

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092222\
 Data File : VU050911.D
 Acq On : 22 Sep 2022 20:23
 Operator : JC/MD
 Sample : N4747-02MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45A0MS

Quant Time: Sep 23 01:13:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 23 01:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	407463	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	400818	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	192552	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	129958	30.784	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.560%
7) Chloroethane-d5	1.903	69	115212	38.320	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.640%
11) 1,1-Dichloroethene-d2	2.568	63	246674	37.552	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.100%
21) 2-Butanone-d5	4.616	46	314740	115.482	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.480%
24) Chloroform-d	5.060	84	283831	42.902	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.700	65	175151	42.959	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.920%
32) Benzene-d6	5.726	84	520014	39.389	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.780%
36) 1,2-Dichloropropane-d6	6.687	67	182474	40.947	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.900%
41) Toluene-d8	7.896	98	451123	39.091	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.180%#
43) trans-1,3-Dichloroprop...	8.179	79	77742	40.102	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.200%
47) 2-Hexanone-d5	8.629	63	190729	103.858	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.860%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	319005	46.953	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.900%
66) 1,2-Dichlorobenzene-d4	12.192	152	171962	42.654	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	198234	46.984	ug/L	100
3) Chloromethane	1.520	50	227306	46.342	ug/L	99
5) Vinyl chloride	1.604	62	235610	49.066	ug/L	99
6) Bromomethane	1.842	94	124379	51.271	ug/L	99
8) Chloroethane	1.925	64	137722	51.801	ug/L	99
9) Trichlorofluoromethane	2.134	101	263612	50.611	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	160966	48.282	ug/L	99
12) 1,1-Dichloroethene	2.578	96	150370	48.003	ug/L	89
13) Acetone	2.620	43	220189	95.413	ug/L	98
14) Carbon disulfide	2.790	76	465281	46.972	ug/L	99
15) Methyl Acetate	2.941	43	220704	50.677	ug/L	98
16) Methylene chloride	3.041	84	189711	43.616	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	158315	49.309	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	489206	49.981	ug/L	99
19) 1,1-Dichloroethane	3.867	63	317129	48.884	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	190721	53.575	ug/L	98
22) 2-Butanone	4.694	43	348950	114.714	ug/L	100
23) Bromochloromethane	4.970	128	92875	49.779	ug/L	98
25) Chloroform	5.086	83	322641	49.903	ug/L	100

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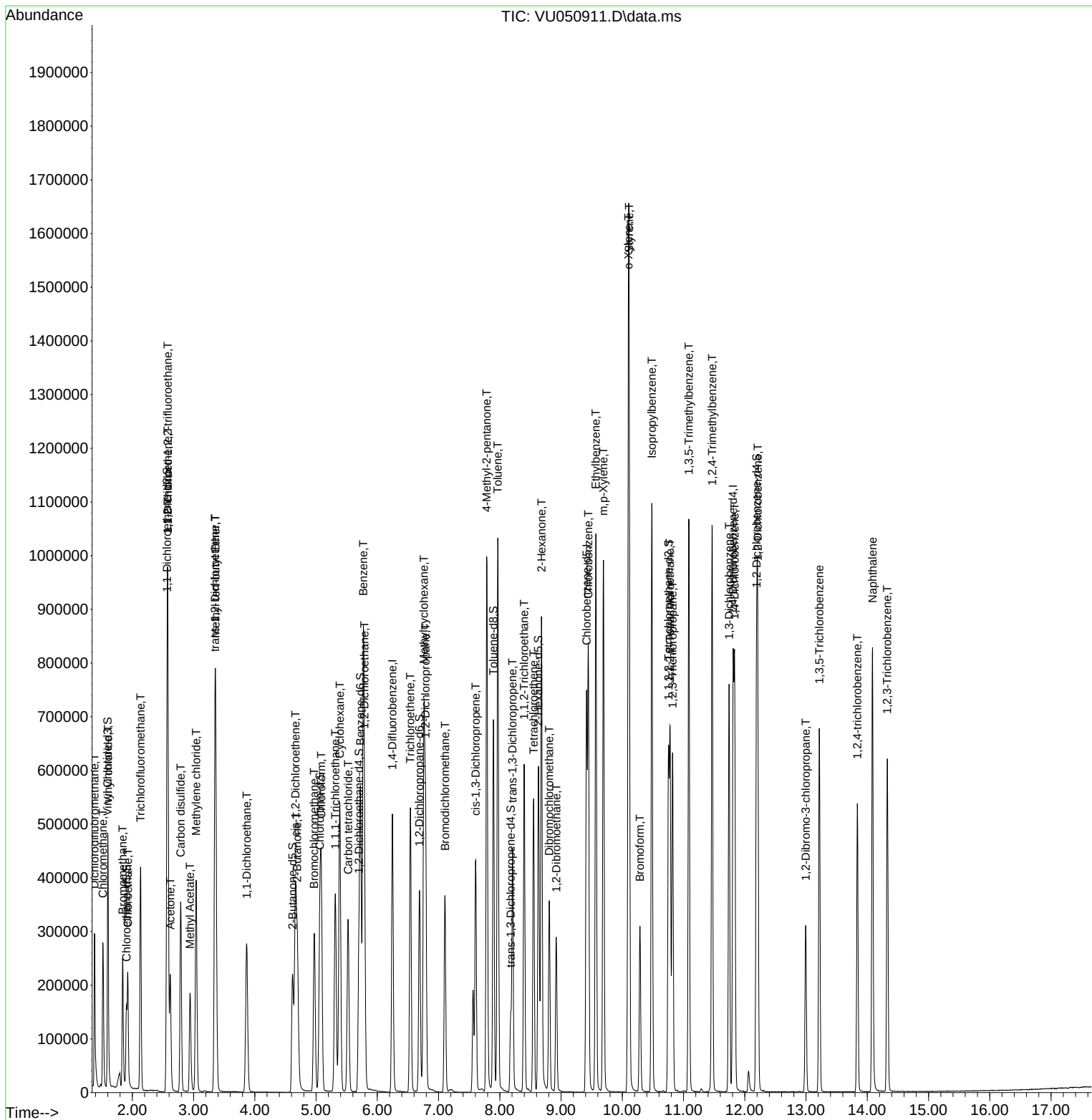
Instrument :
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 ClientSampleId :
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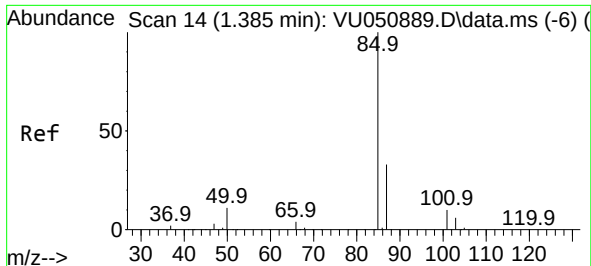
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 QLast Update : Fri Sep 23 01:08:30 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	250674	51.018	ug/L	99
29) Cyclohexane	5.388	56	258915	46.940	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	265587	49.806	ug/L	99
31) Carbon tetrachloride	5.523	117	219137	49.469	ug/L	99
33) Benzene	5.771	78	731298	49.577	ug/L	100
34) Trichloroethene	6.539	95	183169	53.458	ug/L	97
35) Methylcyclohexane	6.761	83	255868	46.346	ug/L	99
37) 1,2-Dichloropropane	6.787	63	197028	48.813	ug/L	100
38) Bromodichloromethane	7.105	83	241420	50.200	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	250930	46.456	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	617863	111.072	ug/L	100
42) Toluene	7.967	91	746238	50.961	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	252592	49.159	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	185623	49.902	ug/L	98
46) Tetrachloroethene	8.552	164	118918	48.296	ug/L	98
48) 2-Hexanone	8.681	43	527420	113.467	ug/L	99
49) Dibromochloromethane	8.809	129	179844	49.309	ug/L	99
50) 1,2-Dibromoethane	8.922	107	195398	50.630	ug/L	98
51) Chlorobenzene	9.446	112	432085	48.333	ug/L	99
52) Ethylbenzene	9.568	91	713318	48.829	ug/L	99
53) m,p-Xylene	9.693	106	274731	50.585	ug/L	99
54) o-Xylene	10.099	106	274094	50.651	ug/L	98
55) Styrene	10.111	104	478071	51.528	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	336370	48.870	ug/L	99
59) Bromoform	10.288	173	138857	49.963	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	269807	49.816	ug/L	100
61) Isopropylbenzene	10.481	105	683906	49.700	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	560518	49.551	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	566897	50.605	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	304443	48.381	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	299548	46.889	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	327279	49.120	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.995	75	80648	54.140	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	203408	46.200	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	163508	45.381	ug/L	99
71) Naphthalene	14.085	128	652351	47.111	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	190223	47.173	ug/L	98

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

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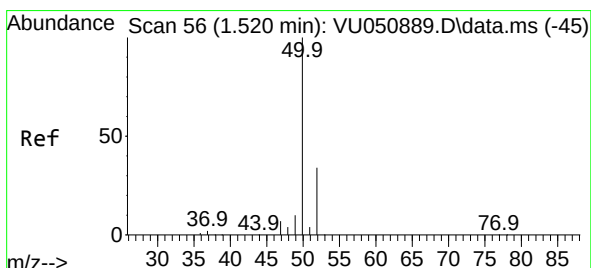
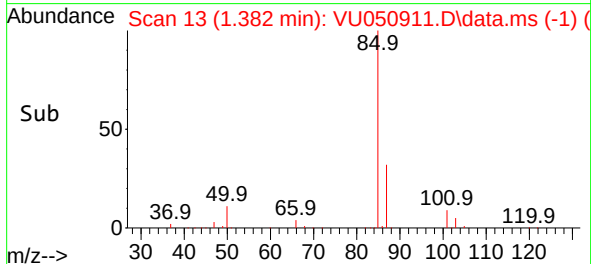
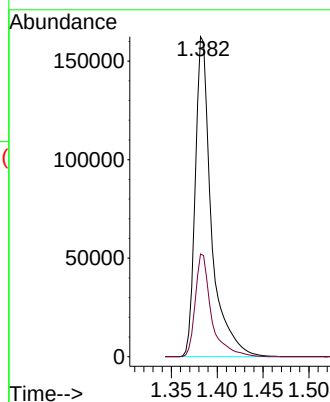
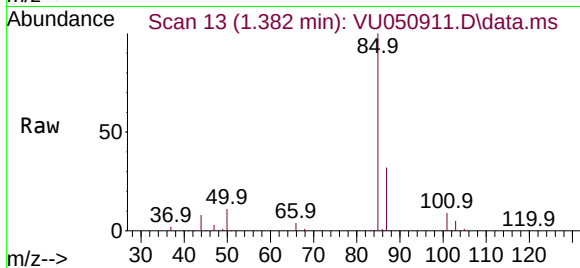




#2
 Dichlorodifluoromethane
 Concen: 46.984 ug/L
 RT: 1.382 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VU050911.D
 Acq: 22 Sep 2022 20:23

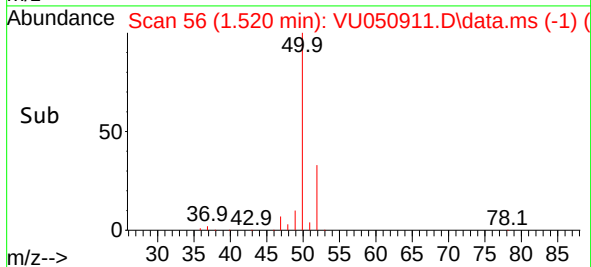
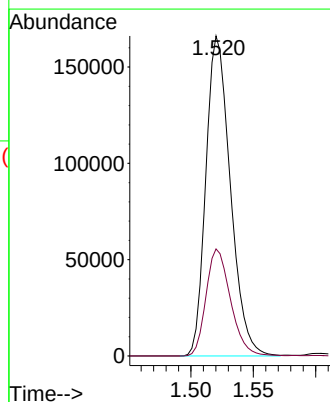
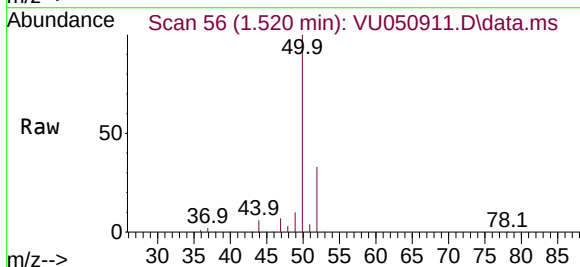
Instrument :
 MSVOA_U
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 E45A0MS

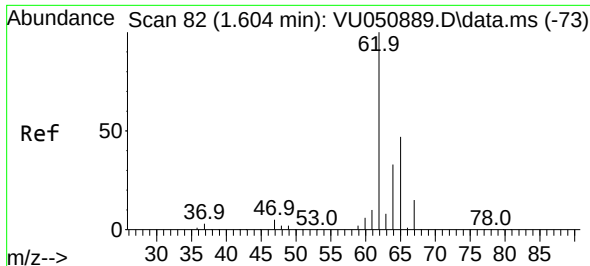
Tgt Ion: 85 Resp: 198234
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.8 38.8



#3
 Chloromethane
 Concen: 46.342 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VU050911.D
 Acq: 22 Sep 2022 20:23

Tgt Ion: 50 Resp: 227306
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.7 43.9

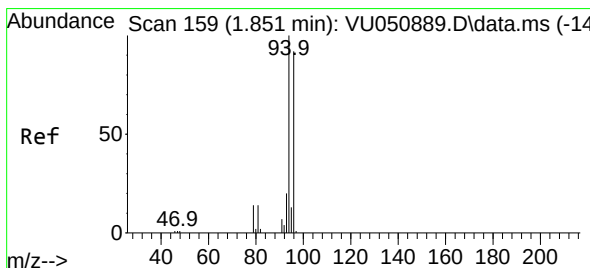
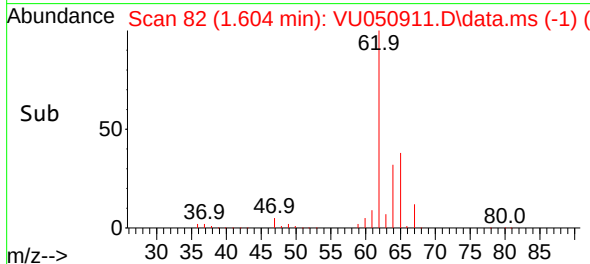
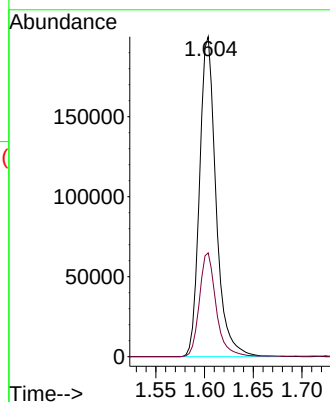
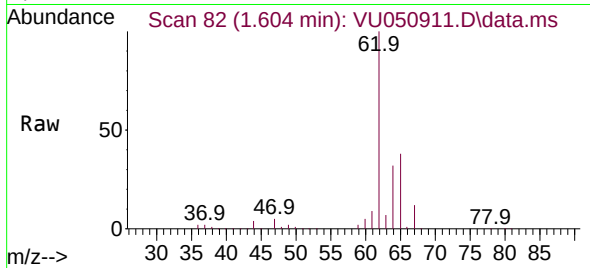




#5
 Vinyl chloride
 Concen: 49.066 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050911.D
 Acq: 22 Sep 2022 20:23

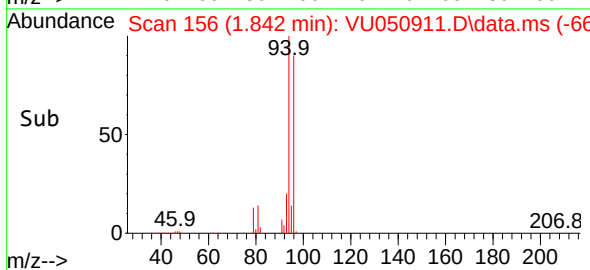
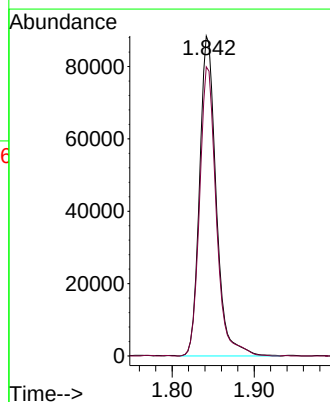
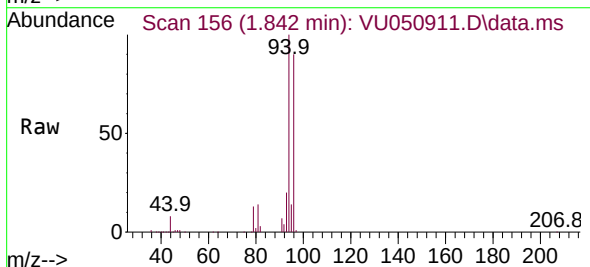
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 ClientSampleId :
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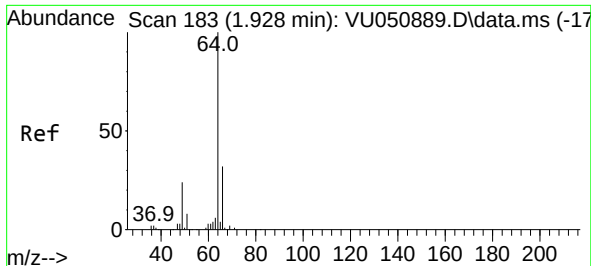
Tgt Ion: 62 Resp: 235610
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.2 41.2



#6
 Bromomethane
 Concen: 51.271 ug/L
 RT: 1.842 min Scan# 156
 Delta R.T. -0.010 min
 Lab File: VU050911.D
 Acq: 22 Sep 2022 20:23

Tgt Ion: 94 Resp: 124379
 Ion Ratio Lower Upper
 94 100
 96 90.3 64.0 119.0

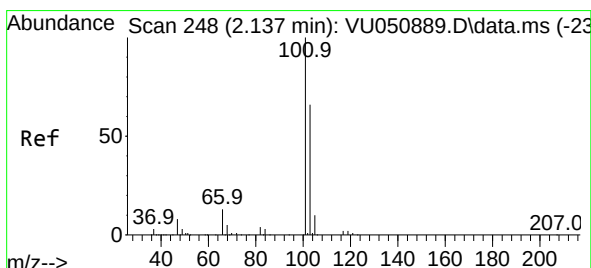
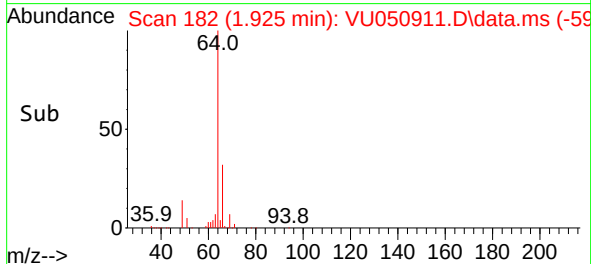
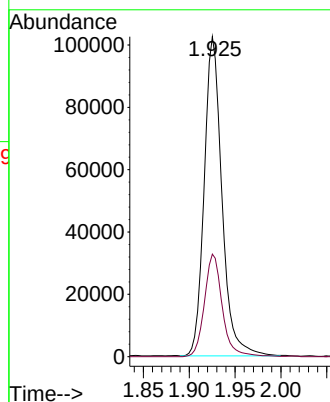
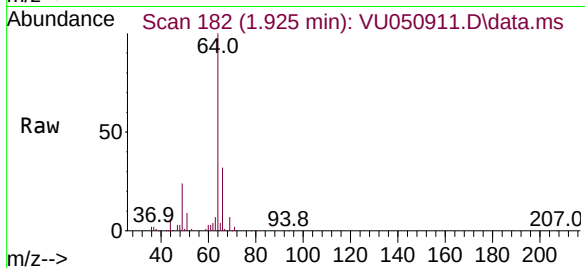




#8
Chloroethane
Concen: 51.801 ug/L
RT: 1.925 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU050911.D
Acq: 22 Sep 2022 20:23

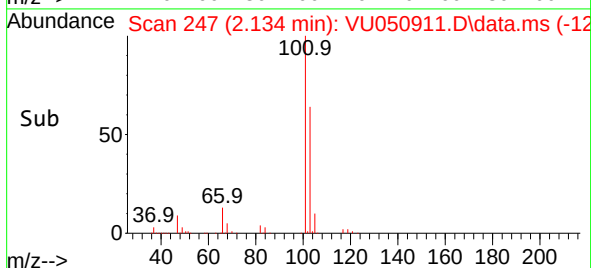
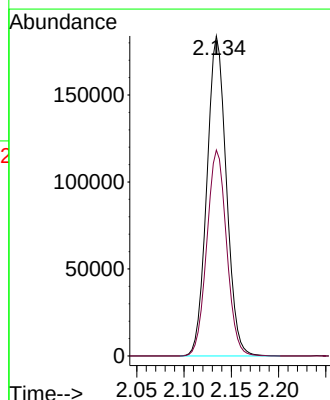
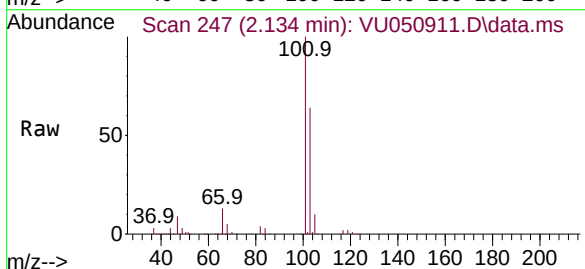
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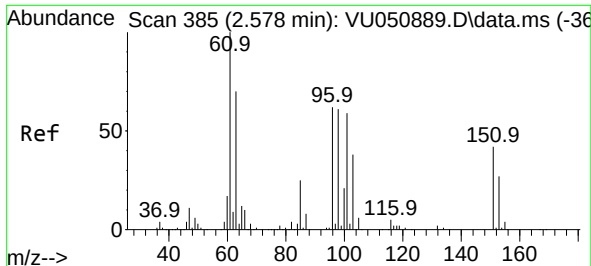
Tgt Ion: 64 Resp: 137722
Ion Ratio Lower Upper
64 100
66 32.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 50.611 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.003 min
Lab File: VU050911.D
Acq: 22 Sep 2022 20:23

Tgt Ion: 101 Resp: 263612
Ion Ratio Lower Upper
101 100
103 65.2 50.9 76.3

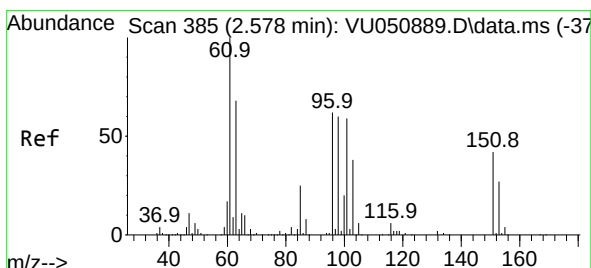
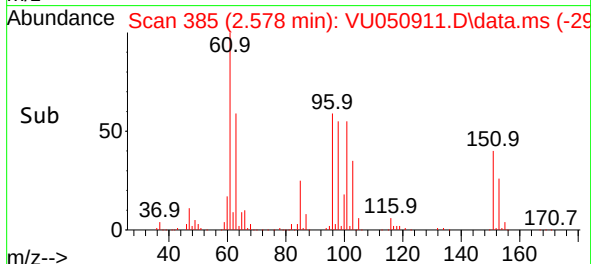
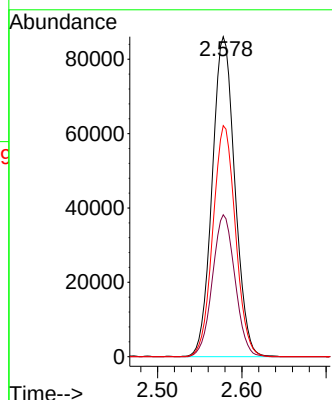
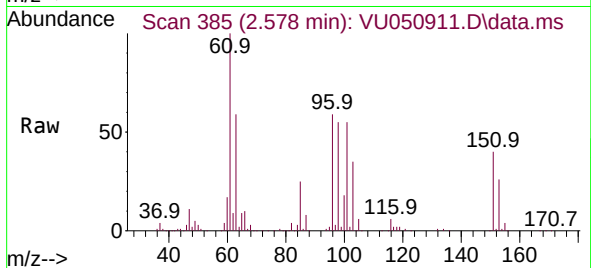




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.282 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU050911.D
 Acq: 22 Sep 2022 20:23

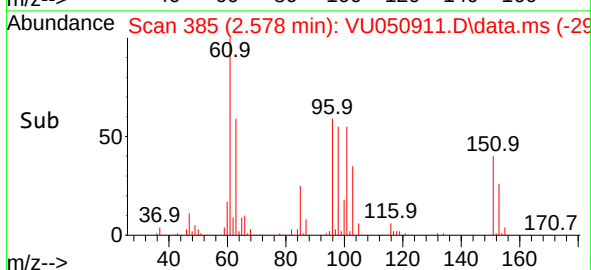
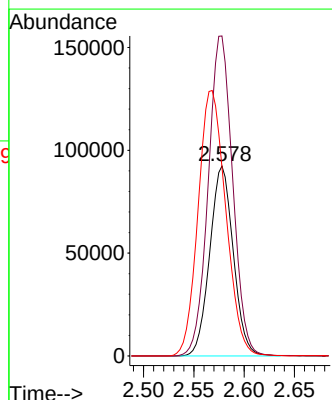
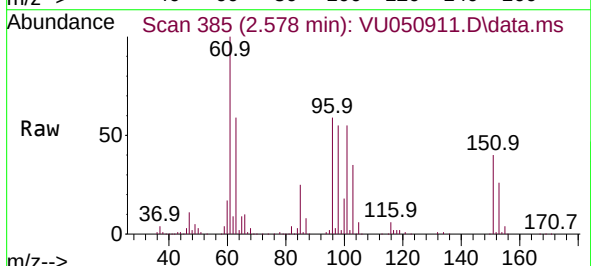
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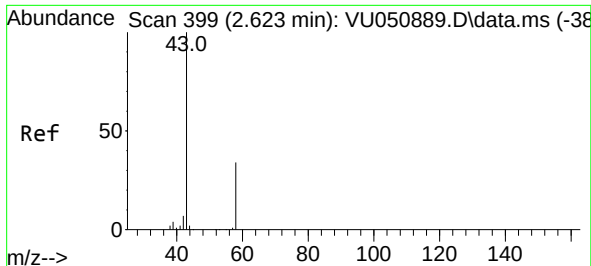
Tgt Ion:101 Resp: 160966
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.1 52.7
 151 71.9 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 48.003 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU050911.D
 Acq: 22 Sep 2022 20:23

Tgt Ion: 96 Resp: 150370
 Ion Ratio Lower Upper
 96 100
 61 168.5 118.6 220.2
 63 99.5 90.4 168.0





#13

Acetone

Concen: 95.413 ug/L

RT: 2.620 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU050911.D

Acq: 22 Sep 2022 20:23

Instrument :

MSVOA_U

ClientSampleId :

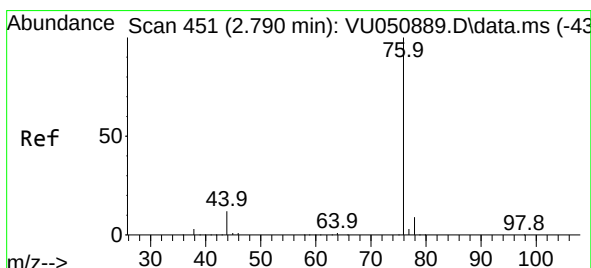
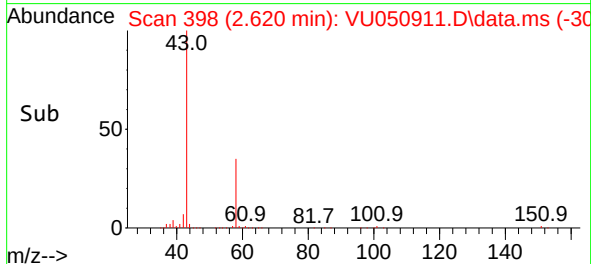
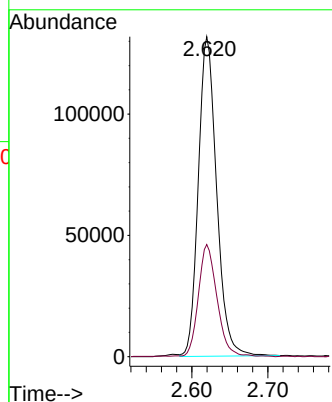
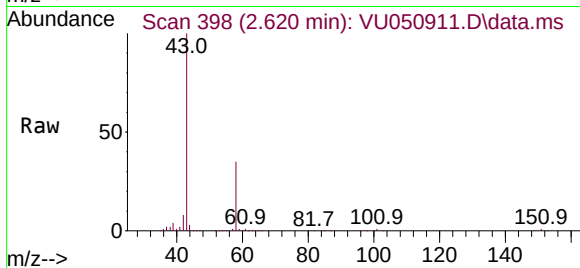
E45A0MS

Tgt Ion: 43 Resp: 220189

Ion Ratio Lower Upper

43 100

58 34.7 0.0 71.4



#14

Carbon disulfide

Concen: 46.972 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU050911.D

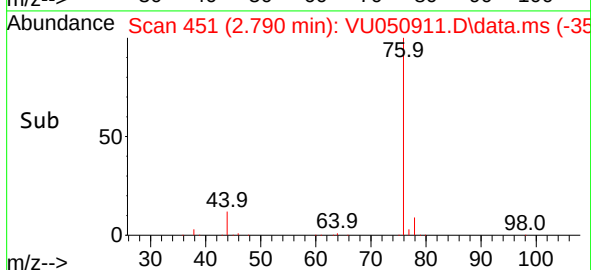
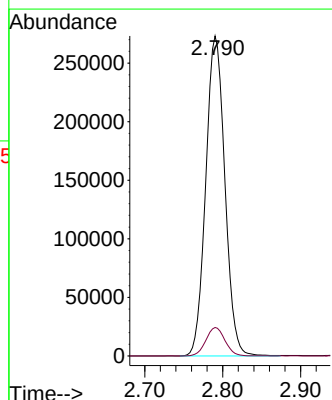
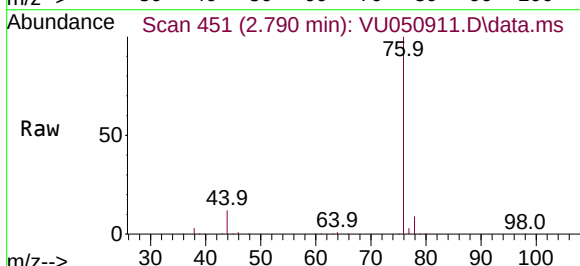
Acq: 22 Sep 2022 20:23

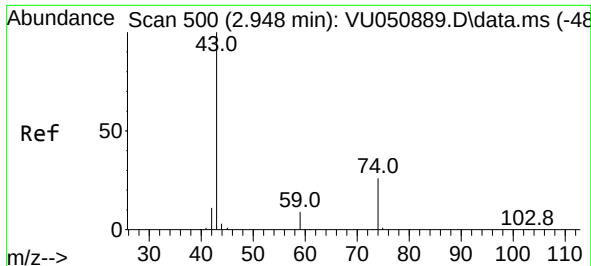
Tgt Ion: 76 Resp: 465281

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3

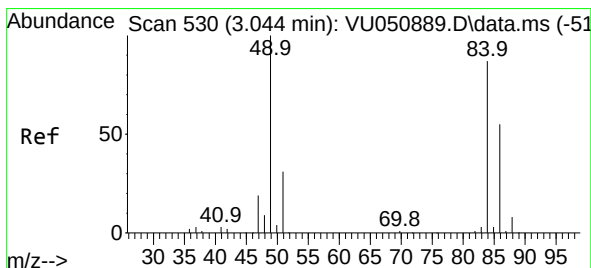
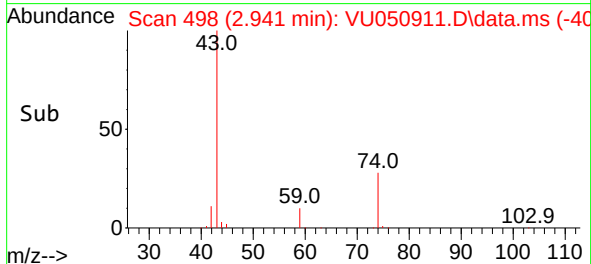
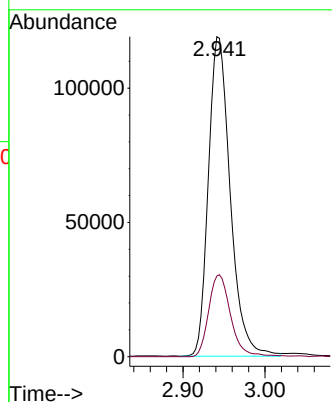
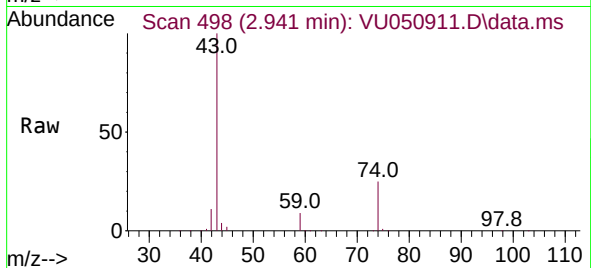




#15
Methyl Acetate
Concen: 50.677 ug/L
RT: 2.941 min Scan# 498
Delta R.T. -0.006 min
Lab File: VU050911.D
Acq: 22 Sep 2022 20:23

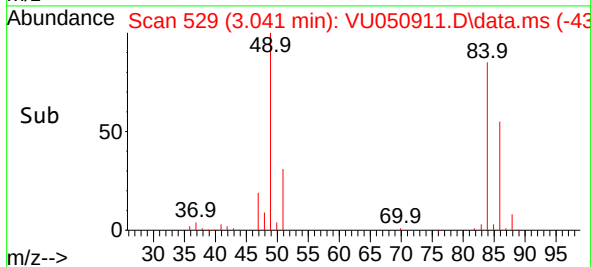
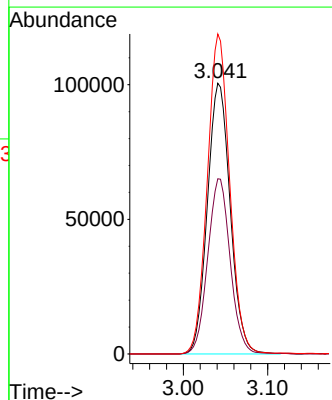
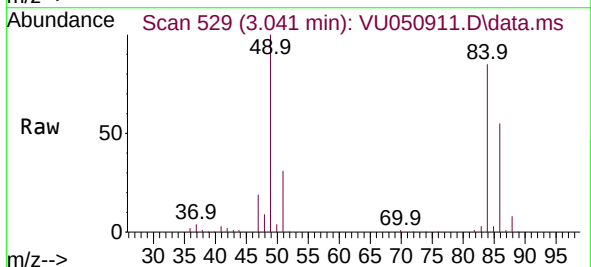
Instrument :
MSVOA_U
ClientSampleId :
E45A0MS

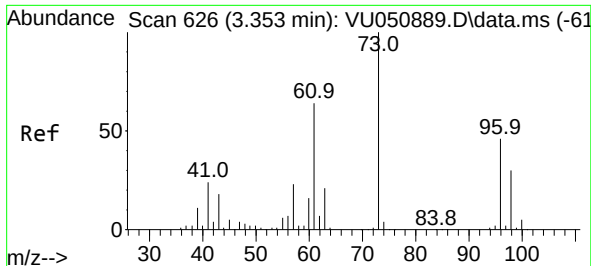
Tgt Ion: 43 Resp: 220704
Ion Ratio Lower Upper
43 100
74 25.8 19.9 29.9



#16
Methylene chloride
Concen: 43.616 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU050911.D
Acq: 22 Sep 2022 20:23

Tgt Ion: 84 Resp: 189711
Ion Ratio Lower Upper
84 100
86 64.7 44.4 82.5
49 118.2 83.3 154.7





#17

trans-1,2-Dichloroethene

Concen: 49.309 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU050911.D

Acq: 22 Sep 2022 20:23

Instrument :

MSVOA_U

ClientSampleId :

E45A0MS

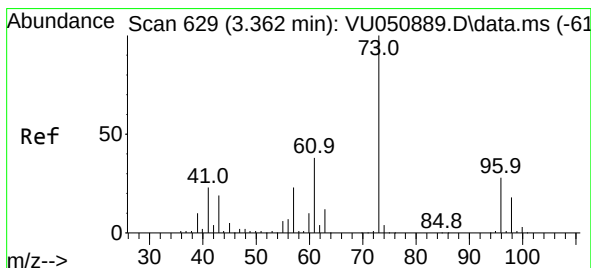
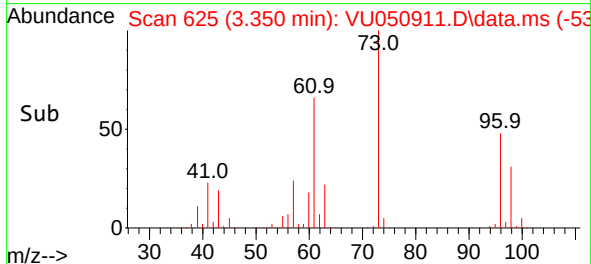
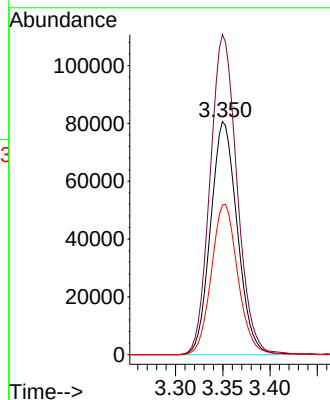
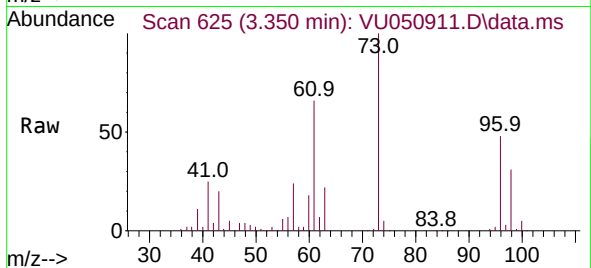
Tgt Ion: 96 Resp: 158315

Ion Ratio Lower Upper

96 100

61 137.3 98.0 182.0

98 64.2 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 49.981 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.003 min

Lab File: VU050911.D

Acq: 22 Sep 2022 20:23

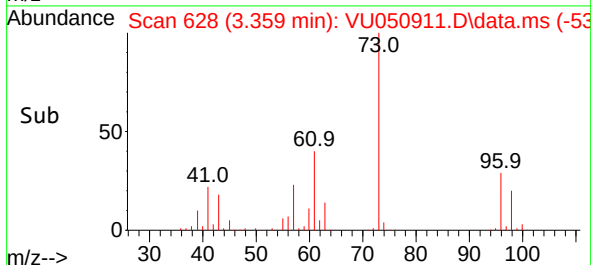
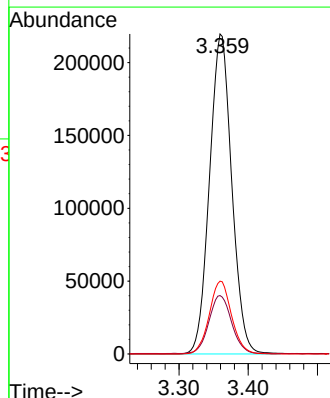
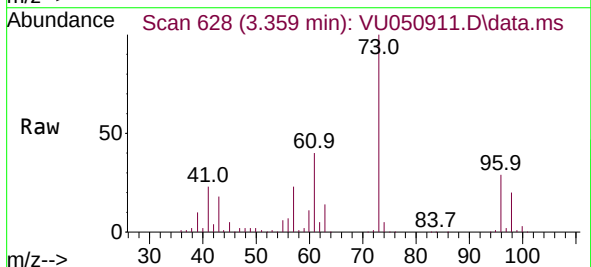
Tgt Ion: 73 Resp: 489206

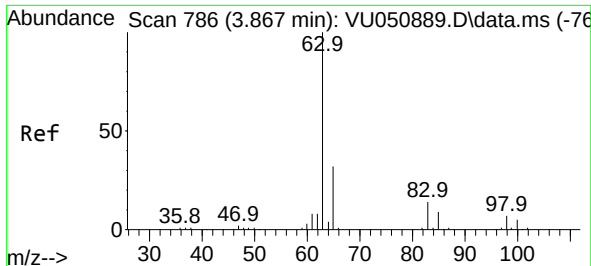
Ion Ratio Lower Upper

73 100

43 18.4 14.4 21.6

57 22.8 18.6 27.8

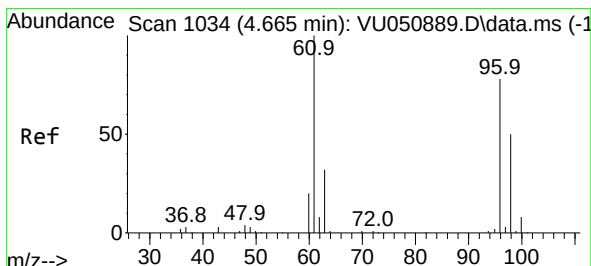
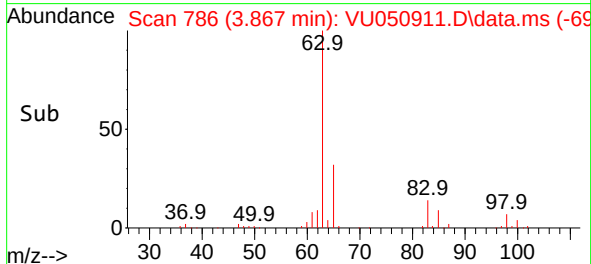
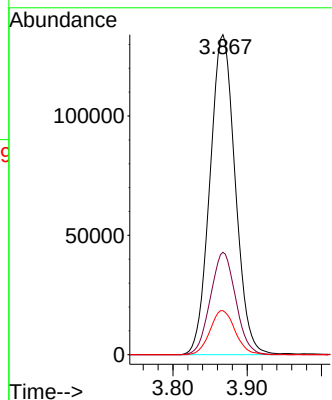
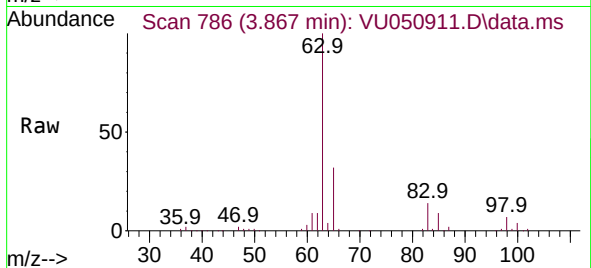




#19
1,1-Dichloroethane
Concen: 48.884 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU050911.D
Acq: 22 Sep 2022 20:23

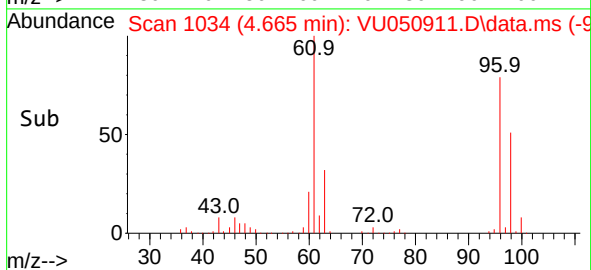
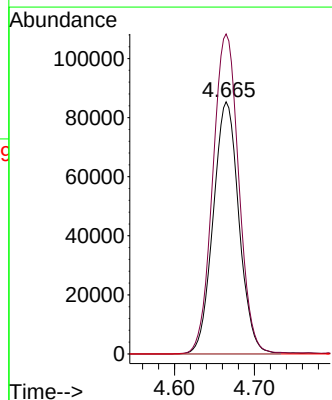
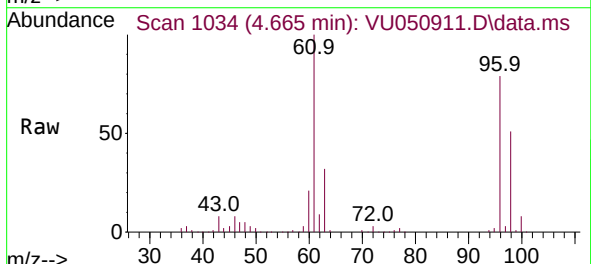
Instrument :
MSVOA_U
ClientSampleId :
E45A0MS

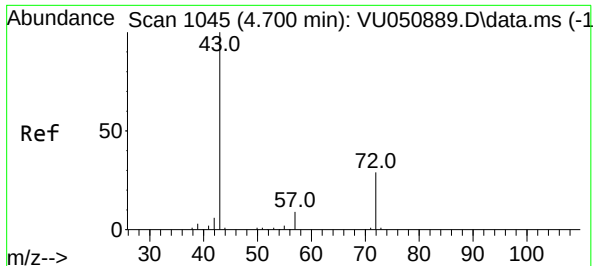
Tgt Ion: 63 Resp: 317129
Ion Ratio Lower Upper
63 100
65 32.0 21.5 39.9
83 13.8 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 53.575 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU050911.D
Acq: 22 Sep 2022 20:23

Tgt Ion: 96 Resp: 190721
Ion Ratio Lower Upper
96 100
61 126.9 90.1 167.3
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 114.714 ug/L

RT: 4.694 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VU050911.D

Acq: 22 Sep 2022 20:23

Instrument :

MSVOA_U

ClientSampleId :

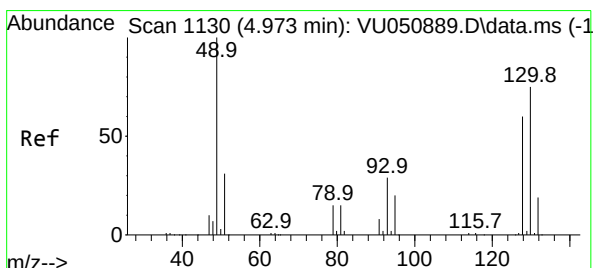
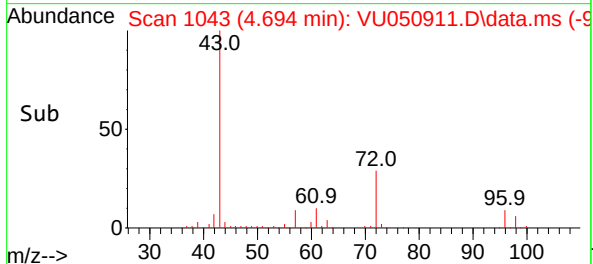
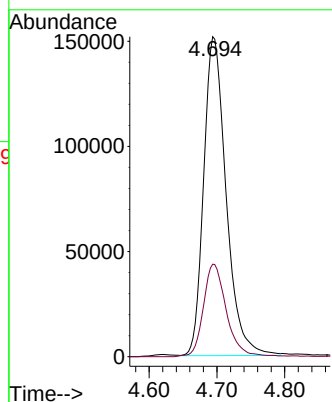
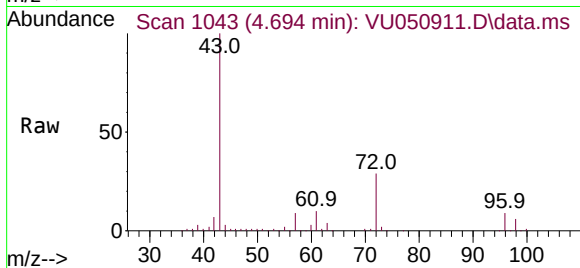
E45A0MS

Tgt Ion: 43 Resp: 348950

Ion Ratio Lower Upper

43 100

72 29.5 14.8 44.3



#23

Bromochloromethane

Concen: 49.779 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VU050911.D

Acq: 22 Sep 2022 20:23

Tgt Ion:128 Resp: 92875

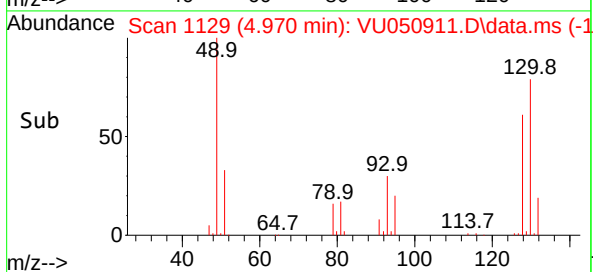
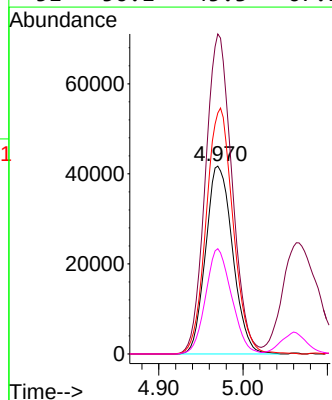
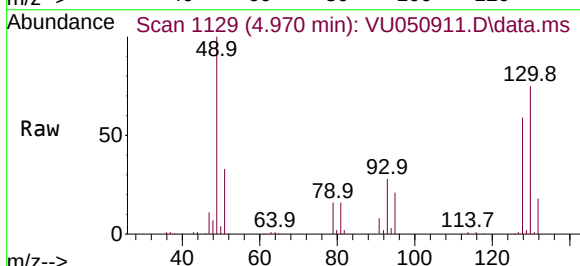
Ion Ratio Lower Upper

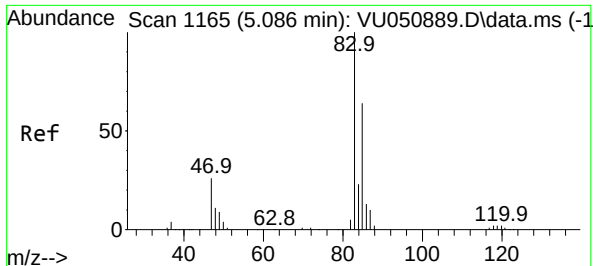
128 100

49 170.3 123.1 228.5

130 128.2 90.9 168.7

51 56.1 45.3 67.9





#25

Chloroform

Concen: 49.903 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU050911.D

Acq: 22 Sep 2022 20:23

Instrument :

MSVOA_U

ClientSampleId :

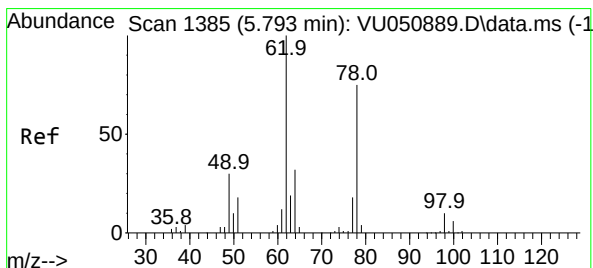
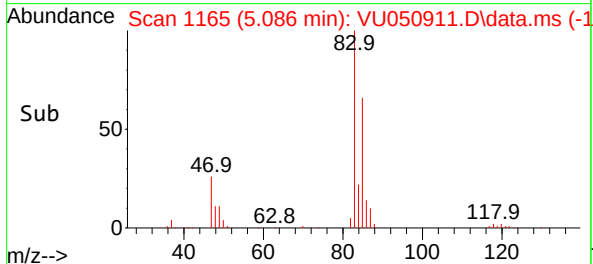
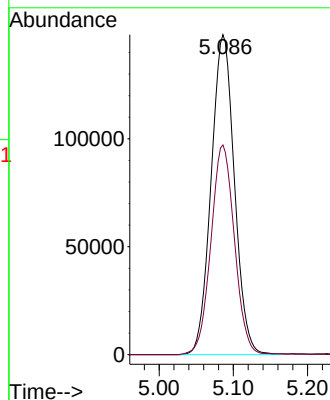
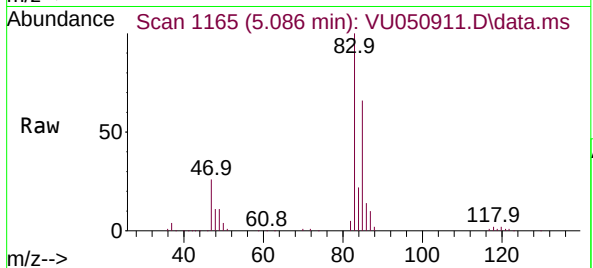
E45A0MS

Tgt Ion: 83 Resp: 322641

Ion Ratio Lower Upper

83 100

85 65.6 45.7 84.9



#27

1,2-Dichloroethane

Concen: 51.018 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.003 min

Lab File: VU050911.D

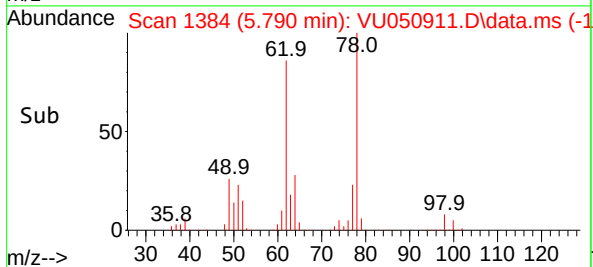
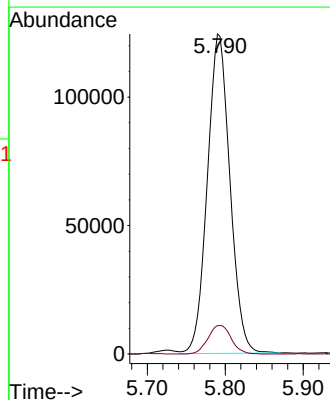
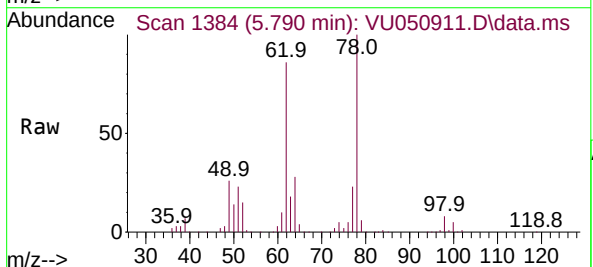
Acq: 22 Sep 2022 20:23

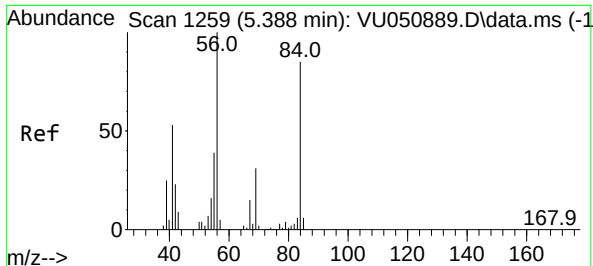
Tgt Ion: 62 Resp: 250674

Ion Ratio Lower Upper

62 100

98 8.9 7.4 11.0





#29

Cyclohexane

Concen: 46.940 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU050911.D

Acq: 22 Sep 2022 20:23

Instrument :

MSVOA_U

ClientSampleId :

E45A0MS

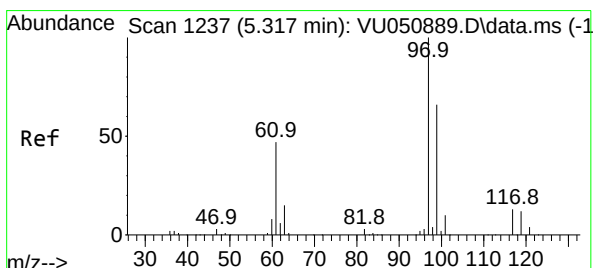
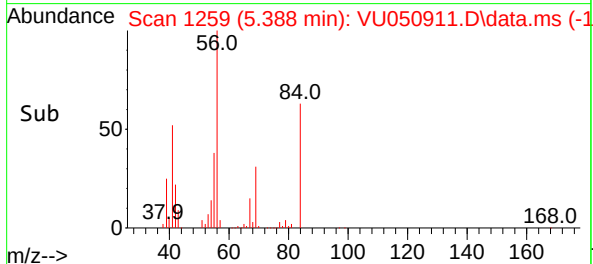
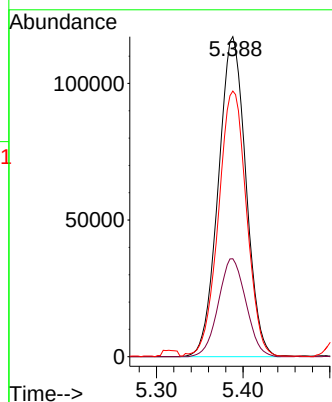
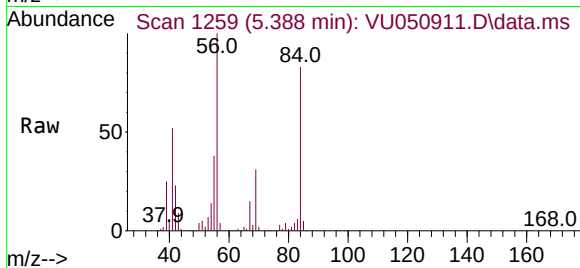
Tgt Ion: 56 Resp: 258915

Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.4

84 83.9 66.4 99.6



#30

1,1,1-Trichloroethane

Concen: 49.806 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU050911.D

Acq: 22 Sep 2022 20:23

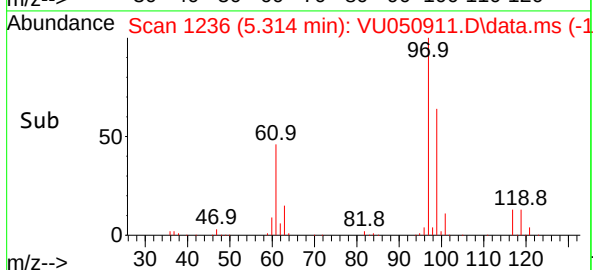
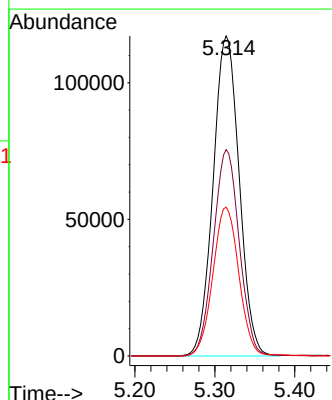
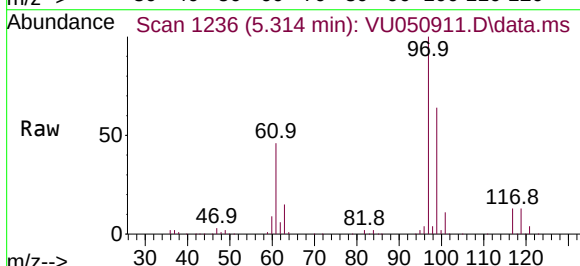
Tgt Ion: 97 Resp: 265587

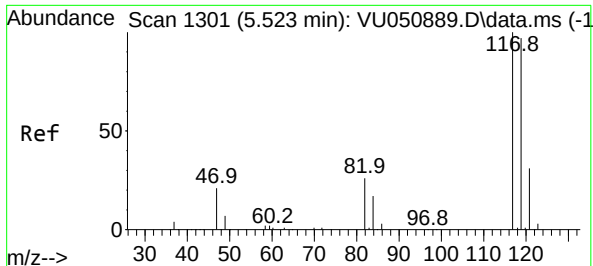
Ion Ratio Lower Upper

97 100

99 64.1 52.2 78.2

61 46.2 37.1 55.7

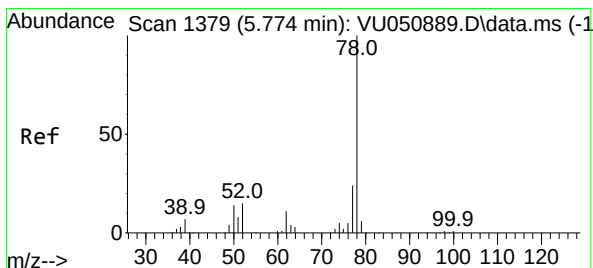
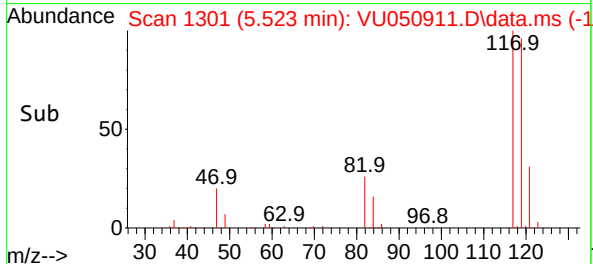
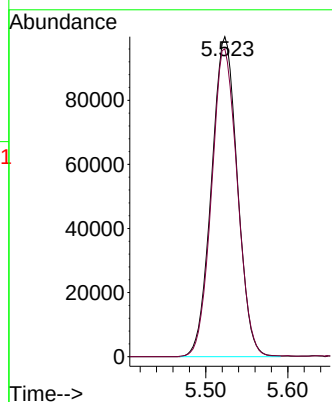
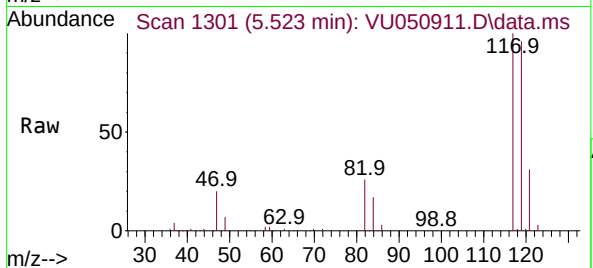




#31
Carbon tetrachloride
Concen: 49.469 ug/L
RT: 5.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050911.D
Acq: 22 Sep 2022 20:23

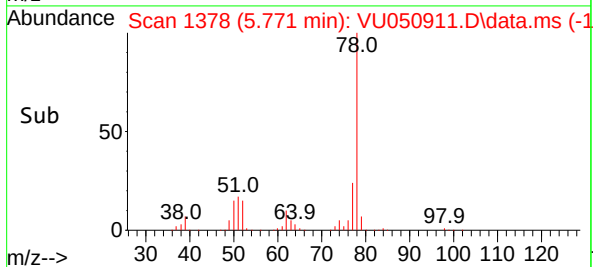
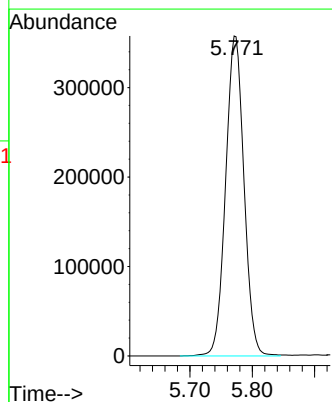
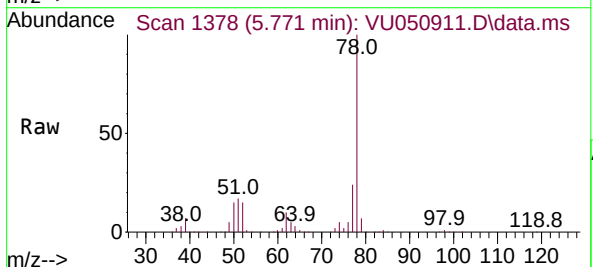
Instrument :
MSVOA_U
ClientSampleId :
E45A0MS

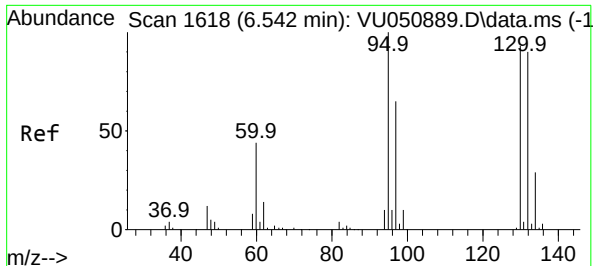
Tgt Ion:117 Resp: 219137
Ion Ratio Lower Upper
117 100
119 95.9 76.0 114.0



#33
Benzene
Concen: 49.577 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU050911.D
Acq: 22 Sep 2022 20:23

Tgt Ion: 78 Resp: 731298

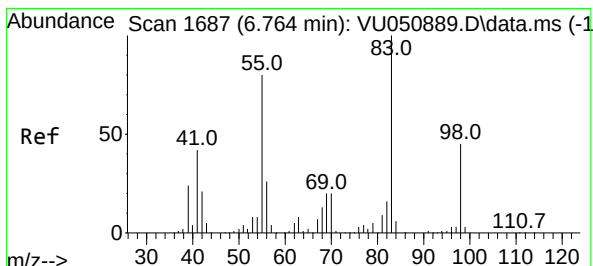
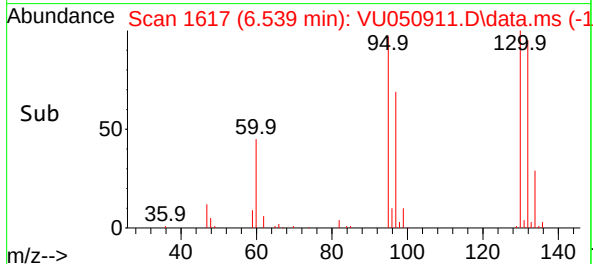
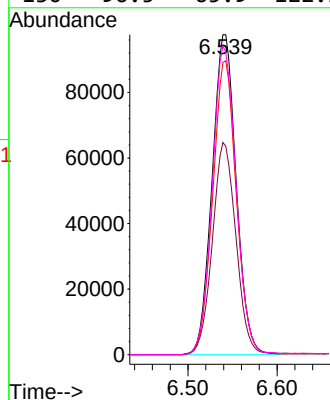
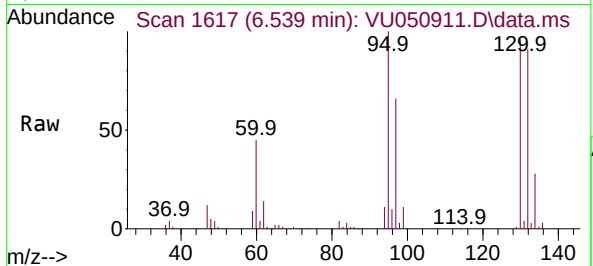




#34
Trichloroethene
Concen: 53.458 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU050911.D
Acq: 22 Sep 2022 20:23

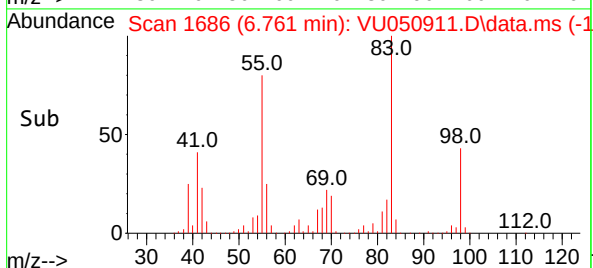
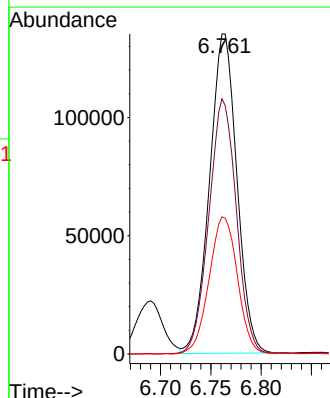
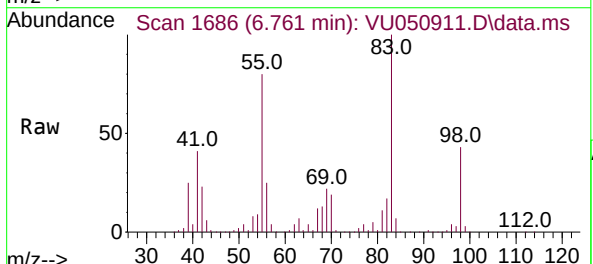
Instrument :
MSVOA_U
ClientSampleId :
E45A0MS

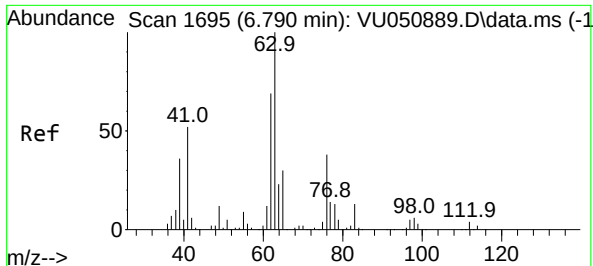
Tgt Ion: 95 Resp: 183169
Ion Ratio Lower Upper
95 100
97 66.3 43.9 81.5
132 91.3 63.1 117.1
130 96.5 65.9 122.3



#35
Methylcyclohexane
Concen: 46.346 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU050911.D
Acq: 22 Sep 2022 20:23

Tgt Ion: 83 Resp: 255868
Ion Ratio Lower Upper
83 100
55 80.3 64.7 97.1
98 44.5 35.2 52.8

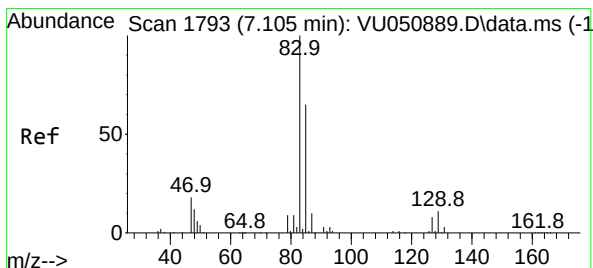
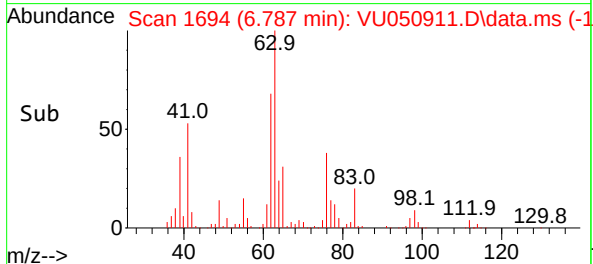
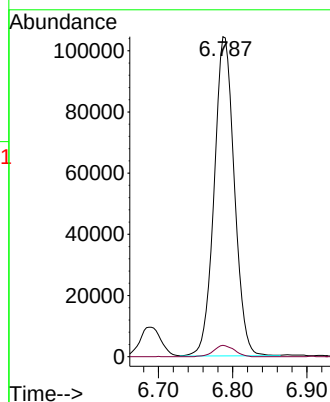
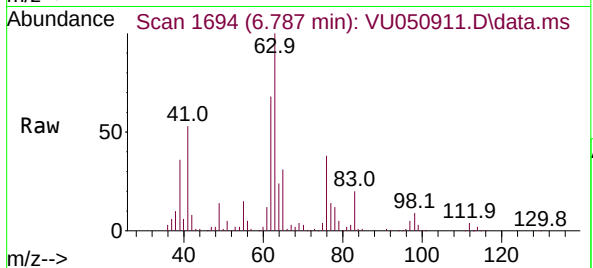




#37
1,2-Dichloropropane
Concen: 48.813 ug/L
RT: 6.787 min Scan# 1694
Delta R.T. -0.003 min
Lab File: VU050911.D
Acq: 22 Sep 2022 20:23

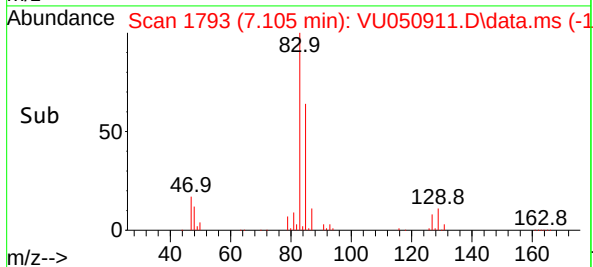
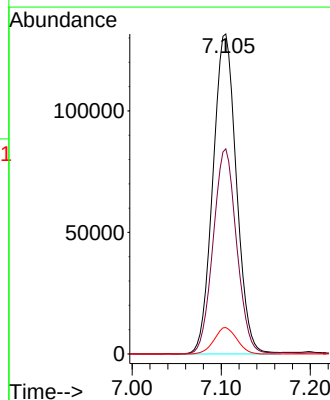
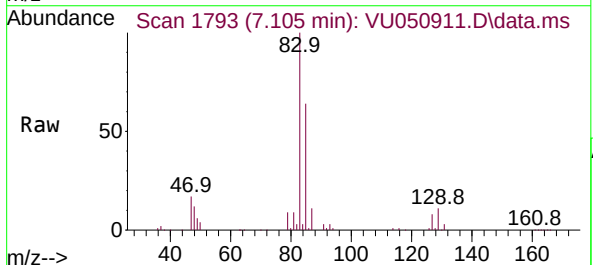
Instrument :
MSVOA_U
ClientSampleId :
E45A0MS

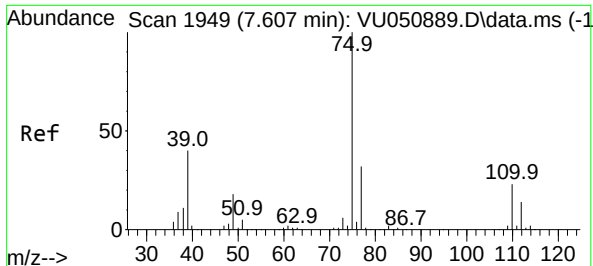
Tgt Ion: 63 Resp: 197028
Ion Ratio Lower Upper
63 100
112 3.6 2.9 4.3



#38
Bromodichloromethane
Concen: 50.200 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU050911.D
Acq: 22 Sep 2022 20:23

Tgt Ion: 83 Resp: 241420
Ion Ratio Lower Upper
83 100
85 64.1 44.3 82.3
127 8.3 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 46.456 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050911.D

Acq: 22 Sep 2022 20:23

Instrument :

MSVOA_U

ClientSampleId :

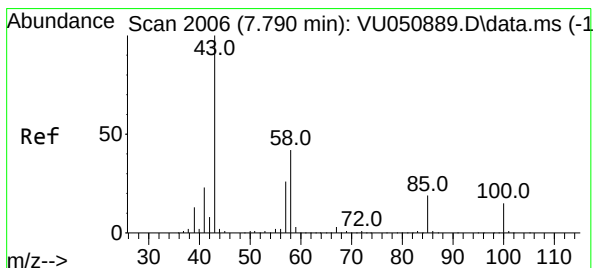
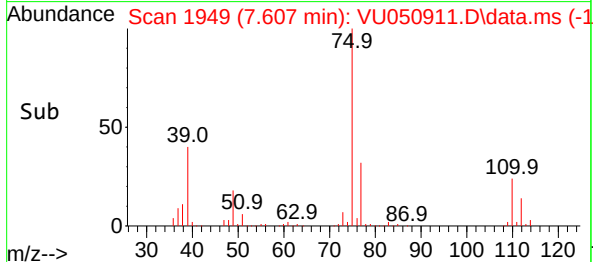
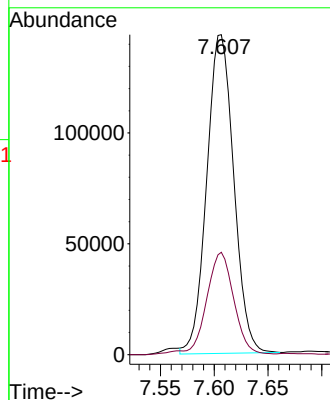
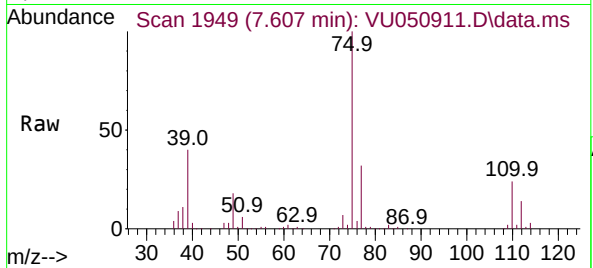
E45A0MS

Tgt Ion: 75 Resp: 250930

Ion Ratio Lower Upper

75 100

77 32.0 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 111.072 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU050911.D

Acq: 22 Sep 2022 20:23

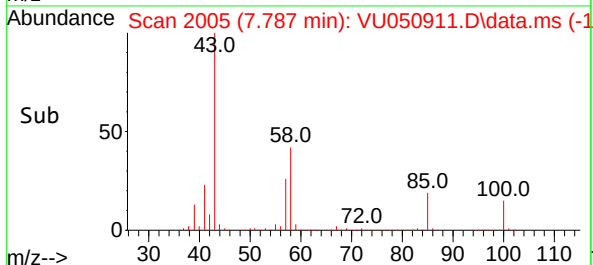
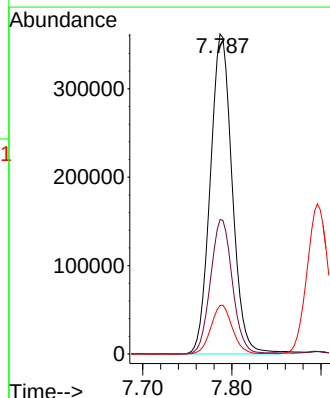
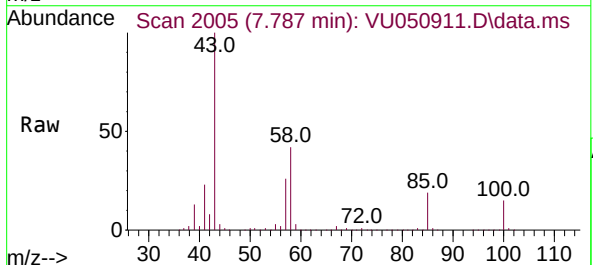
Tgt Ion: 43 Resp: 617863

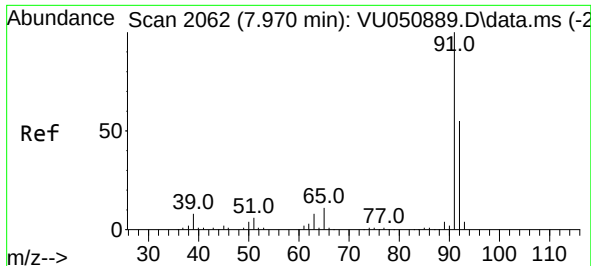
Ion Ratio Lower Upper

43 100

58 42.0 33.8 50.6

100 15.0 12.0 18.0





#42

Toluene

Concen: 50.961 ug/L

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU050911.D

Acq: 22 Sep 2022 20:23

Instrument :

MSVOA_U

ClientSampleId :

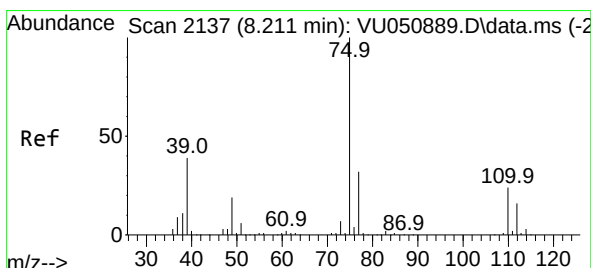
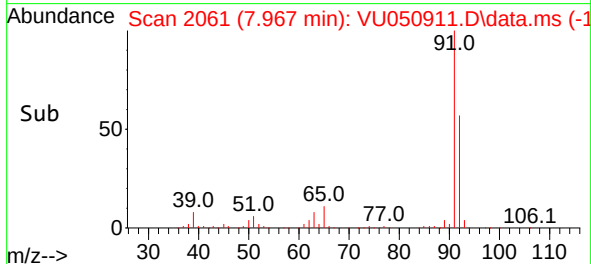
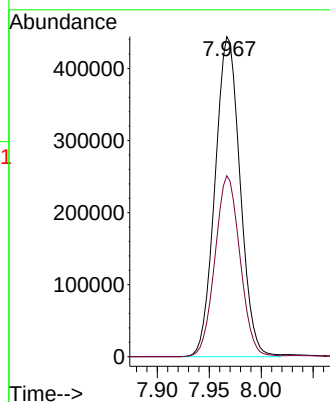
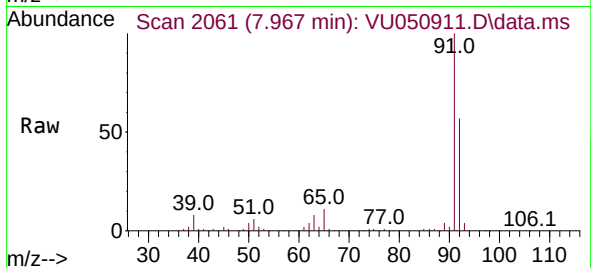
E45A0MS

Tgt Ion: 91 Resp: 746238

Ion Ratio Lower Upper

91 100

92 56.5 39.1 72.5



#44

trans-1,3-Dichloropropene

Concen: 49.159 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU050911.D

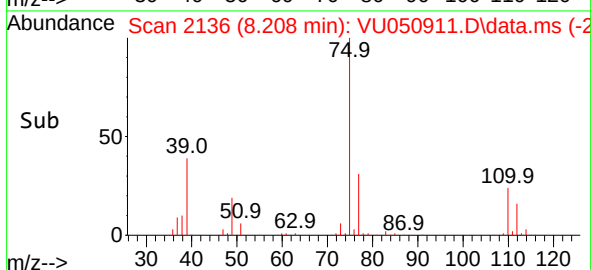
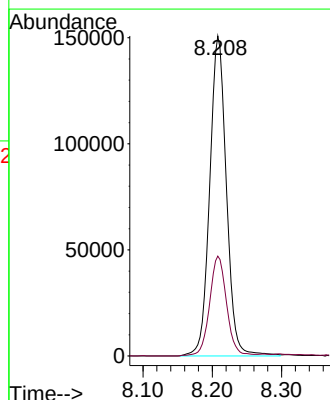
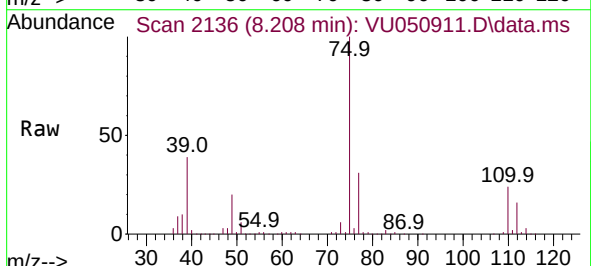
Acq: 22 Sep 2022 20:23

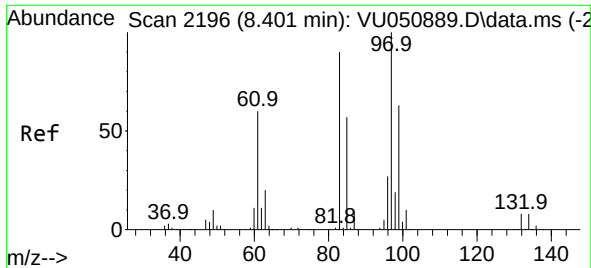
Tgt Ion: 75 Resp: 252592

Ion Ratio Lower Upper

75 100

77 31.2 21.9 40.7



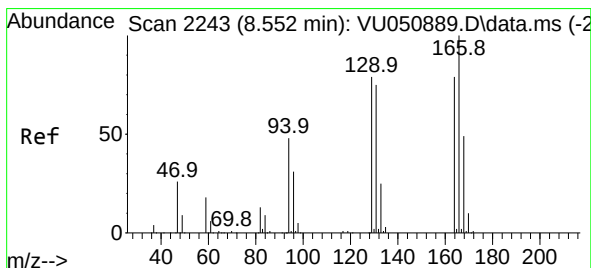
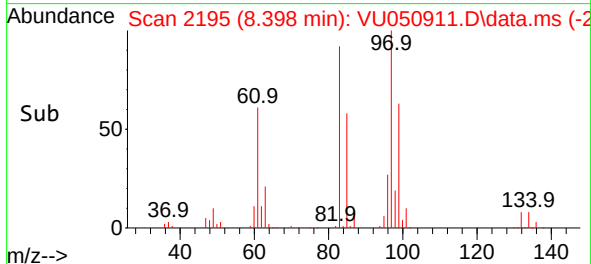
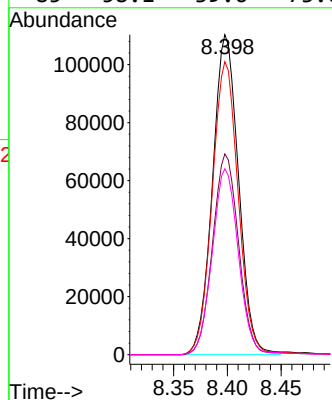
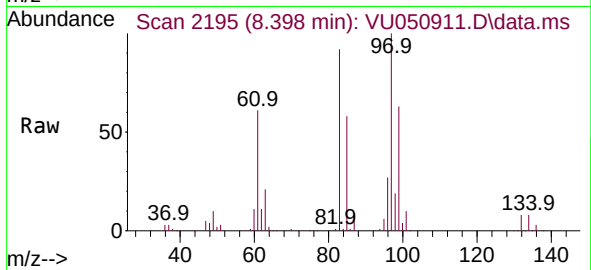


#45
1,1,2-Trichloroethane
Concen: 49.902 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VU050911.D
Acq: 22 Sep 2022 20:23

Instrument :
MSVOA_U
ClientSampleId :
E45A0MS

Tgt Ion: 97 Resp: 185623

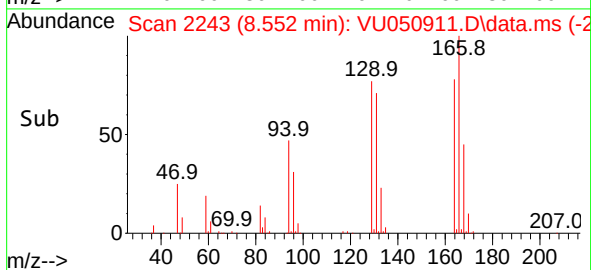
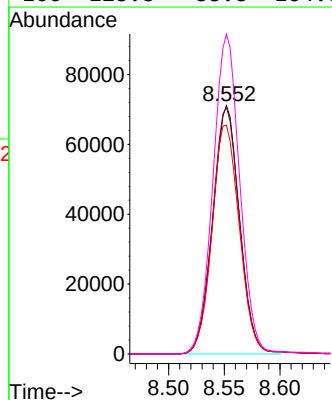
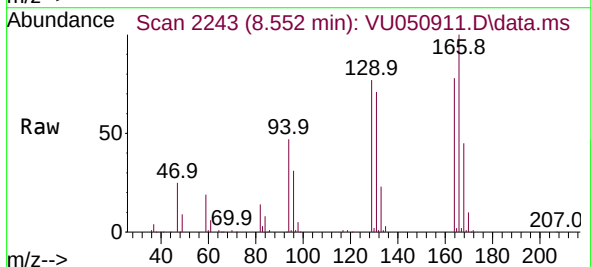
Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.8	81.4
83	91.5	62.6	116.3
85	58.1	39.6	73.6

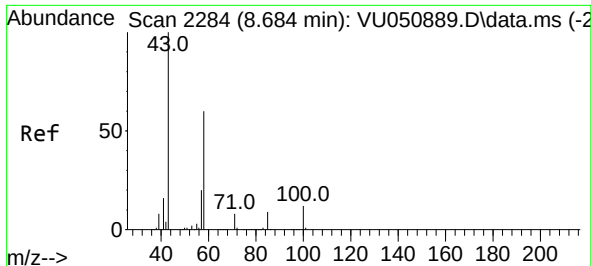


#46
Tetrachloroethene
Concen: 48.296 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050911.D
Acq: 22 Sep 2022 20:23

Tgt Ion: 164 Resp: 118918

Ion	Ratio	Lower	Upper
164	100		
129	99.3	68.5	127.3
131	92.1	66.1	122.7
166	128.8	88.8	164.8

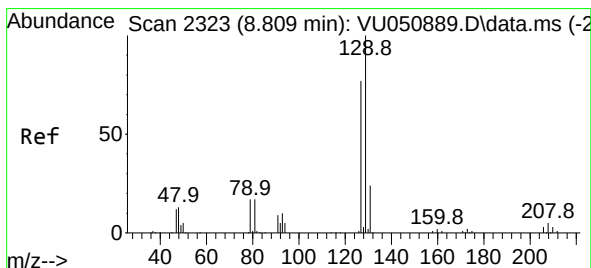
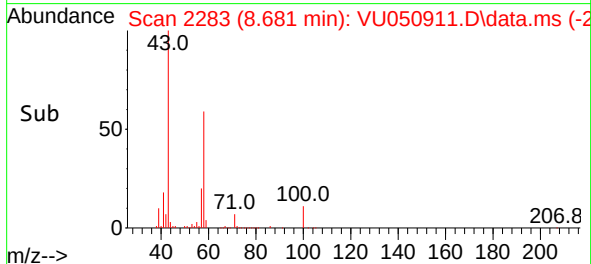
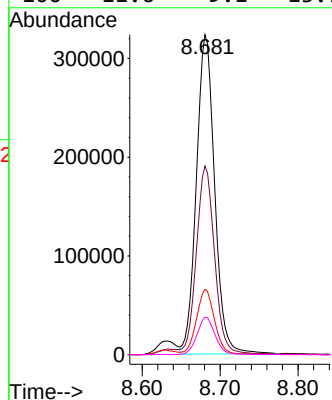
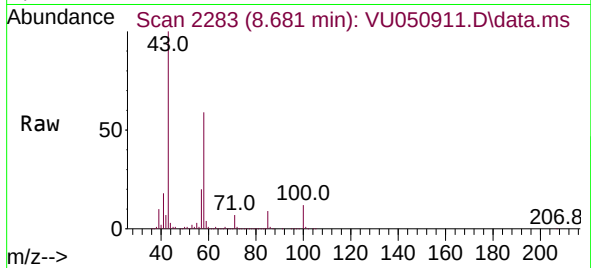




#48
2-Hexanone
Concen: 113.467 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050911.D
Acq: 22 Sep 2022 20:23

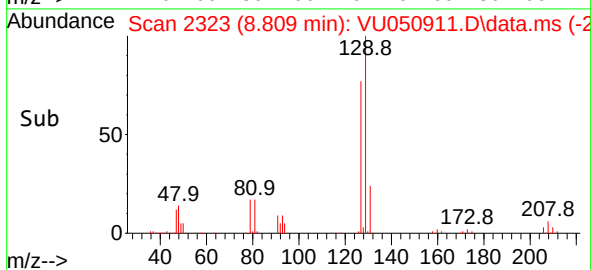
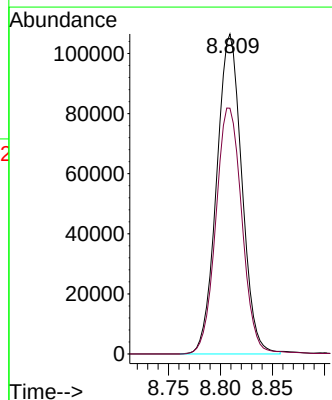
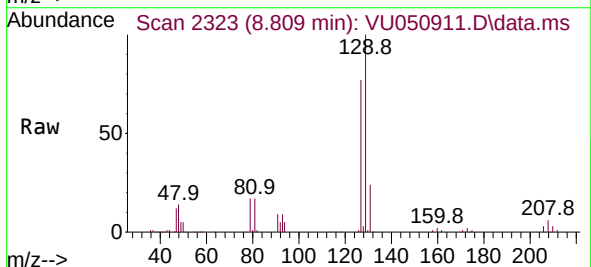
Instrument :
MSVOA_U
ClientSampleId :
E45A0MS

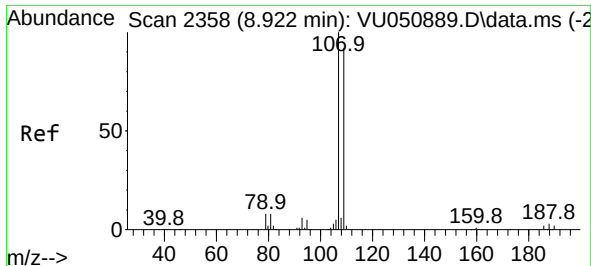
Tgt Ion: 43 Resp: 527420
Ion Ratio Lower Upper
43 100
58 57.9 47.2 70.8
57 20.1 16.2 24.4
100 11.6 9.1 13.7



#49
Dibromochloromethane
Concen: 49.309 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050911.D
Acq: 22 Sep 2022 20:23

Tgt Ion: 129 Resp: 179844
Ion Ratio Lower Upper
129 100
127 76.8 54.5 101.1

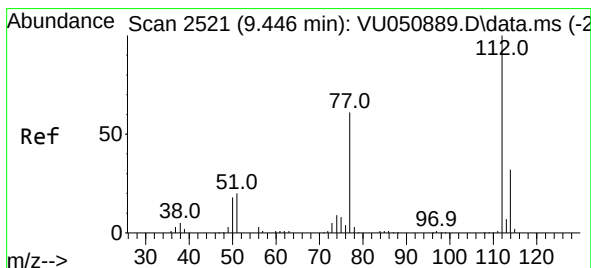
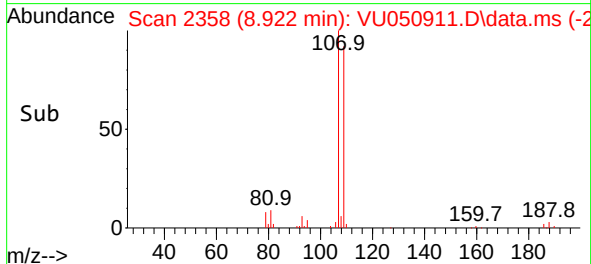
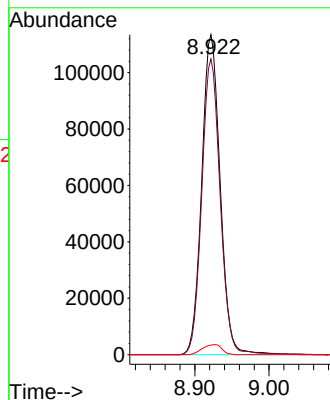
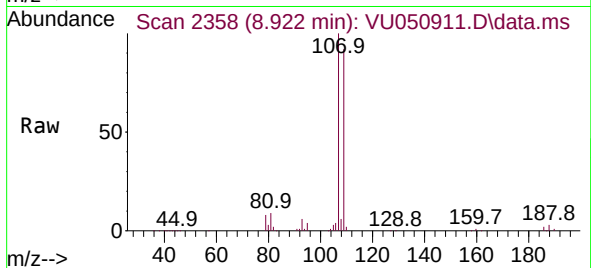




#50
1,2-Dibromoethane
Concen: 50.630 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050911.D
Acq: 22 Sep 2022 20:23

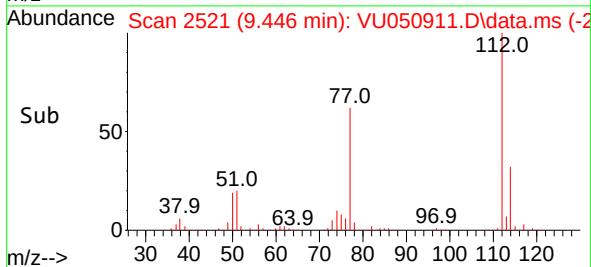
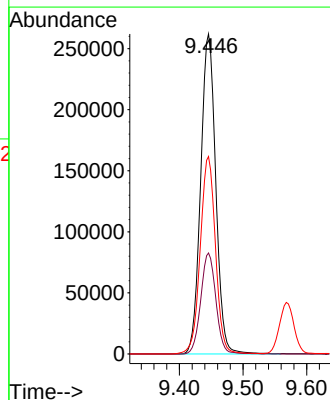
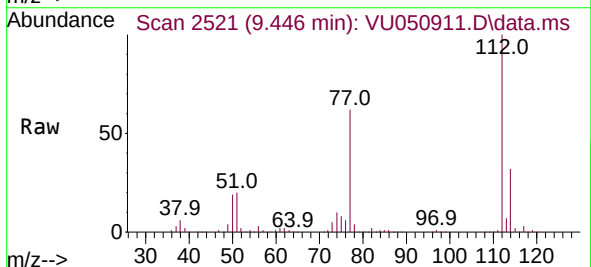
Instrument :
MSVOA_U
ClientSampleId :
E45A0MS

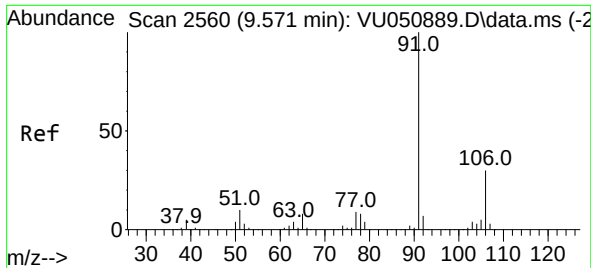
Tgt Ion:107 Resp: 195398
Ion Ratio Lower Upper
107 100
109 92.4 66.0 122.6
188 3.0 2.5 3.7



#51
Chlorobenzene
Concen: 48.333 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU050911.D
Acq: 22 Sep 2022 20:23

Tgt Ion:112 Resp: 432085
Ion Ratio Lower Upper
112 100
114 31.5 22.3 41.3
77 61.7 49.8 74.8

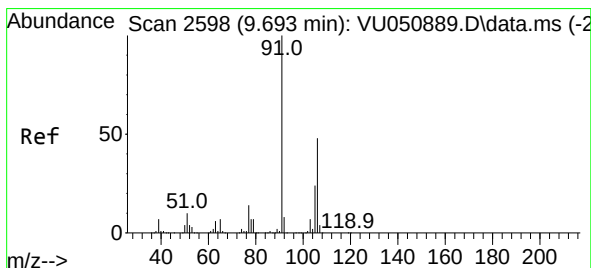
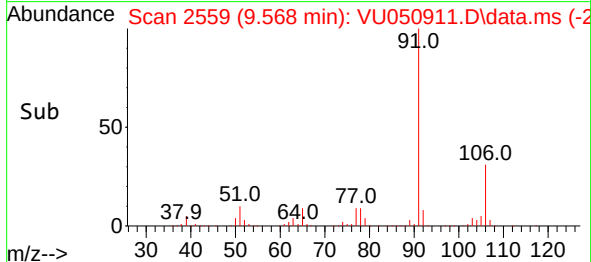
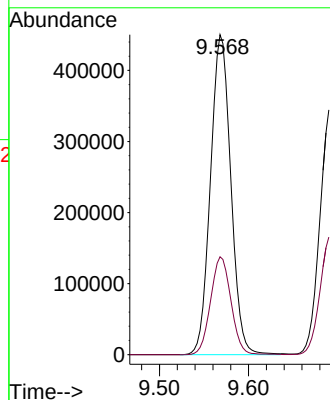
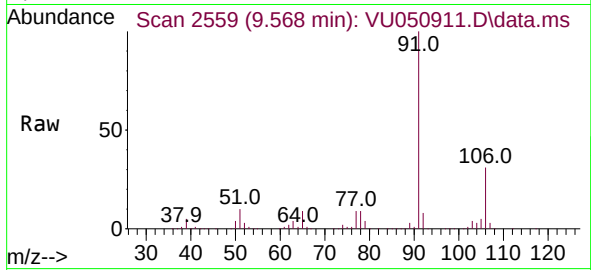




#52
Ethylbenzene
Concen: 48.829 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU050911.D
Acq: 22 Sep 2022 20:23

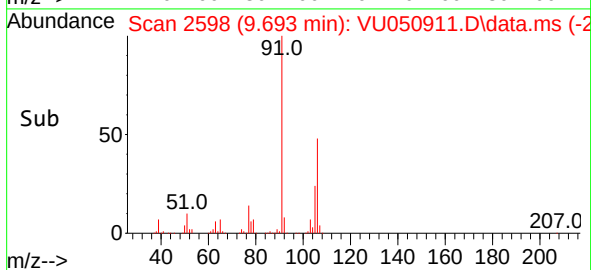
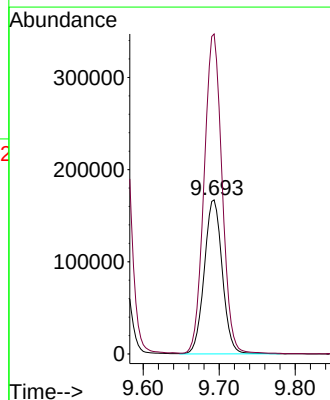
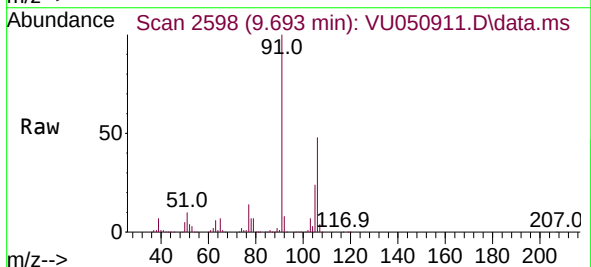
Instrument :
MSVOA_U
ClientSampleId :
E45A0MS

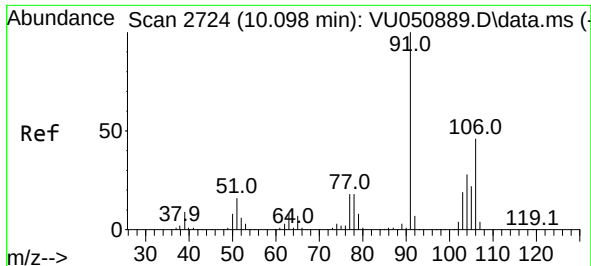
Tgt Ion: 91 Resp: 713318
Ion Ratio Lower Upper
91 100
106 30.6 21.0 39.0



#53
m,p-Xylene
Concen: 50.585 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050911.D
Acq: 22 Sep 2022 20:23

Tgt Ion: 106 Resp: 274731
Ion Ratio Lower Upper
106 100
91 207.7 144.0 267.4

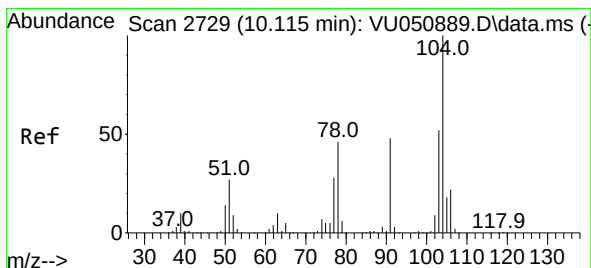
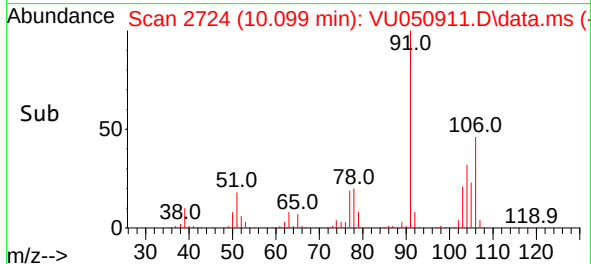
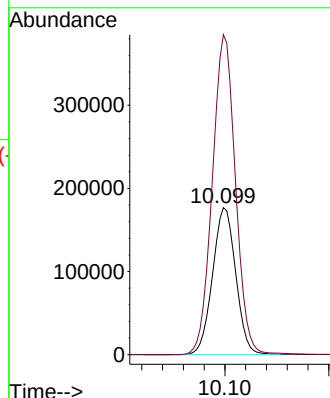
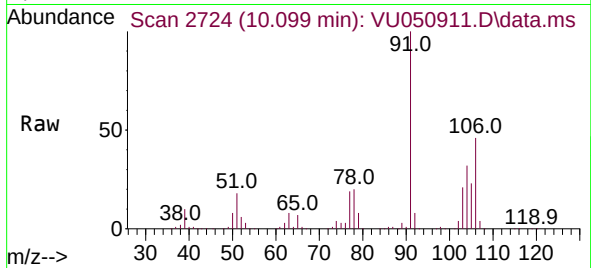




#54
o-Xylene
Concen: 50.651 ug/L
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050911.D
Acq: 22 Sep 2022 20:23

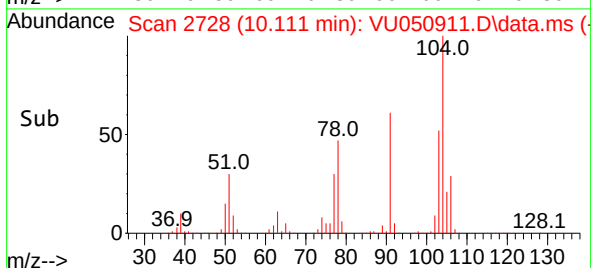
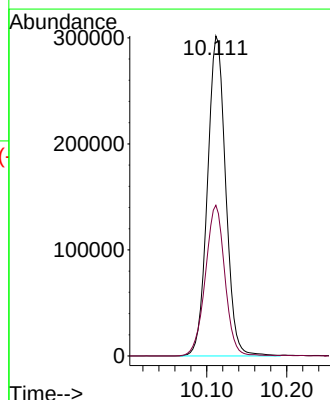
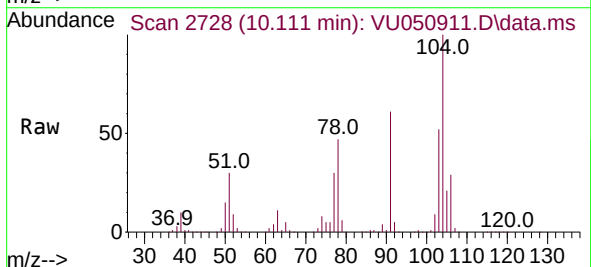
Instrument :
MSVOA_U
ClientSampleId :
E45A0MS

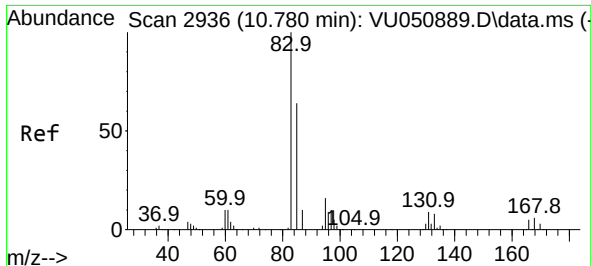
Tgt Ion:106 Resp: 274094
Ion Ratio Lower Upper
106 100
91 217.6 154.6 287.0



#55
Styrene
Concen: 51.528 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VU050911.D
Acq: 22 Sep 2022 20:23

Tgt Ion:104 Resp: 478071
Ion Ratio Lower Upper
104 100
78 47.1 32.4 60.2

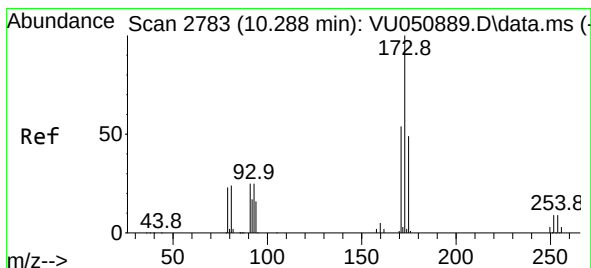
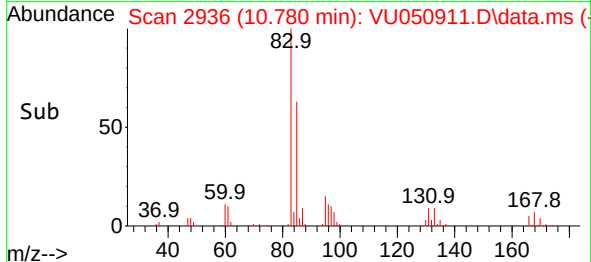
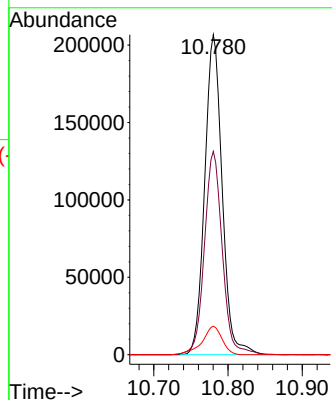
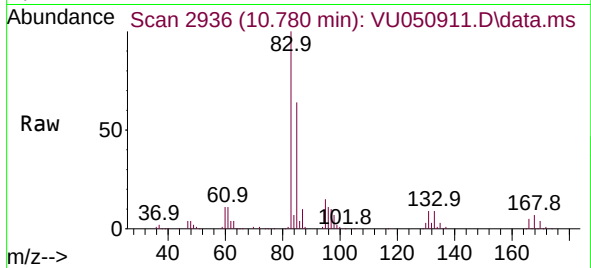




#57
 1,1,2,2-Tetrachloroethane
 Concen: 48.870 ug/L
 RT: 10.780 min Scan# 2936
 Delta R.T. 0.000 min
 Lab File: VU050911.D
 Acq: 22 Sep 2022 20:23

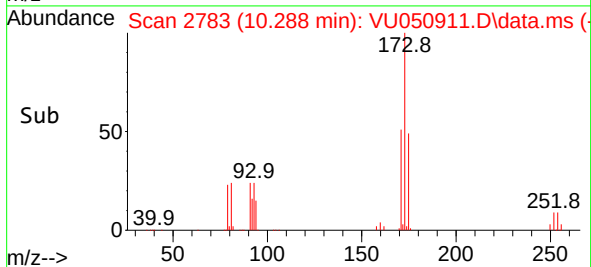
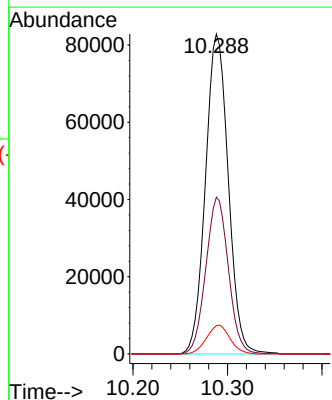
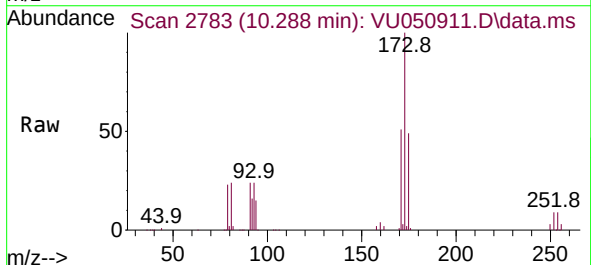
Instrument :
 MSVOA_U
 ClientSampleId :
 E45A0MS

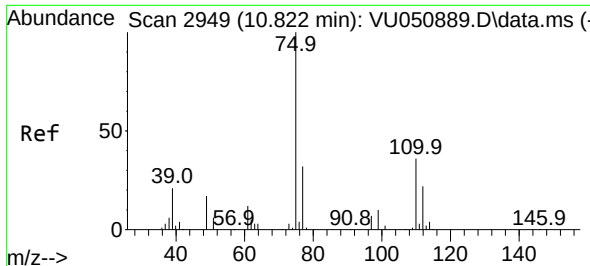
Tgt Ion: 83 Resp: 336370
 Ion Ratio Lower Upper
 83 100
 85 63.5 45.1 83.9
 131 8.9 7.1 10.7



#59
 Bromoform
 Concen: 49.963 ug/L
 RT: 10.288 min Scan# 2783
 Delta R.T. 0.000 min
 Lab File: VU050911.D
 Acq: 22 Sep 2022 20:23

Tgt Ion:173 Resp: 138857
 Ion Ratio Lower Upper
 173 100
 175 48.4 37.8 56.8
 254 9.3 7.1 10.7

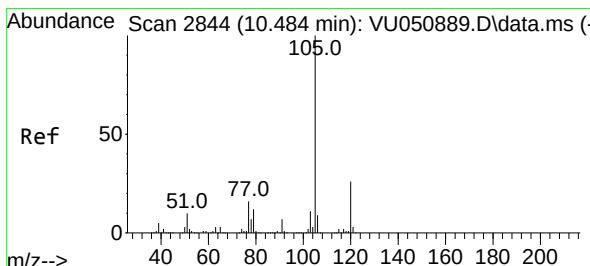
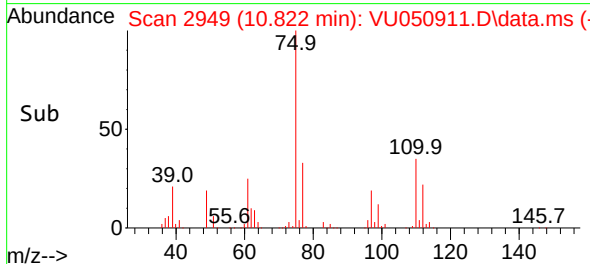
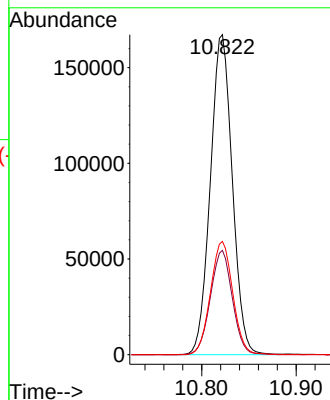
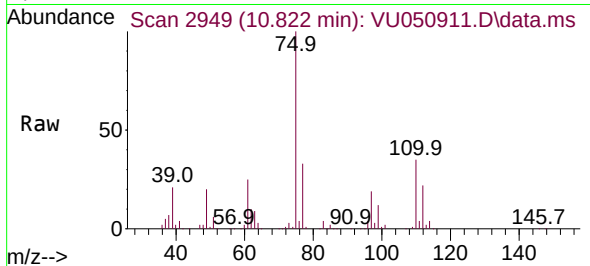




#60
1,2,3-Trichloropropane
Concen: 49.816 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050911.D
Acq: 22 Sep 2022 20:23

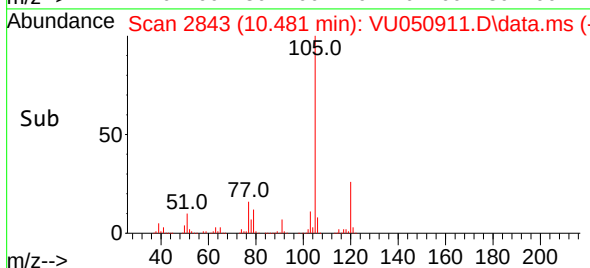
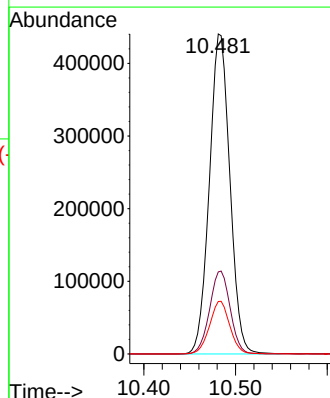
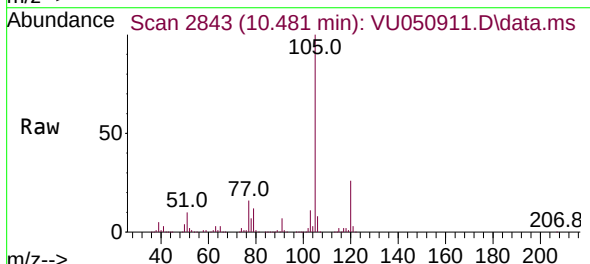
Instrument :
MSVOA_U
ClientSampleId :
E45A0MS

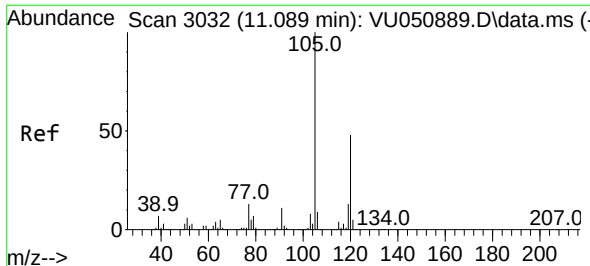
Tgt Ion: 75 Resp: 269807
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.4
110 35.9 28.6 43.0



#61
Isopropylbenzene
Concen: 49.700 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU050911.D
Acq: 22 Sep 2022 20:23

Tgt Ion: 105 Resp: 683906
Ion Ratio Lower Upper
105 100
120 25.9 20.5 30.7
77 16.2 12.9 19.3

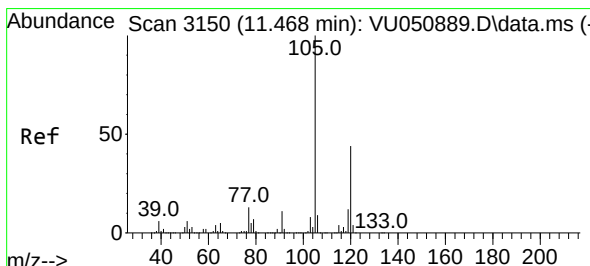
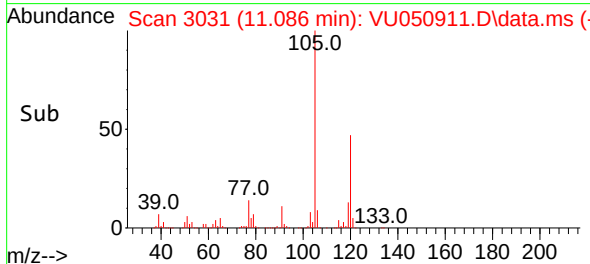
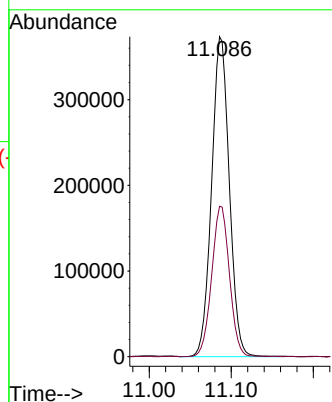
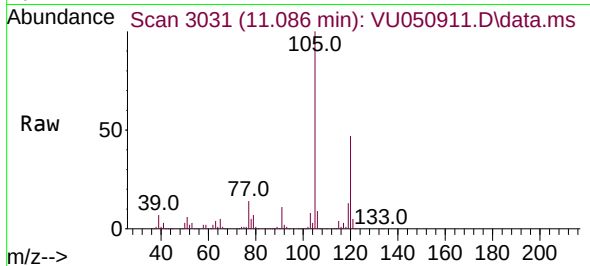




#62
 1,3,5-Trimethylbenzene
 Concen: 49.551 ug/L
 RT: 11.086 min Scan# 3032
 Delta R.T. -0.003 min
 Lab File: VU050911.D
 Acq: 22 Sep 2022 20:23

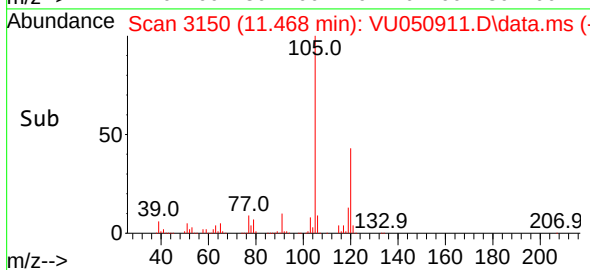
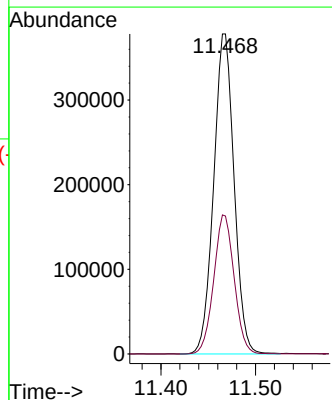
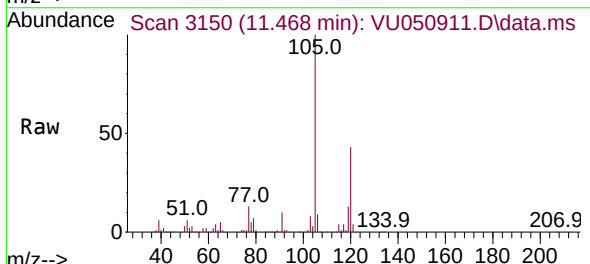
Instrument :
 MSVOA_U
 ClientSampleId :
 E45A0MS

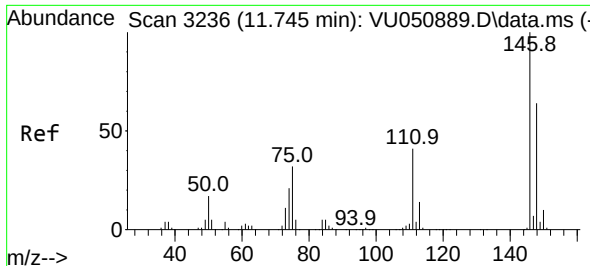
Tgt Ion:105 Resp: 560518
 Ion Ratio Lower Upper
 105 100
 120 47.2 37.9 56.9



#63
 1,2,4-Trimethylbenzene
 Concen: 50.605 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU050911.D
 Acq: 22 Sep 2022 20:23

Tgt Ion:105 Resp: 566897
 Ion Ratio Lower Upper
 105 100
 120 43.5 34.9 52.3

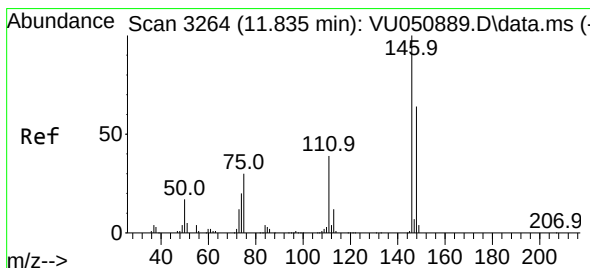
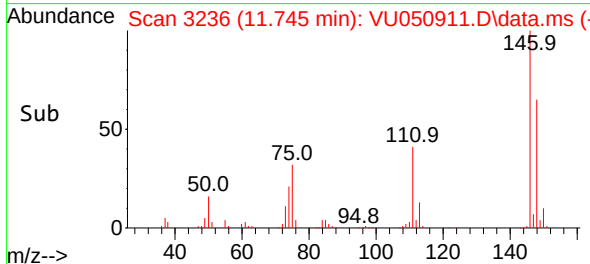
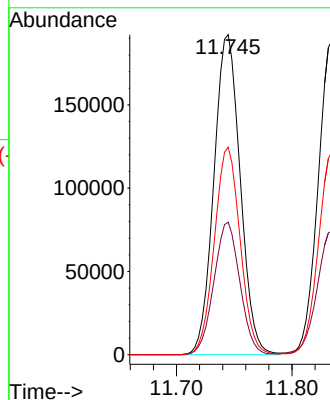
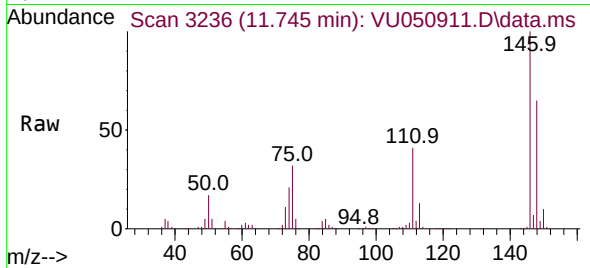




#64
1,3-Dichlorobenzene
Concen: 48.381 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050911.D
Acq: 22 Sep 2022 20:23

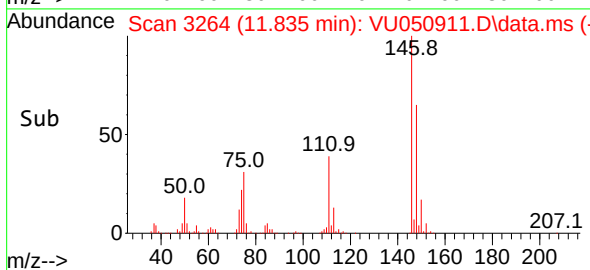
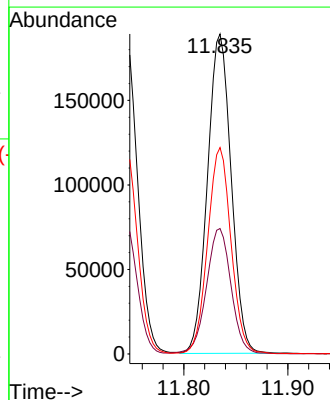
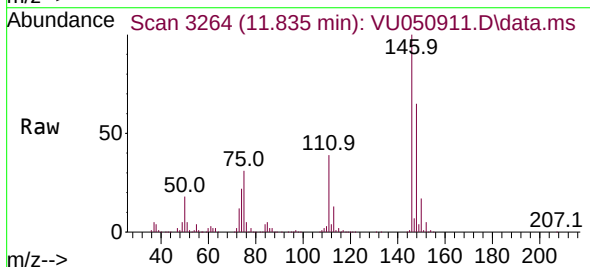
Instrument :
MSVOA_U
ClientSampleId :
E45A0MS

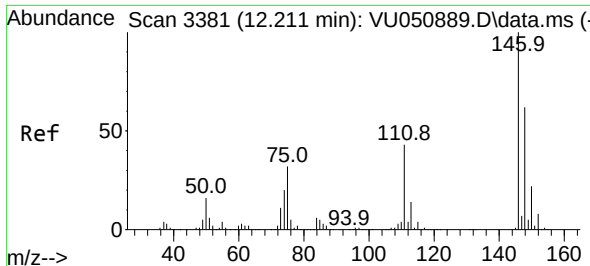
Tgt Ion:146 Resp: 304443
Ion Ratio Lower Upper
146 100
111 41.4 27.9 51.7
148 64.8 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 46.889 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU050911.D
Acq: 22 Sep 2022 20:23

Tgt Ion:146 Resp: 299548
Ion Ratio Lower Upper
146 100
111 39.2 27.5 51.1
148 64.5 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 49.120 ug/L

RT: 12.211 min Scan# 311

Delta R.T. 0.000 min

Lab File: VU050911.D

Acq: 22 Sep 2022 20:23

Instrument :

MSVOA_U

ClientSampleId :

E45A0MS

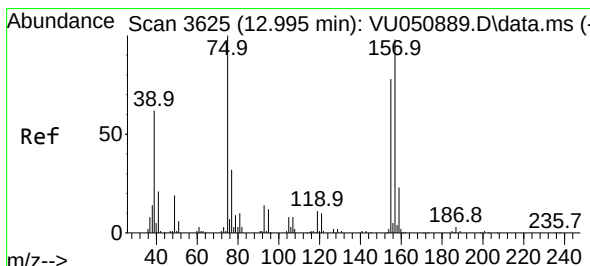
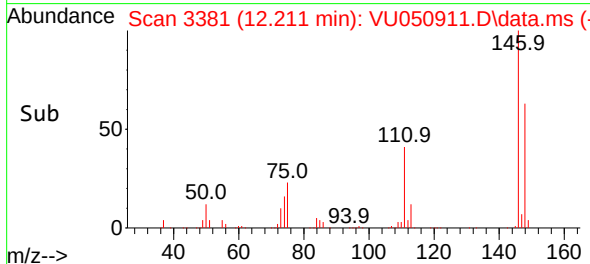
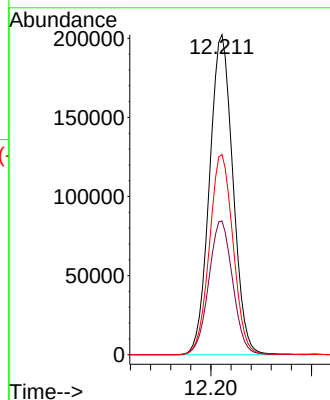
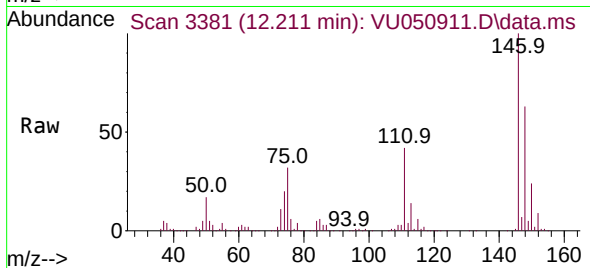
Tgt Ion:146 Resp: 327279

Ion Ratio Lower Upper

146 100

111 41.8 35.2 52.8

148 62.5 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 54.140 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU050911.D

Acq: 22 Sep 2022 20:23

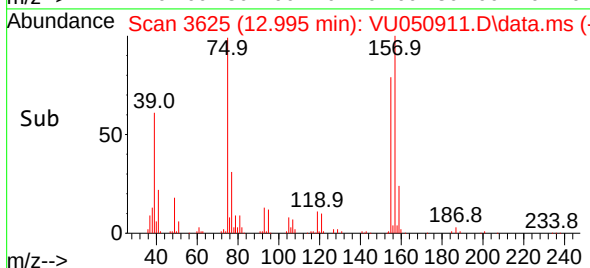
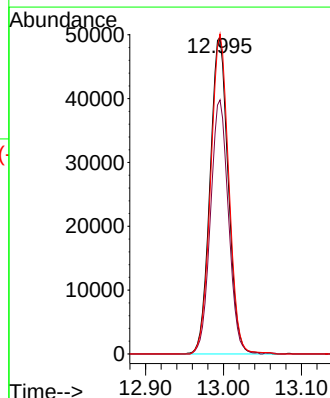
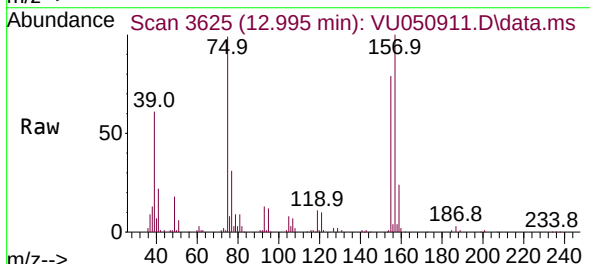
Tgt Ion: 75 Resp: 80648

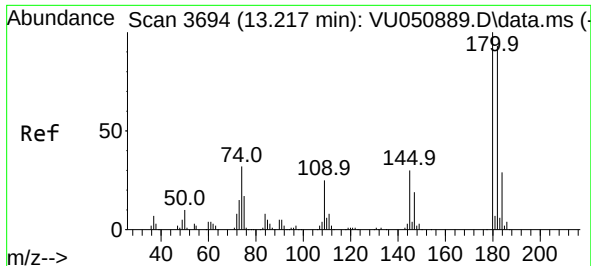
Ion Ratio Lower Upper

75 100

155 80.2 63.8 95.8

157 101.0 81.8 122.8

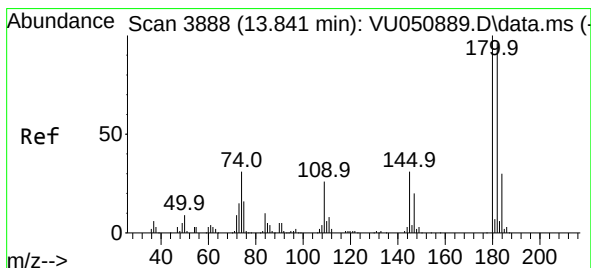
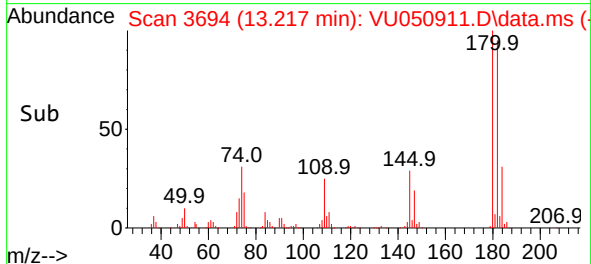
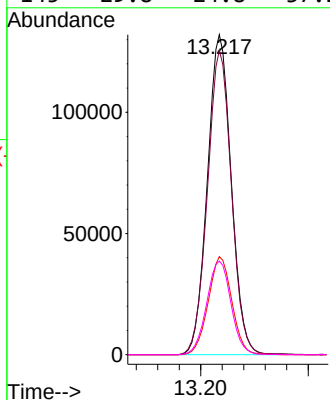
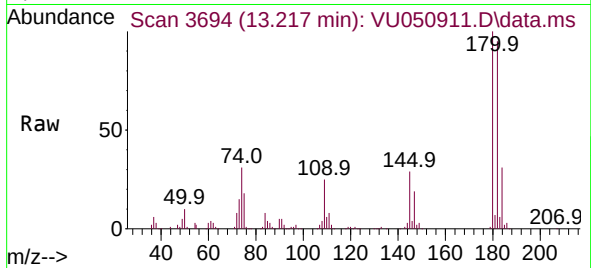




#69
1,3,5-Trichlorobenzene
Concen: 46.200 ug/L
RT: 13.217 min Scan# 30
Delta R.T. 0.000 min
Lab File: VU050911.D
Acq: 22 Sep 2022 20:23

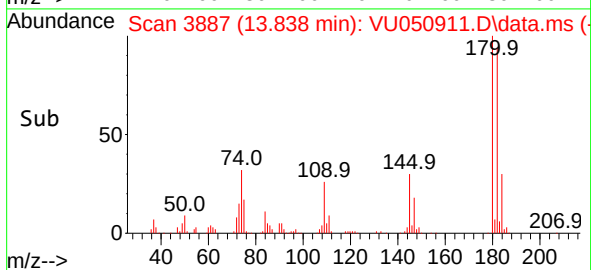
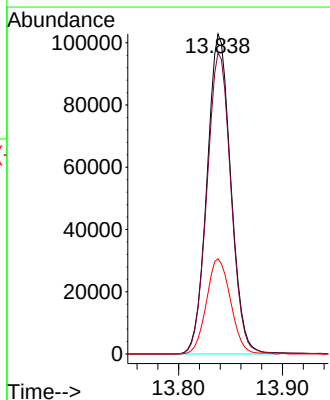
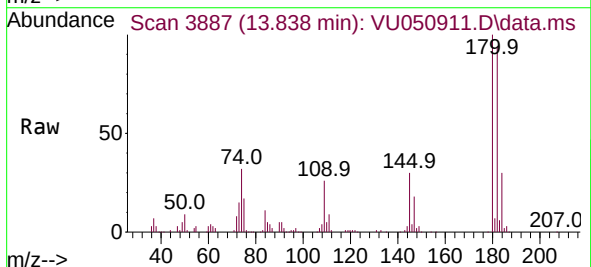
Instrument :
MSVOA_U
ClientSampleId :
E45A0MS

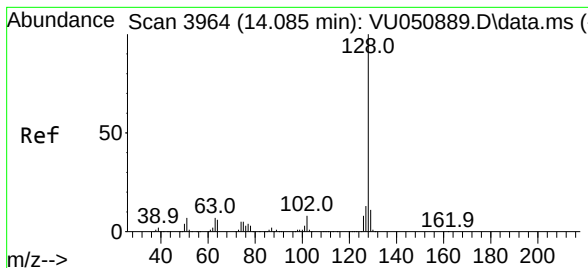
Tgt Ion:	180	Resp:	203408
Ion Ratio	Lower	Upper	
180	100		
182	95.5	78.2	117.2
184	30.3	24.8	37.2
145	29.8	24.8	37.2



#70
1,2,4-trichlorobenzene
Concen: 45.381 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. -0.003 min
Lab File: VU050911.D
Acq: 22 Sep 2022 20:23

Tgt Ion:	180	Resp:	163508
Ion Ratio	Lower	Upper	
180	100		
182	95.0	76.2	114.2
145	30.1	25.1	37.7

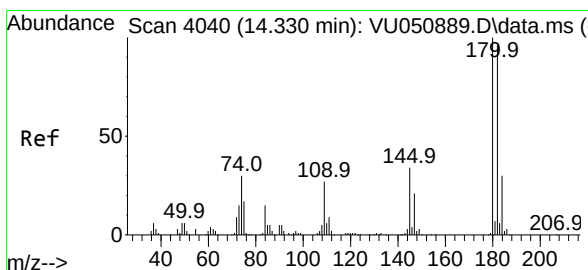
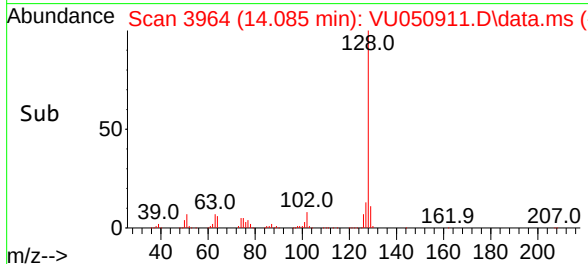
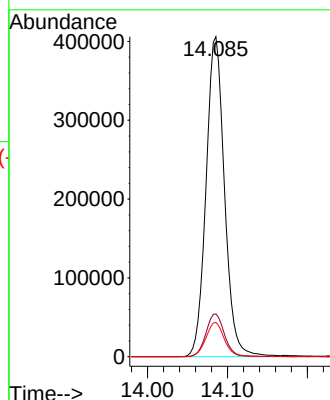
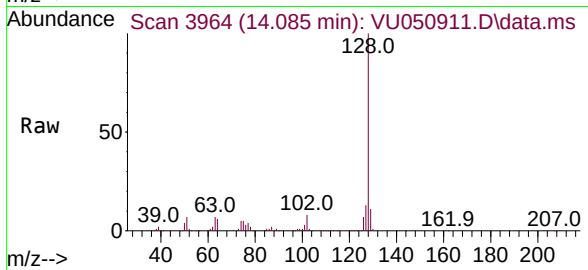




#71
Naphthalene
Concen: 47.111 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU050911.D
Acq: 22 Sep 2022 20:23

Instrument :
MSVOA_U
ClientSampleId :
E45A0MS

Tgt Ion:128 Resp: 652351
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 10.7 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 47.173 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.003 min
Lab File: VU050911.D
Acq: 22 Sep 2022 20:23

Tgt Ion:180 Resp: 190223
Ion Ratio Lower Upper
180 100
182 94.3 76.9 115.3
145 32.1 26.3 39.5

