

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
 Data File : VU047537.D
 Acq On : 14 Mar 2022 15:43
 Operator : SY/MD
 Sample : VSTD00124
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001024

Quant Time: Mar 15 05:16:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 15 05:13:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	150751	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	146800	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	78167	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	9538	0.967	ug/L	0.00
7) Chloroethane-d5	1.919	69	8548	0.955	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	4306	0.931	ug/L	0.00
20) 2-Butanone-d5	4.652	46	29684	10.464	ug/L	0.01
24) Chloroform-d	5.067	84	21492	0.993	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	11760	1.002	ug/L	0.00
32) Benzene-d6	5.732	84	40696	0.952	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	13154	0.979	ug/L	0.00
41) Toluene-d8	7.899	98	37457	0.935	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	5290	0.936	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	26945	9.200	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	13679	1.019	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	16942	1.037	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	8053	0.868	ug/L	99
3) Chloromethane	1.523	50	8257	0.908	ug/L	97
5) Vinyl chloride	1.607	62	8435	0.899	ug/L	97
6) Bromomethane	1.861	94	4042	0.916	ug/L	98
8) Chloroethane	1.941	64	5185	0.915	ug/L	96
9) Trichlorofluoromethane	2.144	101	10934	0.889	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	6762	0.871	ug/L	96
12) 1,1-Dichloroethene	2.588	96	6942	0.924	ug/L	82
13) Acetone	2.658	43	11129	10.062	ug/L	96
14) Carbon disulfide	2.800	76	20487	0.907	ug/L	99
15) Methyl Acetate	2.967	43	2325	0.762	ug/L	95
16) Methylene chloride	3.054	84	13490	1.218	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	16877	0.876	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	7531	0.933	ug/L	94
19) 1,1-Dichloroethane	3.874	63	12747	0.898	ug/L	98
21) 2-Butanone	4.732	43	19841	9.428	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	7911	0.883	ug/L	94
23) Bromochloromethane	4.980	128	4159	0.915	ug/L	98
25) Chloroform	5.092	83	14216	0.911	ug/L	97
27) 1,2-Dichloroethane	5.800	62	8989	0.900	ug/L	97
29) 1,1,1-Trichloroethane	5.321	97	11699	0.896	ug/L	99
30) Cyclohexane	5.395	56	9445	0.838	ug/L	99
31) Carbon tetrachloride	5.530	117	10085	0.878	ug/L	100
33) Benzene	5.777	78	29488	0.889	ug/L	100
34) Trichloroethene	6.546	95	7943	0.904	ug/L	94
35) Methylcyclohexane	6.768	83	10305	0.815	ug/L	95
37) 1,2-Dichloropropane	6.793	63	7542	0.887	ug/L	100
38) Bromodichloromethane	7.108	83	10233	0.874	ug/L	95
39) cis-1,3-Dichloropropene	7.610	75	11265	0.853	ug/L	96
40) 4-Methyl-2-pentanone	7.796	43	50288	8.487	ug/L	99
42) Toluene	7.970	91	30941	0.860	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	9718	0.825	ug/L	89

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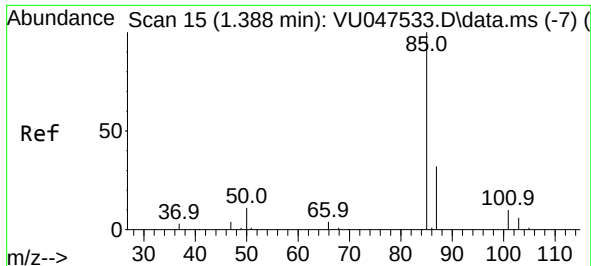
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001024

Quant Time: Mar 15 05:16:54 2022
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	8.401	97	6463	0.887	ug/L	95
47) Tetrachloroethene	8.555	164	6812	0.909	ug/L	99
48) 2-Hexanone	8.690	43	39951	8.860	ug/L	96
49) Dibromochloromethane	8.813	129	7694	0.857	ug/L	98
50) 1,2-Dibromoethane	8.928	107	6366	0.883	ug/L	94
51) Chlorobenzene	9.449	112	21585	0.879	ug/L	92
52) Ethylbenzene	9.571	91	32411	0.851	ug/L	100
53) m,p-Xylene	9.694	106	12351	0.839	ug/L	97
54) o-Xylene	10.102	106	12022	0.826	ug/L	94
55) Styrene	10.115	104	19730	0.790	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.784	83	8427	0.863	ug/L	99
59) Bromoform	10.292	173	4780	0.867	ug/L	97
60) Isopropylbenzene	10.484	105	30636	0.868	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	6270	0.956	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	18580	0.824	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	24228	0.828	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	17780	0.903	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	18600	0.925	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	17900	0.919	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.999	75	1416	0.900	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	15066	0.905	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	13284	0.907	ug/L	100
71) Naphthalene	14.086	128	22563	0.830	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	12758	0.908	ug/L	98

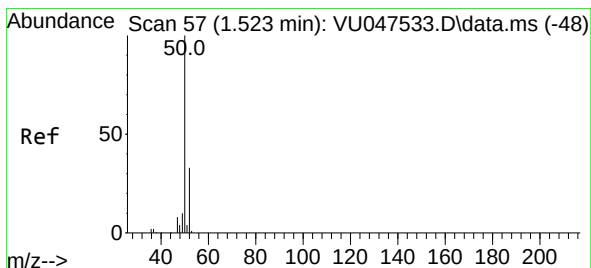
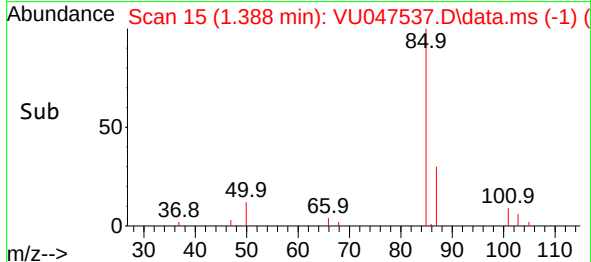
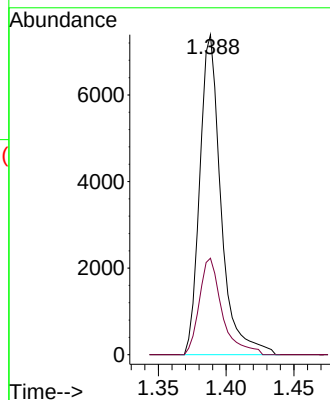
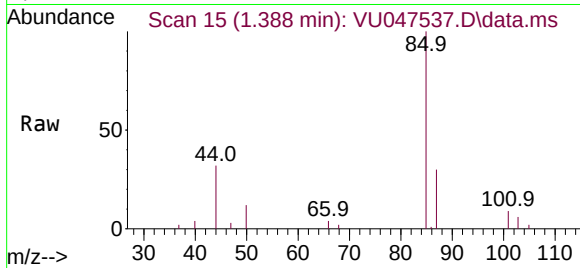
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.868 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047537.D
Acq: 14 Mar 2022 15:43

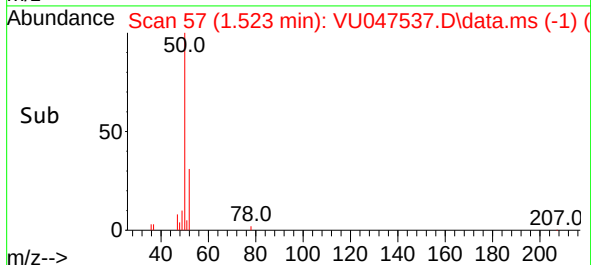
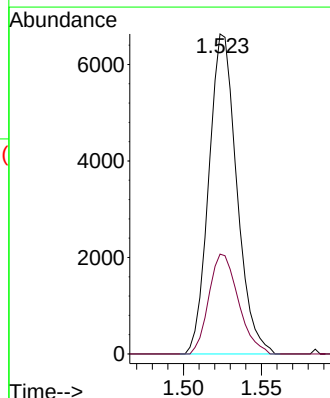
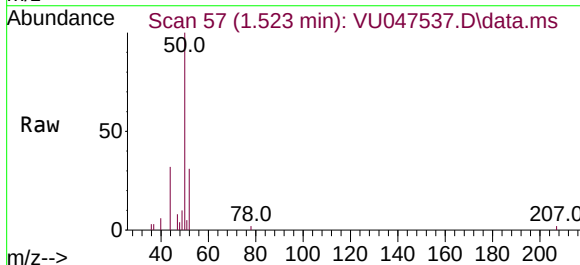
Instrument :
MSVOA_U
ClientSampleId :
VSTD001024

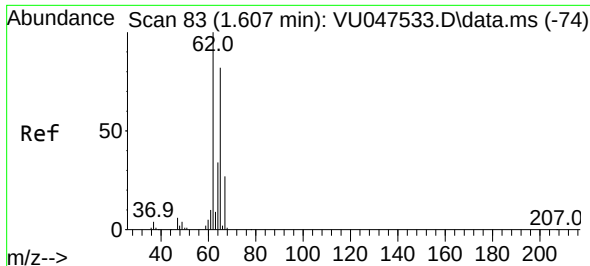
Tgt Ion: 85 Resp: 8053
Ion Ratio Lower Upper
85 100
87 32.4 26.2 39.4



#3
Chloromethane
Concen: 0.908 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU047537.D
Acq: 14 Mar 2022 15:43

Tgt Ion: 50 Resp: 8257
Ion Ratio Lower Upper
50 100
52 31.2 23.2 43.0

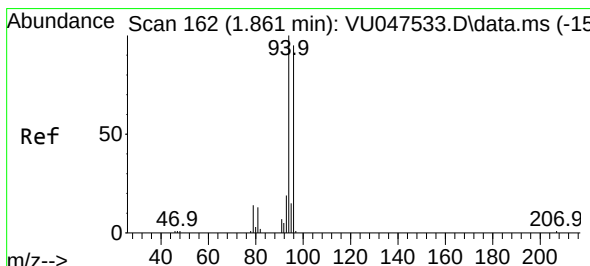
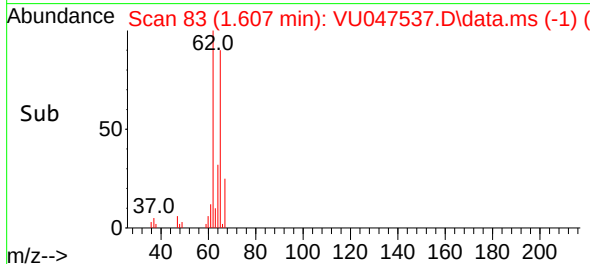
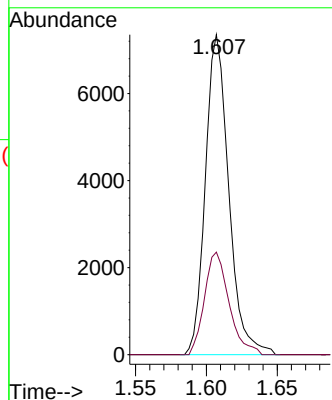
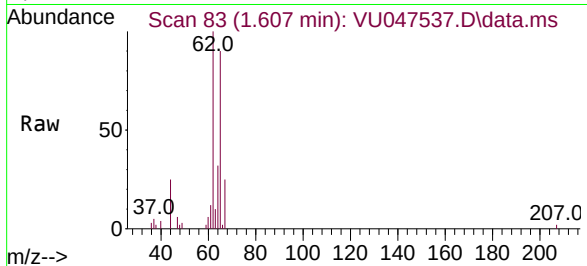




#5
 Vinyl chloride
 Concen: 0.899 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047537.D
 Acq: 14 Mar 2022 15:43

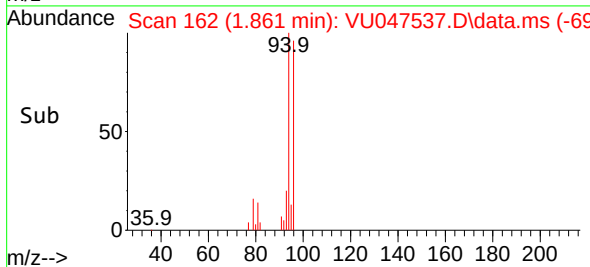
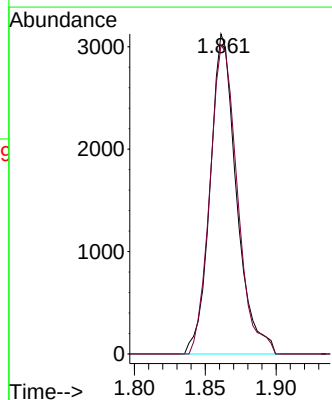
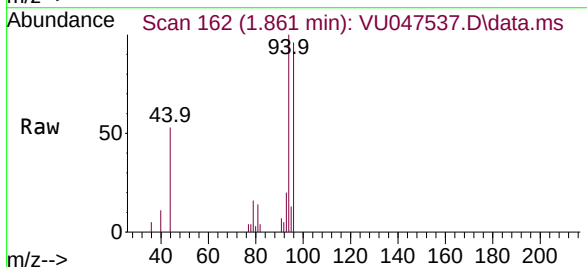
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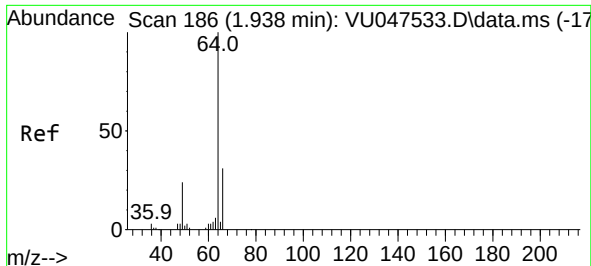
Tgt Ion: 62 Resp: 8435
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.5 43.7



#6
 Bromomethane
 Concen: 0.916 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU047537.D
 Acq: 14 Mar 2022 15:43

Tgt Ion: 94 Resp: 4042
 Ion Ratio Lower Upper
 94 100
 96 96.5 66.5 123.5

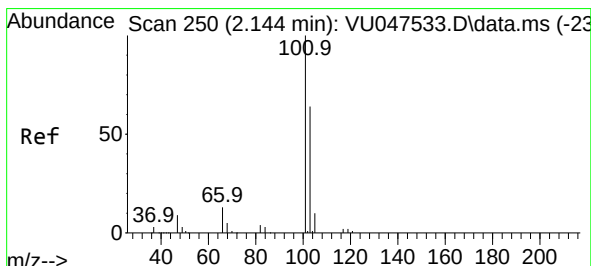
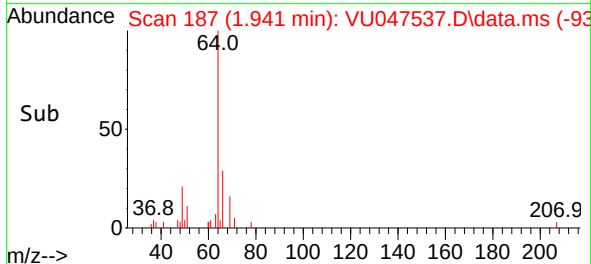
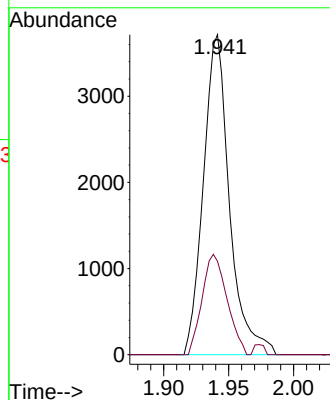
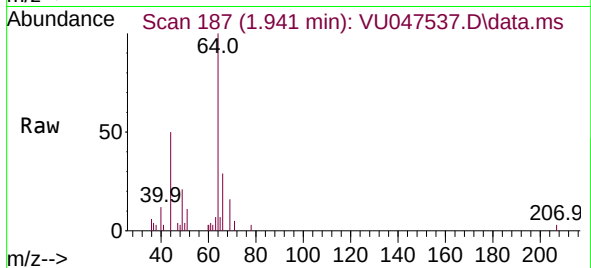




#8
Chloroethane
Concen: 0.915 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU047537.D
Acq: 14 Mar 2022 15:43

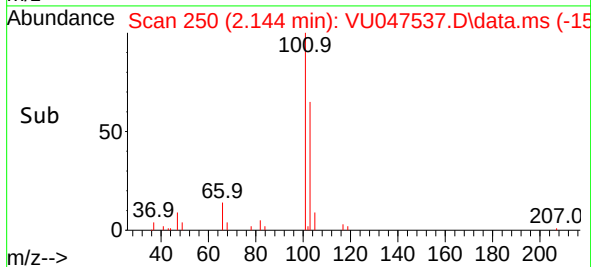
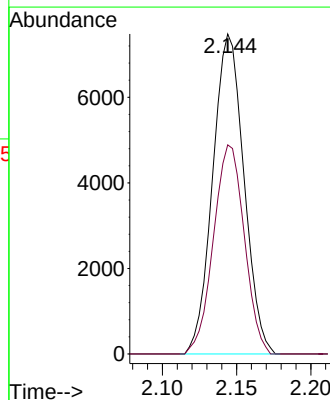
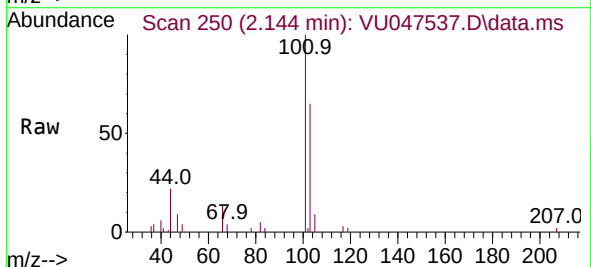
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ClientSampleId :
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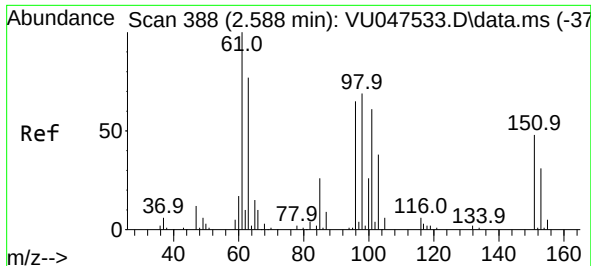
Tgt Ion: 64 Resp: 5185
Ion Ratio Lower Upper
64 100
66 29.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 0.889 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047537.D
Acq: 14 Mar 2022 15:43

Tgt Ion: 101 Resp: 10934
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2





#10

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

Concen: 0.871 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.000 min

Lab File: VU047537.D

Acq: 14 Mar 2022 15:43

Instrument :

MSVOA_U

ClientSampleId :

VSTD001024

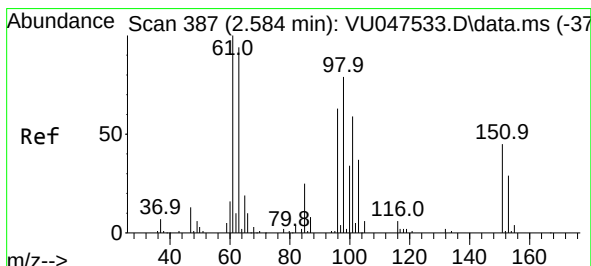
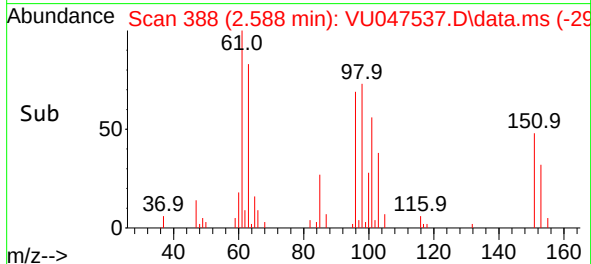
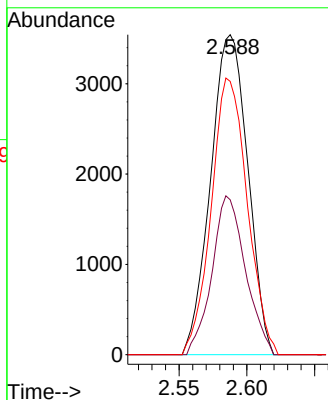
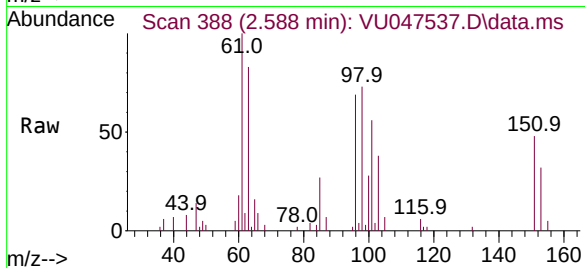
Tgt Ion:101 Resp: 6762

Ion Ratio Lower Upper

101 100

85 44.7 34.0 51.0

151 83.7 63.8 95.6



#12

1,1-Dichloroethene

Concen: 0.924 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.003 min

Lab File: VU047537.D

Acq: 14 Mar 2022 15:43

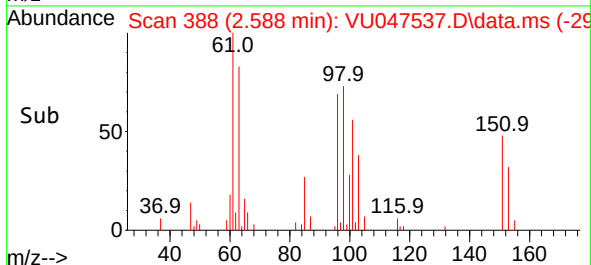
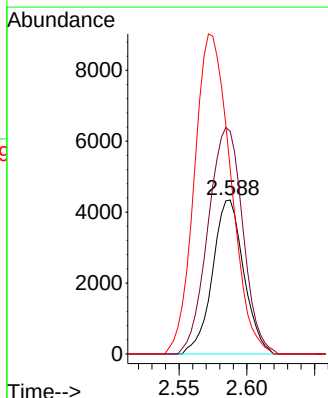
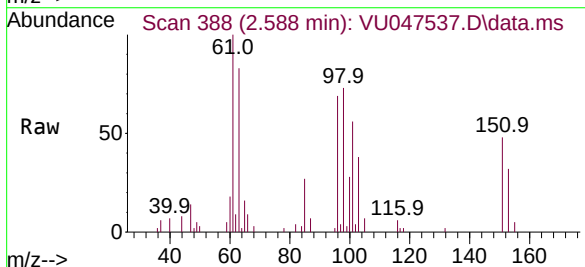
Tgt Ion: 96 Resp: 6942

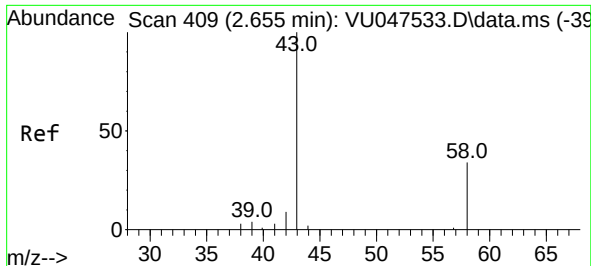
Ion Ratio Lower Upper

96 100

61 144.7 111.4 207.0

63 120.2 106.6 198.0





#13

Acetone

Concen: 10.062 ug/L

RT: 2.658 min Scan# 410

Delta R.T. 0.003 min

Lab File: VU047537.D

Acq: 14 Mar 2022 15:43

Instrument :

MSVOA_U

ClientSampleId :

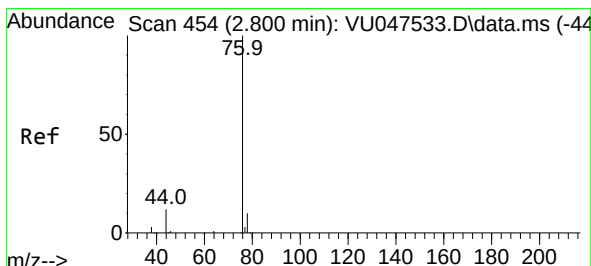
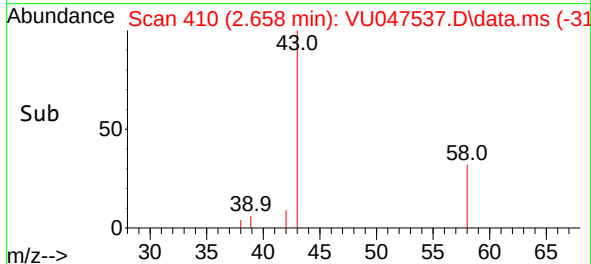
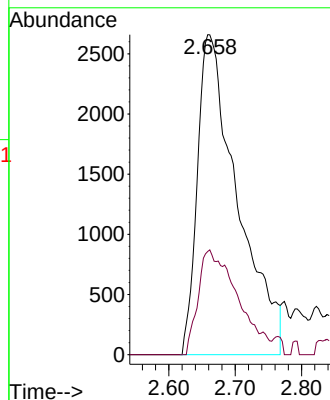
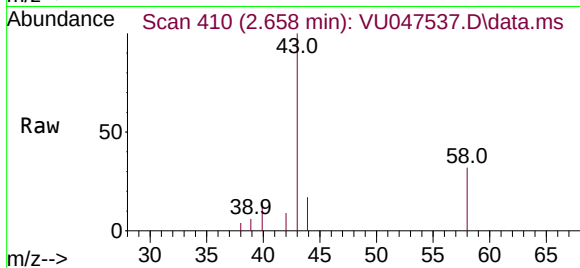
VSTD001024

Tgt Ion: 43 Resp: 11129

Ion Ratio Lower Upper

43 100

58 32.5 0.0 69.4



#14

Carbon disulfide

Concen: 0.907 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047537.D

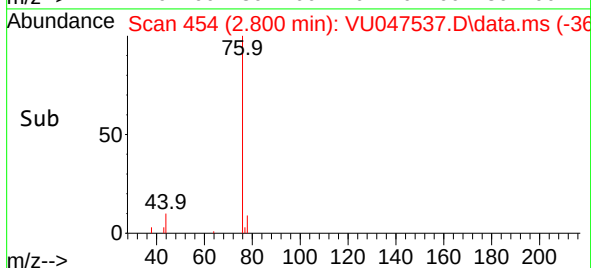
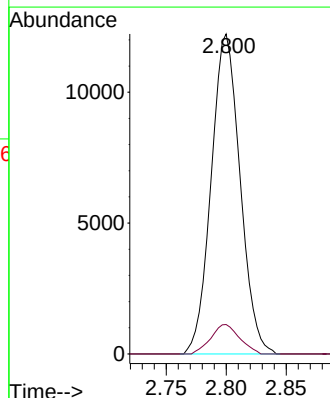
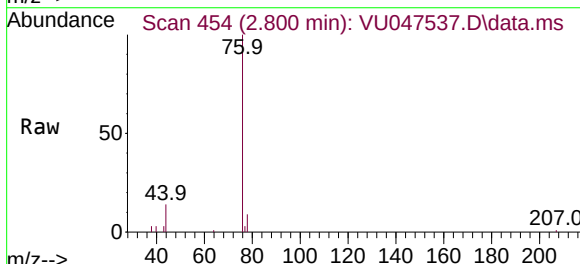
Acq: 14 Mar 2022 15:43

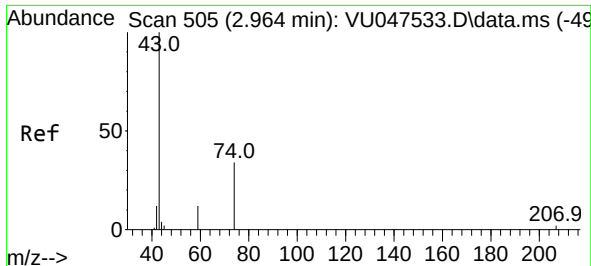
Tgt Ion: 76 Resp: 20487

Ion Ratio Lower Upper

76 100

78 9.2 7.7 11.5

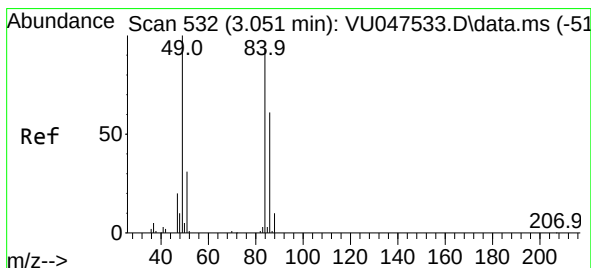
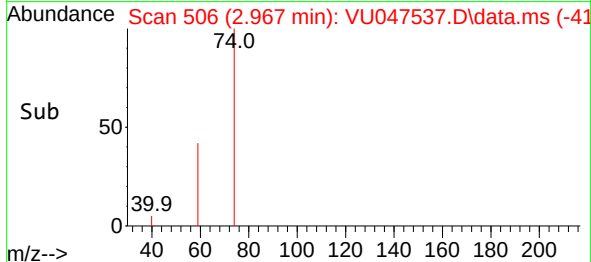
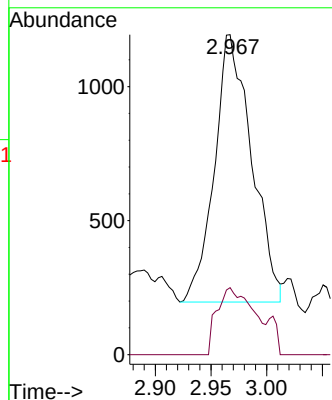
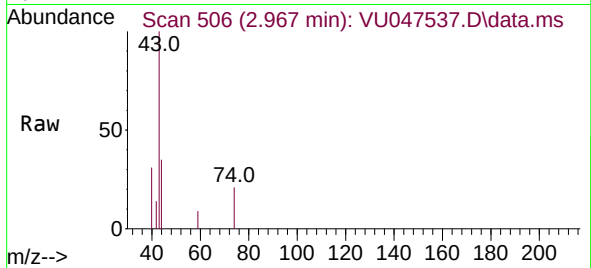




#15
Methyl Acetate
Concen: 0.762 ug/L
RT: 2.967 min Scan# 505
Delta R.T. 0.003 min
Lab File: VU047537.D
Acq: 14 Mar 2022 15:43

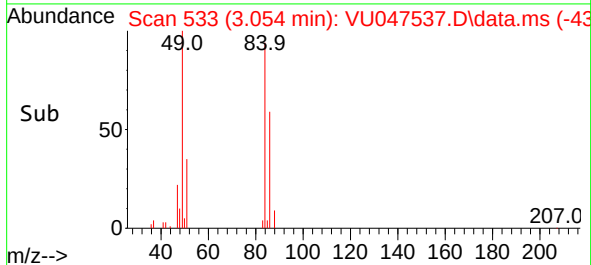
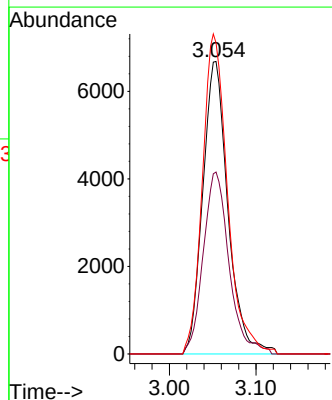
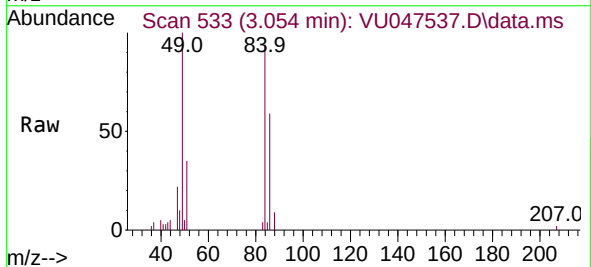
Instrument :
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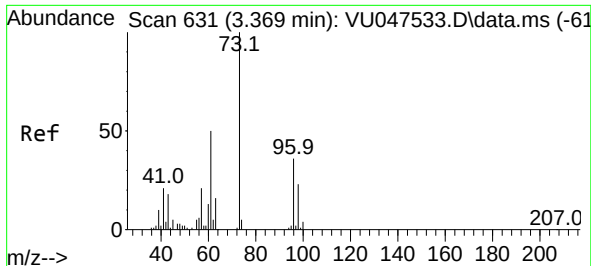
Tgt Ion: 43 Resp: 2325
Ion Ratio Lower Upper
43 100
74 24.3 21.8 32.6



#16
Methylene chloride
Concen: 1.218 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU047537.D
Acq: 14 Mar 2022 15:43

Tgt Ion: 84 Resp: 13490
Ion Ratio Lower Upper
84 100
86 62.2 45.4 84.4
49 106.4 75.0 139.4

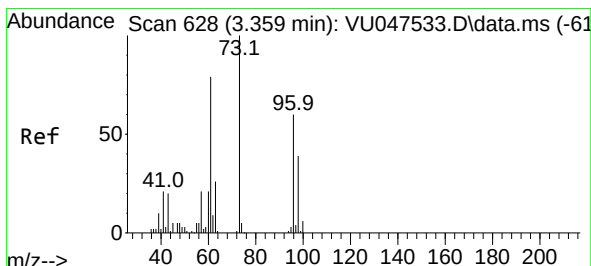
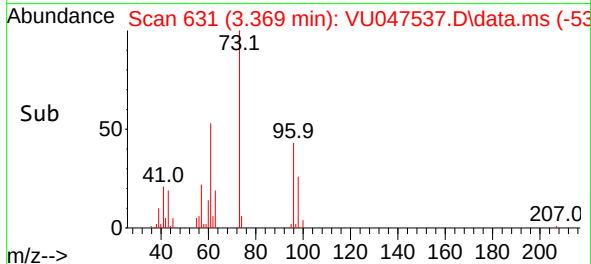
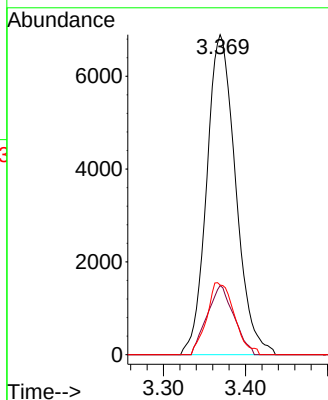
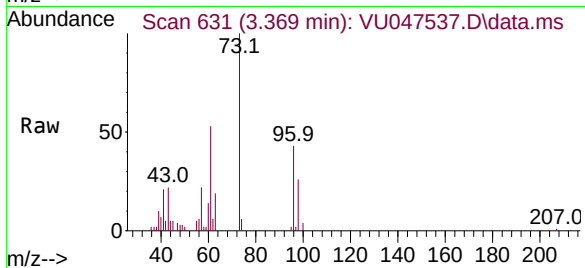




#17
Methyl tert-butyl Ether
Concen: 0.876 ug/L
RT: 3.369 min Scan# 611
Delta R.T. 0.000 min
Lab File: VU047537.D
Acq: 14 Mar 2022 15:43

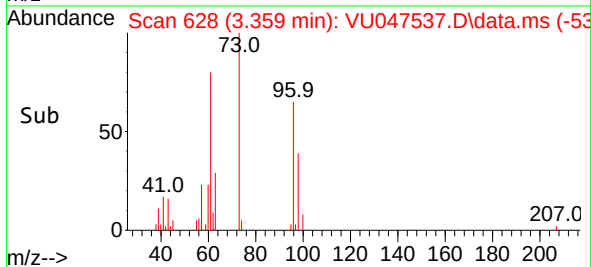
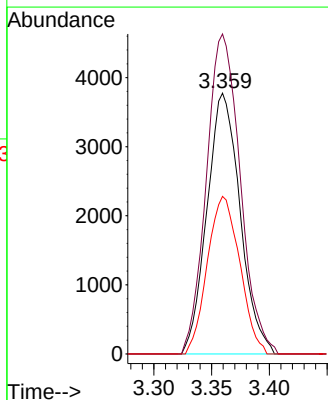
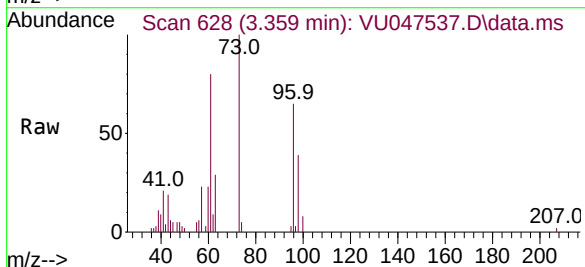
Instrument :
MSVOA_U
ClientSampleId :
VSTD001024

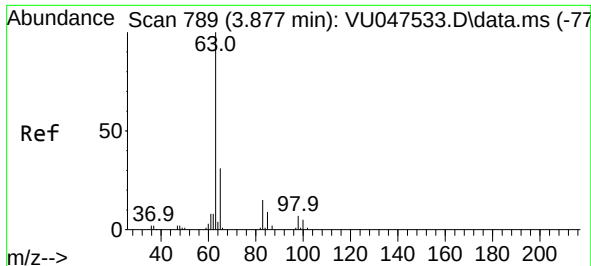
Tgt Ion:	73	Resp:	16877
Ion	Ratio	Lower	Upper
73	100		
43	20.0	15.2	22.8
57	21.3	17.2	25.8



#18
trans-1,2-Dichloroethene
Concen: 0.933 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU047537.D
Acq: 14 Mar 2022 15:43

Tgt Ion:	96	Resp:	7531
Ion	Ratio	Lower	Upper
96	100		
61	122.7	91.7	170.3
98	60.4	45.1	83.7

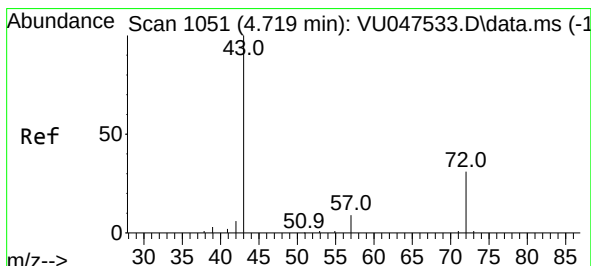
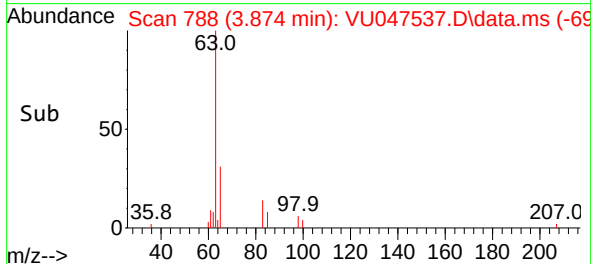
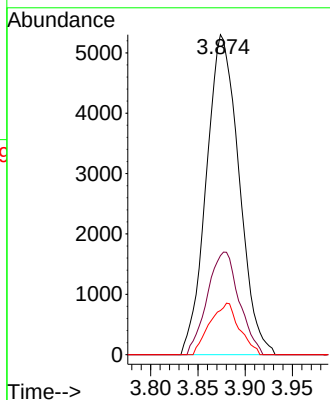
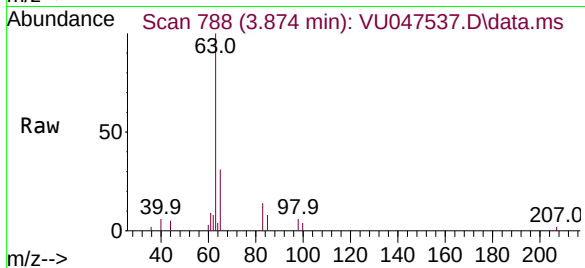




#19
1,1-Dichloroethane
Concen: 0.898 ug/L
RT: 3.874 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU047537.D
Acq: 14 Mar 2022 15:43

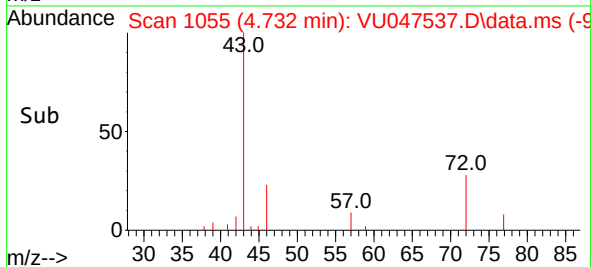
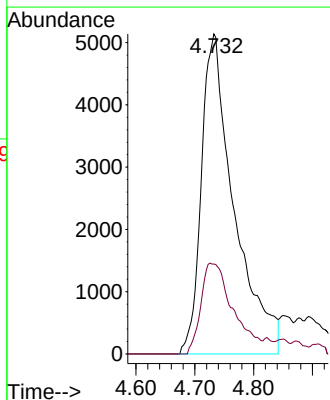
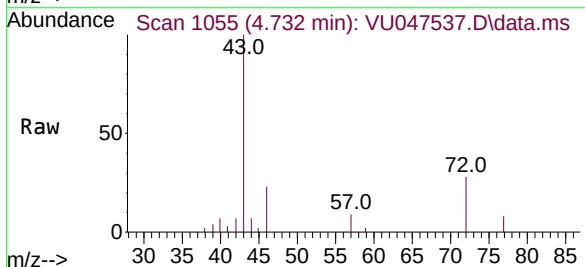
Instrument :
MSVOA_U
ClientSampleId :
VSTD001024

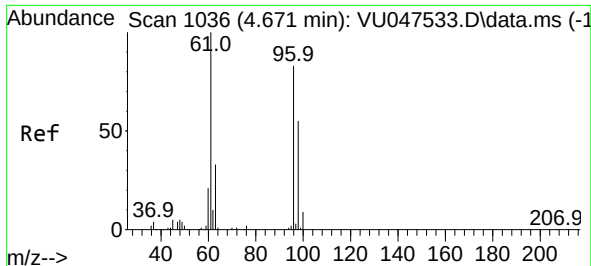
Tgt Ion:	63	Resp:	12747
Ion	Ratio	Lower	Upper
63	100		
65	31.0	21.8	40.6
83	13.8	10.8	20.0



#21
2-Butanone
Concen: 9.428 ug/L
RT: 4.732 min Scan# 1055
Delta R.T. 0.013 min
Lab File: VU047537.D
Acq: 14 Mar 2022 15:43

Tgt Ion:	43	Resp:	19841
Ion	Ratio	Lower	Upper
43	100		
72	28.1	14.9	44.7

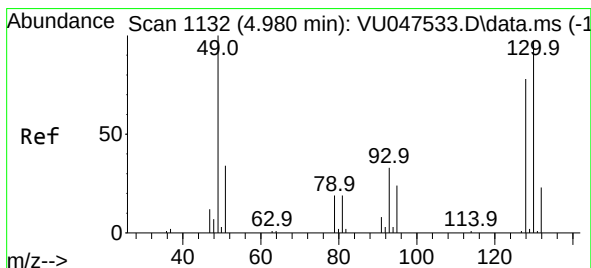
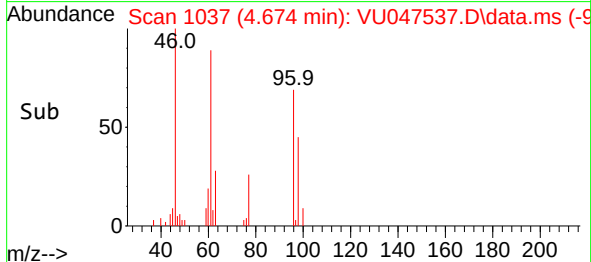
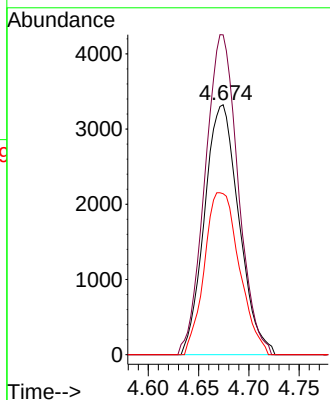
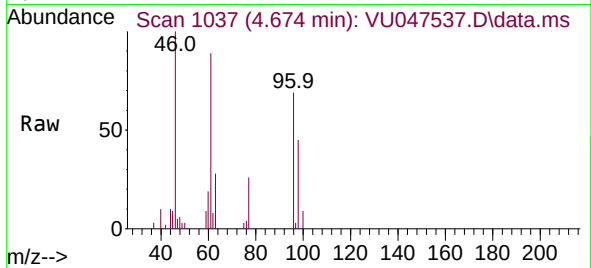




#22
 cis-1,2-Dichloroethene
 Concen: 0.883 ug/L
 RT: 4.674 min Scan# 1036
 Delta R.T. 0.003 min
 Lab File: VU047537.D
 Acq: 14 Mar 2022 15:43

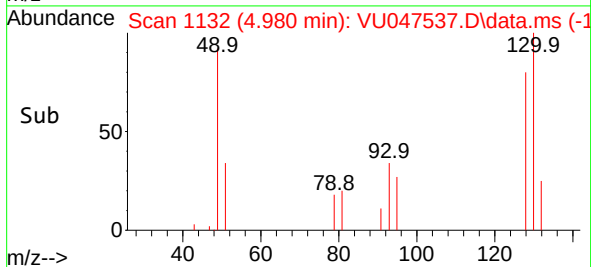
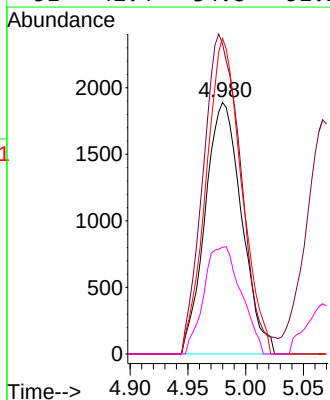
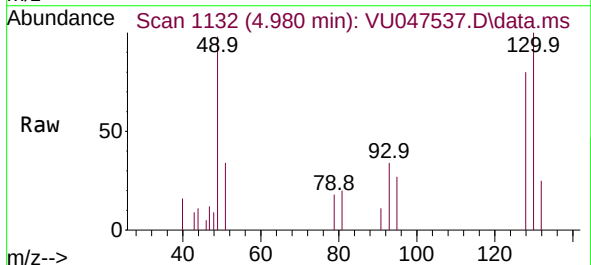
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001024

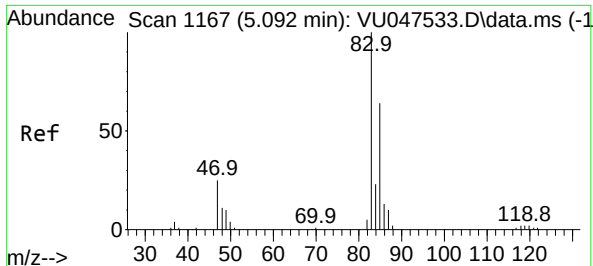
Tgt Ion:	96	Resp:	7911
Ion	Ratio	Lower	Upper
96	100		
61	127.9	83.9	155.7
98	64.4	46.4	86.2



#23
 Bromochloromethane
 Concen: 0.915 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VU047537.D
 Acq: 14 Mar 2022 15:43

Tgt Ion:	128	Resp:	4159
Ion	Ratio	Lower	Upper
128	100		
49	123.3	89.6	166.4
130	125.4	87.3	162.1
51	42.4	34.8	52.2





#25

Chloroform

Concen: 0.911 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047537.D

Acq: 14 Mar 2022 15:43

Instrument :

MSVOA_U

ClientSampleId :

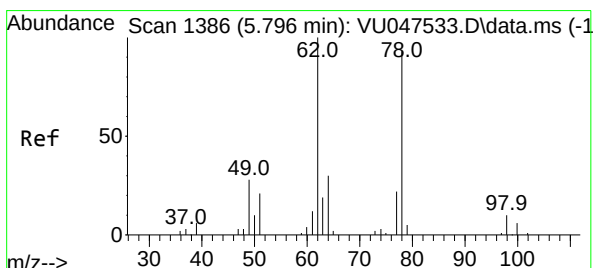
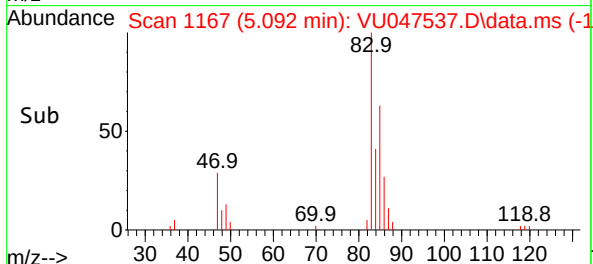
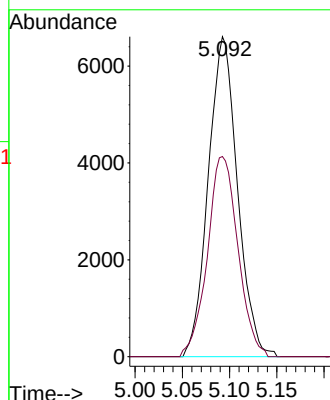
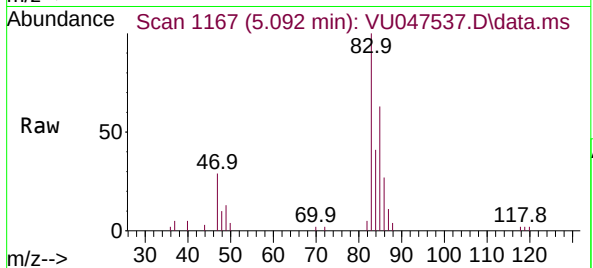
VSTD001024

Tgt Ion: 83 Resp: 14216

Ion Ratio Lower Upper

83 100

85 62.6 45.2 84.0



#27

1,2-Dichloroethane

Concen: 0.900 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.003 min

Lab File: VU047537.D

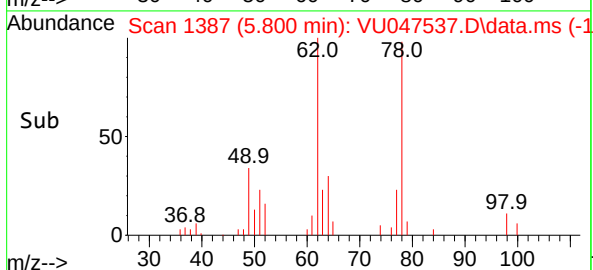
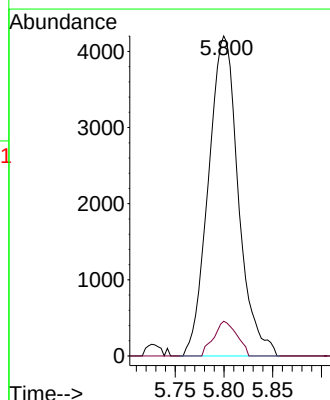
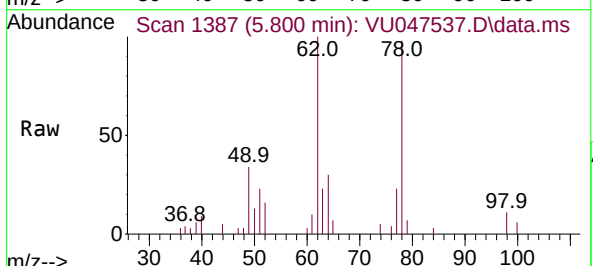
Acq: 14 Mar 2022 15:43

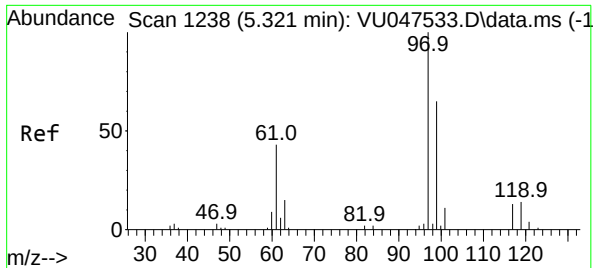
Tgt Ion: 62 Resp: 8989

Ion Ratio Lower Upper

62 100

98 10.9 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 0.896 ug/L

RT: 5.321 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047537.D

Acq: 14 Mar 2022 15:43

Instrument :

MSVOA_U

ClientSampleId :

VSTD001024

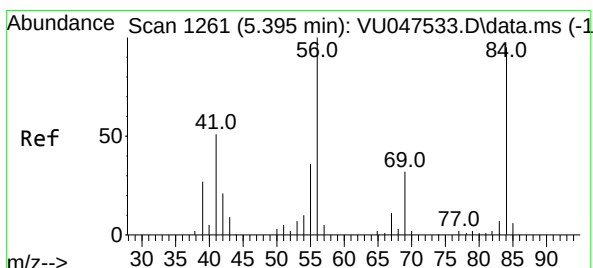
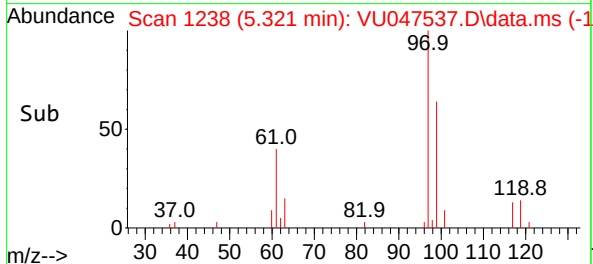
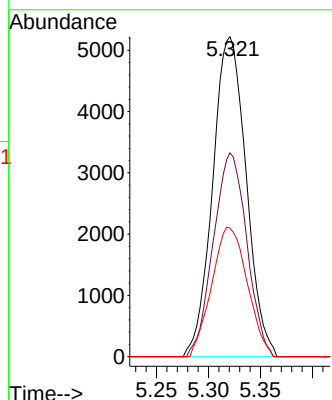
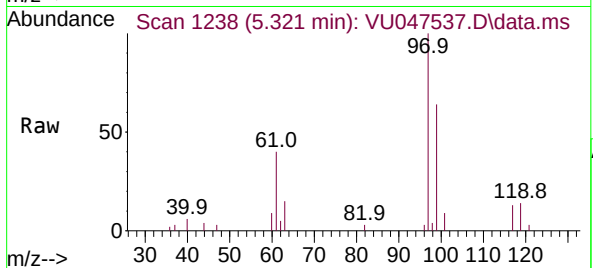
Tgt Ion: 97 Resp: 11699

Ion Ratio Lower Upper

97 100

99 63.5 51.2 76.8

61 42.9 35.0 52.4



#30

Cyclohexane

Concen: 0.838 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU047537.D

Acq: 14 Mar 2022 15:43

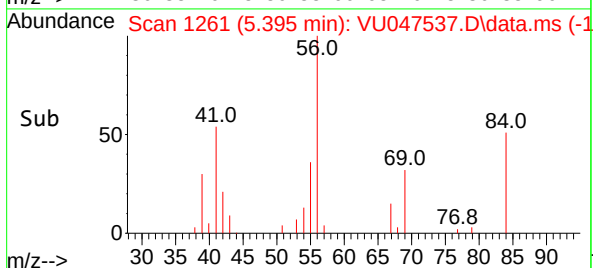
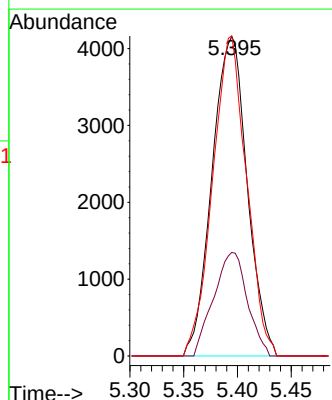
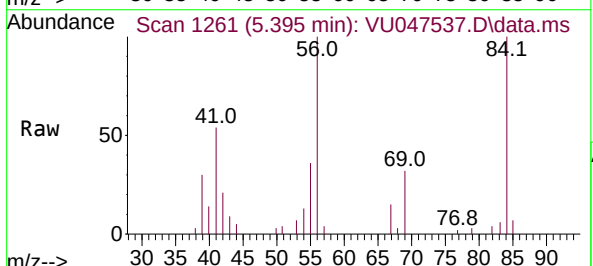
Tgt Ion: 56 Resp: 9445

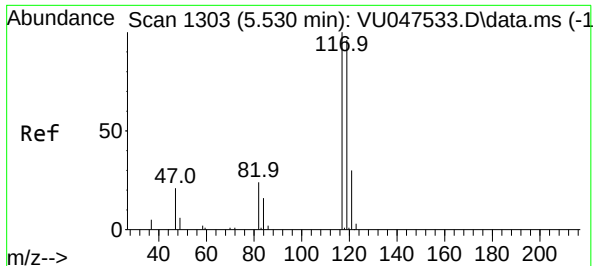
Ion Ratio Lower Upper

56 100

69 31.1 26.0 39.0

84 96.2 76.2 114.4

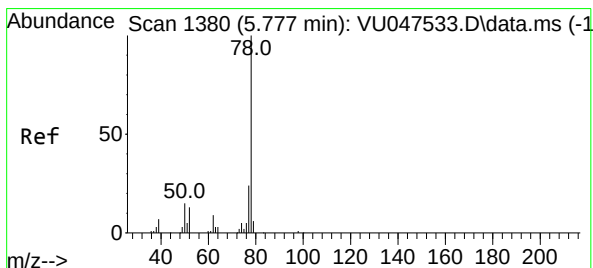
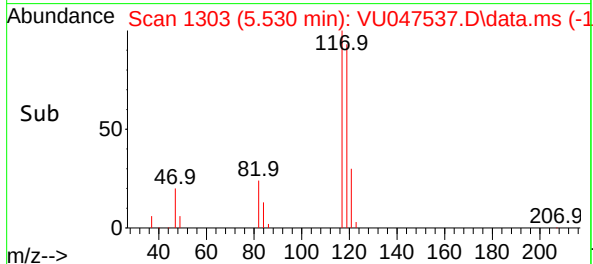
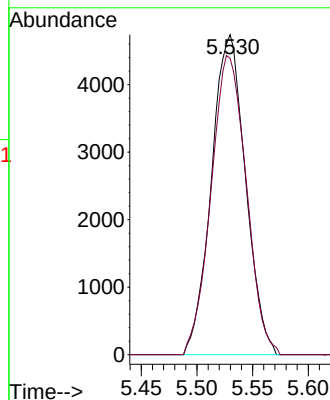
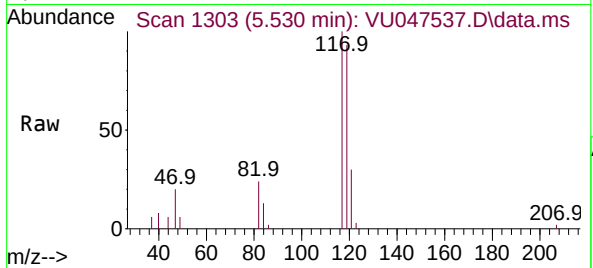




#31
Carbon tetrachloride
Concen: 0.878 ug/L
RT: 5.530 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VU047537.D
Acq: 14 Mar 2022 15:43

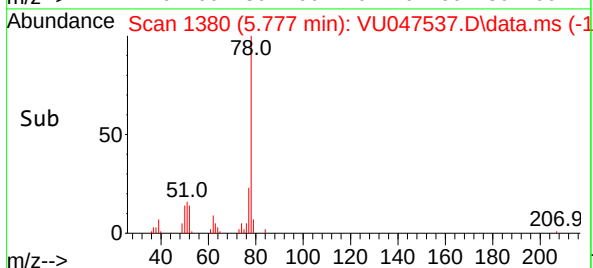
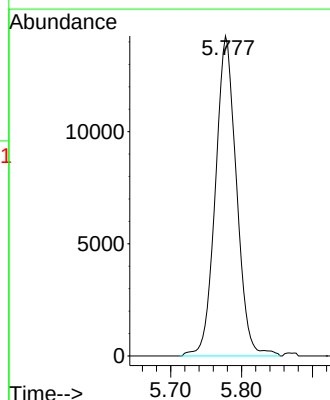
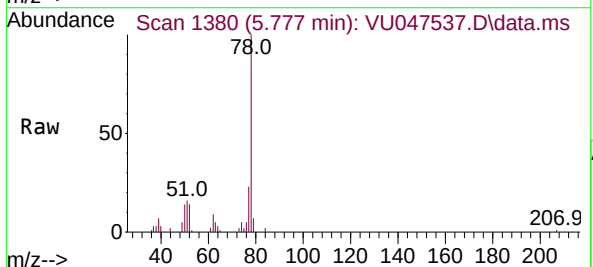
Instrument :
MSVOA_U
ClientSampleId :
VSTD001024

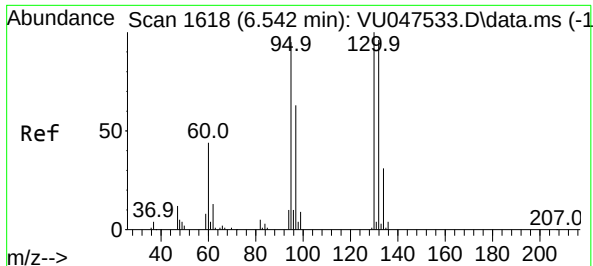
Tgt Ion:117 Resp: 10085
Ion Ratio Lower Upper
117 100
119 96.4 76.9 115.3



#33
Benzene
Concen: 0.889 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047537.D
Acq: 14 Mar 2022 15:43

Tgt Ion: 78 Resp: 29488

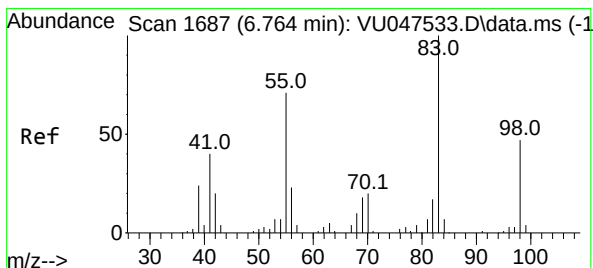
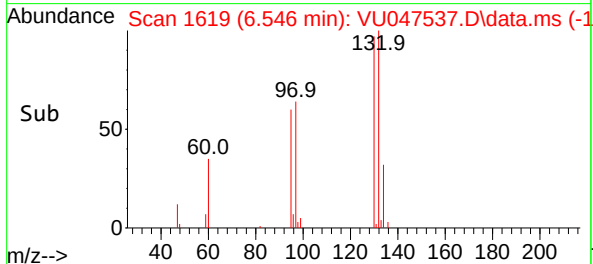
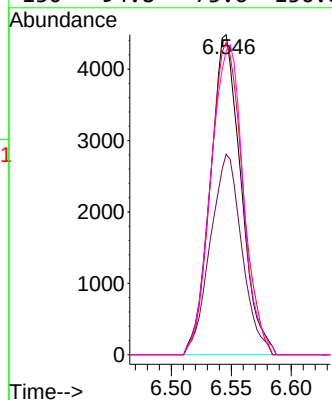
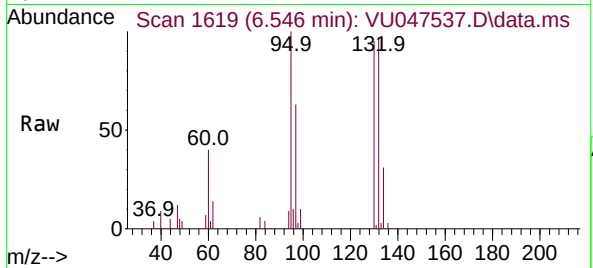




#34
 Trichloroethene
 Concen: 0.904 ug/L
 RT: 6.546 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU047537.D
 Acq: 14 Mar 2022 15:43

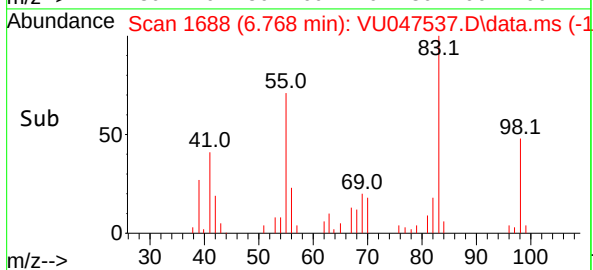
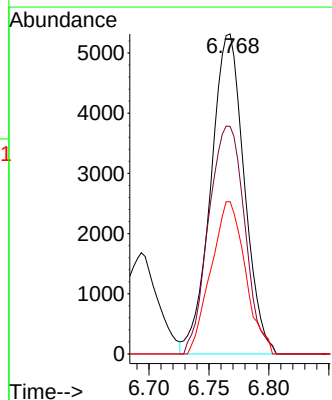
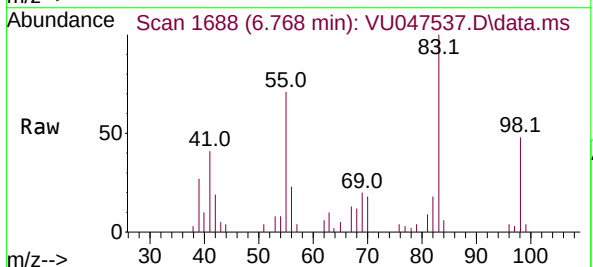
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001024

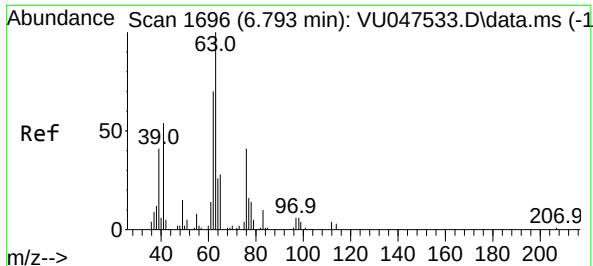
Tgt Ion:	95	Resp:	7943
Ion	Ratio	Lower	Upper
95	100		
97	62.6	46.3	85.9
132	97.5	70.7	131.3
130	94.8	73.6	136.8



#35
 Methylcyclohexane
 Concen: 0.815 ug/L
 RT: 6.768 min Scan# 1688
 Delta R.T. 0.003 min
 Lab File: VU047537.D
 Acq: 14 Mar 2022 15:43

Tgt Ion:	83	Resp:	10305
Ion	Ratio	Lower	Upper
83	100		
55	76.8	57.3	85.9
98	48.8	37.5	56.3





#37

1,2-Dichloropropane

Concen: 0.887 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047537.D

Acq: 14 Mar 2022 15:43

Instrument :

MSVOA_U

ClientSampleId :

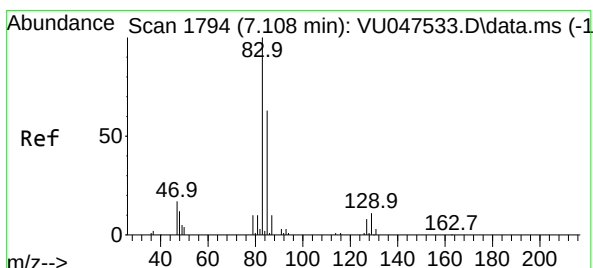
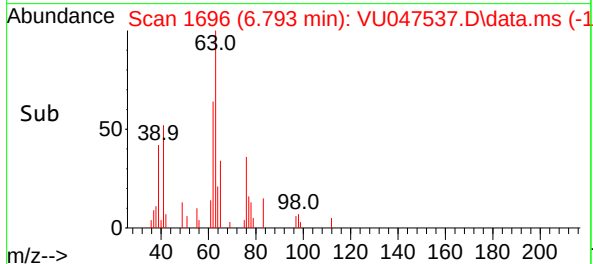
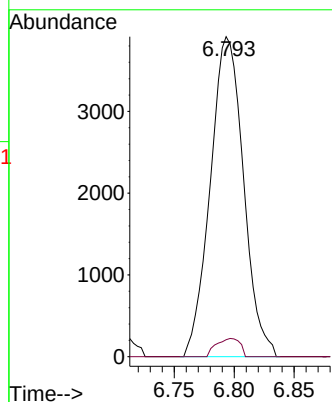
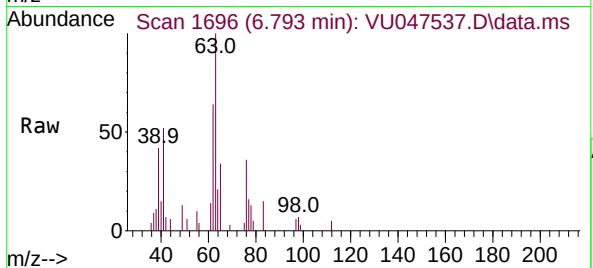
VSTD001024

Tgt Ion: 63 Resp: 7542

Ion Ratio Lower Upper

63 100

112 4.1 3.4 5.0



#38

Bromodichloromethane

Concen: 0.874 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047537.D

Acq: 14 Mar 2022 15:43

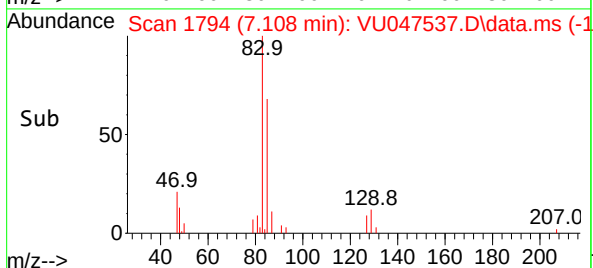
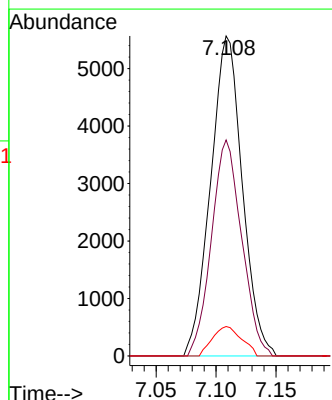
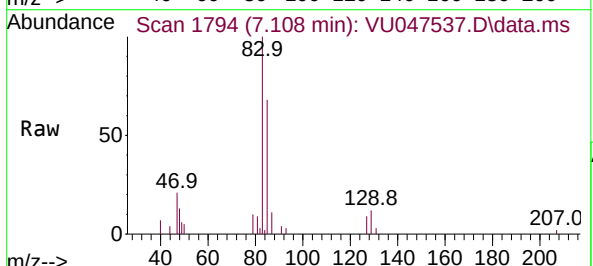
Tgt Ion: 83 Resp: 10233

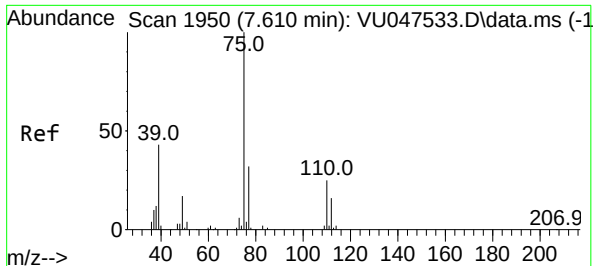
Ion Ratio Lower Upper

83 100

85 67.5 44.2 82.0

127 9.2 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 0.853 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047537.D

Acq: 14 Mar 2022 15:43

Instrument :

MSVOA_U

ClientSampleId :

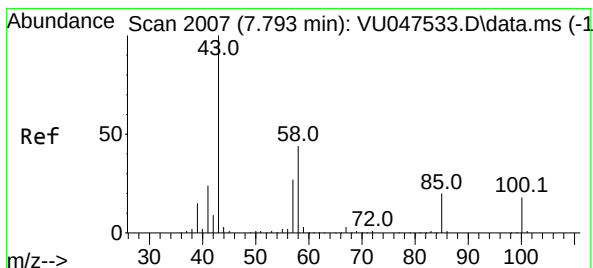
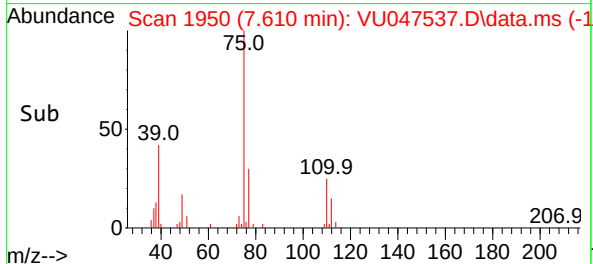
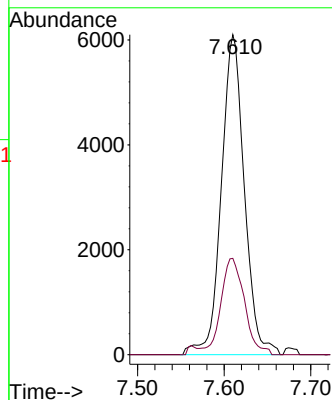
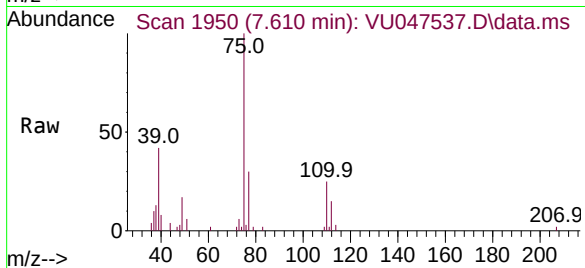
VSTD001024

Tgt Ion: 75 Resp: 11265

Ion Ratio Lower Upper

75 100

77 30.1 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 8.487 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU047537.D

Acq: 14 Mar 2022 15:43

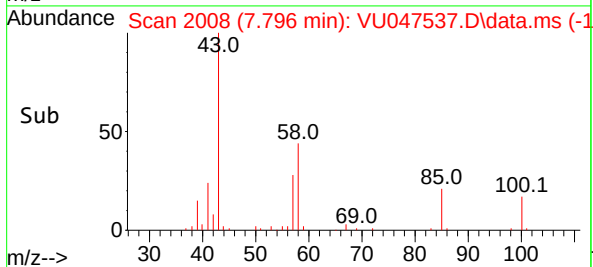
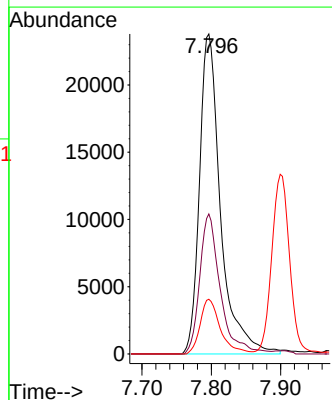
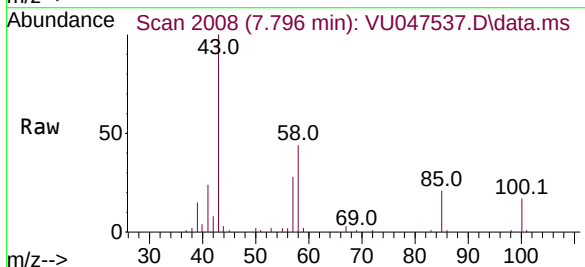
Tgt Ion: 43 Resp: 50288

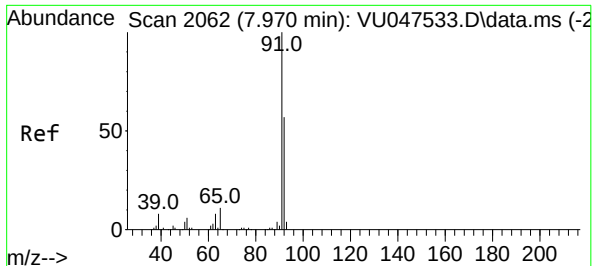
Ion Ratio Lower Upper

43 100

58 42.7 34.5 51.7

100 16.4 13.8 20.6





#42

Toluene

Concen: 0.860 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047537.D

Acq: 14 Mar 2022 15:43

Instrument :

MSVOA_U

ClientSampleId :

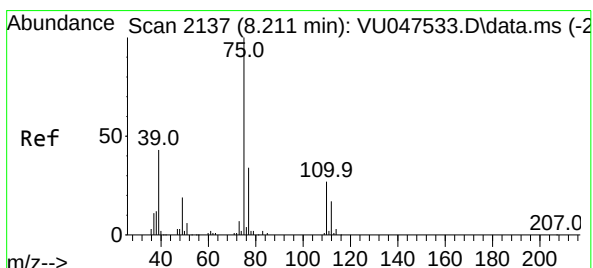
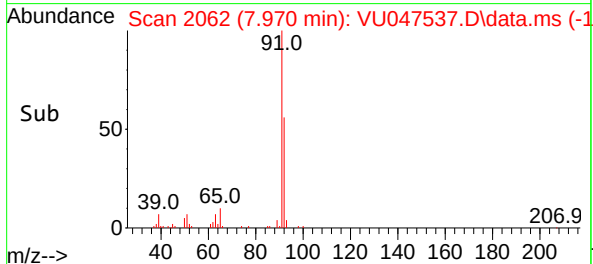
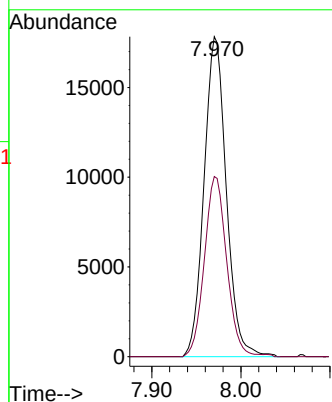
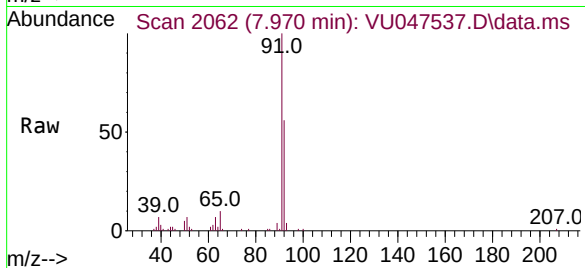
VSTD001024

Tgt Ion: 91 Resp: 30941

Ion Ratio Lower Upper

91 100

92 56.3 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 0.825 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047537.D

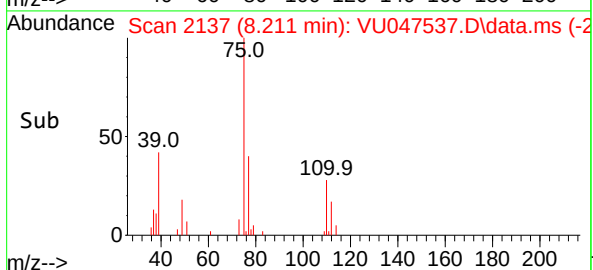
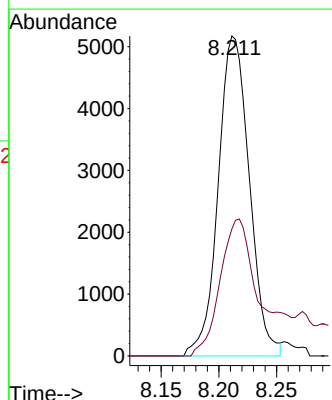
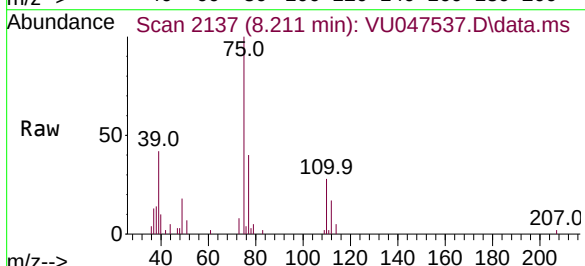
Acq: 14 Mar 2022 15:43

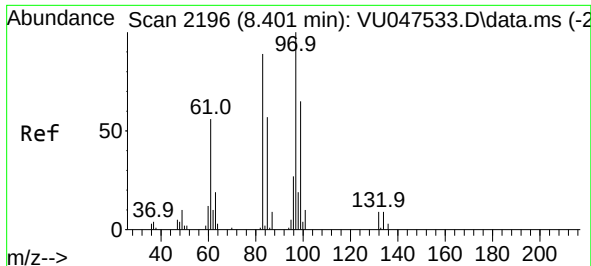
Tgt Ion: 75 Resp: 9718

Ion Ratio Lower Upper

75 100

77 39.7 23.4 43.6

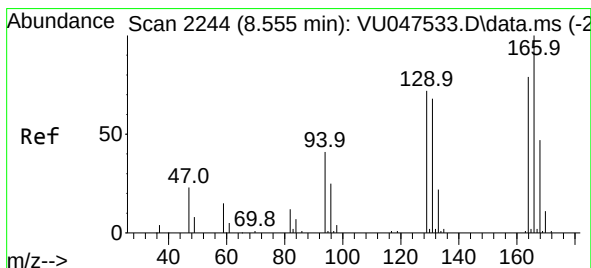
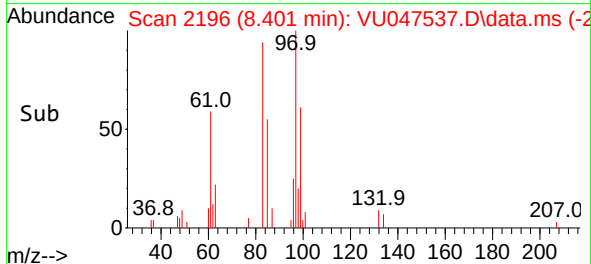
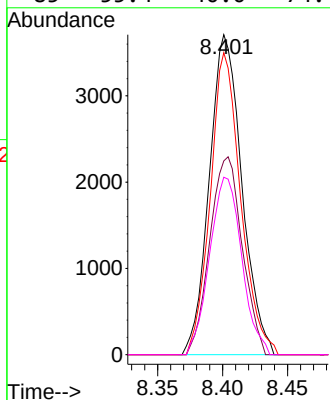
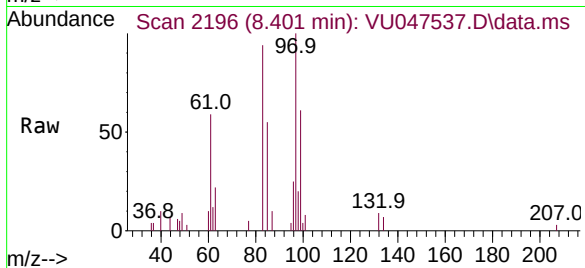




#45
1,1,2-Trichloroethane
Concen: 0.887 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU047537.D
Acq: 14 Mar 2022 15:43

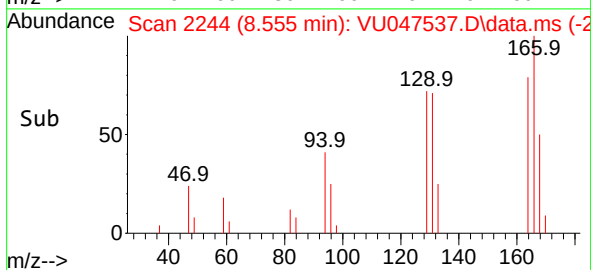
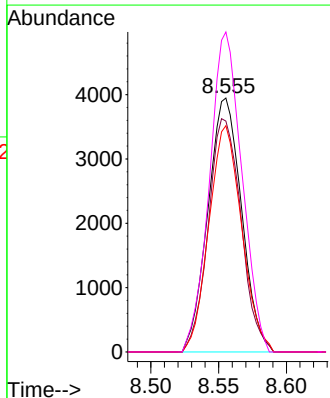
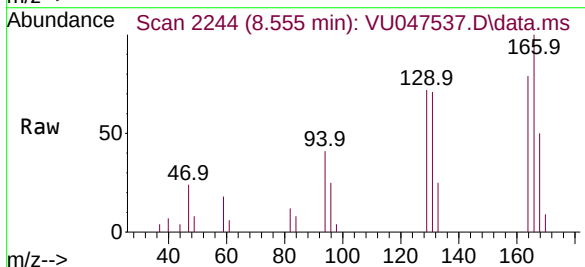
Instrument :
MSVOA_U
ClientSampleId :
VSTD001024

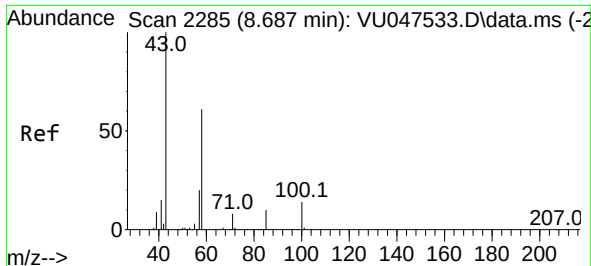
Tgt Ion:	97	Resp:	6463
Ion	Ratio	Lower	Upper
97	100		
99	60.6	45.3	84.1
83	94.3	62.2	115.6
85	55.4	40.0	74.4



#47
Tetrachloroethene
Concen: 0.909 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047537.D
Acq: 14 Mar 2022 15:43

Tgt Ion:	164	Resp:	6812
Ion	Ratio	Lower	Upper
164	100		
129	90.9	63.5	117.9
131	89.1	60.5	112.5
166	126.0	88.5	164.3

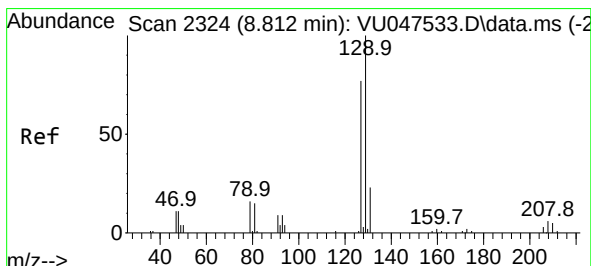
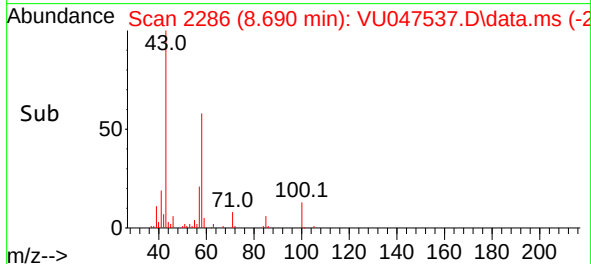
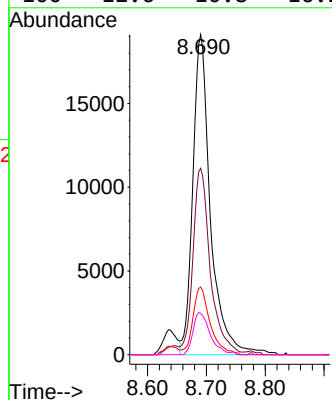
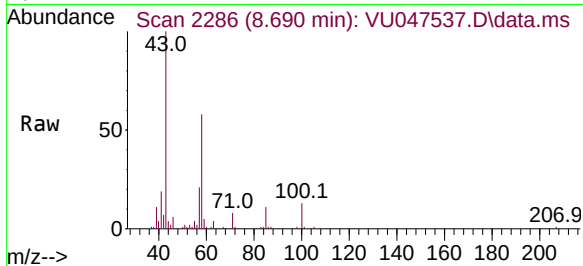




#48
2-Hexanone
Concen: 8.860 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047537.D
Acq: 14 Mar 2022 15:43

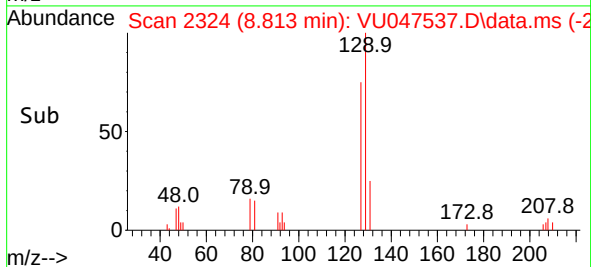
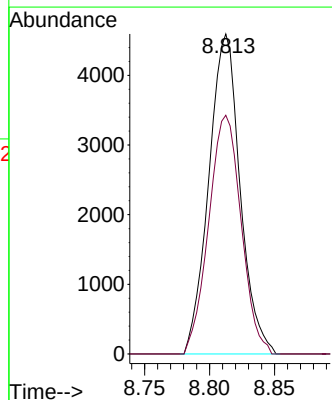
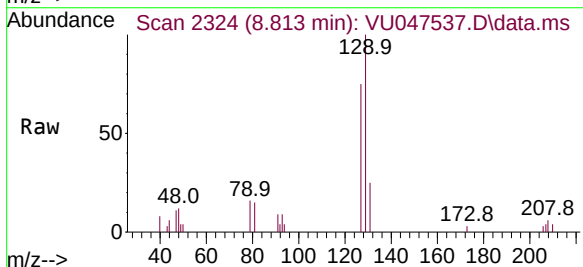
Instrument :
MSVOA_U
ClientSampleId :
VSTD001024

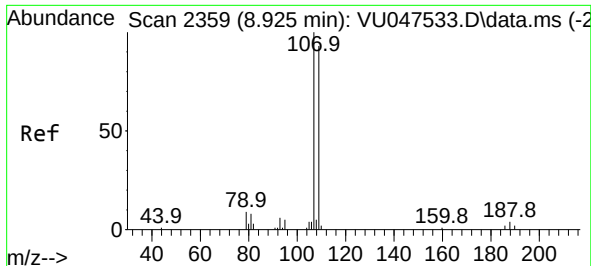
Tgt Ion: 43	Resp: 39951
Ion Ratio	Lower Upper
43 100	
58 55.6	47.5 71.3
57 20.7	16.0 24.0
100 12.6	10.8 16.2



#49
Dibromochloromethane
Concen: 0.857 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047537.D
Acq: 14 Mar 2022 15:43

Tgt Ion:129	Resp:	7694	
Ion	Ratio	Lower	Upper
129	100		
127	74.6	53.6	99.6





#50

1,2-Dibromoethane

Concen: 0.883 ug/L

RT: 8.928 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU047537.D

Acq: 14 Mar 2022 15:43

Instrument :

MSVOA_U

ClientSampleId :

VSTD001024

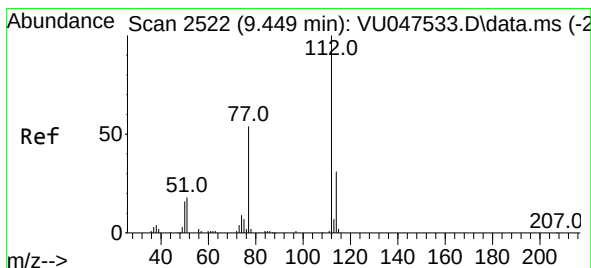
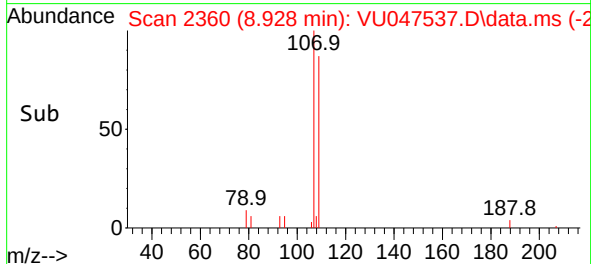
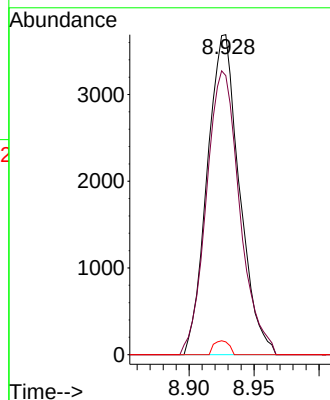
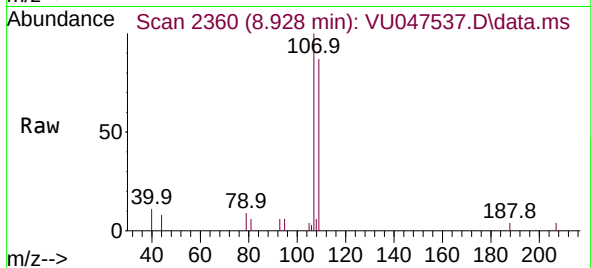
Tgt Ion:107 Resp: 6366

Ion Ratio Lower Upper

107 100

109 87.2 65.3 121.3

188 4.0 3.2 4.8



#51

Chlorobenzene

Concen: 0.879 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047537.D

Acq: 14 Mar 2022 15:43

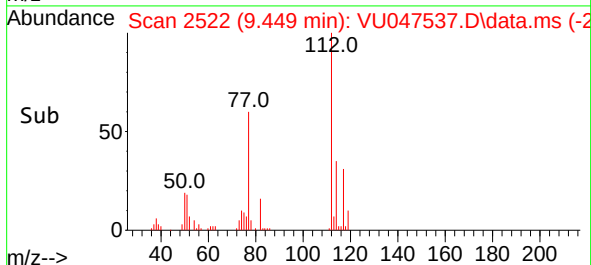
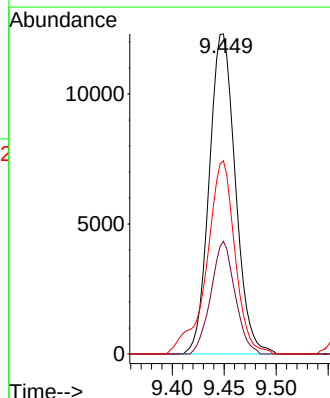
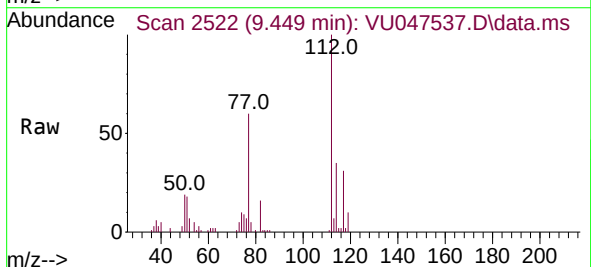
Tgt Ion:112 Resp: 21585

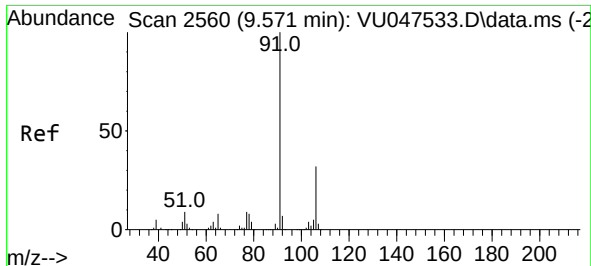
Ion Ratio Lower Upper

112 100

114 35.2 22.0 40.8

77 60.4 43.7 65.5

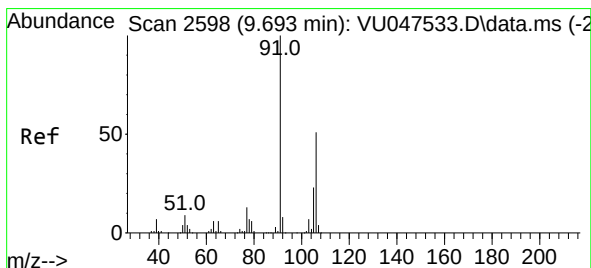
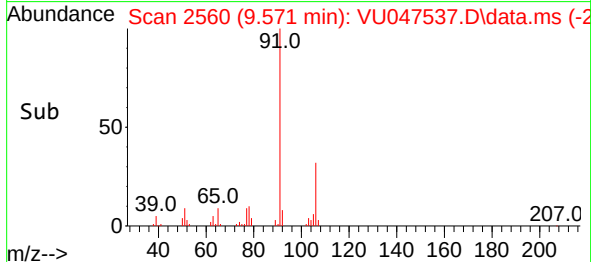
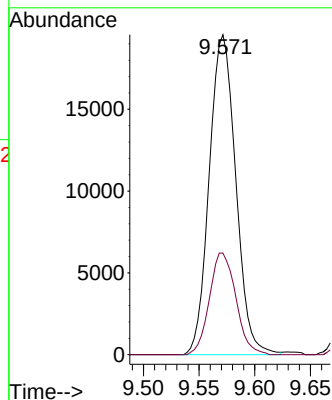
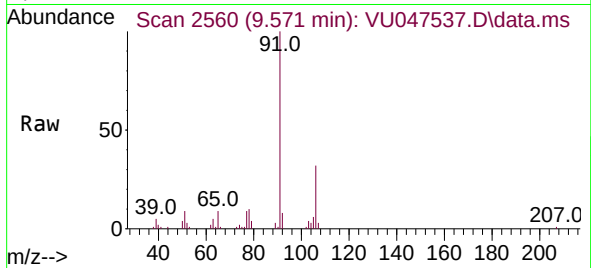




#52
Ethylbenzene
Concen: 0.851 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047537.D
Acq: 14 Mar 2022 15:43

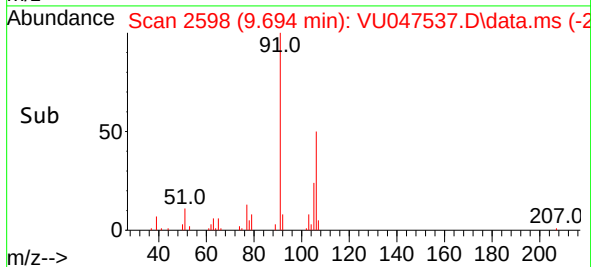
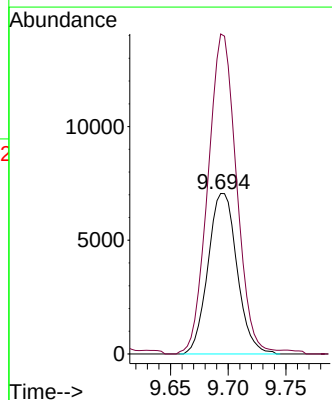
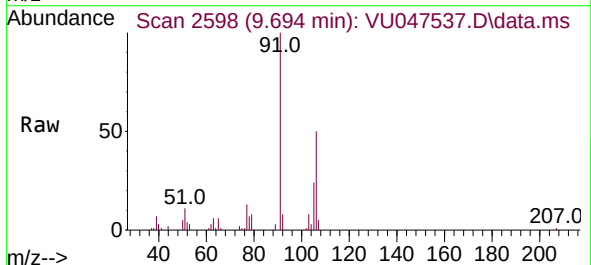
Instrument :
MSVOA_U
ClientSampleId :
VSTD001024

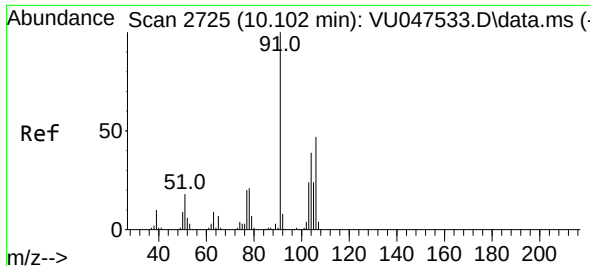
Tgt Ion: 91 Resp: 32411
Ion Ratio Lower Upper
91 100
106 31.8 22.2 41.2



#53
m,p-Xylene
Concen: 0.839 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU047537.D
Acq: 14 Mar 2022 15:43

Tgt Ion: 106 Resp: 12351
Ion Ratio Lower Upper
106 100
91 199.4 136.6 253.8

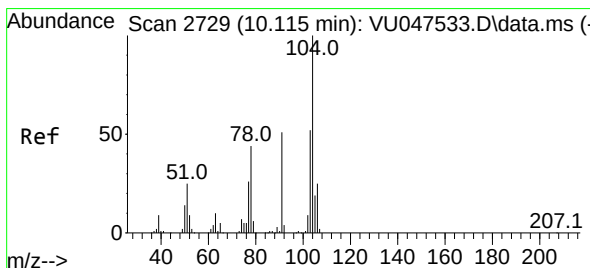
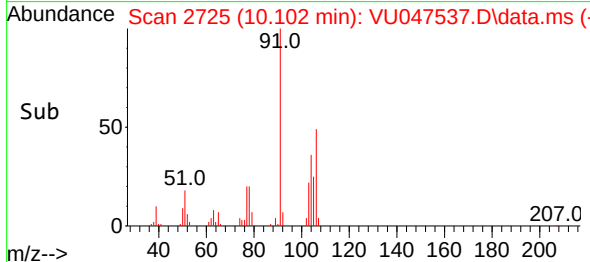
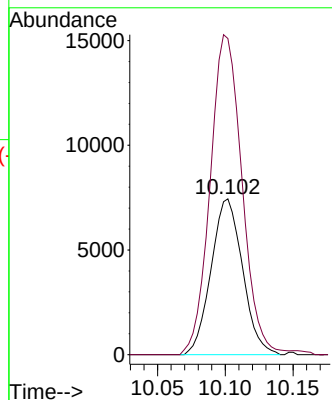
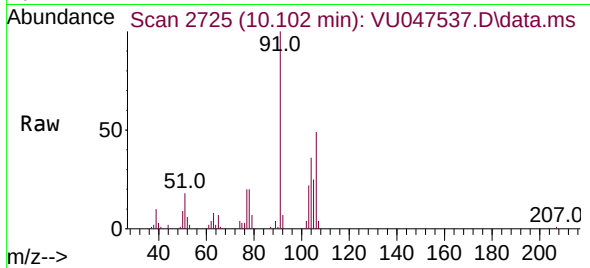




#54
o-Xylene
Concen: 0.826 ug/L
RT: 10.102 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047537.D
Acq: 14 Mar 2022 15:43

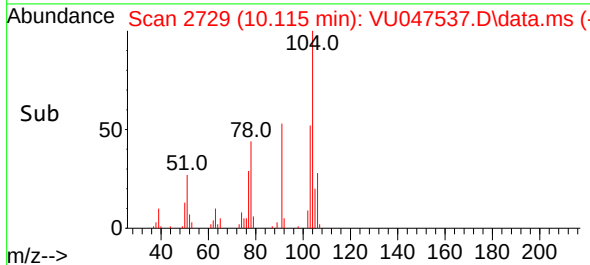
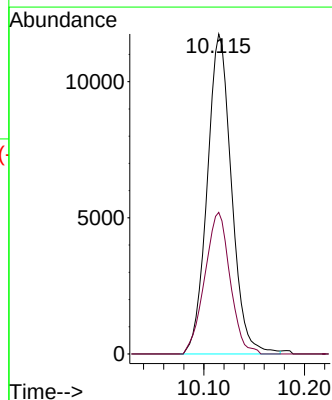
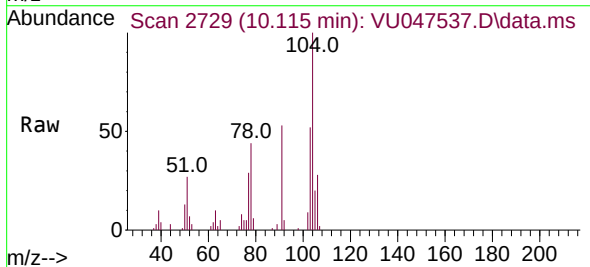
Instrument :
MSVOA_U
ClientSampleId :
VSTD001024

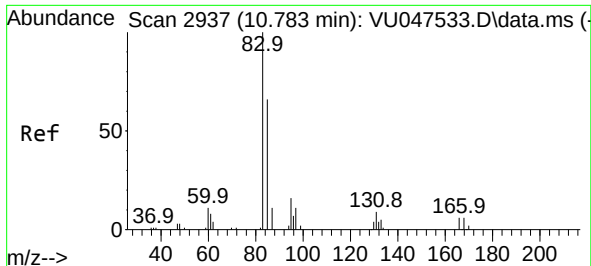
Tgt Ion:106 Resp: 12022
Ion Ratio Lower Upper
106 100
91 202.8 148.5 275.9



#55
Styrene
Concen: 0.790 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU047537.D
Acq: 14 Mar 2022 15:43

Tgt Ion:104 Resp: 19730
Ion Ratio Lower Upper
104 100
78 44.3 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 0.863 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU047537.D

Acq: 14 Mar 2022 15:43

Instrument :

MSVOA_U

ClientSampleId :

VSTD001024

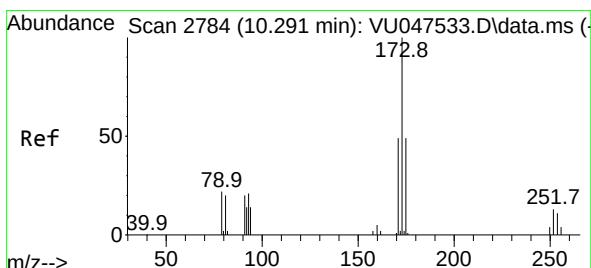
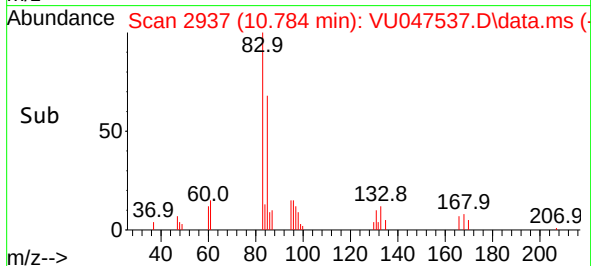
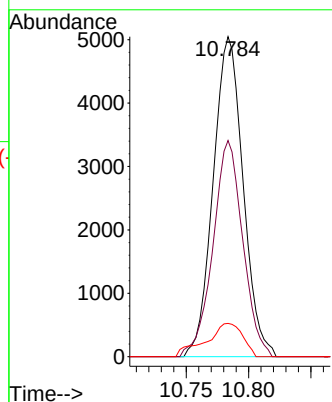
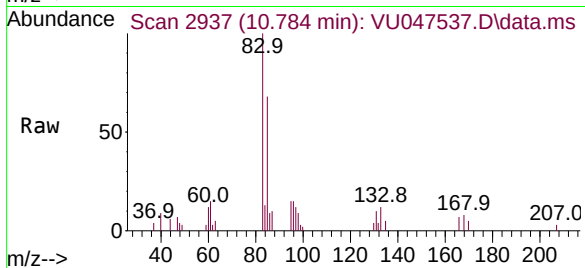
Tgt Ion: 83 Resp: 8427

Ion Ratio Lower Upper

83 100

85 67.5 46.7 86.7

131 10.4 8.0 12.0



#59

Bromoform

Concen: 0.867 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU047537.D

Acq: 14 Mar 2022 15:43

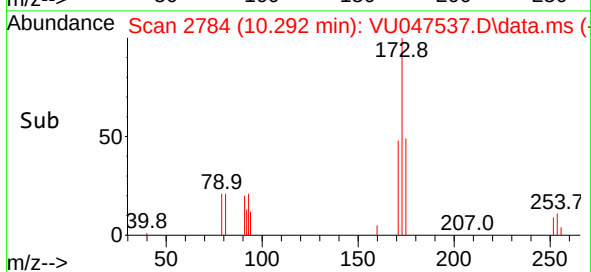
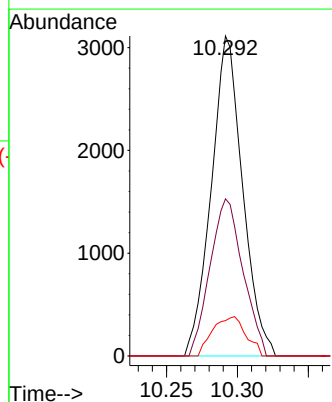
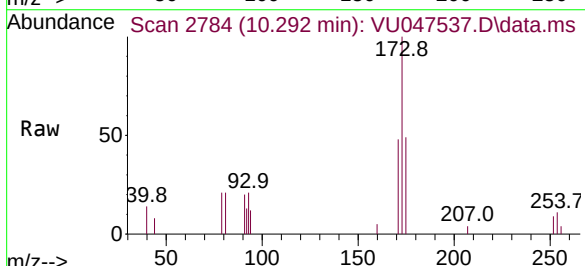
Tgt Ion: 173 Resp: 4780

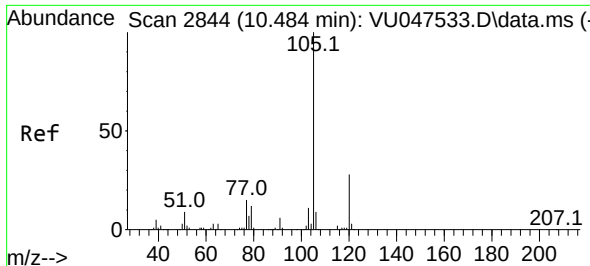
Ion Ratio Lower Upper

173 100

175 51.5 39.7 59.5

254 13.1 9.0 13.6

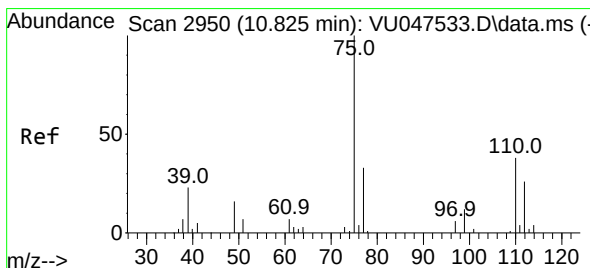
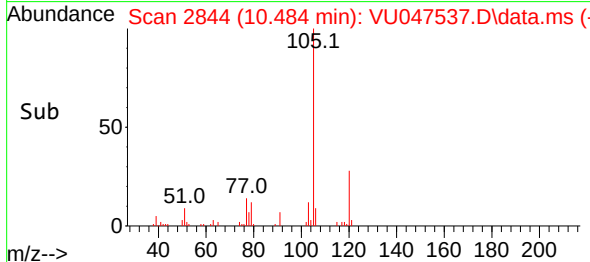
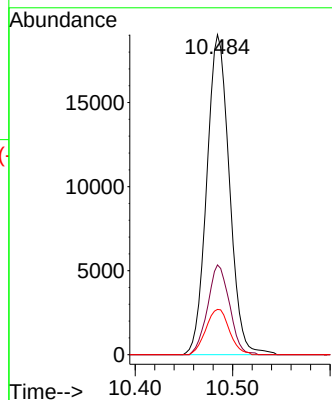
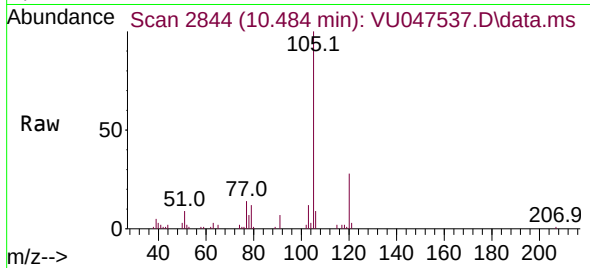




#60
Isopropylbenzene
Concen: 0.868 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU047537.D
Acq: 14 Mar 2022 15:43

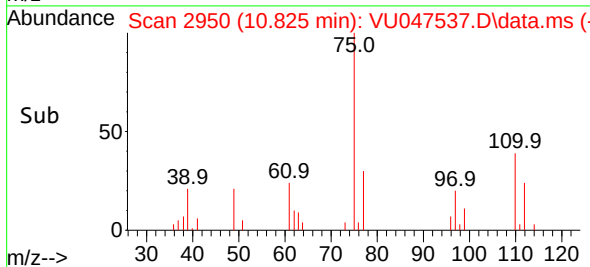
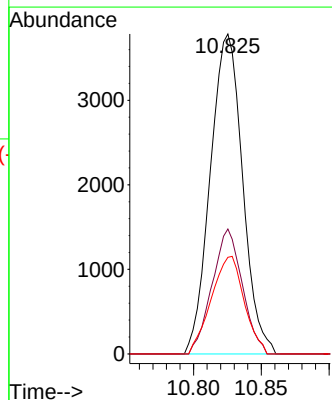
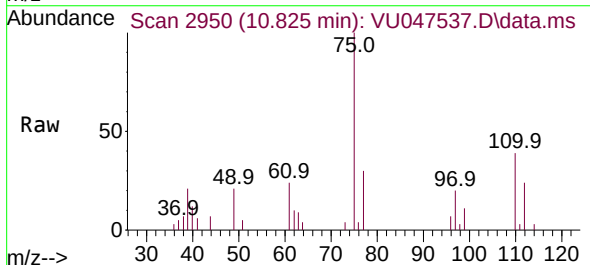
Instrument :
MSVOA_U
ClientSampleId :
VSTD001024

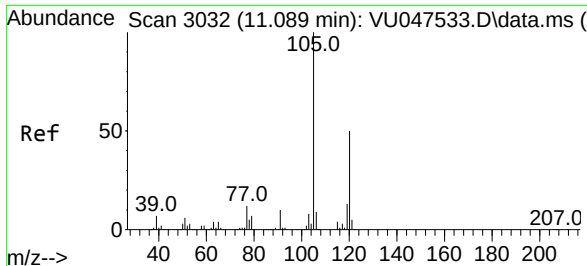
Tgt Ion:105 Resp: 30636
Ion Ratio Lower Upper
105 100
120 27.2 22.2 33.4
77 14.7 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 0.956 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU047537.D
Acq: 14 Mar 2022 15:43

Tgt Ion: 75 Resp: 6270
Ion Ratio Lower Upper
75 100
110 36.5 30.2 45.4
77 31.0 26.6 39.8

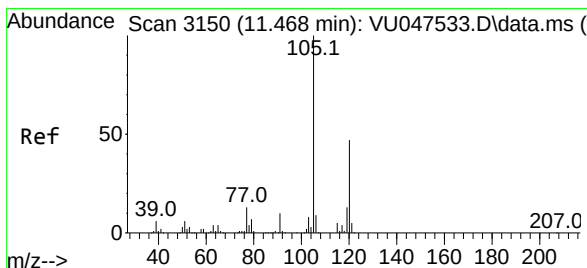
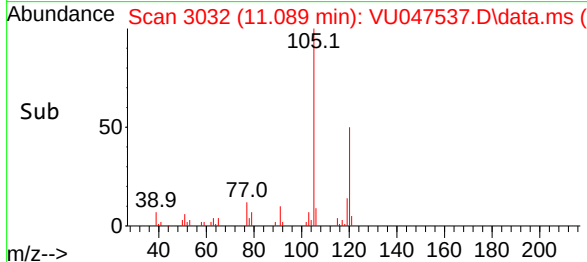
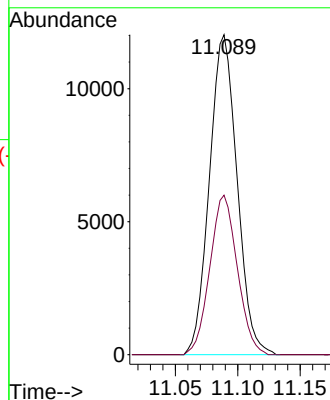
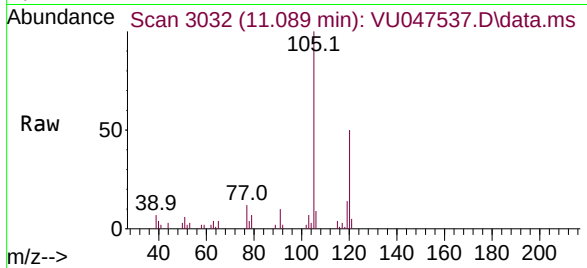




#62
 1,3,5-Trimethylbenzene
 Concen: 0.824 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU047537.D
 Acq: 14 Mar 2022 15:43

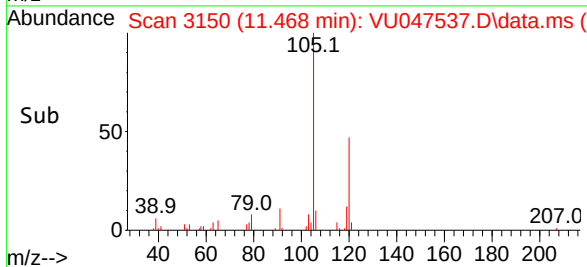
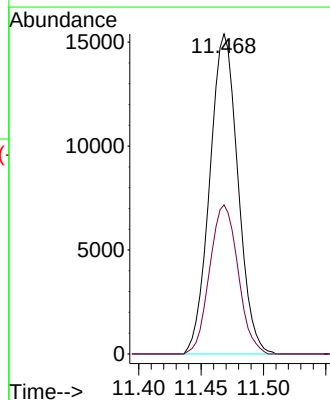
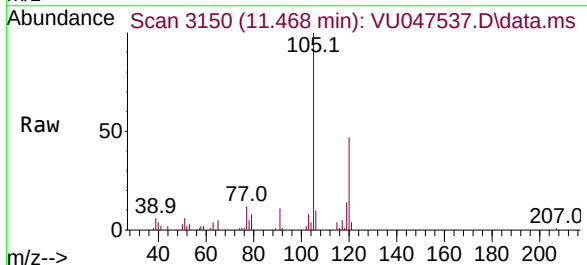
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001024

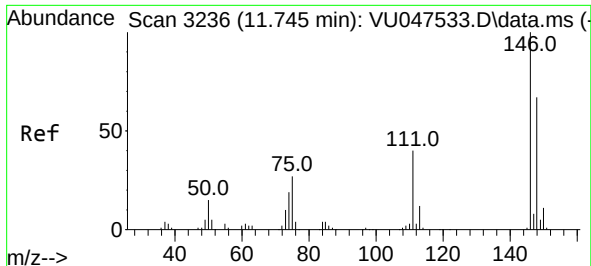
Tgt Ion:105 Resp: 18580
 Ion Ratio Lower Upper
 105 100
 120 49.5 40.2 60.4



#63
 1,2,4-Trimethylbenzene
 Concen: 0.828 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU047537.D
 Acq: 14 Mar 2022 15:43

Tgt Ion:105 Resp: 24228
 Ion Ratio Lower Upper
 105 100
 120 46.9 38.2 57.4

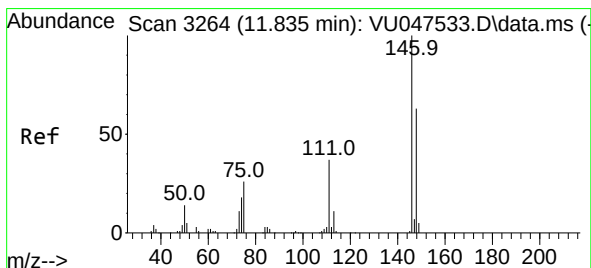
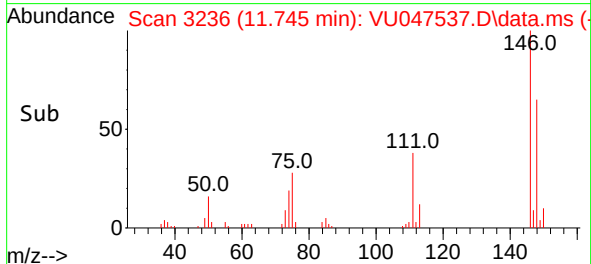
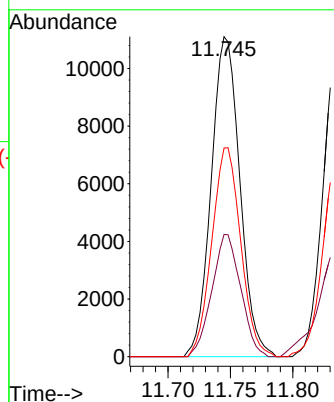
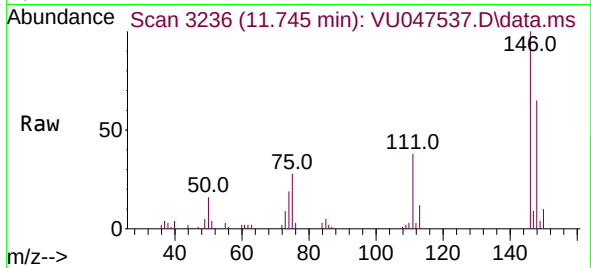




#64
1,3-Dichlorobenzene
Concen: 0.903 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047537.D
Acq: 14 Mar 2022 15:43

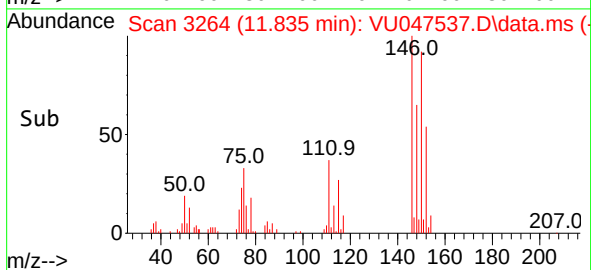
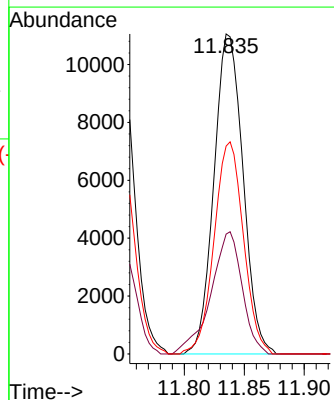
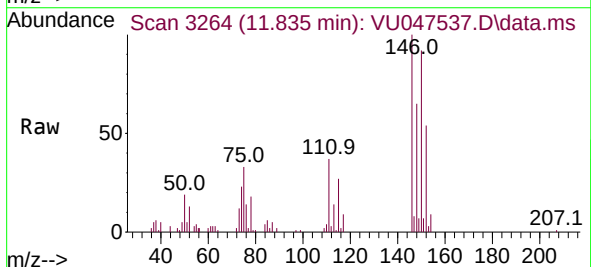
Instrument :
MSVOA_U
ClientSampleId :
VSTD001024

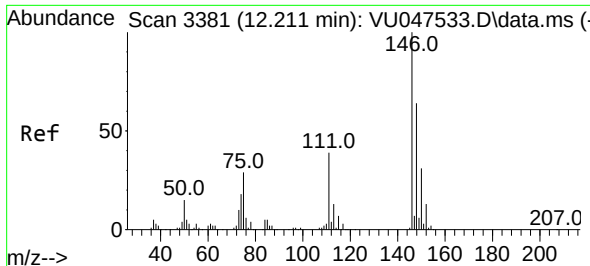
Tgt Ion:146 Resp: 17780
Ion Ratio Lower Upper
146 100
111 38.2 27.7 51.5
148 65.2 46.5 86.5



#65
1,4-Dichlorobenzene
Concen: 0.925 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU047537.D
Acq: 14 Mar 2022 15:43

Tgt Ion:146 Resp: 18600
Ion Ratio Lower Upper
146 100
111 37.5 26.2 48.8
148 65.0 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 0.919 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047537.D

Acq: 14 Mar 2022 15:43

Instrument :

MSVOA_U

ClientSampleId :

VSTD001024

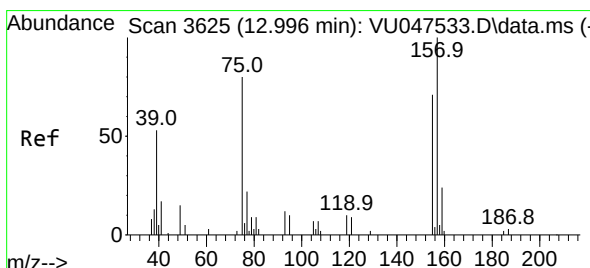
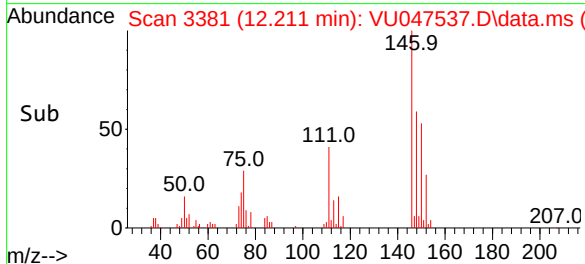
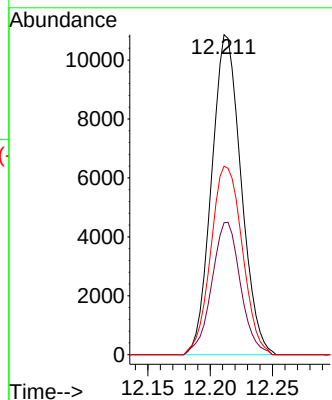
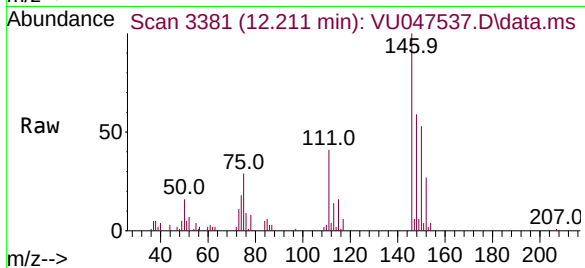
Tgt Ion:146 Resp: 17900

Ion Ratio Lower Upper

146 100

111 41.2 31.4 47.0

148 58.9 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 0.900 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU047537.D

Acq: 14 Mar 2022 15:43

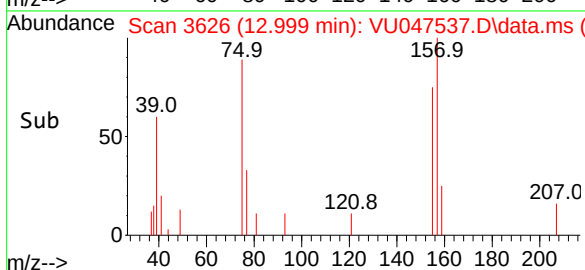
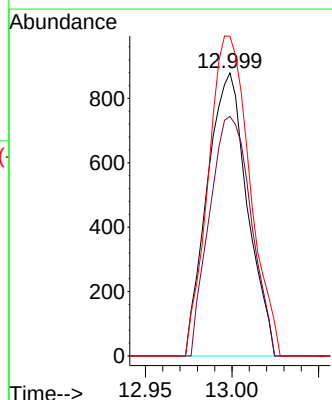
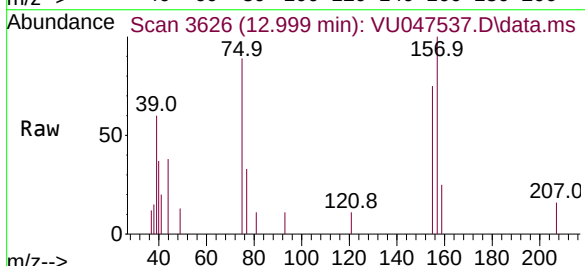
Tgt Ion: 75 Resp: 1416

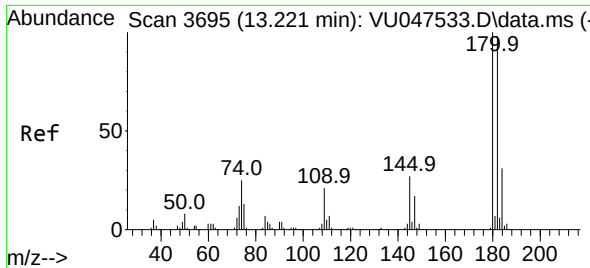
Ion Ratio Lower Upper

75 100

155 84.6 70.8 106.2

157 113.0 99.4 149.2

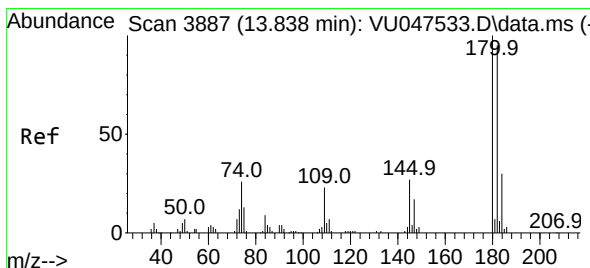
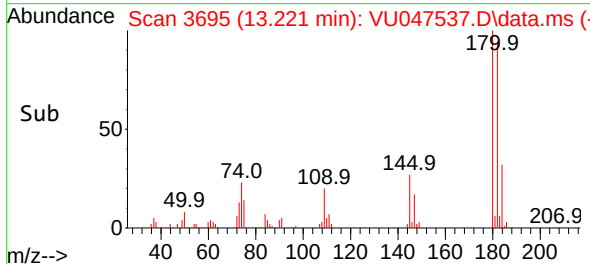
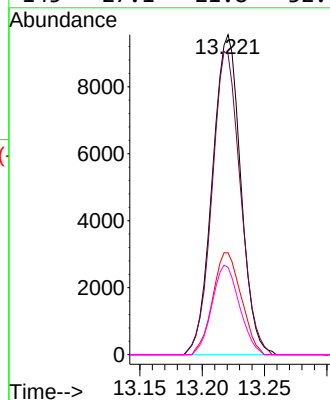
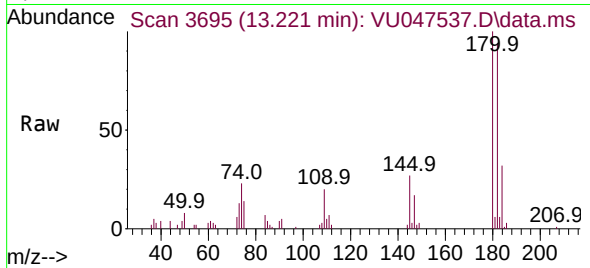




#69
 1,3,5-Trichlorobenzene
 Concen: 0.905 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU047537.D
 Acq: 14 Mar 2022 15:43

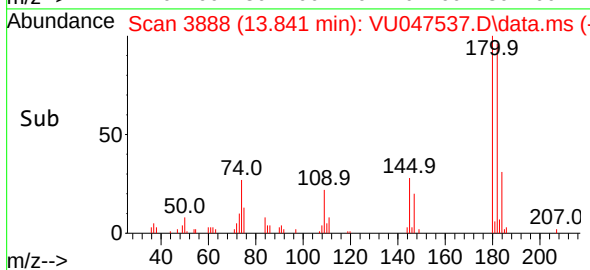
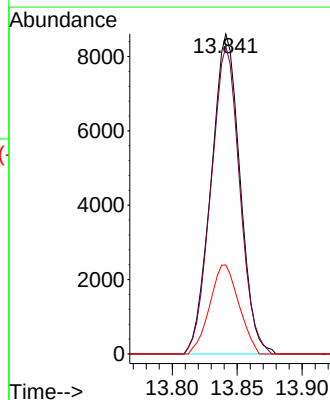
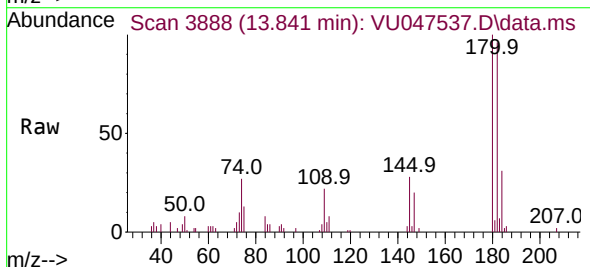
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001024

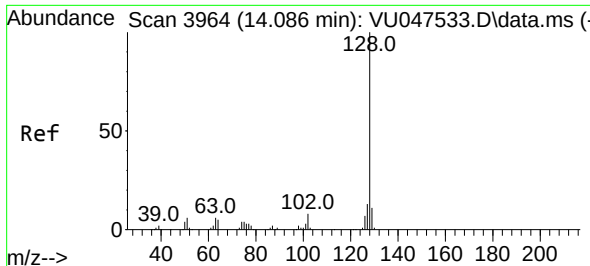
Tgt Ion:	180	Resp:	15066
Ion Ratio	Lower	Upper	
180	100		
182	95.0	77.3	115.9
184	32.2	24.3	36.5
145	27.1	21.8	32.6



#70
 1,2,4-trichlorobenzene
 Concen: 0.907 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU047537.D
 Acq: 14 Mar 2022 15:43

Tgt Ion:	180	Resp:	13284
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.6	114.8
145	28.0	22.5	33.7

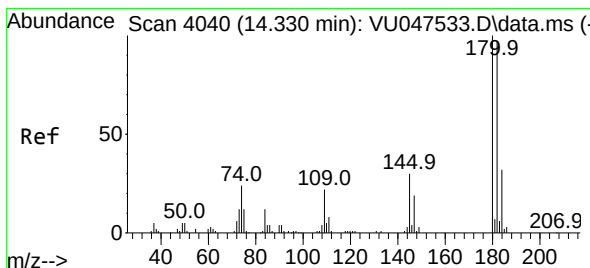
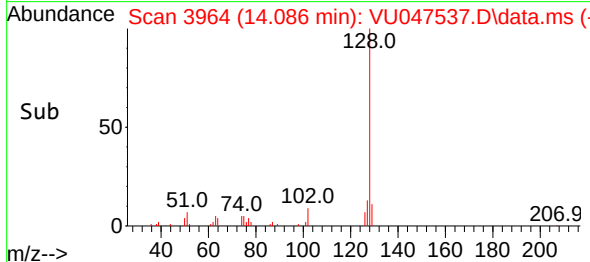
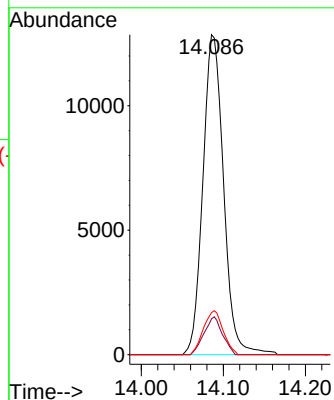
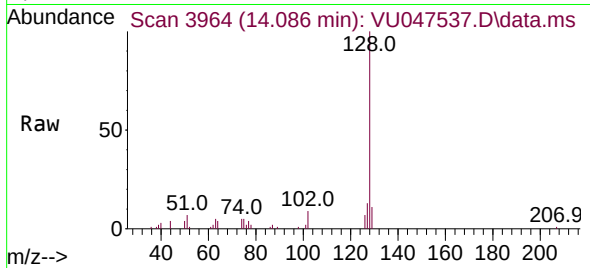




#71
Naphthalene
Concen: 0.830 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU047537.D
Acq: 14 Mar 2022 15:43

Instrument :
MSVOA_U
ClientSampleId :
VSTD001024

Tgt Ion:128 Resp: 22563
Ion Ratio Lower Upper
128 100
129 10.5 8.7 13.1
127 13.1 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 0.908 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047537.D
Acq: 14 Mar 2022 15:43

Tgt Ion:180 Resp: 12758
Ion Ratio Lower Upper
180 100
182 95.2 77.8 116.8
145 27.9 23.7 35.5

