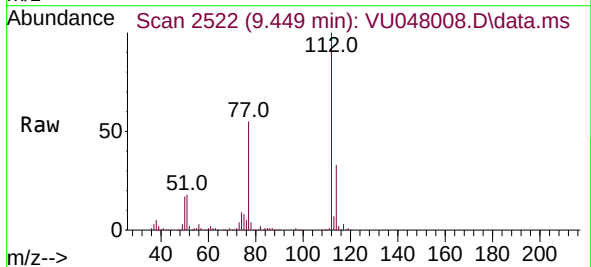
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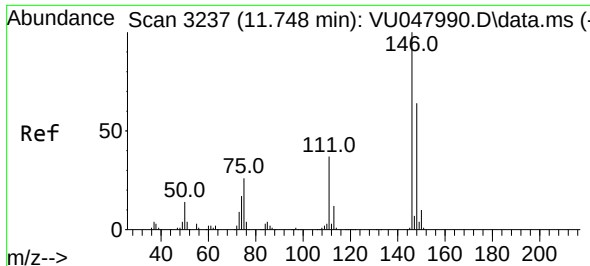
Tgt Ion: 75 Resp: 2736
Ion Ratio Lower Upper
75 100
77 34.7 22.0 40.8



#51
Chlorobenzene
Concen: 54.535 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU048008.D
Acq: 13 Apr 2022 16:57

Tgt Ion: 112 Resp: 421970
Ion Ratio Lower Upper
112 100
114 32.5 22.1 41.1
77 55.5 43.4 65.0

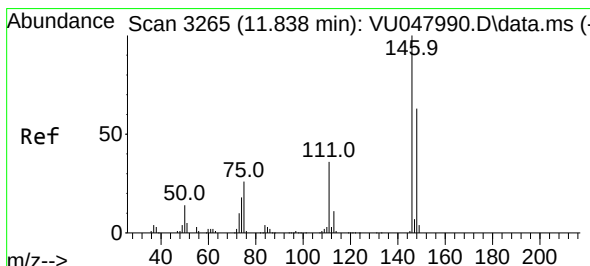
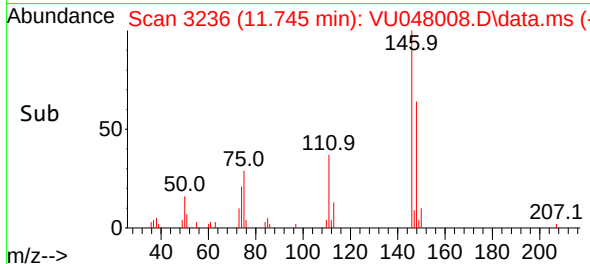
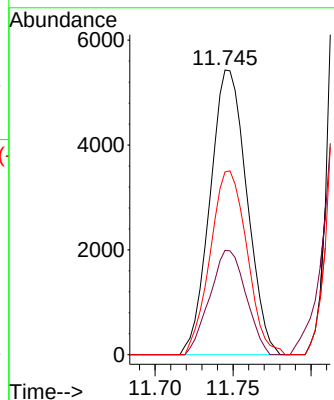
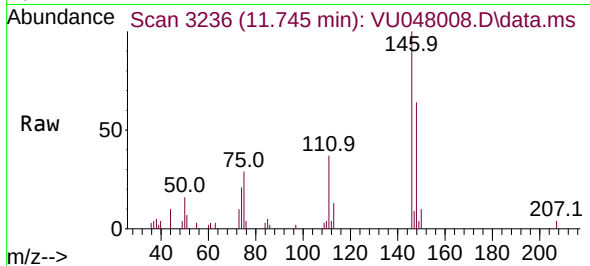




#64
1,3-Dichlorobenzene
Concen: 1.453 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048008.D
Acq: 13 Apr 2022 16:57

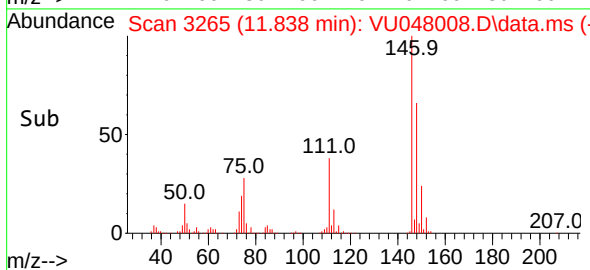
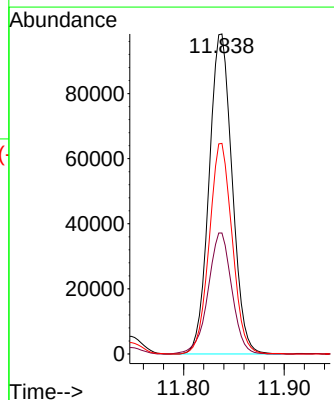
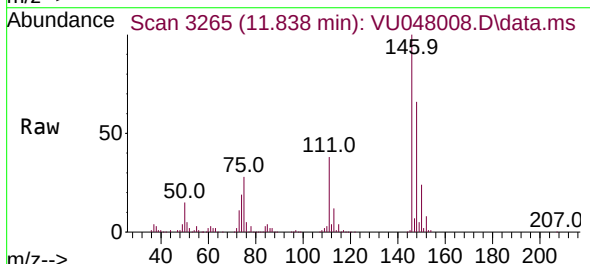
Instrument :
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ClientSampleId :
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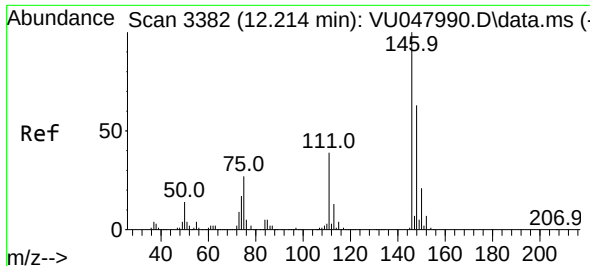
Tgt Ion:146 Resp: 8928
Ion Ratio Lower Upper
146 100
111 36.7 26.7 49.7
148 64.2 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 24.634 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048008.D
Acq: 13 Apr 2022 16:57

Tgt Ion:146 Resp: 156792
Ion Ratio Lower Upper
146 100
111 37.8 25.3 47.1
148 65.8 44.5 82.7

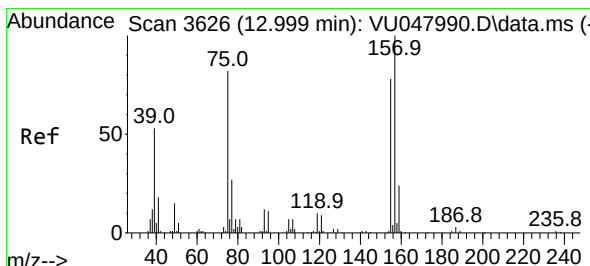
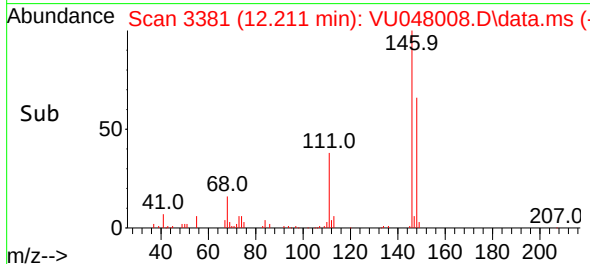
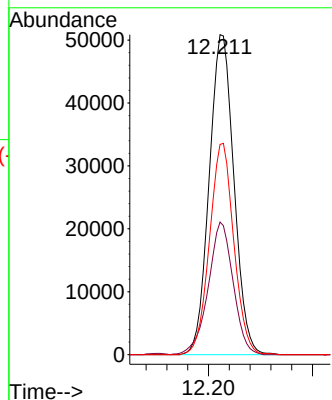
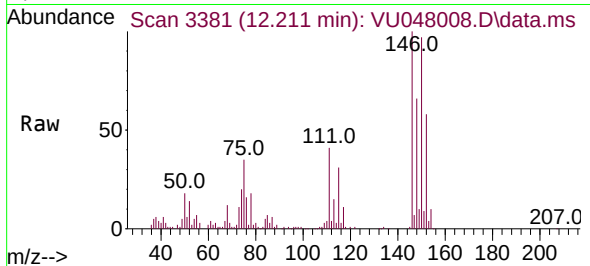




#67
1,2-Dichlorobenzene
Concen: 13.655 ug/L
RT: 12.211 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU048008.D
Acq: 13 Apr 2022 16:57

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Tgt Ion:146 Resp: 83958
Ion Ratio Lower Upper
146 100
111 41.5 31.7 47.5
148 65.7 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 13.775 ug/L
RT: 12.967 min Scan# 3616
Delta R.T. -0.032 min
Lab File: VU048008.D
Acq: 13 Apr 2022 16:57

Tgt Ion: 75 Resp: 17016
Ion Ratio Lower Upper
75 100
155 5.1 78.9 118.3#
157 6.0 97.5 146.3#

