

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110121\
 Data File : VU045480.D
 Acq On : 01 Nov 2021 10:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 02:30:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 03:03:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	311928	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	297423	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	153924	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	113846	44.842	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.680%
7) Chloroethane-d5	1.916	69	98184	48.258	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.520%
11) 1,1-Dichloroethene-d2	2.575	63	214059	47.474	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.940%
21) 2-Butanone-d5	4.629	46	216830	102.054	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.050%
24) Chloroform-d	5.070	84	221709	48.676	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.360%
26) 1,2-Dichloroethane-d4	5.707	65	143973	47.801	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.600%
32) Benzene-d6	5.732	84	437129	47.558	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.120%
36) 1,2-Dichloropropane-d6	6.694	67	142398	47.860	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.720%
41) Toluene-d8	7.903	98	383863	47.873	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.740%
43) trans-1,3-Dichloroprop...	8.182	79	70317	50.303	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.600%
47) 2-Hexanone-d5	8.636	63	157940	99.449	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.450%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	213250	47.761	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.520%
66) 1,2-Dichlorobenzene-d4	12.198	152	145538	46.735	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	134943	48.958	ug/L	99
3) Chloromethane	1.523	50	151633	45.564	ug/L	99
5) Vinyl chloride	1.607	62	153238	48.977	ug/L	99
6) Bromomethane	1.861	94	79409	49.313	ug/L	100
8) Chloroethane	1.938	64	98013	53.027	ug/L	98
9) Trichlorofluoromethane	2.141	101	182025	49.163	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	114507	50.752	ug/L	99
12) 1,1-Dichloroethene	2.584	96	106165	49.865	ug/L	97
13) Acetone	2.642	43	240111	137.794	ug/L	99
14) Carbon disulfide	2.800	76	309173	50.793	ug/L	100
15) Methyl Acetate	2.954	43	148345	50.388	ug/L	100
16) Methylene chloride	3.051	84	130002	49.476	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	114470	50.251	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	409967	51.328	ug/L	100
19) 1,1-Dichloroethane	3.877	63	227497	50.107	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	132321	50.924	ug/L	97
22) 2-Butanone	4.710	43	289248	121.549	ug/L	100
23) Bromochloromethane	4.980	128	64078	51.223	ug/L	99
25) Chloroform	5.092	83	228954	50.392	ug/L	99

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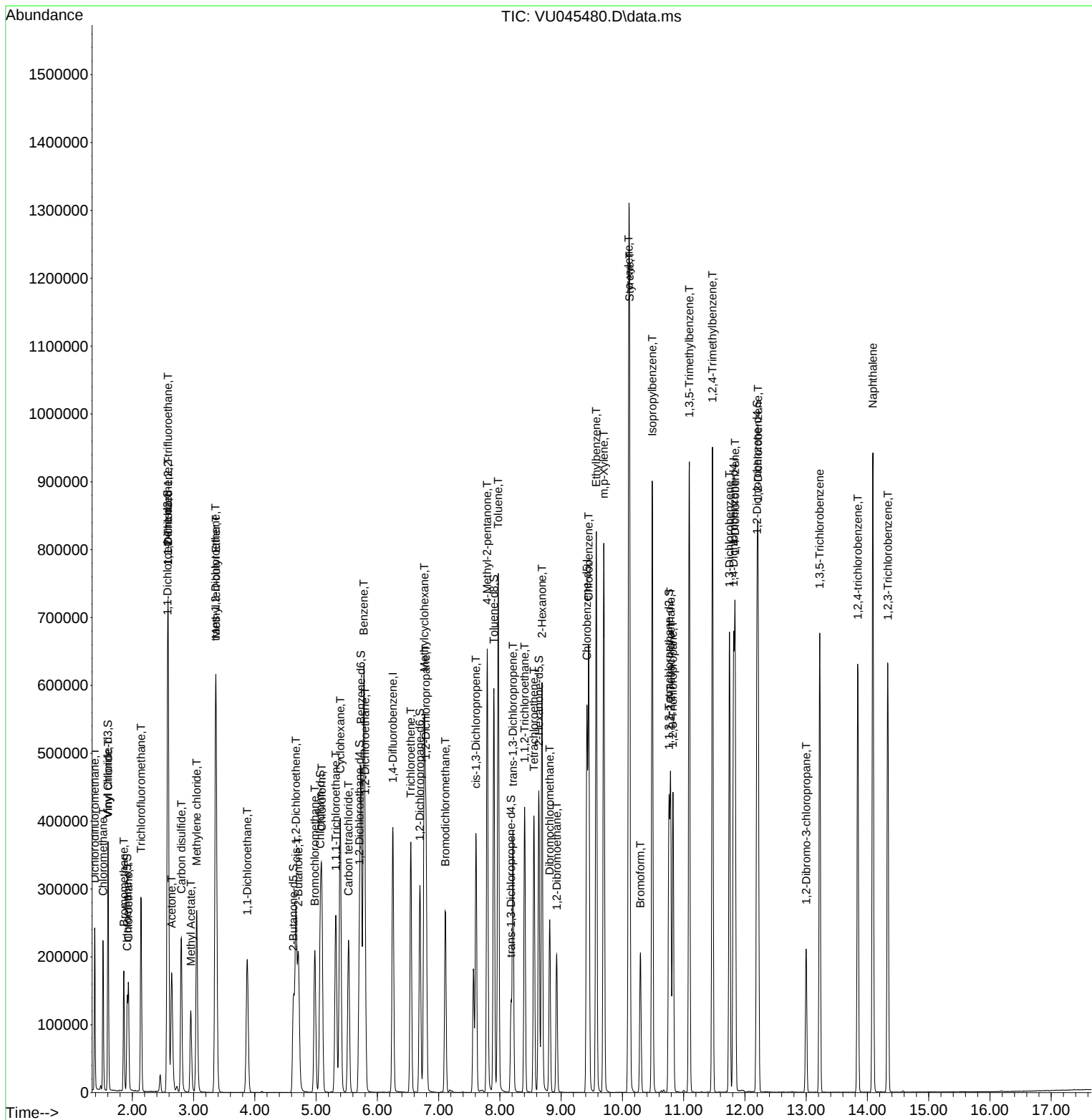
Instrument :
 MSVOA_U
 ClientSampleId :

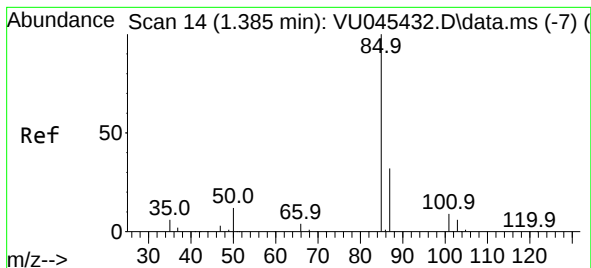
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	188618	50.748	ug/L	99
29) Cyclohexane	5.395	56	213699	50.121	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	186969	49.504	ug/L	99
31) Carbon tetrachloride	5.530	117	147692	49.458	ug/L	100
33) Benzene	5.777	78	515882	50.006	ug/L	100
34) Trichloroethene	6.546	95	126009	50.883	ug/L	99
35) Methylcyclohexane	6.768	83	214825	49.924	ug/L	99
37) 1,2-Dichloropropane	6.793	63	136542	49.854	ug/L	100
38) Bromodichloromethane	7.108	83	173236	50.306	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	215585	51.455	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	411690	101.854	ug/L	99
42) Toluene	7.973	91	542084	50.495	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	207946	52.635	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	127445	50.108	ug/L	99
46) Tetrachloroethene	8.555	164	90016	51.242	ug/L	98
48) 2-Hexanone	8.687	43	366294	108.800	ug/L	99
49) Dibromochloromethane	8.813	129	127016	51.825	ug/L	100
50) 1,2-Dibromoethane	8.928	107	136055	50.972	ug/L	99
51) Chlorobenzene	9.449	112	328794	50.687	ug/L	99
52) Ethylbenzene	9.575	91	587967	51.636	ug/L	98
53) m,p-Xylene	9.697	106	225173	51.676	ug/L	98
54) o-xylene	10.102	106	220890	51.182	ug/L	99
55) Styrene	10.118	104	388247	53.546	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	225901	49.996	ug/L	99
59) Bromoform	10.295	173	89551	50.450	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	183689	48.460	ug/L	99
61) Isopropylbenzene	10.488	105	575858	50.610	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	500925	51.692	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	510912	51.876	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	258067	51.287	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	259904	51.057	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	257330	49.413	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	56039	50.637	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	192501	51.866	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	181729	53.593	ug/L	99
71) Naphthalene	14.089	128	700627	54.222	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	183887	52.991	ug/L	99

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

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#2

Dichlorodifluoromethane

Concen: 48.958 ug/L

RT: 1.385 min Scan# 14

Delta R.T. 0.000 min

Lab File: VU045480.D

Acq: 01 Nov 2021 10:54

Instrument :

MSVOA_U

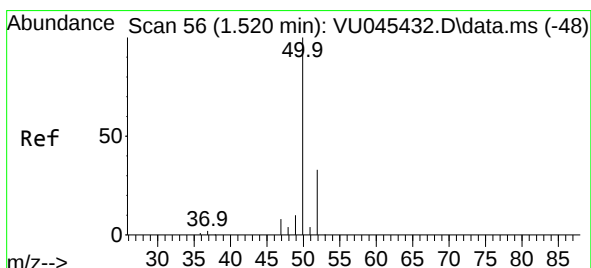
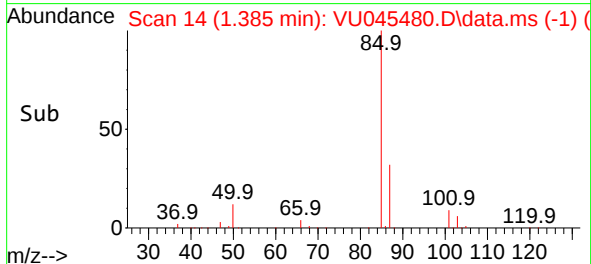
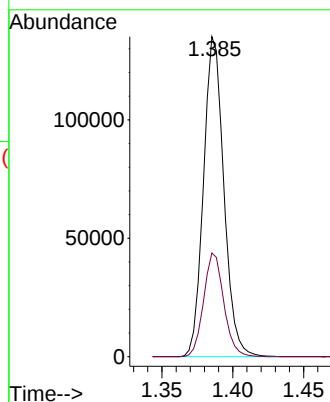
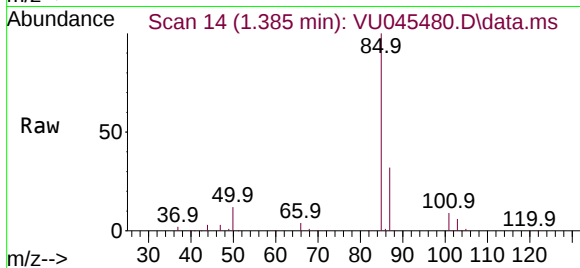
ClientSampleId :

Tgt Ion: 85 Resp: 134943

Ion Ratio Lower Upper

85 100

87 32.1 26.0 39.0



#3

Chloromethane

Concen: 45.564 ug/L

RT: 1.523 min Scan# 57

Delta R.T. 0.003 min

Lab File: VU045480.D

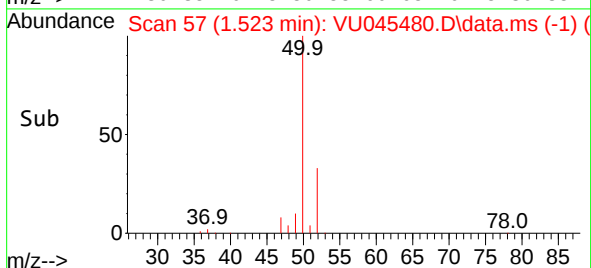
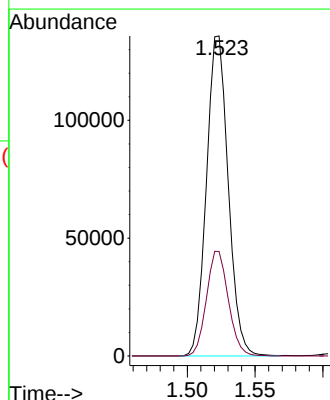
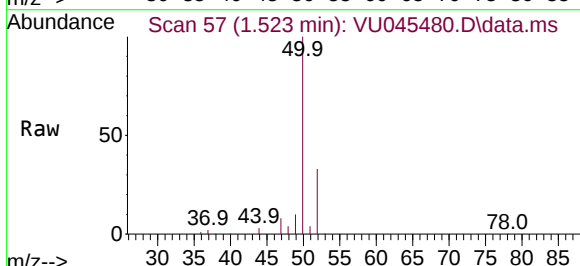
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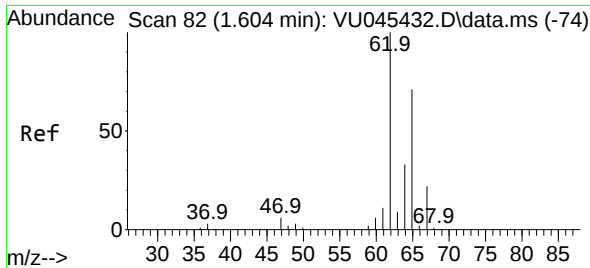
Tgt Ion: 50 Resp: 151633

Ion Ratio Lower Upper

50 100

52 32.6 23.2 43.2

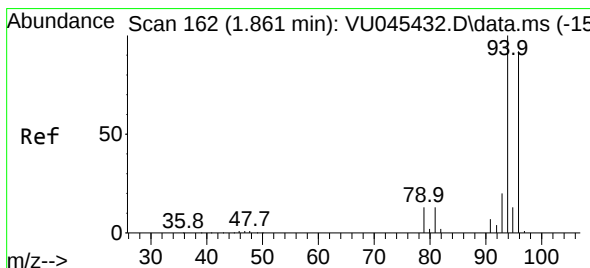
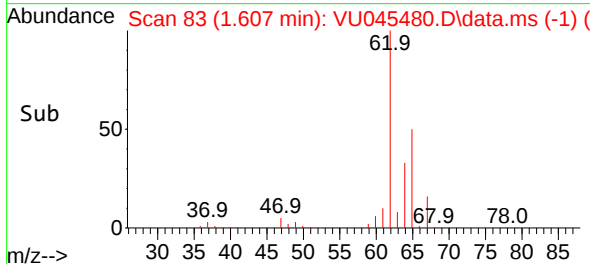
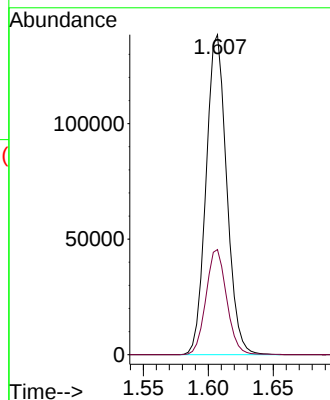
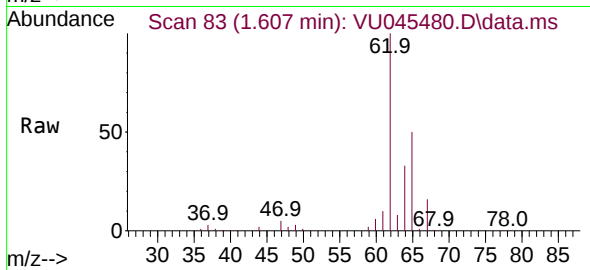




#5
 Vinyl chloride
 Concen: 48.977 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU045480.D
 Acq: 01 Nov 2021 10:54

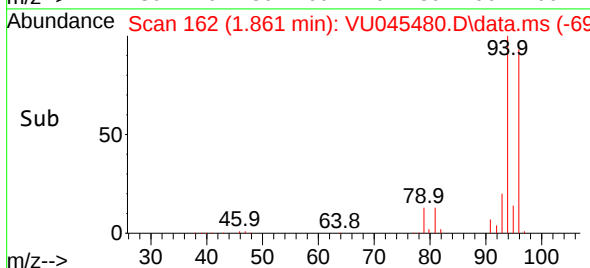
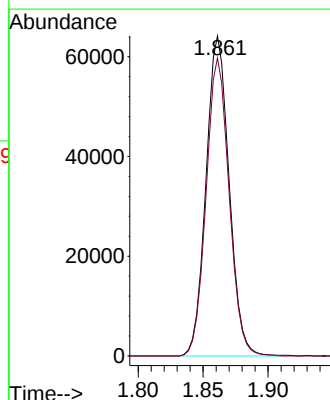
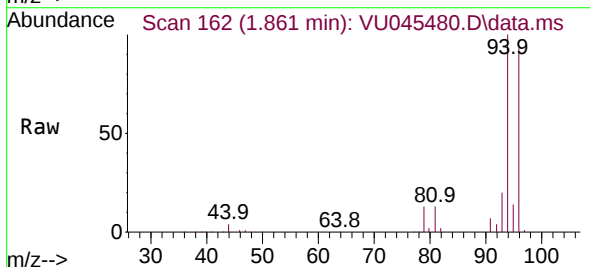
Instrument :
 MSVOA_U
 ClientSampleId :

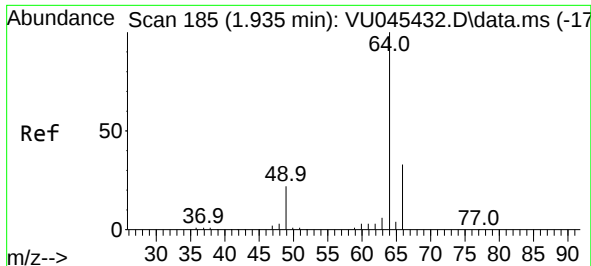
Tgt Ion: 62 Resp: 153238
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.3 43.3



#6
 Bromomethane
 Concen: 49.313 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU045480.D
 Acq: 01 Nov 2021 10:54

Tgt Ion: 94 Resp: 79409
 Ion Ratio Lower Upper
 94 100
 96 93.2 64.9 120.5

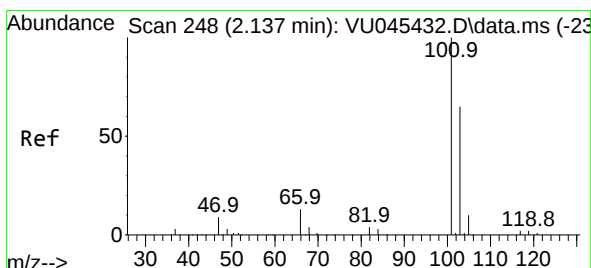
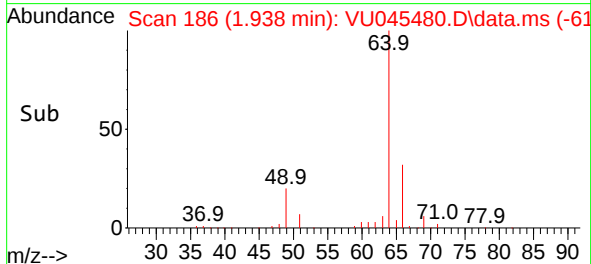
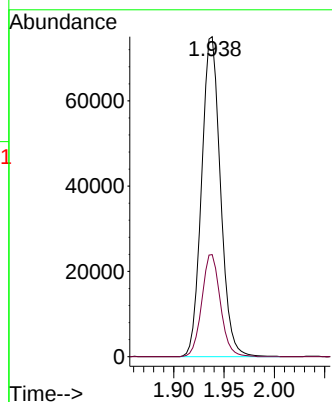
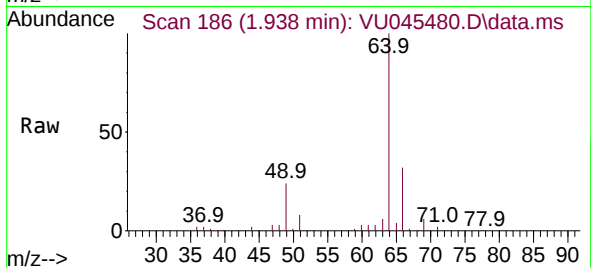




#8
Chloroethane
Concen: 53.027 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045480.D
Acq: 01 Nov 2021 10:54

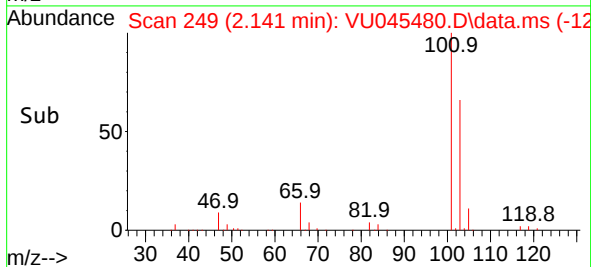
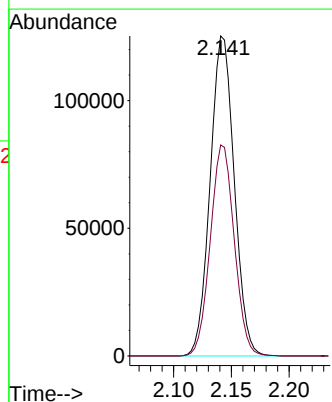
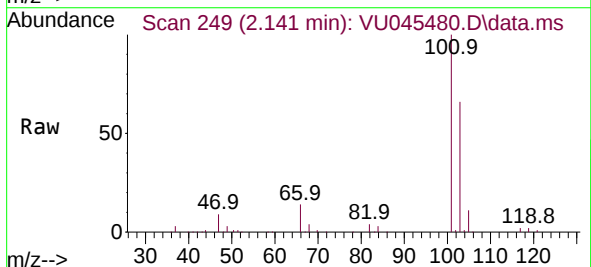
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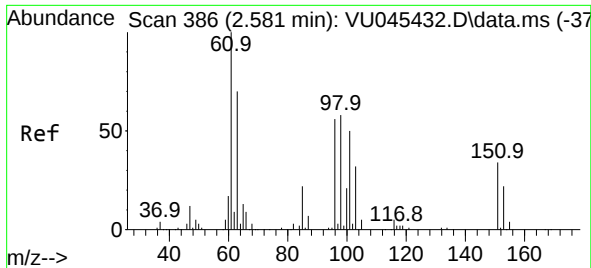
Tgt Ion: 64 Resp: 98013
Ion Ratio Lower Upper
64 100
66 31.9 23.2 43.2



#9
Trichlorofluoromethane
Concen: 49.163 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.003 min
Lab File: VU045480.D
Acq: 01 Nov 2021 10:54

Tgt Ion:101 Resp: 182025
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.2

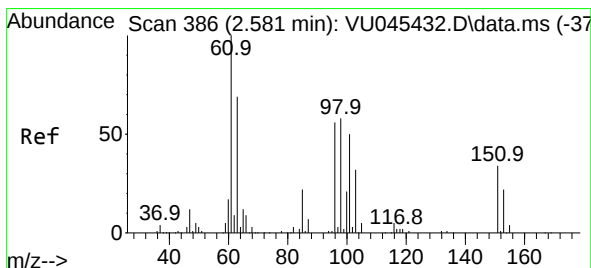
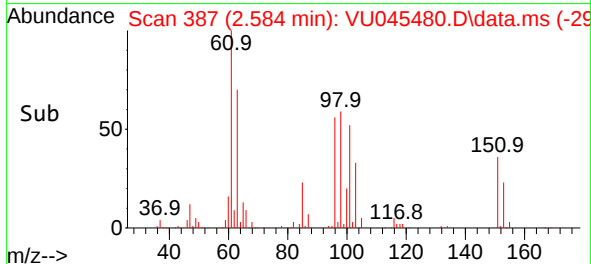
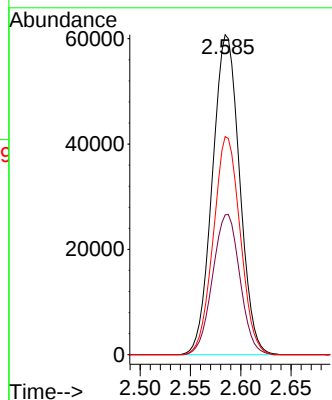
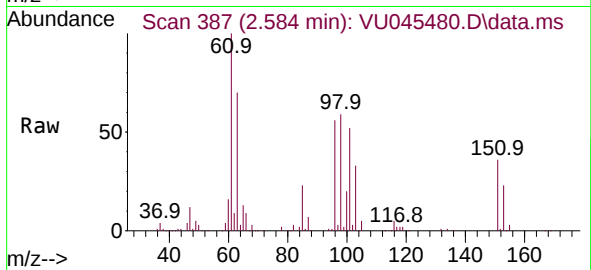




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.752 ug/L
 RT: 2.584 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU045480.D
 Acq: 01 Nov 2021 10:54

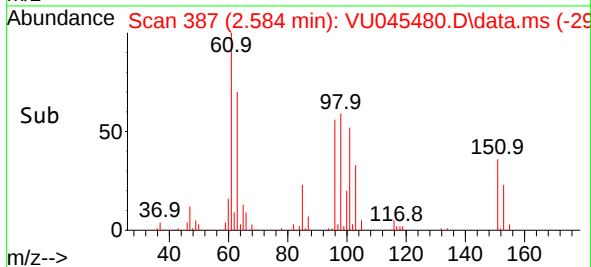
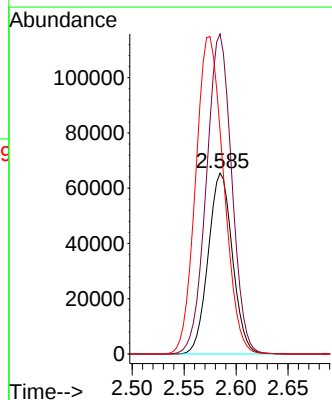
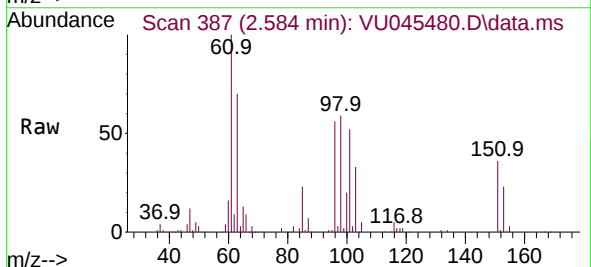
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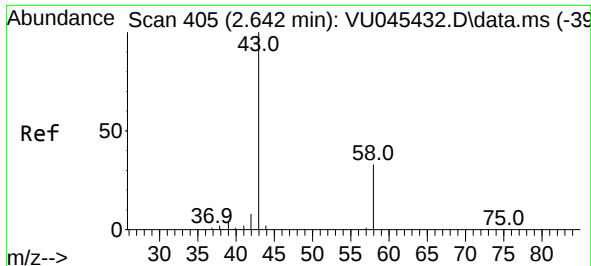
Tgt Ion:101 Resp: 114507
 Ion Ratio Lower Upper
 101 100
 85 43.9 34.8 52.2
 151 67.4 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 49.865 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.003 min
 Lab File: VU045480.D
 Acq: 01 Nov 2021 10:54

Tgt Ion: 96 Resp: 106165
 Ion Ratio Lower Upper
 96 100
 61 177.0 126.3 234.5
 63 123.7 89.2 165.8





#13

Acetone

Concen: 137.794 ug/L

RT: 2.642 min Scan# 405

Delta R.T. 0.000 min

Lab File: VU045480.D

Acq: 01 Nov 2021 10:54

Instrument :

MSVOA_U

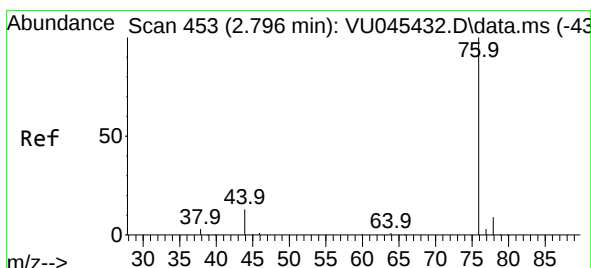
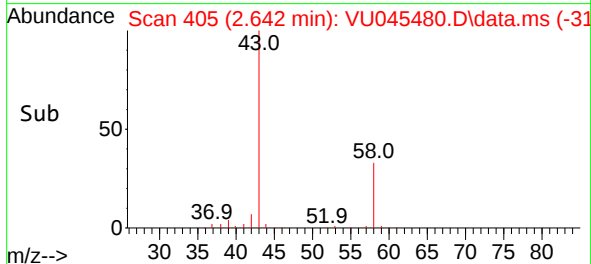
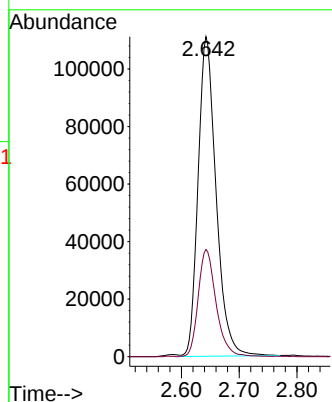
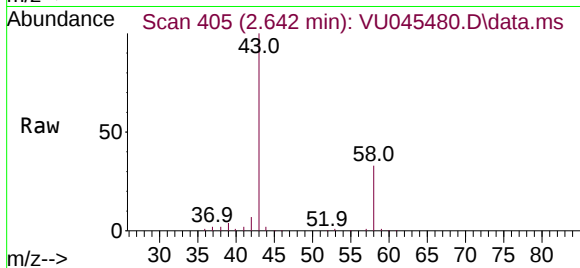
ClientSampleId :

Tgt Ion: 43 Resp: 240111

Ion Ratio Lower Upper

43 100

58 33.5 0.0 66.2



#14

Carbon disulfide

Concen: 50.793 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.003 min

Lab File: VU045480.D

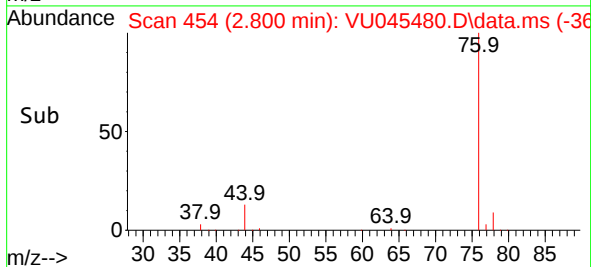
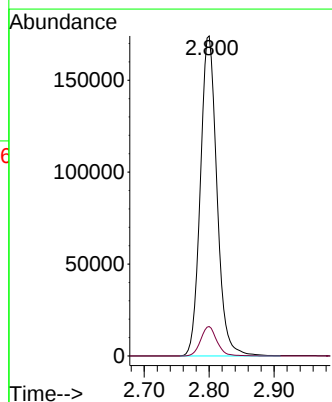
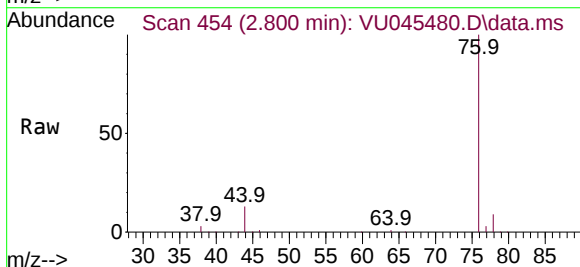
Acq: 01 Nov 2021 10:54

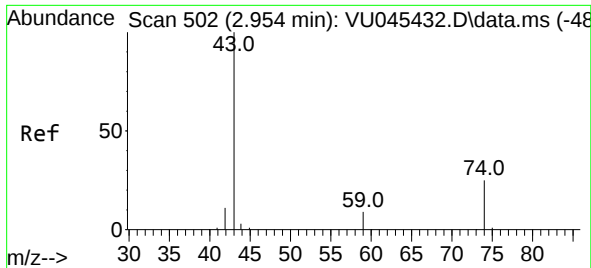
Tgt Ion: 76 Resp: 309173

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

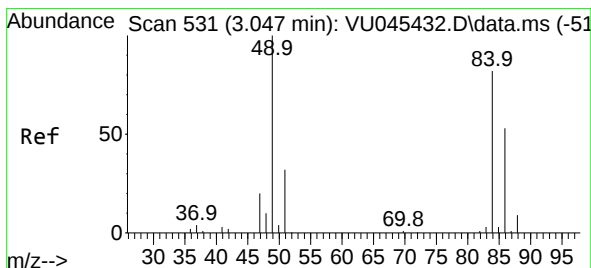
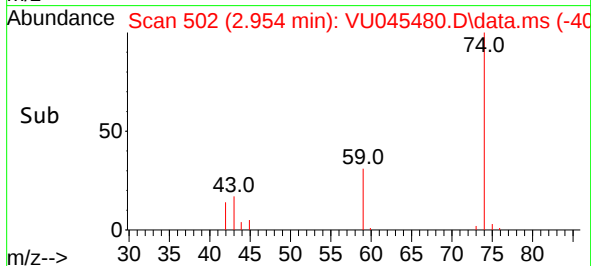
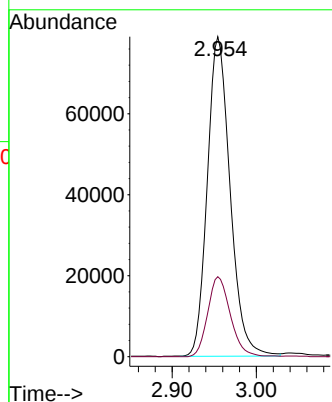
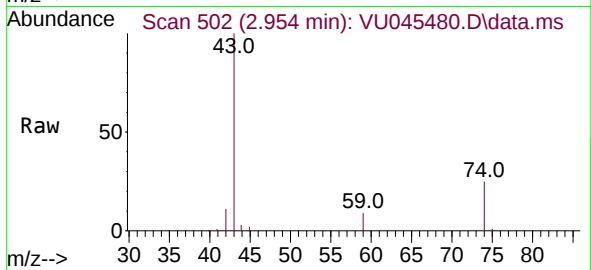




#15
Methyl Acetate
Concen: 50.388 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU045480.D
Acq: 01 Nov 2021 10:54

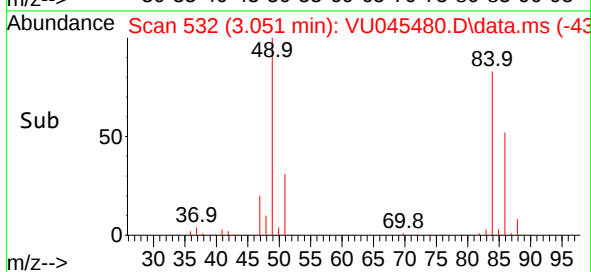
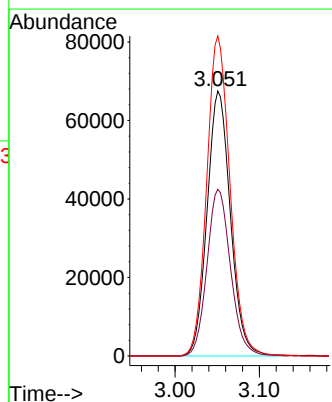
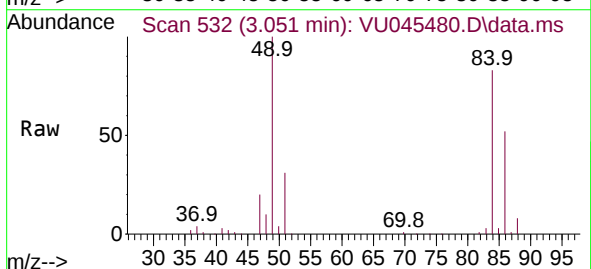
Instrument :
MSVOA_U
ClientSampleId :

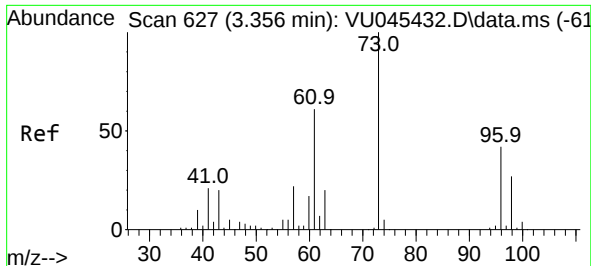
Tgt Ion: 43 Resp: 148345
Ion Ratio Lower Upper
43 100
74 24.8 20.0 30.0



#16
Methylene chloride
Concen: 49.476 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045480.D
Acq: 01 Nov 2021 10:54

Tgt Ion: 84 Resp: 130002
Ion Ratio Lower Upper
84 100
86 62.9 45.8 85.2
49 120.7 85.9 159.5





#17

trans-1,2-Dichloroethene

Concen: 50.251 ug/L

RT: 3.359 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU045480.D

Acq: 01 Nov 2021 10:54

Instrument :

MSVOA_U

ClientSampleId :

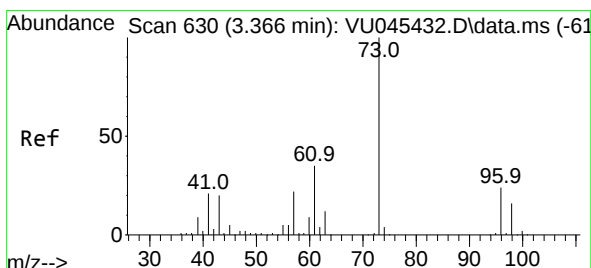
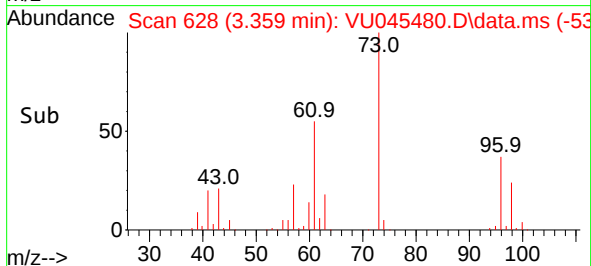
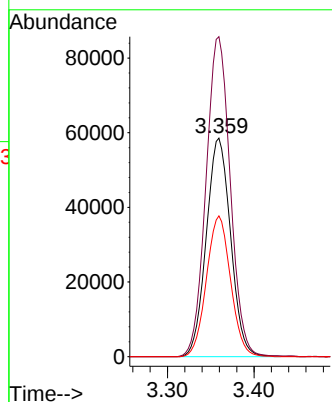
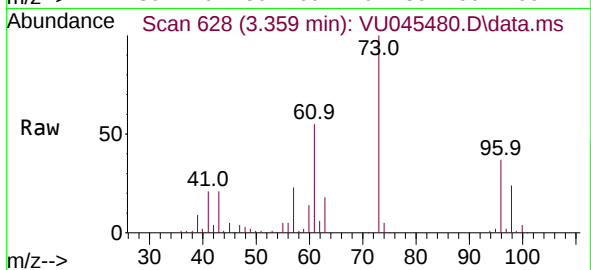
Tgt Ion: 96 Resp: 114470

Ion Ratio Lower Upper

96 100

61 146.4 101.8 189.2

98 64.4 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 51.328 ug/L

RT: 3.366 min Scan# 630

Delta R.T. 0.000 min

Lab File: VU045480.D

Acq: 01 Nov 2021 10:54

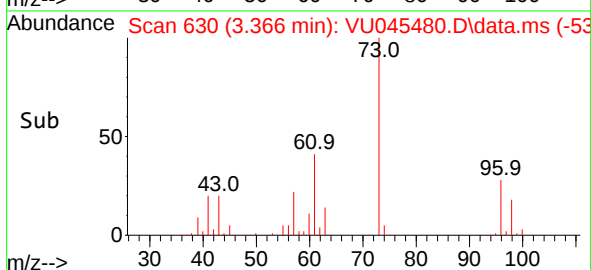
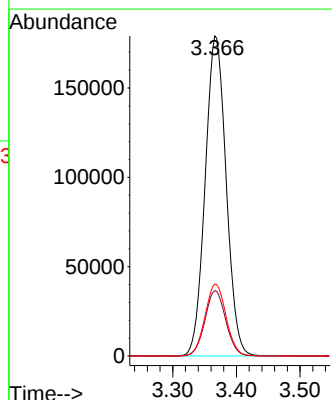
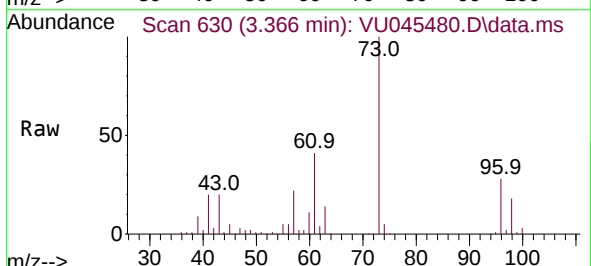
Tgt Ion: 73 Resp: 409967

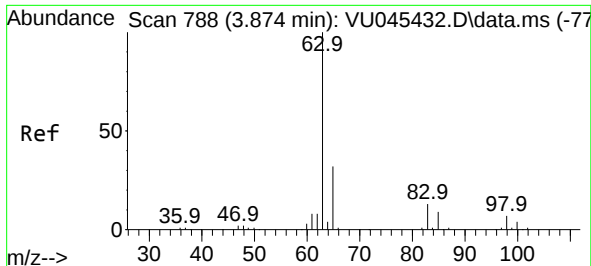
Ion Ratio Lower Upper

73 100

43 20.4 16.2 24.4

57 22.6 18.1 27.1





#19

1,1-Dichloroethane

Concen: 50.107 ug/L

RT: 3.877 min Scan# 788

Delta R.T. 0.003 min

Lab File: VU045480.D

Acq: 01 Nov 2021 10:54

Instrument :

MSVOA_U

ClientSampleId :

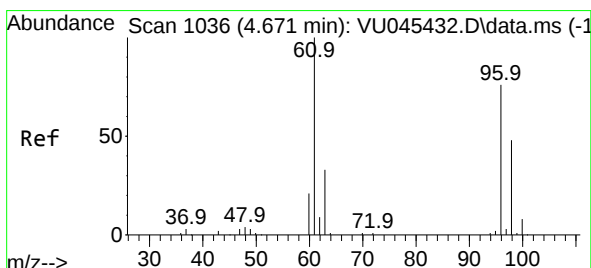
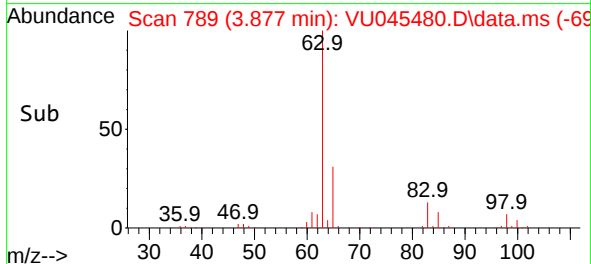
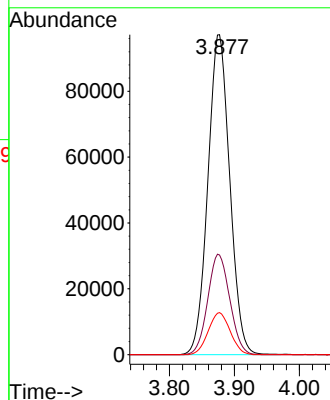
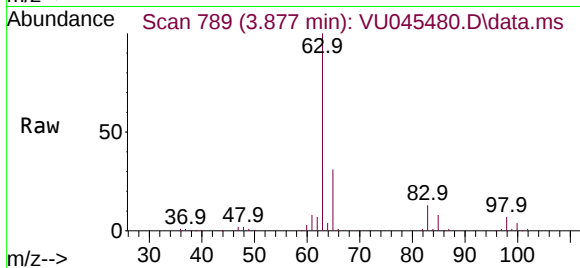
Tgt Ion: 63 Resp: 227497

Ion Ratio Lower Upper

63 100

65 31.2 22.4 41.6

83 13.2 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 50.924 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU045480.D

Acq: 01 Nov 2021 10:54

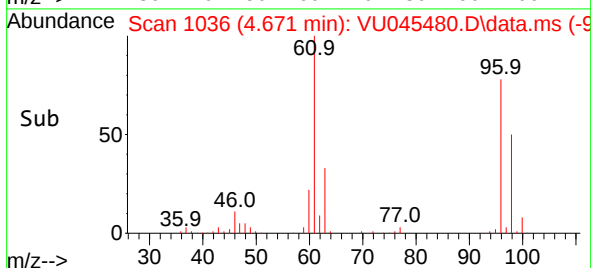
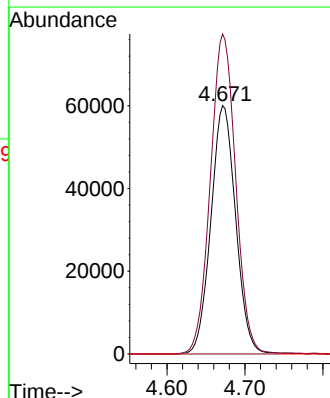
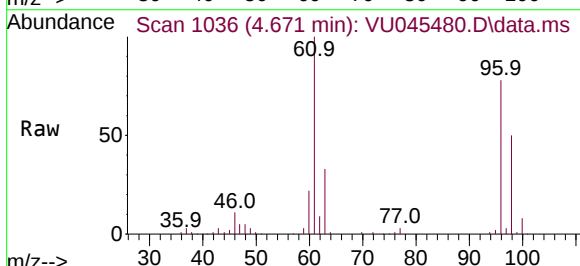
Tgt Ion: 96 Resp: 132321

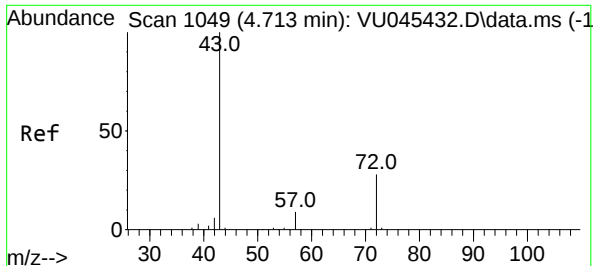
Ion Ratio Lower Upper

96 100

61 128.9 92.8 172.4

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 121.549 ug/L

RT: 4.710 min Scan# 1049

Delta R.T. -0.003 min

Lab File: VU045480.D

Acq: 01 Nov 2021 10:54

Instrument :

MSVOA_U

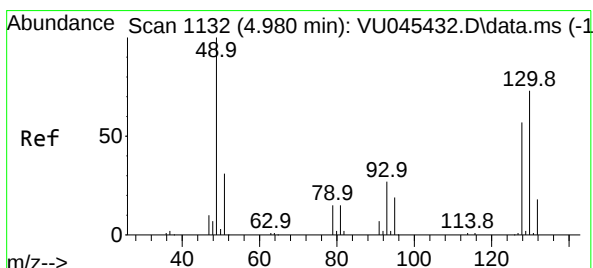
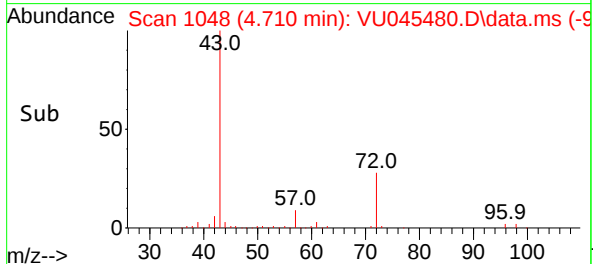
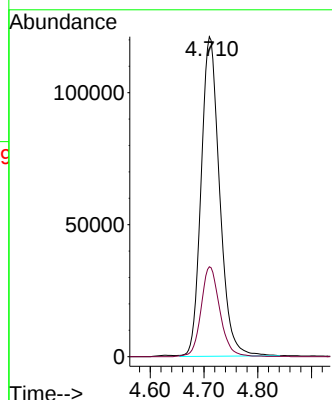
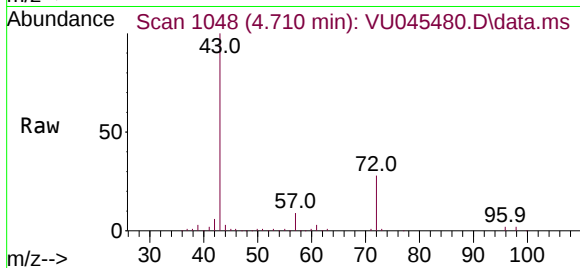
ClientSampleId :

Tgt Ion: 43 Resp: 289248

Ion Ratio Lower Upper

43 100

72 28.6 14.4 43.2



#23

Bromochloromethane

Concen: 51.223 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU045480.D

Acq: 01 Nov 2021 10:54

Tgt Ion:128 Resp: 64078

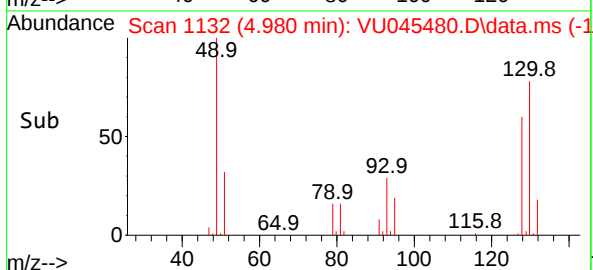
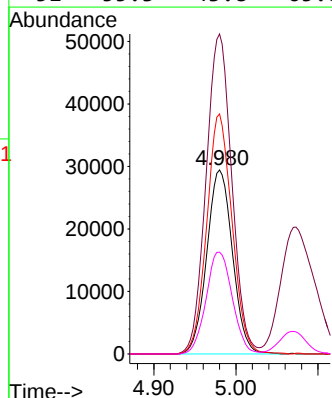
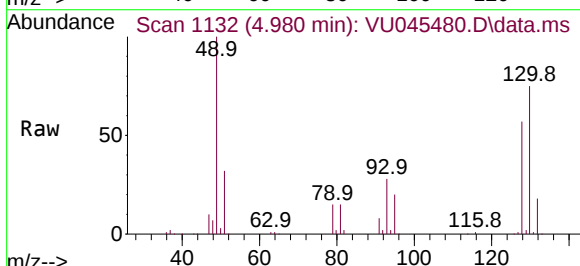
Ion Ratio Lower Upper

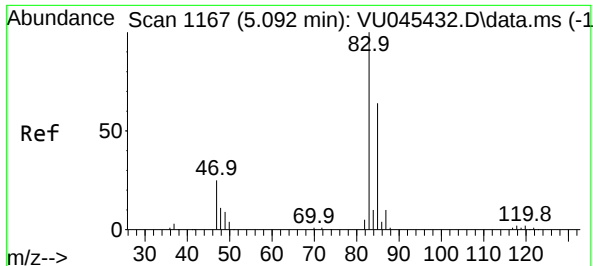
128 100

49 174.0 123.1 228.5

130 130.4 89.8 166.8

51 55.3 43.8 65.8





#25

Chloroform

Concen: 50.392 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045480.D

Acq: 01 Nov 2021 10:54

Instrument :

MSVOA_U

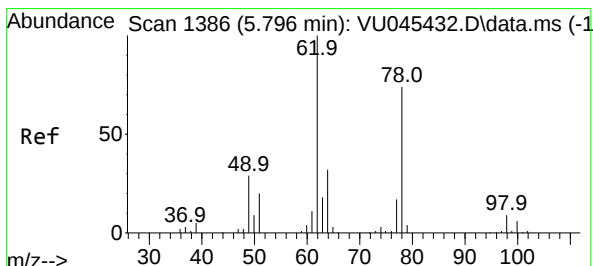
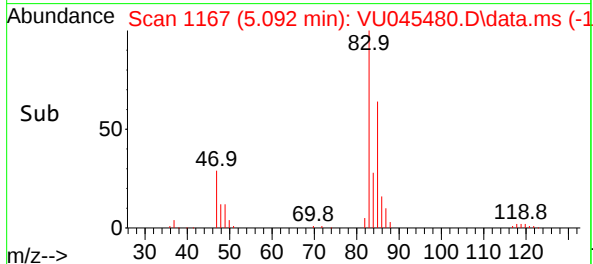
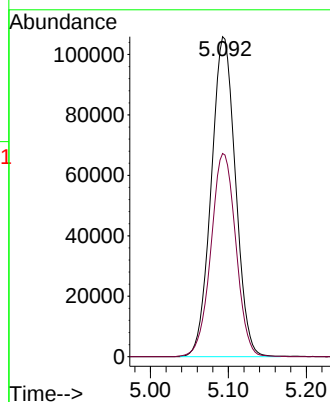
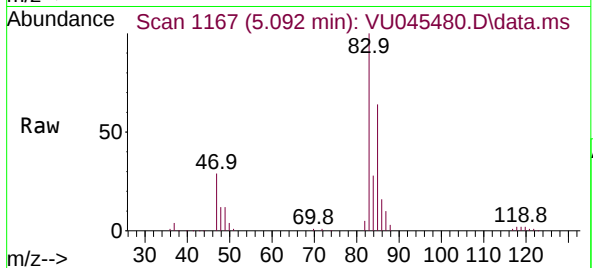
ClientSampleId :

Tgt Ion: 83 Resp: 228954

Ion Ratio Lower Upper

83 100

85 63.5 45.0 83.6



#27

1,2-Dichloroethane

Concen: 50.748 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.003 min

Lab File: VU045480.D

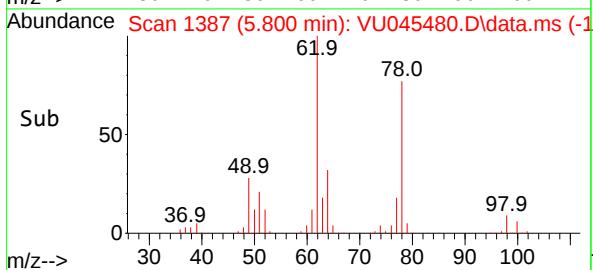
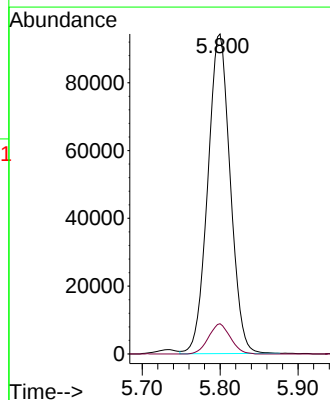
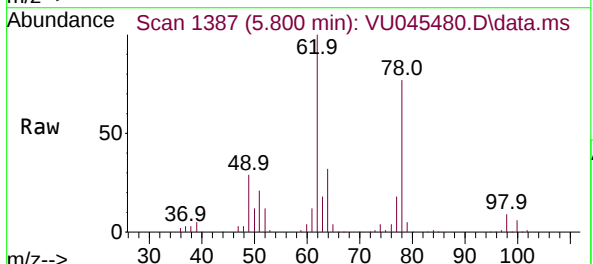
Acq: 01 Nov 2021 10:54

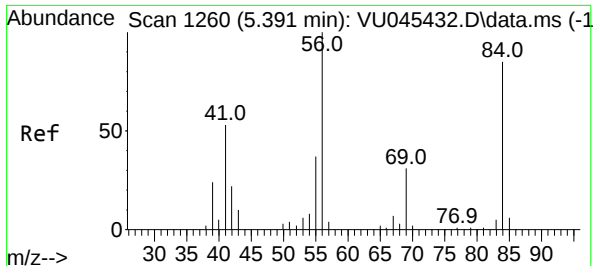
Tgt Ion: 62 Resp: 188618

Ion Ratio Lower Upper

62 100

98 9.4 7.4 11.0





#29

Cyclohexane

Concen: 50.121 ug/L

RT: 5.395 min Scan# 1260

Delta R.T. 0.003 min

Lab File: VU045480.D

Acq: 01 Nov 2021 10:54

Instrument :

MSVOA_U

ClientSampleId :

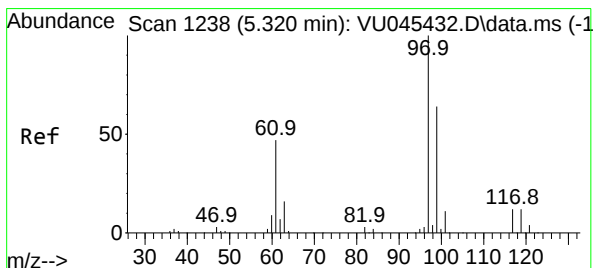
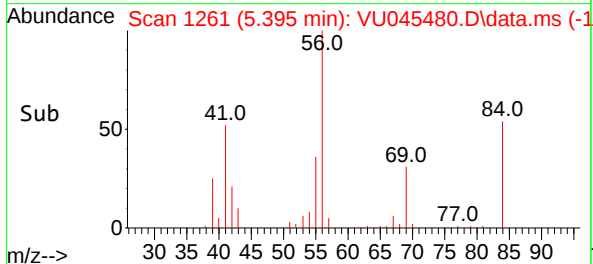
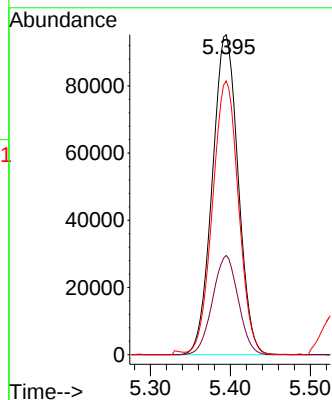
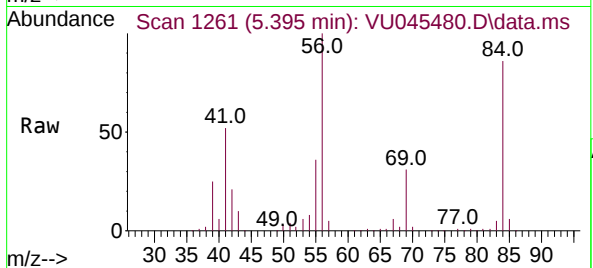
Tgt Ion: 56 Resp: 213699

Ion Ratio Lower Upper

56 100

69 30.8 25.0 37.4

84 86.1 69.9 104.9



#30

1,1,1-Trichloroethane

Concen: 49.504 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU045480.D

Acq: 01 Nov 2021 10:54

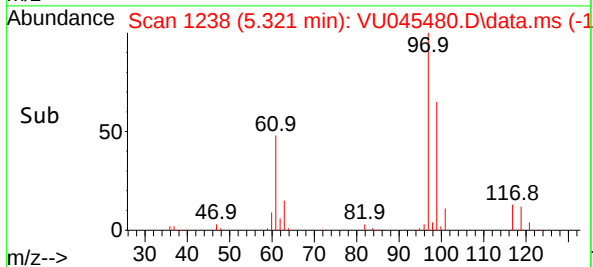
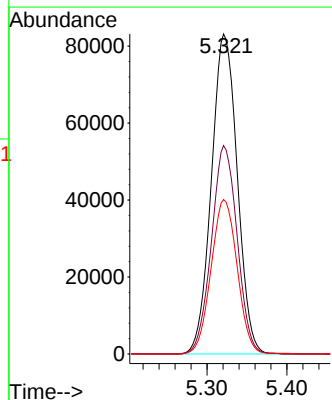
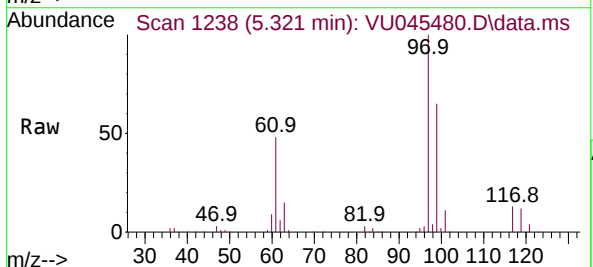
Tgt Ion: 97 Resp: 186969

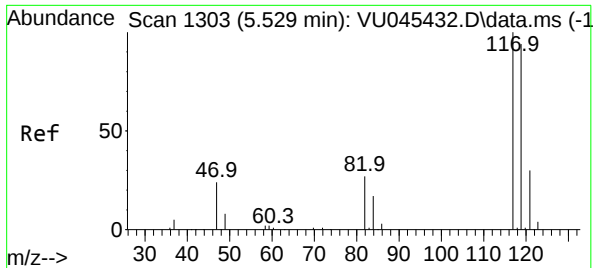
Ion Ratio Lower Upper

97 100

99 64.7 51.3 76.9

61 48.6 38.8 58.2

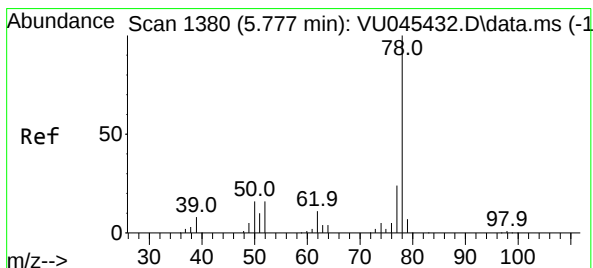
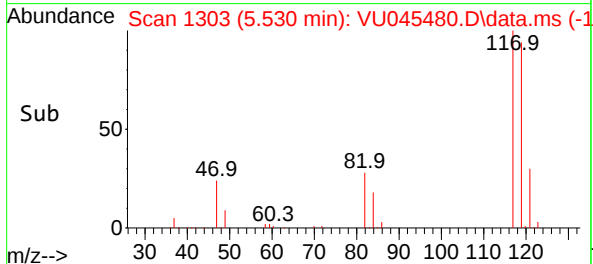
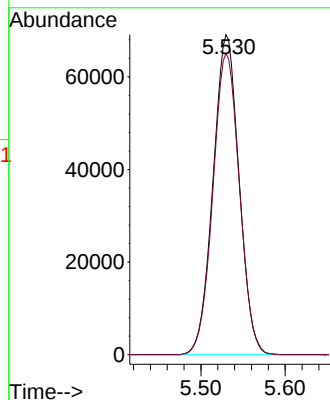
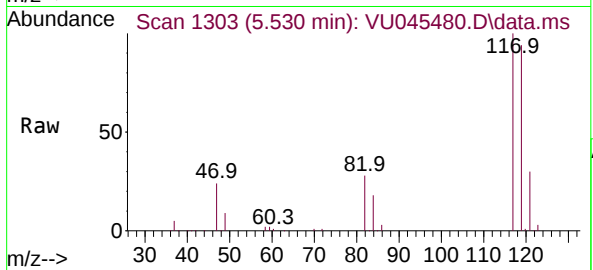




#31
Carbon tetrachloride
Concen: 49.458 ug/L
RT: 5.530 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045480.D
Acq: 01 Nov 2021 10:54

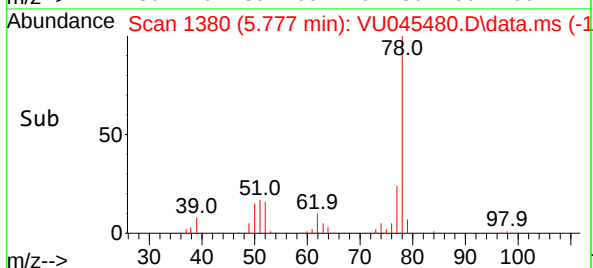
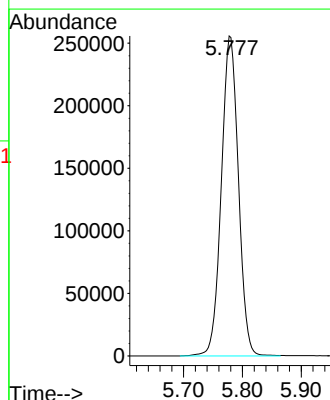
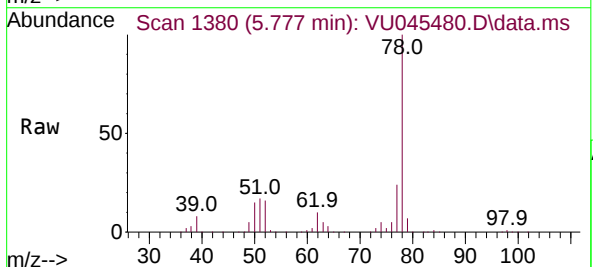
Instrument :
MSVOA_U
ClientSampleId :

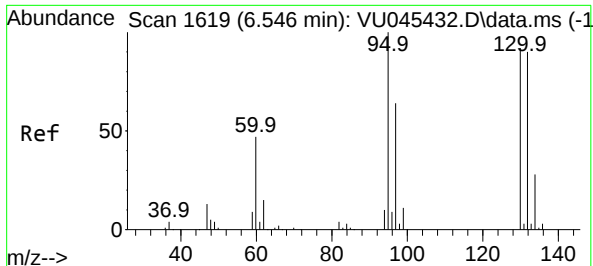
Tgt Ion:117 Resp: 147692
Ion Ratio Lower Upper
117 100
119 96.0 77.0 115.4



#33
Benzene
Concen: 50.006 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU045480.D
Acq: 01 Nov 2021 10:54

Tgt Ion: 78 Resp: 515882

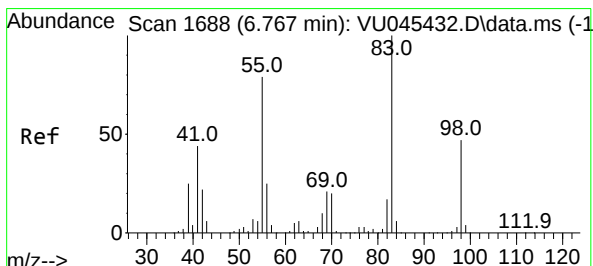
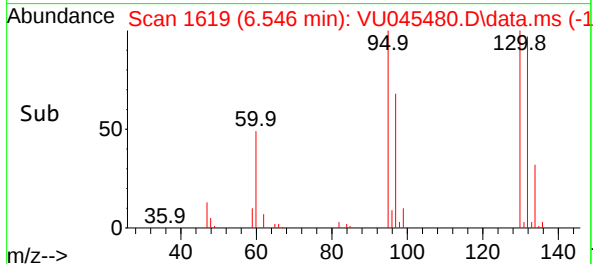
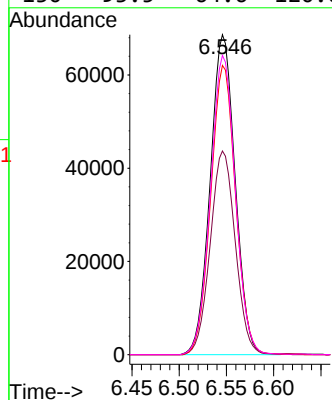
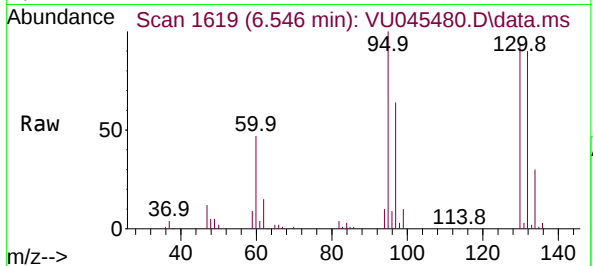




#34
Trichloroethene
Concen: 50.883 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045480.D
Acq: 01 Nov 2021 10:54

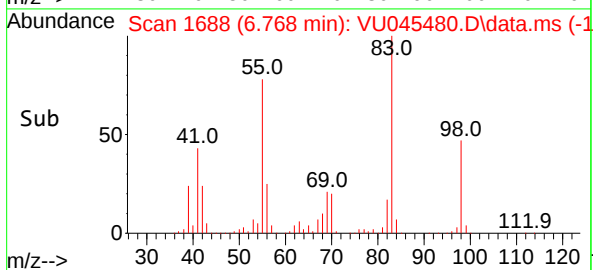
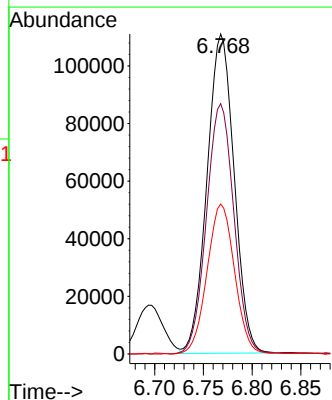
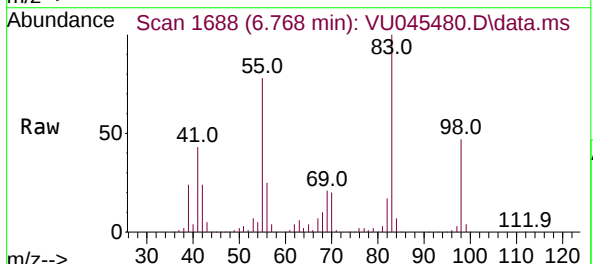
Instrument :
MSVOA_U
ClientSampleId :

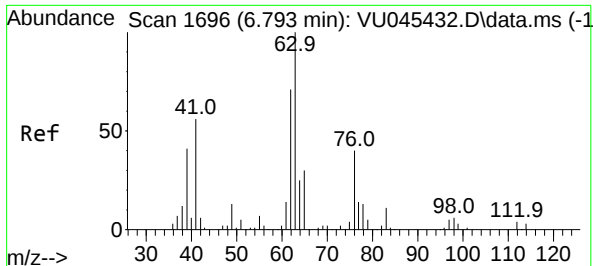
Tgt Ion: 95 Resp: 126009
Ion Ratio Lower Upper
95 100
97 63.7 45.0 83.6
132 90.4 63.3 117.7
130 93.5 64.6 120.0



#35
Methylcyclohexane
Concen: 49.924 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU045480.D
Acq: 01 Nov 2021 10:54

Tgt Ion: 83 Resp: 214825
Ion Ratio Lower Upper
83 100
55 79.7 62.8 94.2
98 47.5 37.4 56.2





#37

1,2-Dichloropropane

Concen: 49.854 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045480.D

Acq: 01 Nov 2021 10:54

Instrument :

MSVOA_U

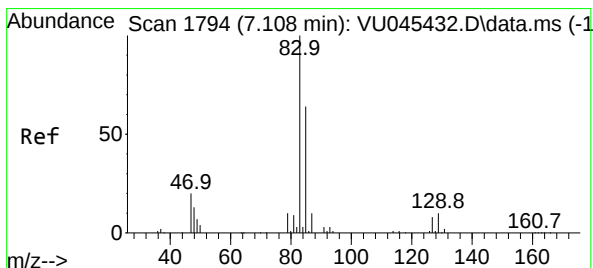
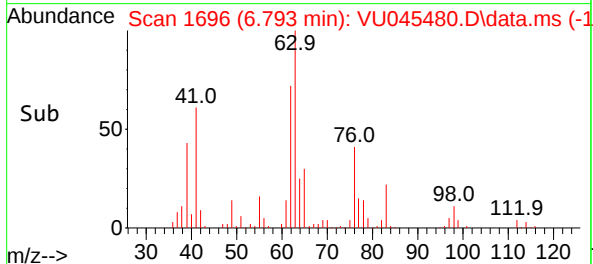
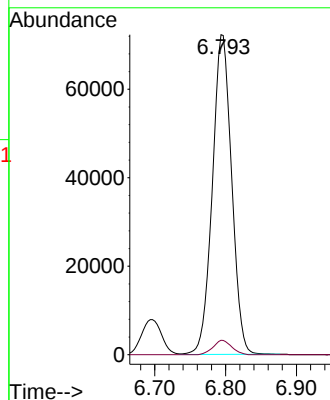
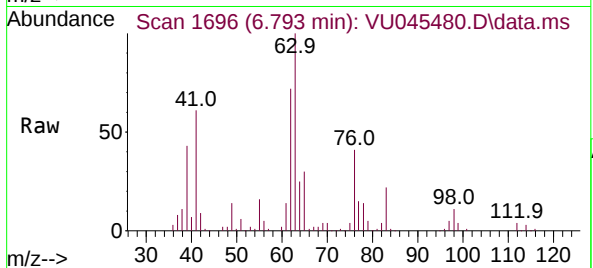
ClientSampleId :

Tgt Ion: 63 Resp: 136542

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.2



#38

Bromodichloromethane

Concen: 50.306 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU045480.D

Acq: 01 Nov 2021 10:54

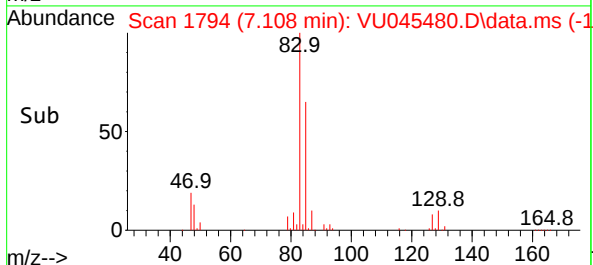
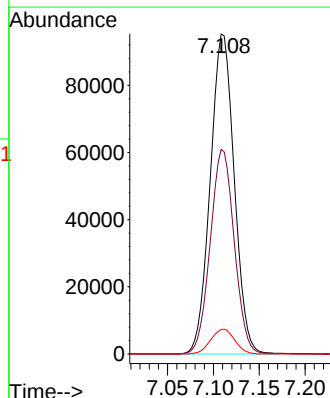
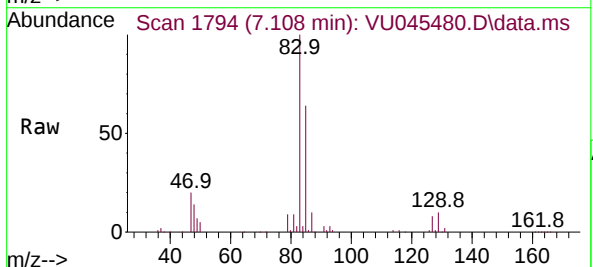
Tgt Ion: 83 Resp: 173236

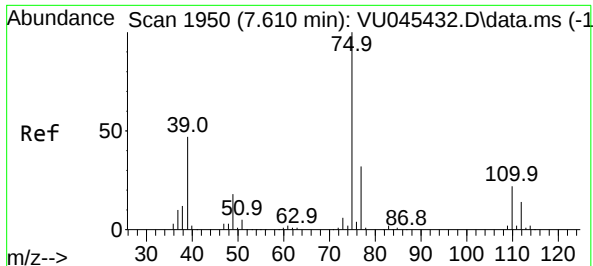
Ion Ratio Lower Upper

83 100

85 63.9 45.1 83.9

127 7.6 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 51.455 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045480.D

Acq: 01 Nov 2021 10:54

Instrument :

MSVOA_U

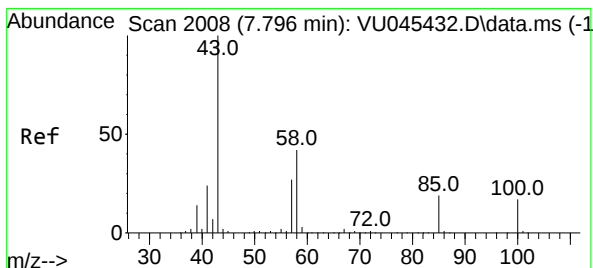
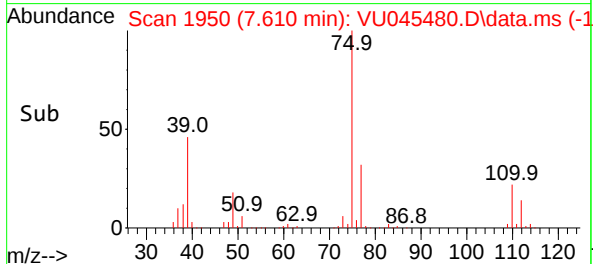
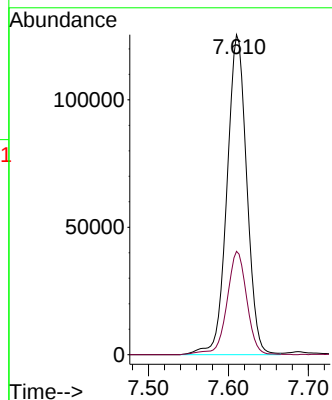
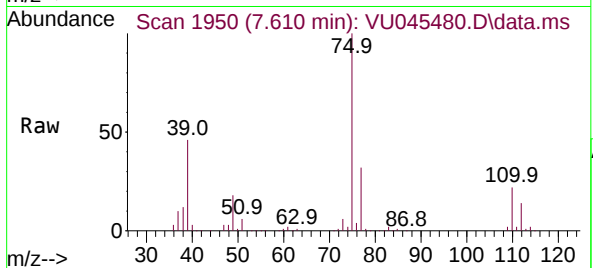
ClientSampleId :

Tgt Ion: 75 Resp: 215585

Ion Ratio Lower Upper

75 100

77 32.3 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 101.854 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU045480.D

Acq: 01 Nov 2021 10:54

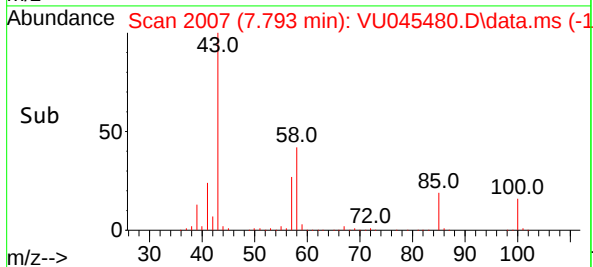
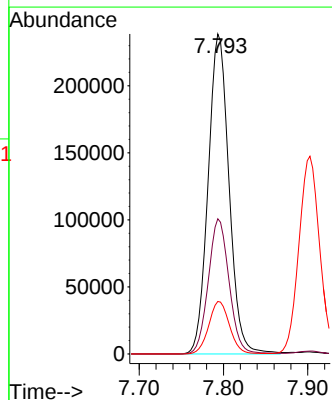
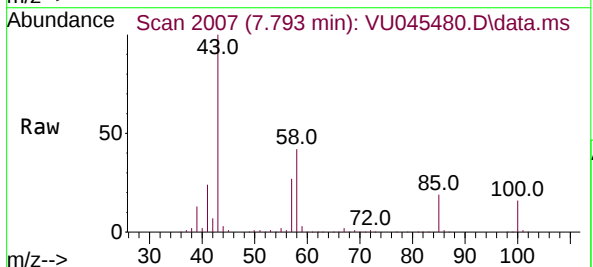
Tgt Ion: 43 Resp: 411690

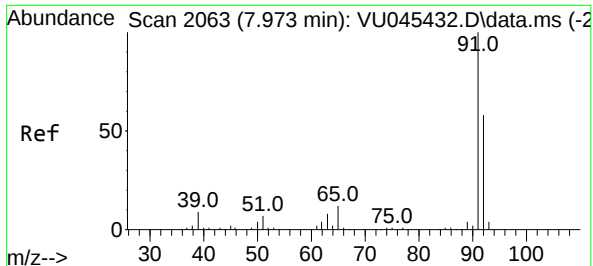
Ion Ratio Lower Upper

43 100

58 42.1 33.9 50.9

100 16.4 13.3 19.9





#42

Toluene

Concen: 50.495 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU045480.D

Acq: 01 Nov 2021 10:54

Instrument :

MSVOA_U

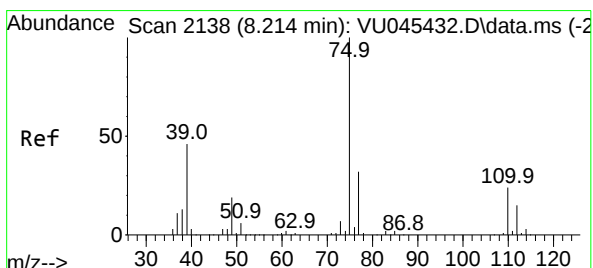
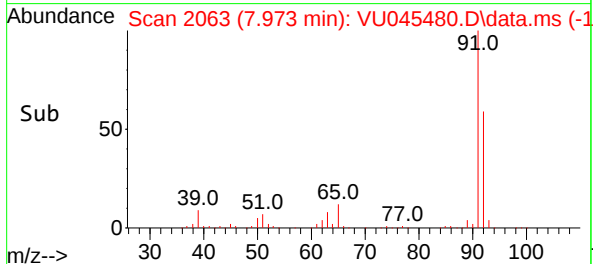
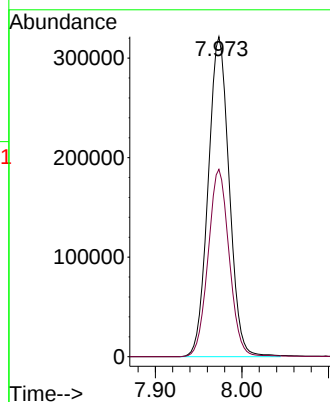
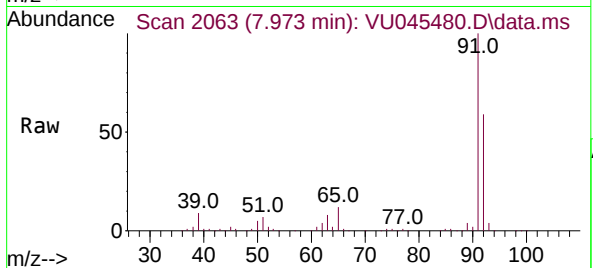
ClientSampleId :

Tgt Ion: 91 Resp: 542084

Ion Ratio Lower Upper

91 100

92 58.6 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 52.635 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU045480.D

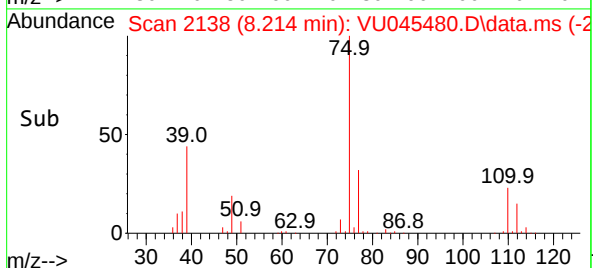
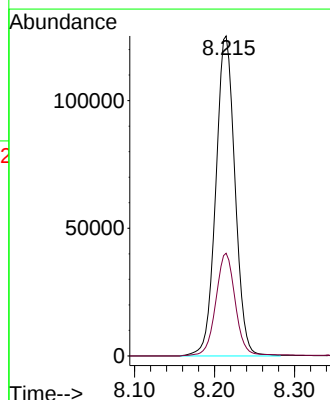
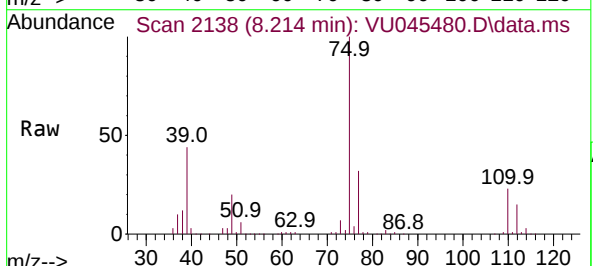
Acq: 01 Nov 2021 10:54

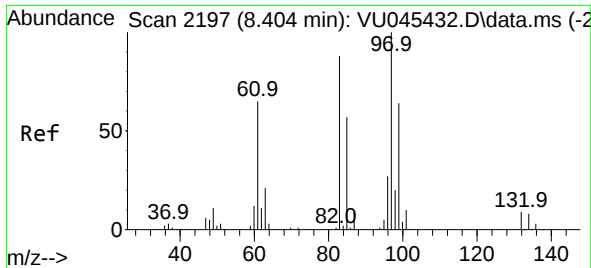
Tgt Ion: 75 Resp: 207946

Ion Ratio Lower Upper

75 100

77 32.1 22.7 42.1



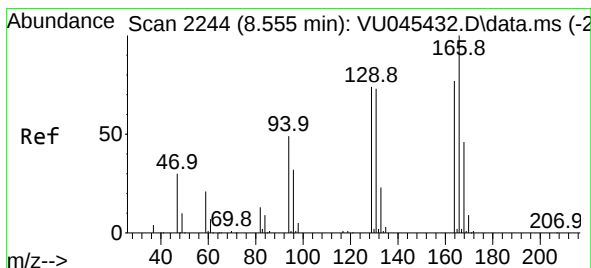
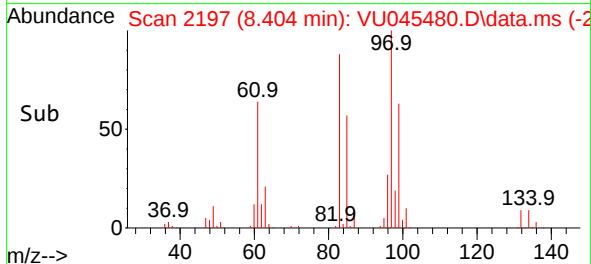
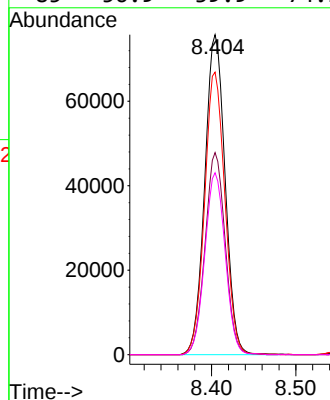
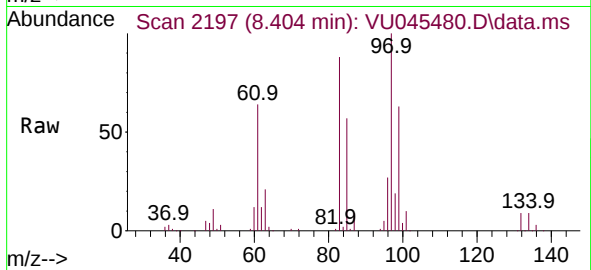


#45
1,1,2-Trichloroethane
Concen: 50.108 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045480.D
Acq: 01 Nov 2021 10:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 127445

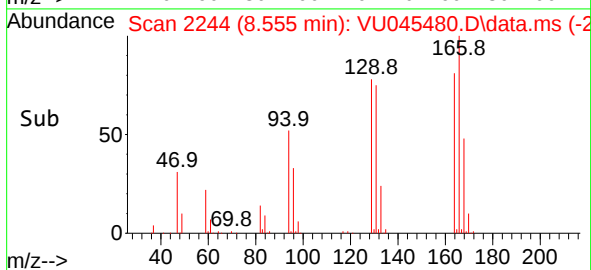
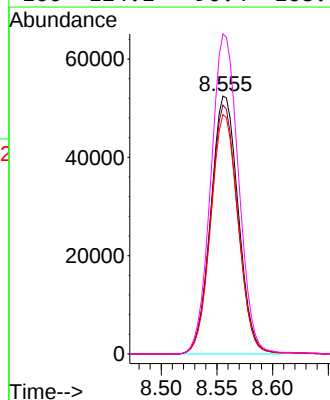
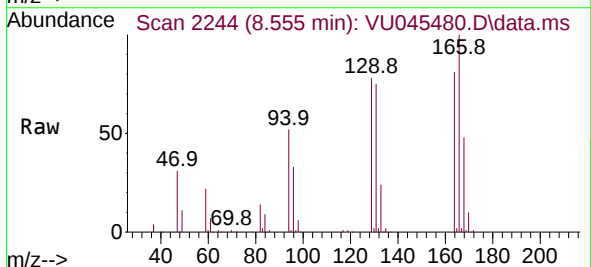
Ion	Ratio	Lower	Upper
97	100		
99	63.2	44.7	82.9
83	88.3	61.5	114.1
85	56.9	39.9	74.1

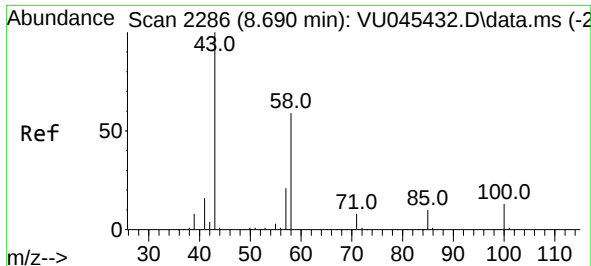


#46
Tetrachloroethene
Concen: 51.242 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045480.D
Acq: 01 Nov 2021 10:54

Tgt Ion: 164 Resp: 90016

Ion	Ratio	Lower	Upper
164	100		
129	96.5	66.8	124.2
131	92.8	65.6	121.8
166	124.1	90.4	168.0

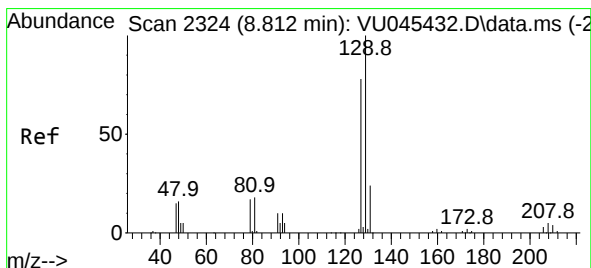
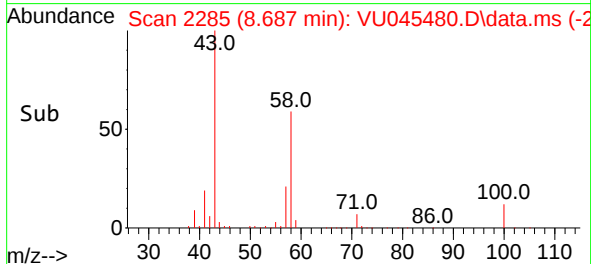
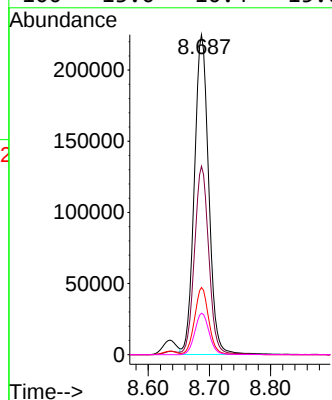
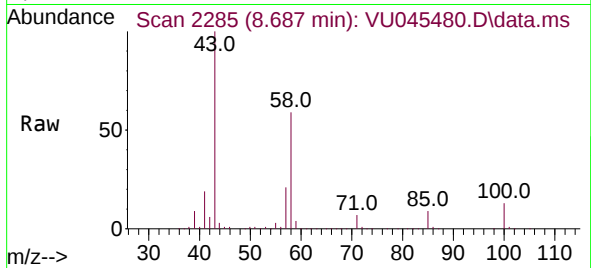




#48
2-Hexanone
Concen: 108.800 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045480.D
Acq: 01 Nov 2021 10:54

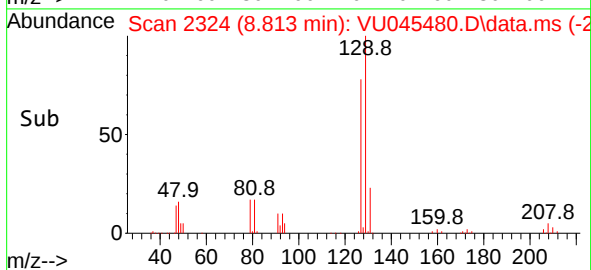
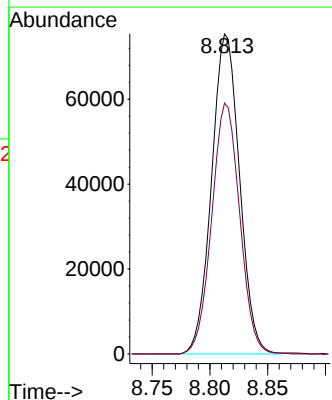
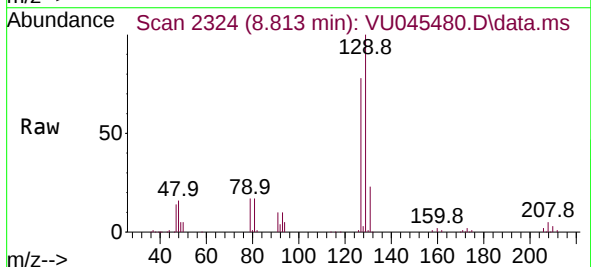
Instrument :
MSVOA_U
ClientSampleId :

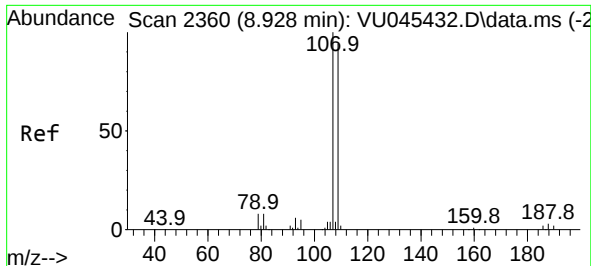
Tgt Ion: 43 Resp: 366294
Ion Ratio Lower Upper
43 100
58 57.9 47.0 70.4
57 20.6 16.3 24.5
100 13.0 10.4 15.6



#49
Dibromochloromethane
Concen: 51.825 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045480.D
Acq: 01 Nov 2021 10:54

Tgt Ion: 129 Resp: 127016
Ion Ratio Lower Upper
129 100
127 78.4 54.9 101.9





#50

1,2-Dibromoethane

Concen: 50.972 ug/L

RT: 8.928 min Scan# 21

Delta R.T. 0.000 min

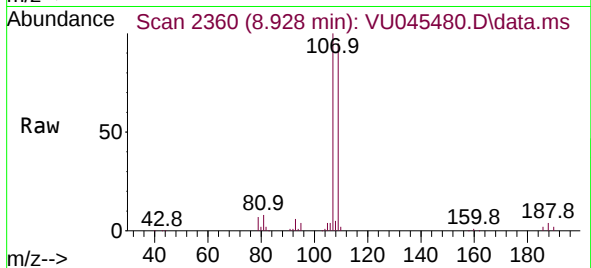
Lab File: VU045480.D

Acq: 01 Nov 2021 10:54

Instrument :

MSVOA_U

ClientSampleId :



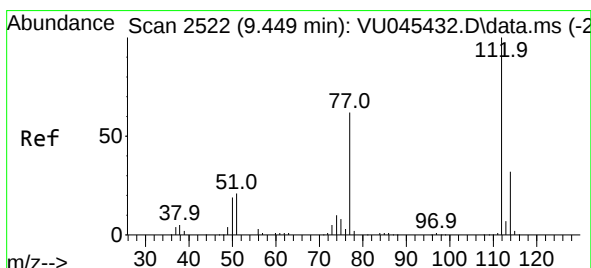
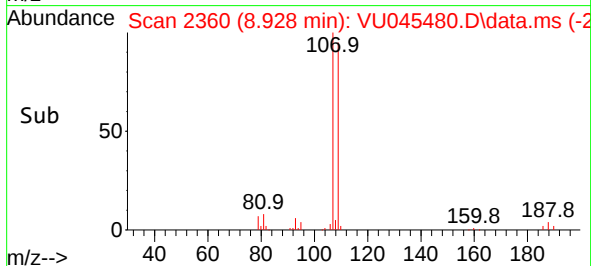
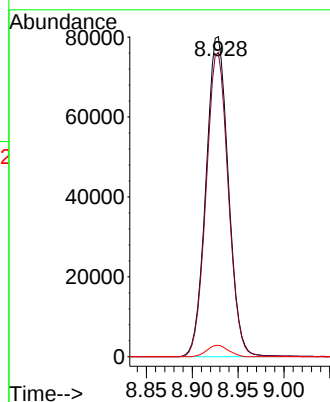
Tgt Ion:107 Resp: 136055

Ion Ratio Lower Upper

107 100

109 95.0 66.1 122.8

188 3.6 2.8 4.2



#51

Chlorobenzene

Concen: 50.687 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU045480.D

Acq: 01 Nov 2021 10:54

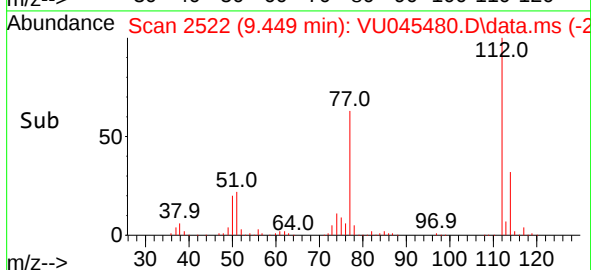
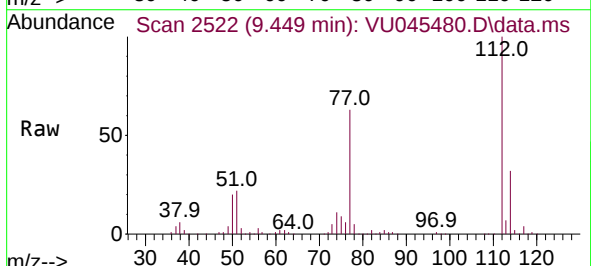
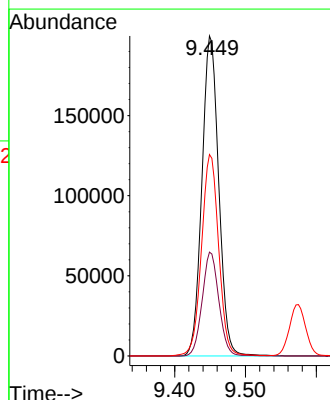
Tgt Ion:112 Resp: 328794

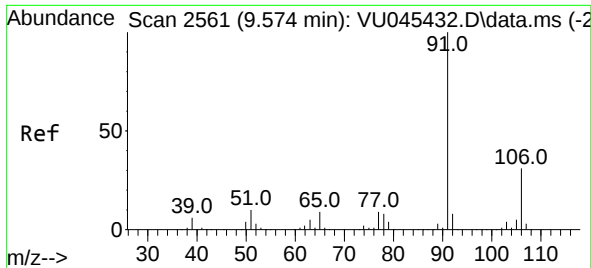
Ion Ratio Lower Upper

112 100

114 32.5 22.5 41.7

77 62.9 49.8 74.6

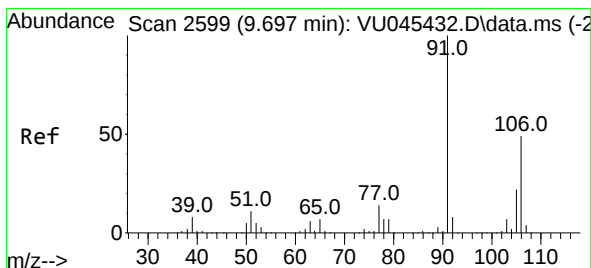
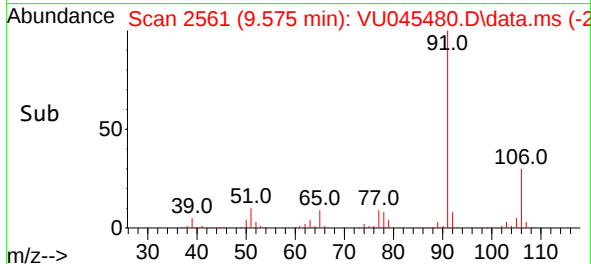
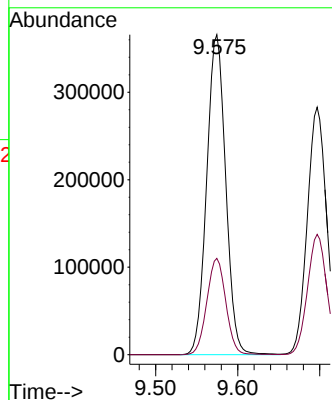
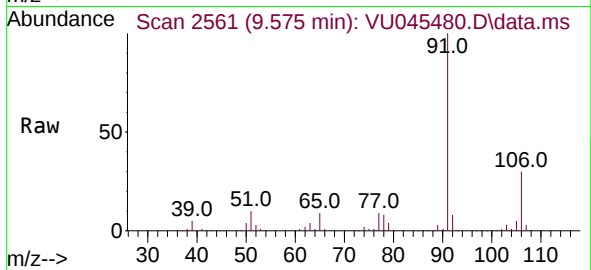




#52
Ethylbenzene
Concen: 51.636 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045480.D
Acq: 01 Nov 2021 10:54

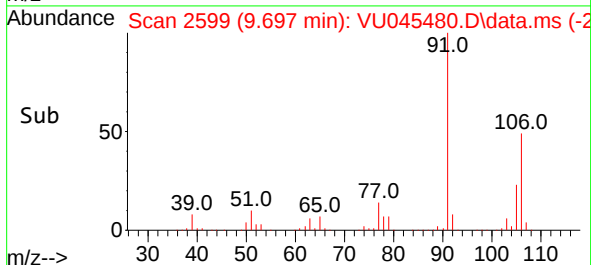
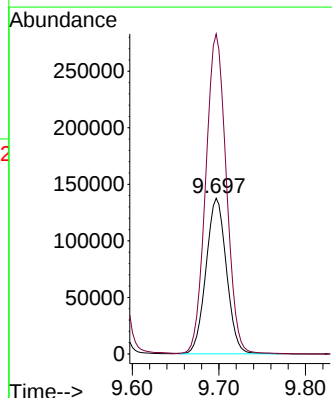
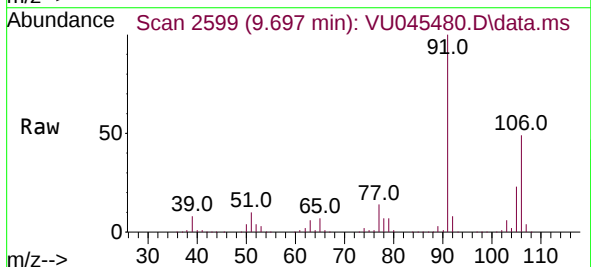
Instrument :
MSVOA_U
ClientSampleId :

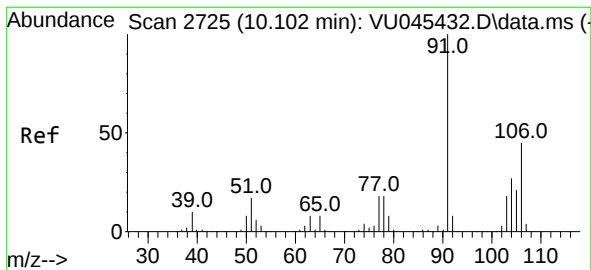
Tgt Ion: 91 Resp: 587967
Ion Ratio Lower Upper
91 100
106 30.1 21.7 40.3



#53
m,p-Xylene
Concen: 51.676 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045480.D
Acq: 01 Nov 2021 10:54

Tgt Ion:106 Resp: 225173
Ion Ratio Lower Upper
106 100
91 205.6 142.2 264.2





#54

o-xylene

Concen: 51.182 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. 0.000 min

Lab File: VU045480.D

Acq: 01 Nov 2021 10:54

Instrument :

MSVOA_U

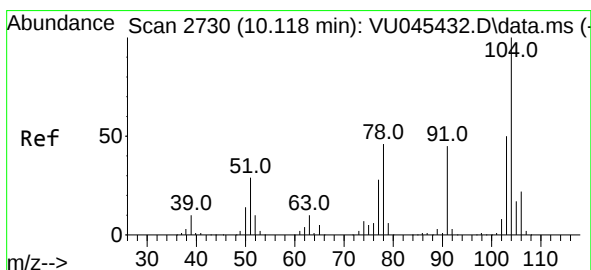
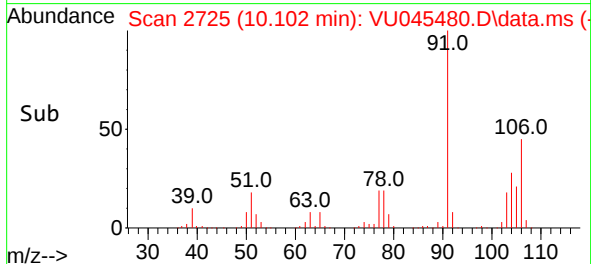
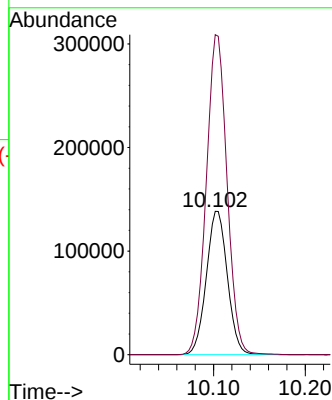
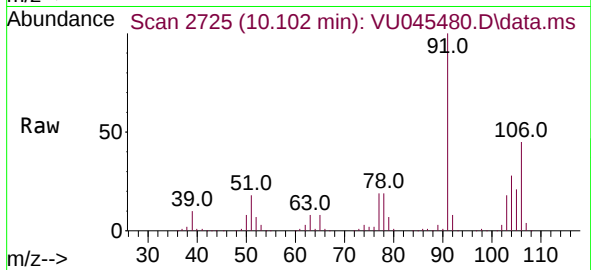
ClientSampleId :

Tgt Ion:106 Resp: 220890

Ion Ratio Lower Upper

106 100

91 223.3 155.2 288.2



#55

Styrene

Concen: 53.546 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. 0.000 min

Lab File: VU045480.D

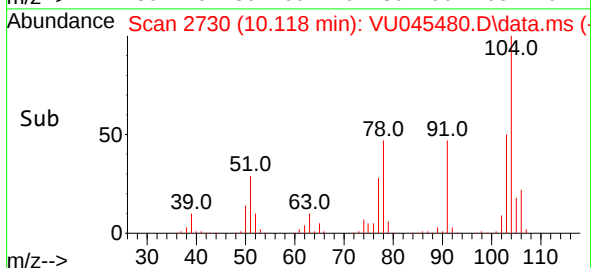
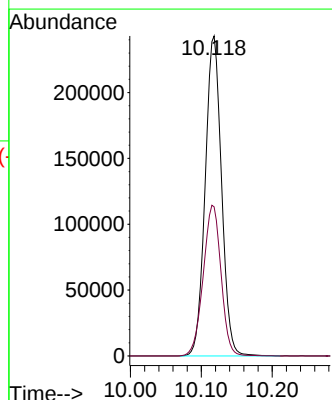
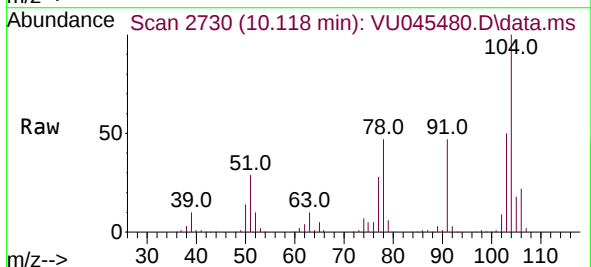
Acq: 01 Nov 2021 10:54

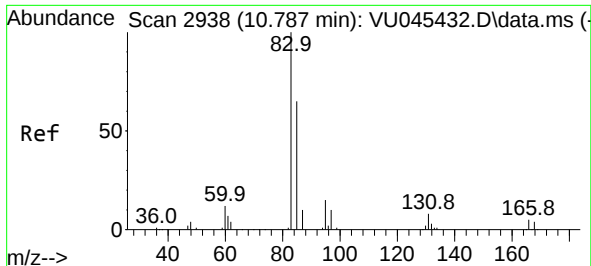
Tgt Ion:104 Resp: 388247

Ion Ratio Lower Upper

104 100

78 46.6 32.6 60.6

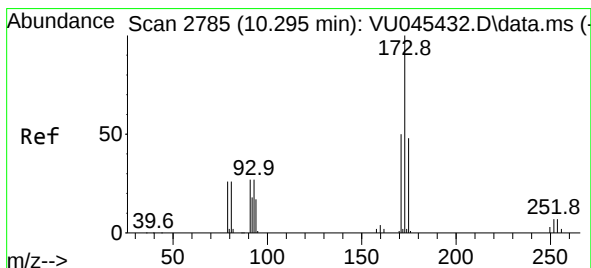
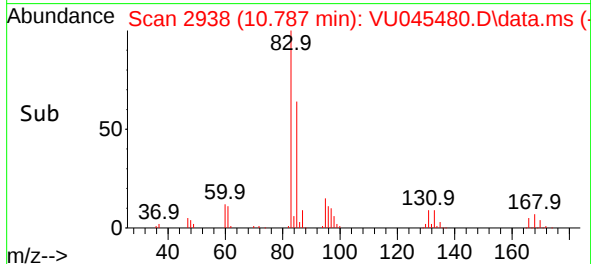
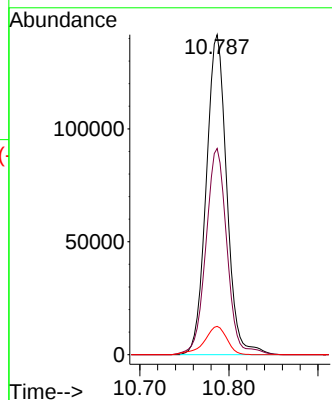
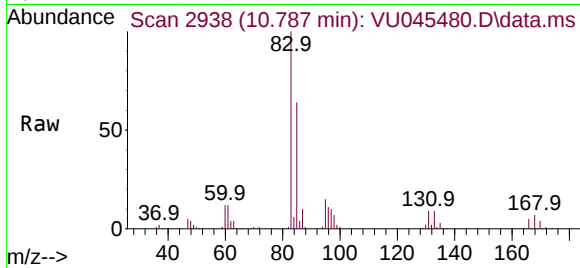




#57
1,1,2,2-Tetrachloroethane
Concen: 49.996 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045480.D
Acq: 01 Nov 2021 10:54

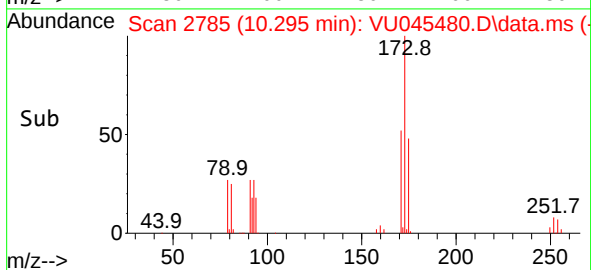
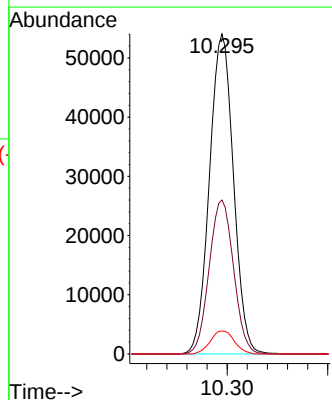
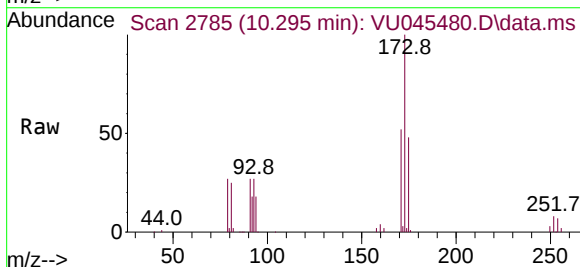
Instrument :
MSVOA_U
ClientSampleId :

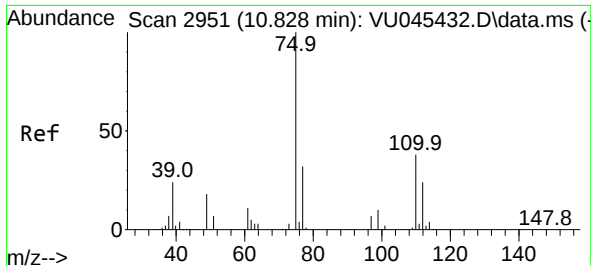
Tgt Ion: 83 Resp: 225901
Ion Ratio Lower Upper
83 100
85 64.5 46.0 85.4
131 8.9 7.0 10.4



#59
Bromoform
Concen: 50.450 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU045480.D
Acq: 01 Nov 2021 10:54

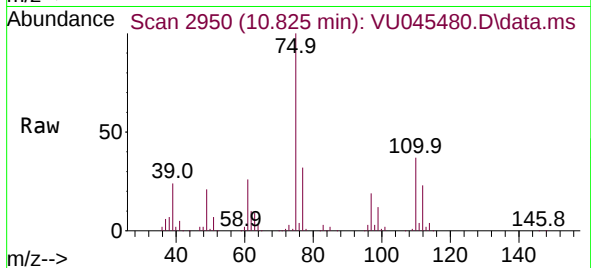
Tgt Ion:173 Resp: 89551
Ion Ratio Lower Upper
173 100
175 48.8 38.7 58.1
254 7.2 5.8 8.8



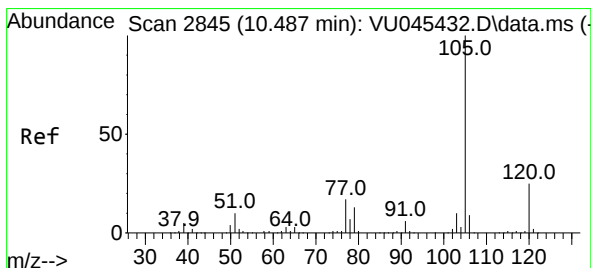
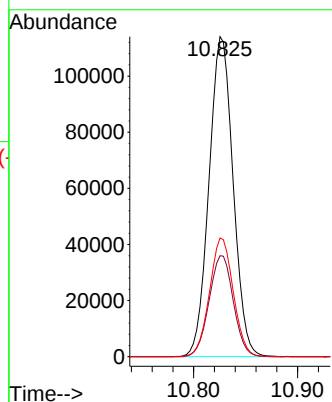
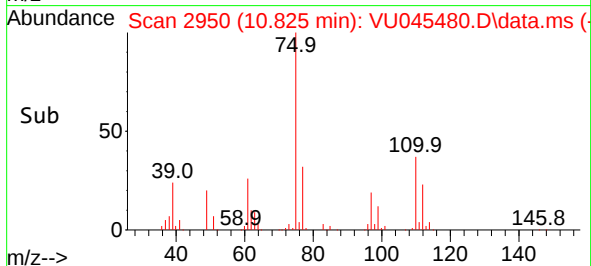


#60
1,2,3-Trichloropropane
Concen: 48.460 ug/L
RT: 10.825 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU045480.D
Acq: 01 Nov 2021 10:54

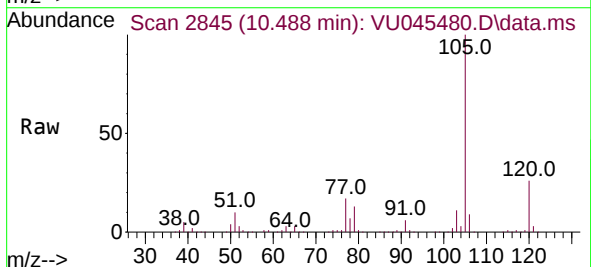
Instrument :
MSVOA_U
ClientSampleId :



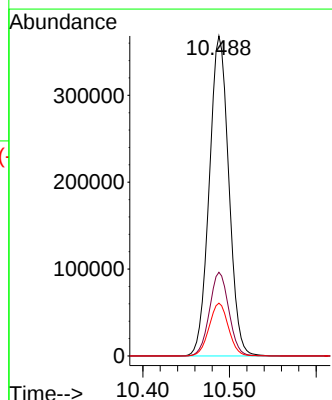
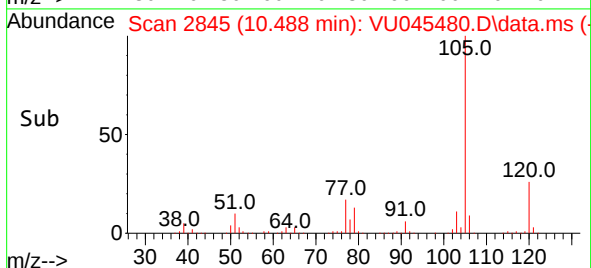
Tgt Ion: 75 Resp: 183689
Ion Ratio Lower Upper
75 100
77 31.8 25.9 38.9
110 36.5 29.8 44.8

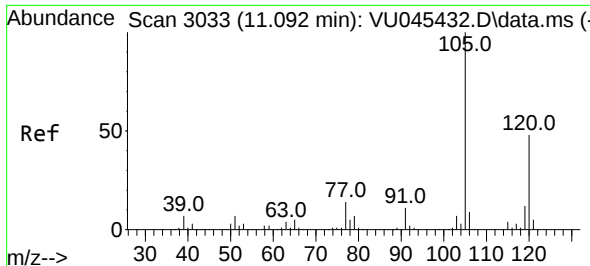


#61
Isopropylbenzene
Concen: 50.610 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045480.D
Acq: 01 Nov 2021 10:54



Tgt Ion: 105 Resp: 575858
Ion Ratio Lower Upper
105 100
120 26.0 20.4 30.6
77 16.3 13.3 19.9

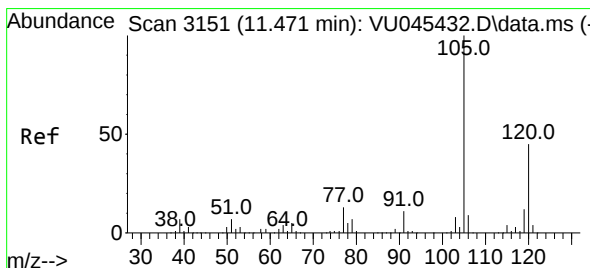
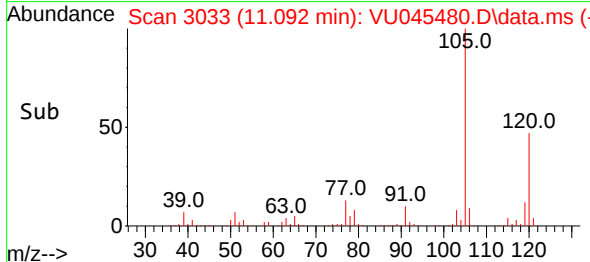
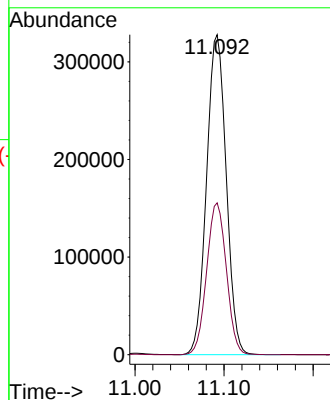
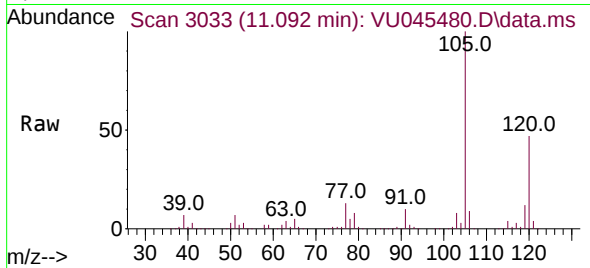




#62
1,3,5-Trimethylbenzene
Concen: 51.692 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045480.D
Acq: 01 Nov 2021 10:54

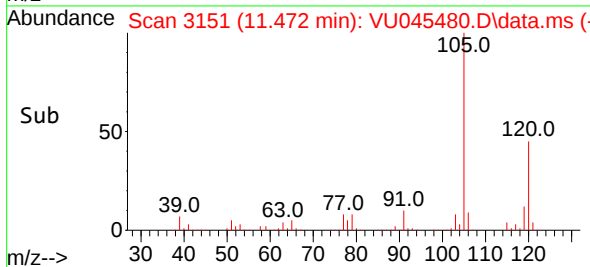
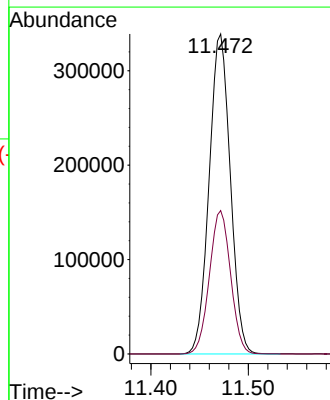
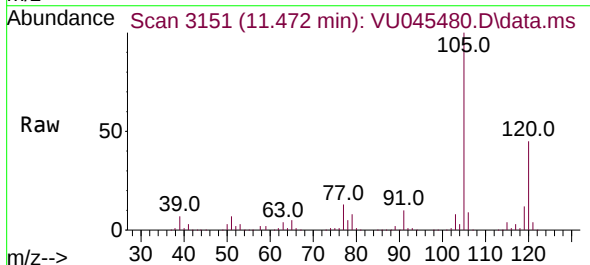
Instrument :
MSVOA_U
ClientSampleId :

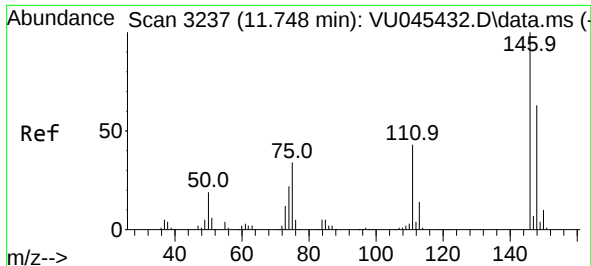
Tgt Ion:105 Resp: 500925
Ion Ratio Lower Upper
105 100
120 47.6 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 51.876 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045480.D
Acq: 01 Nov 2021 10:54

Tgt Ion:105 Resp: 510912
Ion Ratio Lower Upper
105 100
120 44.8 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 51.287 ug/L

RT: 11.748 min Scan# 3237

Delta R.T. 0.000 min

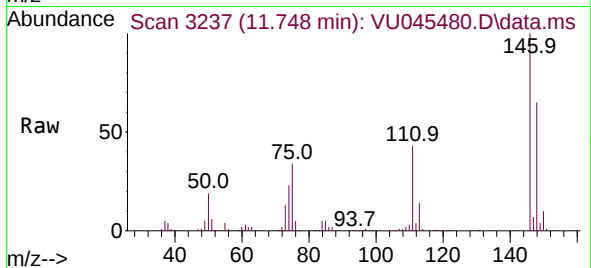
Lab File: VU045480.D

Acq: 01 Nov 2021 10:54

Instrument :

MSVOA_U

ClientSampleId :



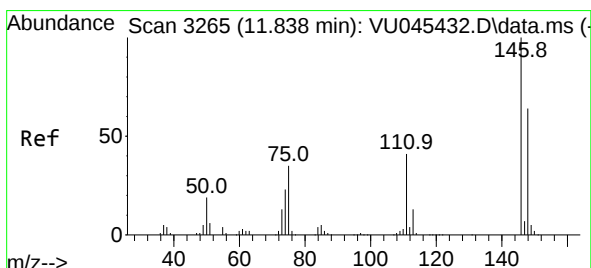
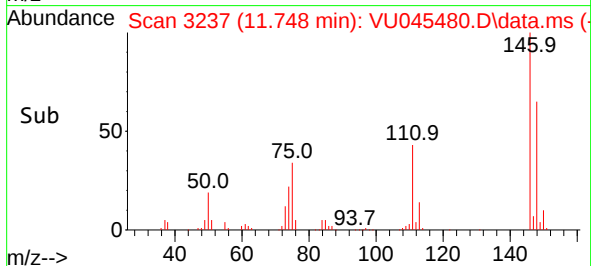
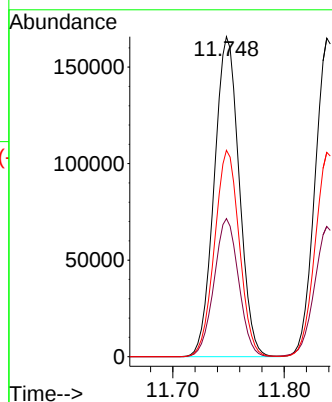
Tgt Ion:146 Resp: 258067

Ion Ratio Lower Upper

146 100

111 43.1 29.8 55.4

148 64.5 44.1 81.9



#65

1,4-Dichlorobenzene

Concen: 51.057 ug/L

RT: 11.838 min Scan# 3265

Delta R.T. 0.000 min

Lab File: VU045480.D

Acq: 01 Nov 2021 10:54

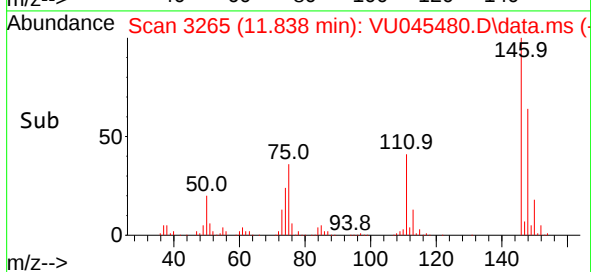
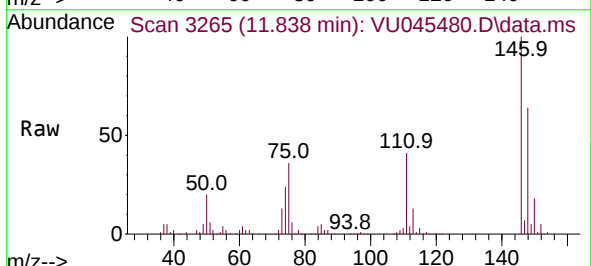
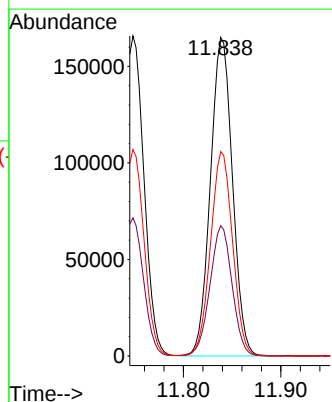
Tgt Ion:146 Resp: 259904

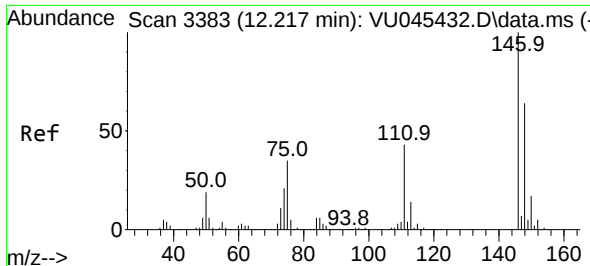
Ion Ratio Lower Upper

146 100

111 40.9 28.6 53.0

148 64.1 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 49.413 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU045480.D

Acq: 01 Nov 2021 10:54

Instrument :

MSVOA_U

ClientSampleId :

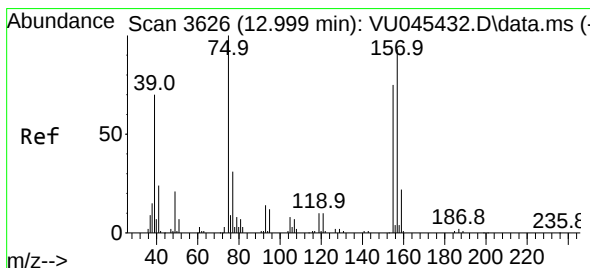
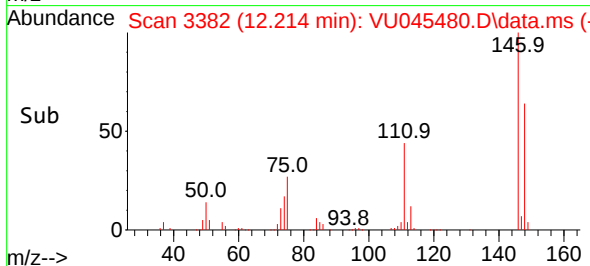
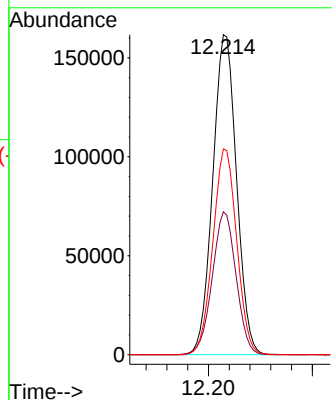
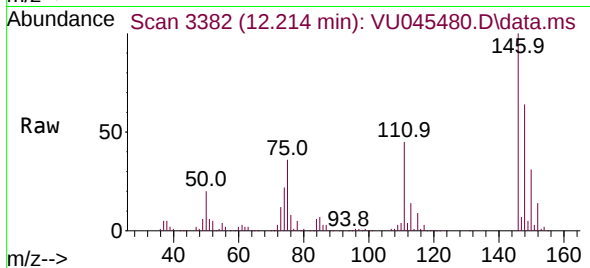
Tgt Ion:146 Resp: 257330

Ion Ratio Lower Upper

146 100

111 44.6 34.6 52.0

148 64.3 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 50.637 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU045480.D

Acq: 01 Nov 2021 10:54

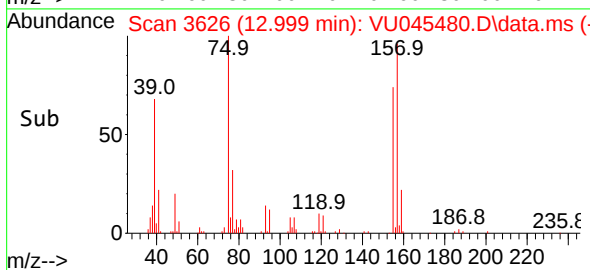
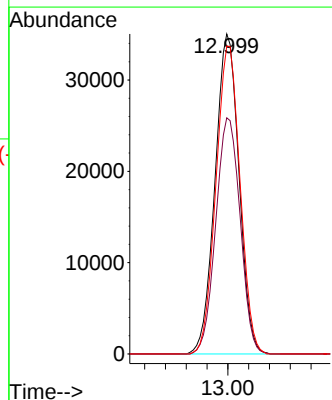
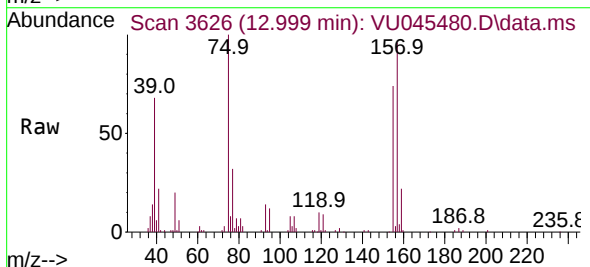
Tgt Ion: 75 Resp: 56039

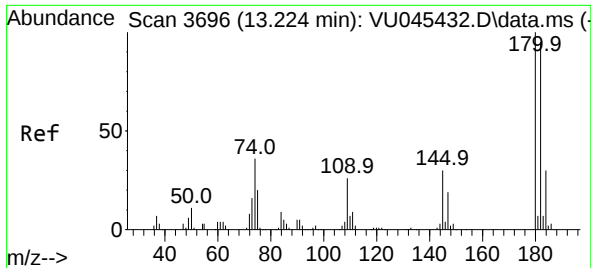
Ion Ratio Lower Upper

75 100

155 73.8 60.0 90.0

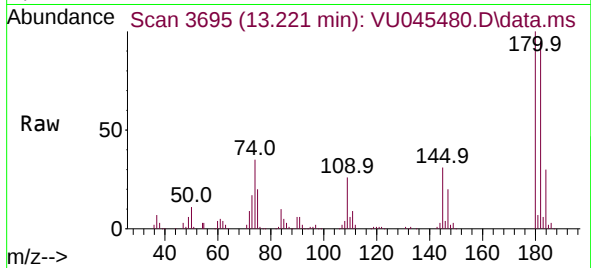
157 96.3 77.9 116.9



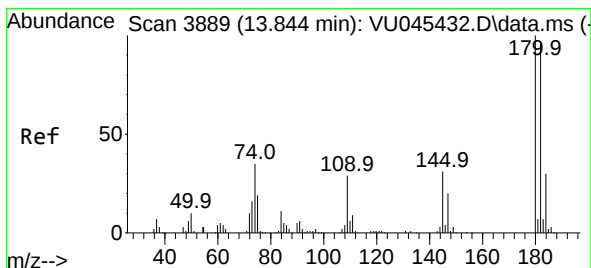
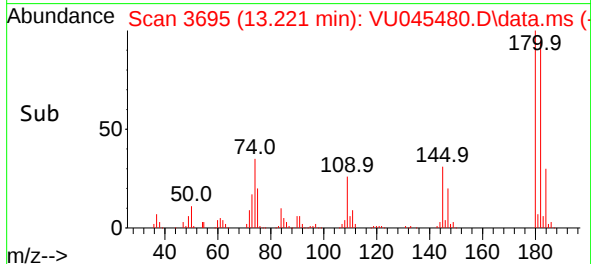
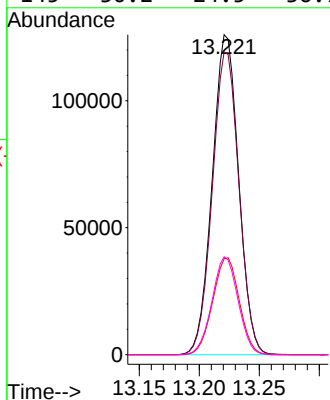


#69
 1,3,5-Trichlorobenzene
 Concen: 51.866 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.003 min
 Lab File: VU045480.D
 Acq: 01 Nov 2021 10:54

Instrument :
 MSVOA_U
 ClientSampleId :

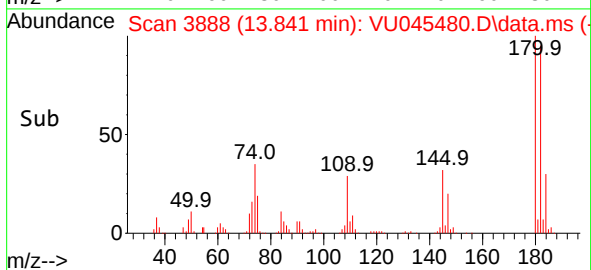
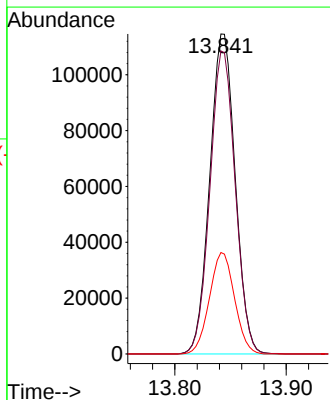
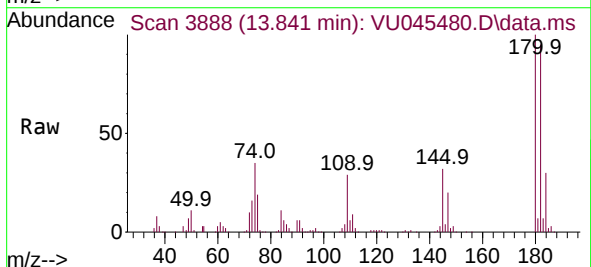


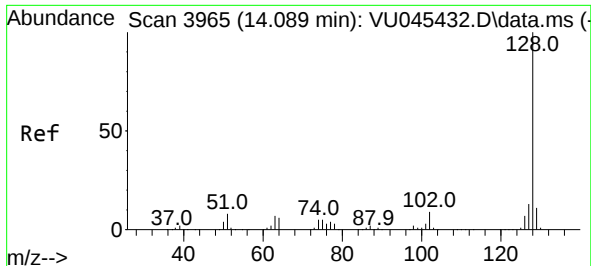
Tgt Ion:180 Resp: 192501
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.6 114.8
 184 30.5 23.9 35.9
 145 30.2 24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 53.593 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.003 min
 Lab File: VU045480.D
 Acq: 01 Nov 2021 10:54

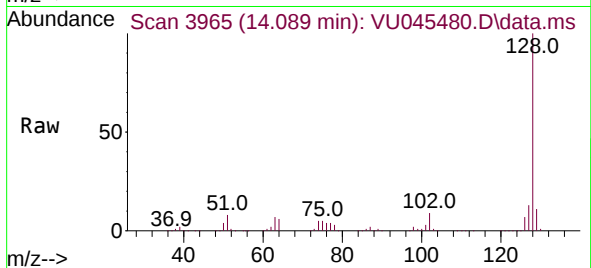
Tgt Ion:180 Resp: 181729
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.1 114.1
 145 31.3 25.3 37.9



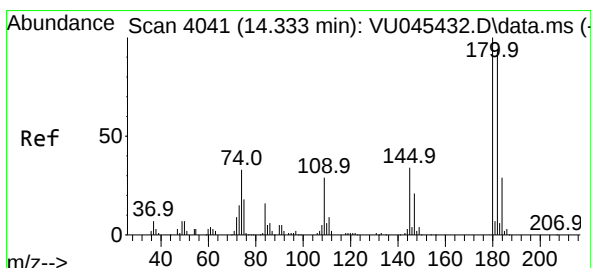
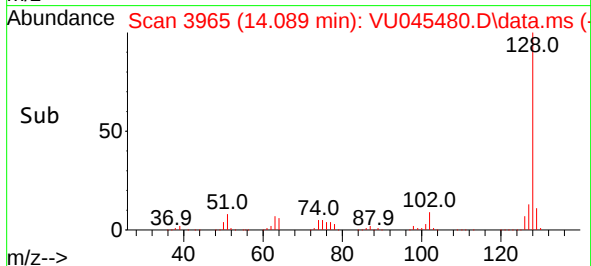
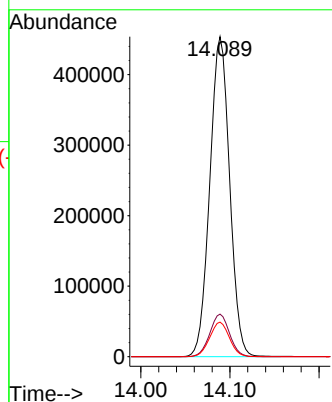


#71
Naphthalene
Concen: 54.222 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045480.D
Acq: 01 Nov 2021 10:54

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 700627
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 52.991 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045480.D
Acq: 01 Nov 2021 10:54

Tgt Ion:180 Resp: 183887
Ion Ratio Lower Upper
180 100
182 95.4 75.7 113.5
145 33.1 27.0 40.4

