

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022522\
 Data File : VU047263.D
 Acq On : 25 Feb 2022 09:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050172

Quant Time: Feb 28 01:56:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 18 00:54:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	335805	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	326775	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	195305	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	143640	47.098	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.200%
7) Chloroethane-d5	1.919	69	125925	55.699	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.400%
11) 1,1-Dichloroethene-d2	2.575	63	242612	48.004	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.000%
21) 2-Butanone-d5	4.632	46	240191	101.548	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.550%
24) Chloroform-d	5.070	84	253318	51.164	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.320%
26) 1,2-Dichloroethane-d4	5.706	65	154997	48.774	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.540%
32) Benzene-d6	5.732	84	520301	47.893	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.780%
36) 1,2-Dichloropropane-d6	6.693	67	160700	45.613	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.220%
41) Toluene-d8	7.899	98	496476	47.998	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.182	79	71188	38.558	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.120%
47) 2-Hexanone-d5	8.635	63	195004	96.615	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.620%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	249203	48.510	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.020%
66) 1,2-Dichlorobenzene-d4	12.195	152	207228	44.739	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	138140	44.150	ug/L	99
3) Chloromethane	1.526	50	153755	49.660	ug/L	99
5) Vinyl chloride	1.610	62	146317	46.894	ug/L	99
6) Bromomethane	1.864	94	70110	38.629	ug/L	100
8) Chloroethane	1.938	64	97619	54.270	ug/L	97
9) Trichlorofluoromethane	2.144	101	194014	53.696	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	108889	48.925	ug/L	95
12) 1,1-Dichloroethene	2.587	96	106243	48.653	ug/L	99
13) Acetone	2.642	43	140996	81.830	ug/L	97
14) Carbon disulfide	2.800	76	307033	44.799	ug/L	99
15) Methyl Acetate	2.954	43	151011	52.081	ug/L	99
16) Methylene chloride	3.050	84	125110	51.776	ug/L	97
17) trans-1,2-Dichloroethene	3.359	96	114545	49.928	ug/L	98
18) Methyl tert-butyl Ether	3.369	73	360472	46.462	ug/L	97
19) 1,1-Dichloroethane	3.877	63	209106	48.531	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	132556	52.235	ug/L	98
22) 2-Butanone	4.710	43	225905	97.715	ug/L	99
23) Bromochloromethane	4.980	128	70375	52.292	ug/L	95
25) Chloroform	5.092	83	222123	52.628	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022522\
 Data File : VU047263.D
 Acq On : 25 Feb 2022 09:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

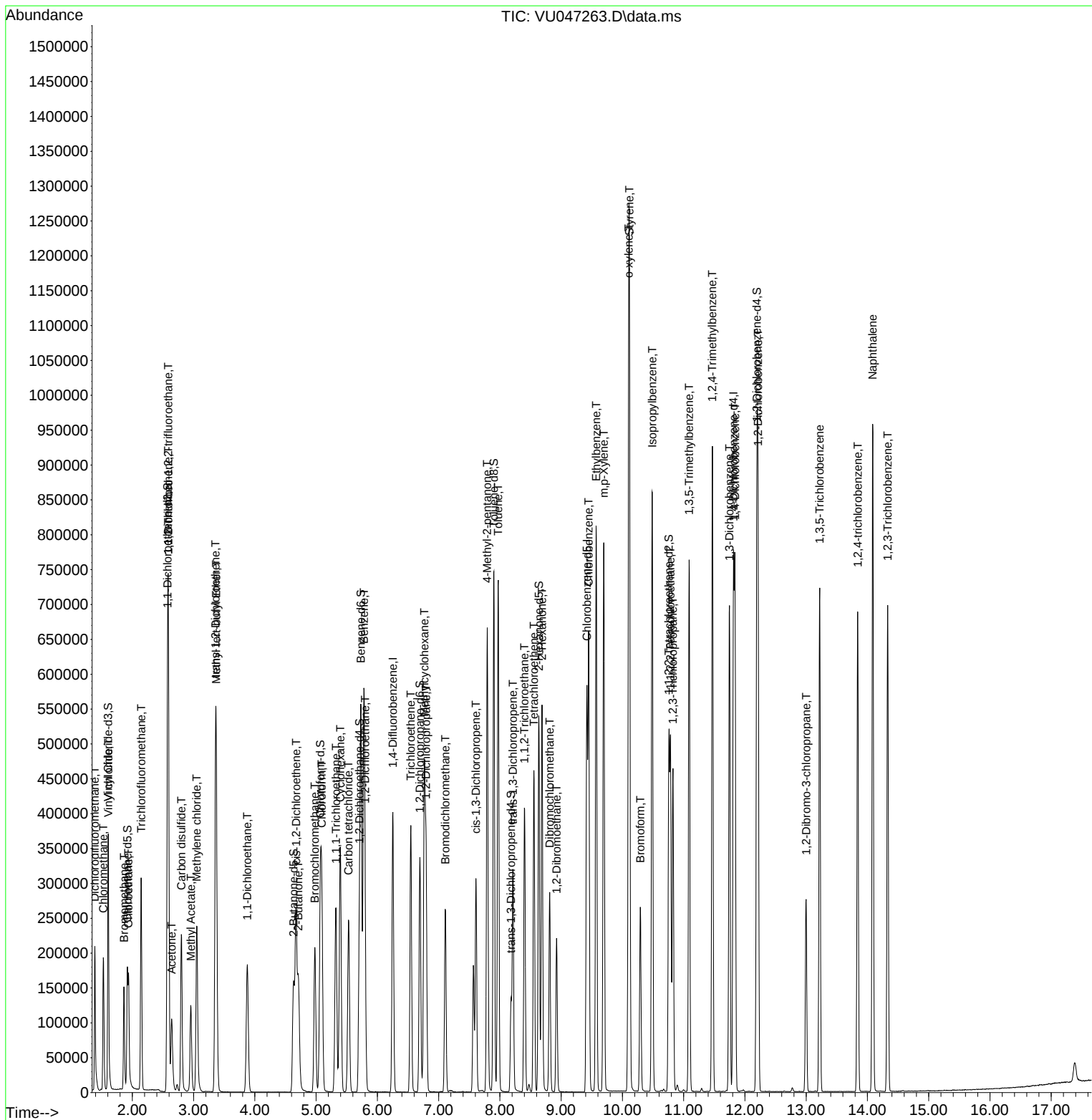
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050172

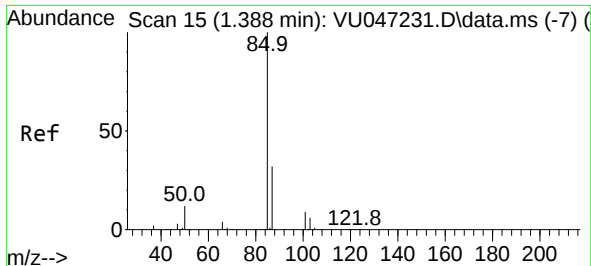
Quant Time: Feb 28 01:56:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 18 00:54:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	171290	51.076	ug/L	100
29) Cyclohexane	5.394	56	181266	42.325	ug/L	100
30) 1,1,1-Trichloroethane	5.324	97	192305	49.132	ug/L	99
31) Carbon tetrachloride	5.529	117	168746	49.725	ug/L	99
33) Benzene	5.780	78	491233	48.197	ug/L	100
34) Trichloroethene	6.546	95	128149	48.404	ug/L	98
35) Methylcyclohexane	6.767	83	191556	43.121	ug/L	99
37) 1,2-Dichloropropane	6.796	63	126214	46.231	ug/L	98
38) Bromodichloromethane	7.108	83	168565	48.443	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	178776	40.291	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	410967	95.058	ug/L	97
42) Toluene	7.973	91	538244	48.080	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	172930	40.562	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	128128	49.829	ug/L	99
46) Tetrachloroethene	8.555	164	105754	49.655	ug/L	94
48) 2-Hexanone	8.687	43	331484	92.715	ug/L	97
49) Dibromochloromethane	8.812	129	145639	48.955	ug/L	100
50) 1,2-Dibromoethane	8.925	107	144425	50.564	ug/L	98
51) Chlorobenzene	9.449	112	349949	48.753	ug/L	98
52) Ethylbenzene	9.571	91	576269	47.035	ug/L	99
53) m,p-Xylene	9.697	106	226321	46.558	ug/L	95
54) o-xylene	10.102	106	221845	46.351	ug/L	99
55) Styrene	10.115	104	383733	46.596	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	237591	52.413	ug/L	99
59) Bromoform	10.295	173	120403	45.410	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	187394	45.010	ug/L	98
61) Isopropylbenzene	10.487	105	582938	42.459	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	408810	42.014	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	507060	42.922	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	291124	45.444	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	295084	45.822	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	298030	46.748	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	64809	48.859	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.220	180	236291	47.695	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	221815	47.232	ug/L	99
71) Naphthalene	14.085	128	759100	45.657	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	222114	47.500	ug/L	98

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

Quant Time: Feb 28 01:56:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 18 00:54:38 2022
Response via : Initial Calibration

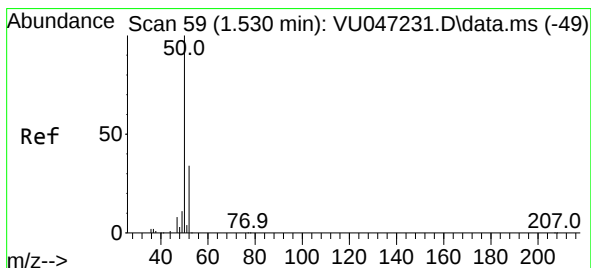
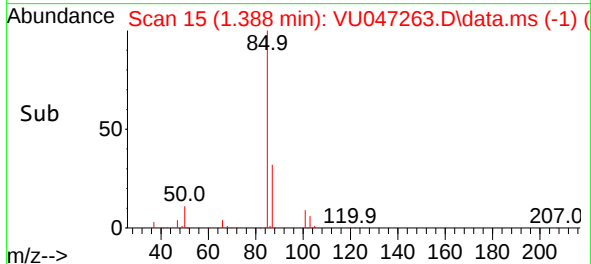
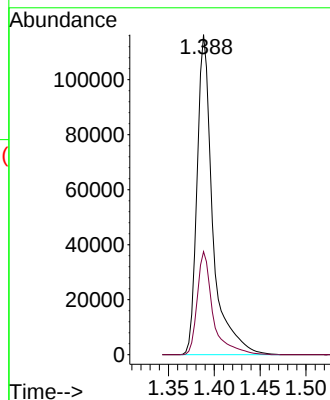
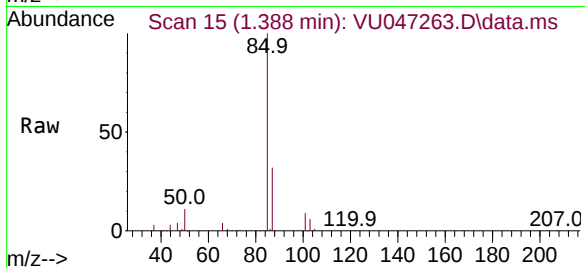




#2
Dichlorodifluoromethane
Concen: 44.150 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047263.D
Acq: 25 Feb 2022 09:27

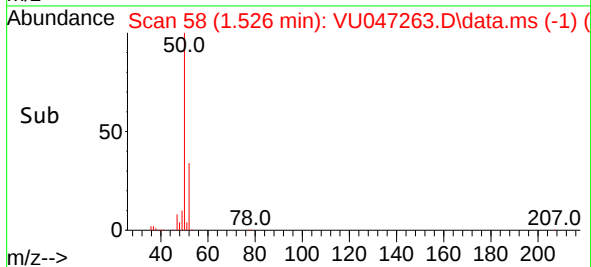
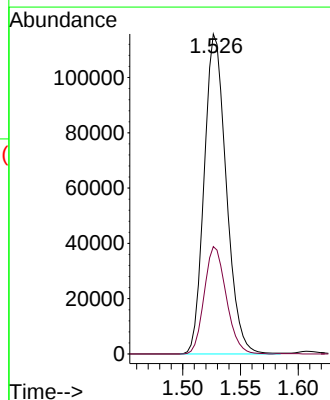
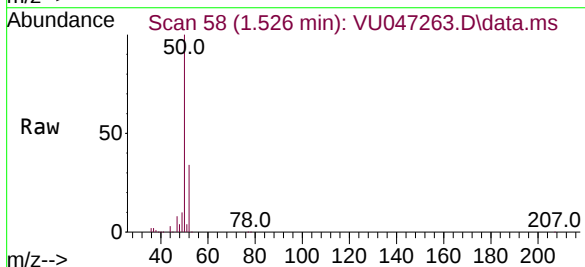
Instrument :
MSVOA_U
ClientSampleId :
VSTD050172

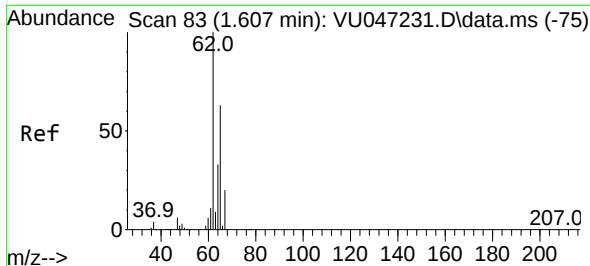
Tgt Ion: 85 Resp: 138140
Ion Ratio Lower Upper
85 100
87 32.3 25.6 38.4



#3
Chloromethane
Concen: 49.660 ug/L
RT: 1.526 min Scan# 58
Delta R.T. 0.000 min
Lab File: VU047263.D
Acq: 25 Feb 2022 09:27

Tgt Ion: 50 Resp: 153755
Ion Ratio Lower Upper
50 100
52 33.6 23.2 43.2

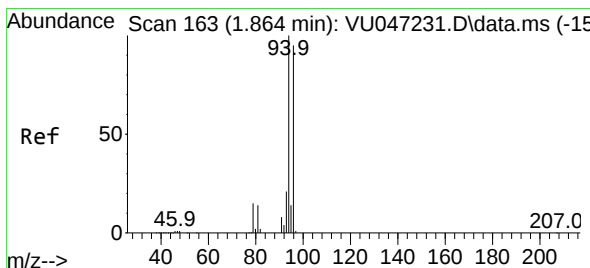
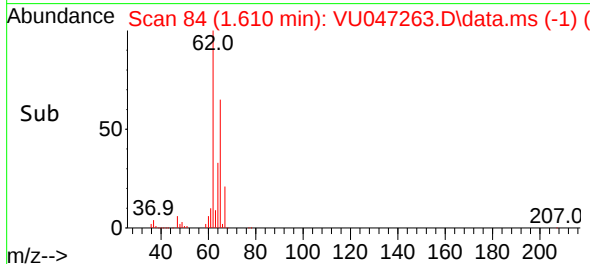
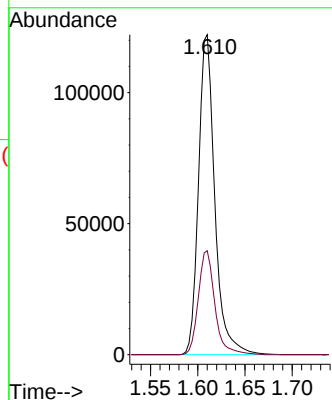
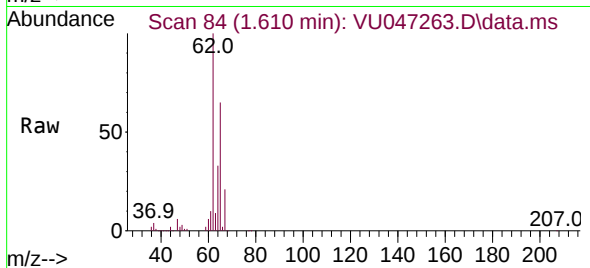




#5
 Vinyl chloride
 Concen: 46.894 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VU047263.D
 Acq: 25 Feb 2022 09:27

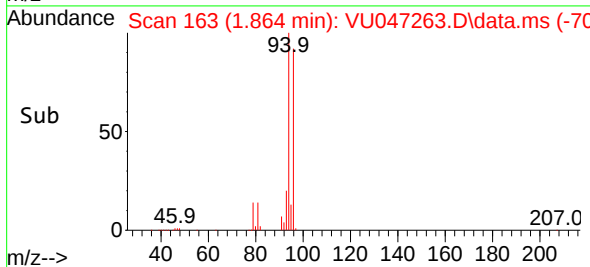
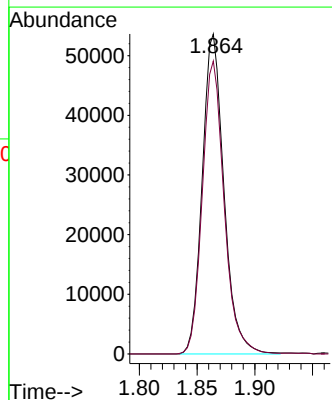
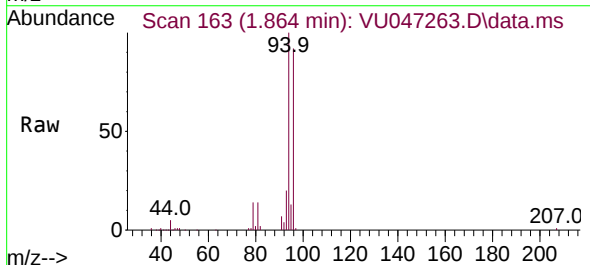
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050172

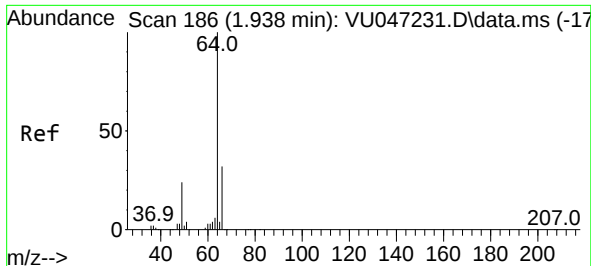
Tgt Ion: 62 Resp: 146317
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.1 42.9



#6
 Bromomethane
 Concen: 38.629 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU047263.D
 Acq: 25 Feb 2022 09:27

Tgt Ion: 94 Resp: 70110
 Ion Ratio Lower Upper
 94 100
 96 91.5 64.4 119.6

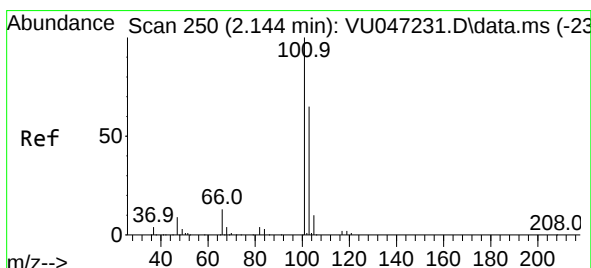
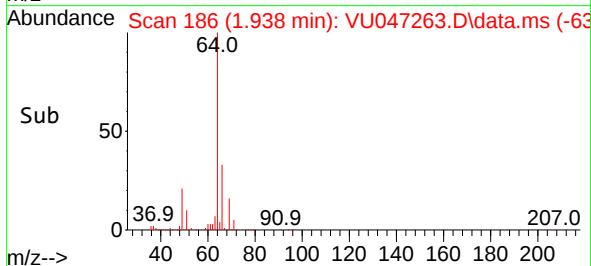
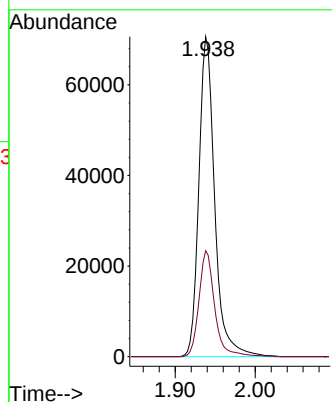
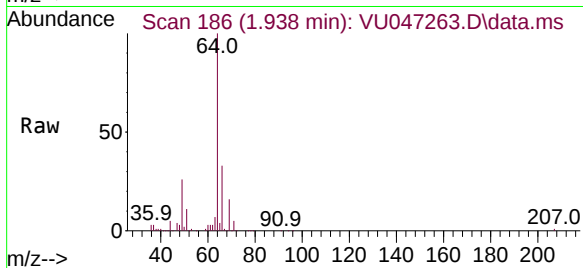




#8
Chloroethane
Concen: 54.270 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047263.D
Acq: 25 Feb 2022 09:27

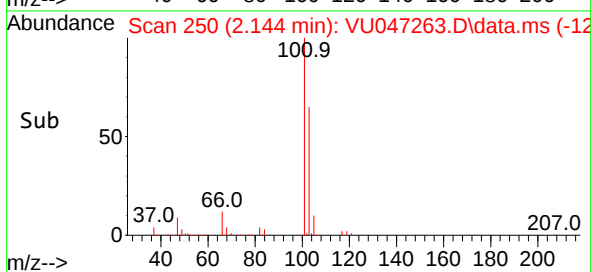
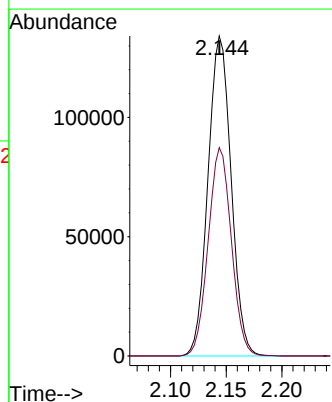
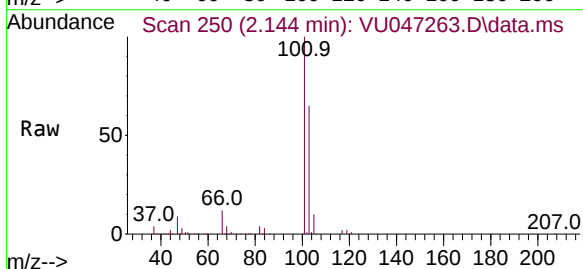
Instrument :
MSVOA_U
ClientSampleId :
VSTD050172

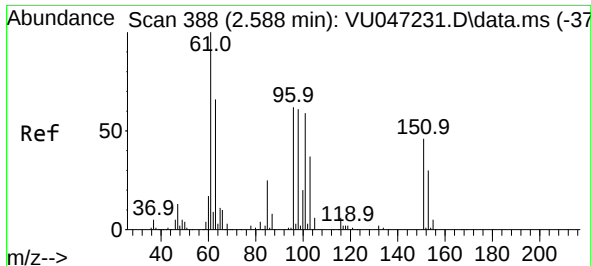
Tgt Ion: 64 Resp: 97619
Ion Ratio Lower Upper
64 100
66 33.1 24.4 45.2



#9
Trichlorofluoromethane
Concen: 53.696 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047263.D
Acq: 25 Feb 2022 09:27

Tgt Ion:101 Resp: 194014
Ion Ratio Lower Upper
101 100
103 65.1 52.0 78.0

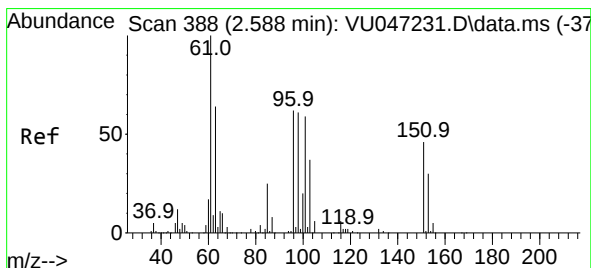
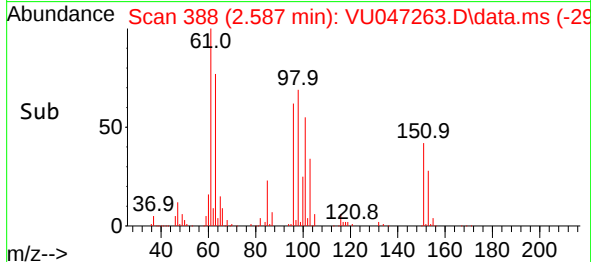
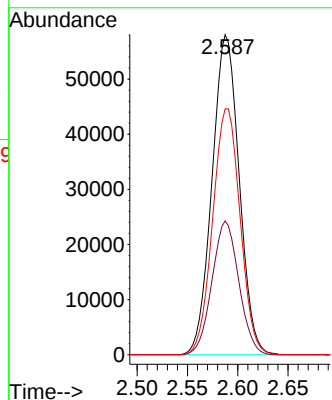
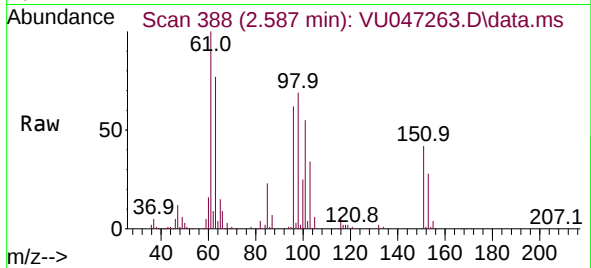




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.925 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU047263.D
 Acq: 25 Feb 2022 09:27

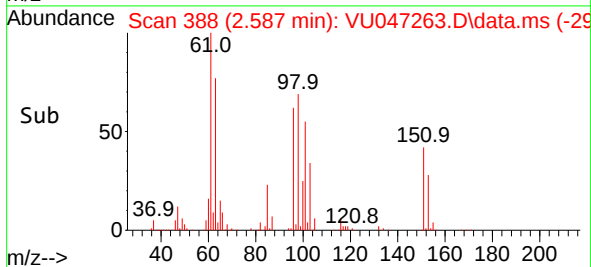
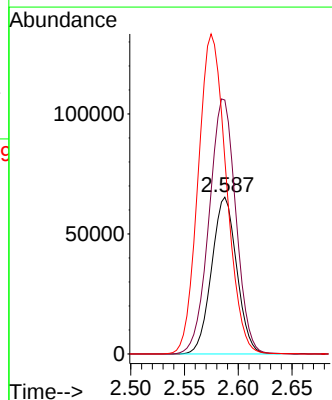
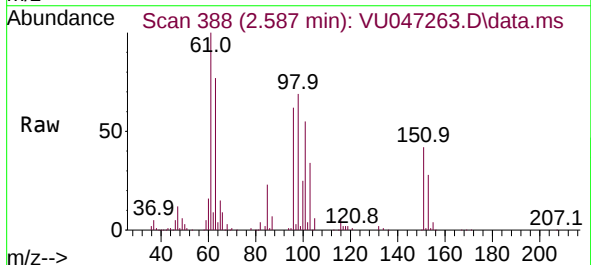
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050172

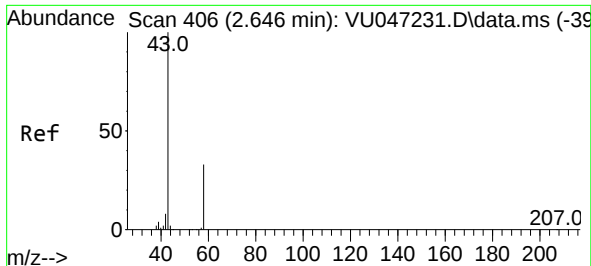
Tgt Ion:101 Resp: 108889
 Ion Ratio Lower Upper
 101 100
 85 41.3 34.9 52.3
 151 77.7 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 48.653 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU047263.D
 Acq: 25 Feb 2022 09:27

Tgt Ion: 96 Resp: 106243
 Ion Ratio Lower Upper
 96 100
 61 161.8 114.9 213.3
 63 124.2 86.0 159.8





#13

Acetone

Concen: 81.830 ug/L

RT: 2.642 min Scan# 406

Delta R.T. -0.006 min

Lab File: VU047263.D

Acq: 25 Feb 2022 09:27

Instrument :

MSVOA_U

ClientSampleId :

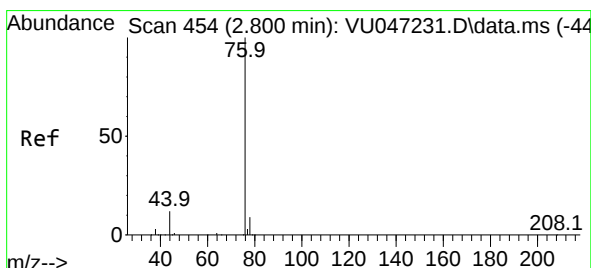
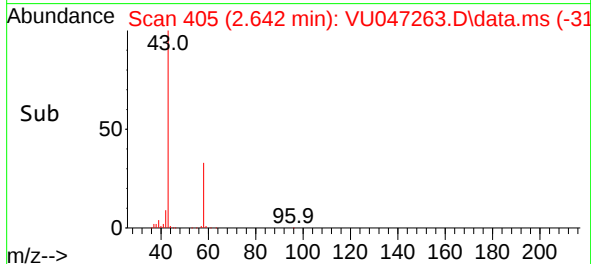
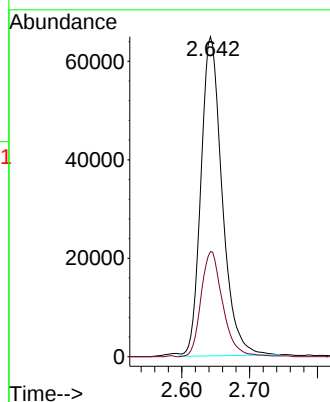
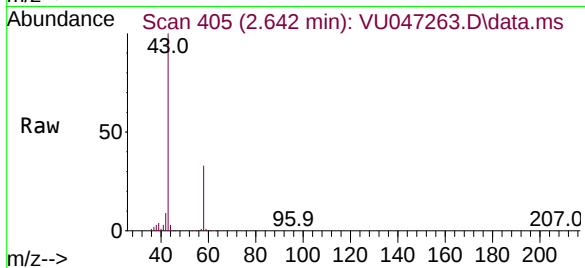
VSTD050172

Tgt Ion: 43 Resp: 140996

Ion Ratio Lower Upper

43 100

58 33.6 0.0 71.0



#14

Carbon disulfide

Concen: 44.799 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047263.D

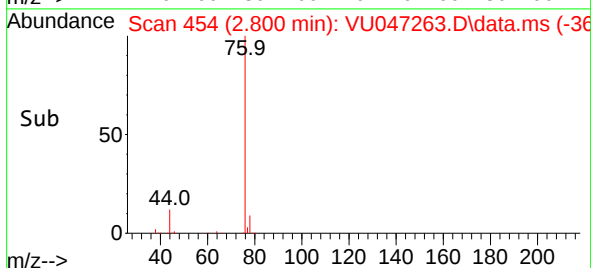
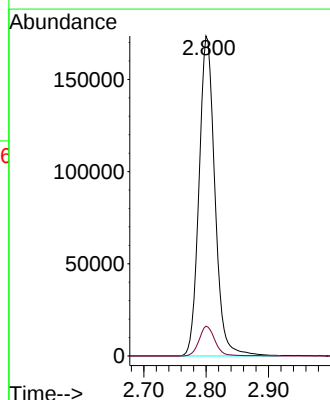
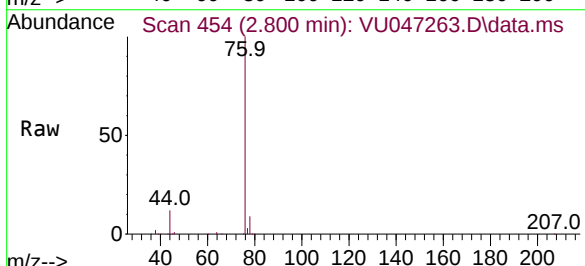
Acq: 25 Feb 2022 09:27

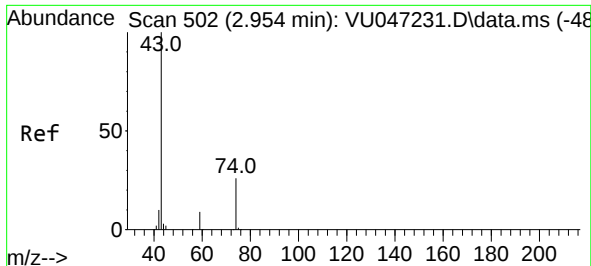
Tgt Ion: 76 Resp: 307033

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

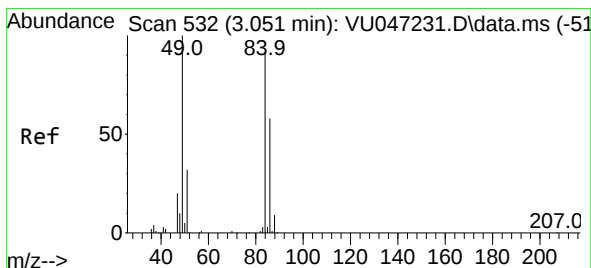
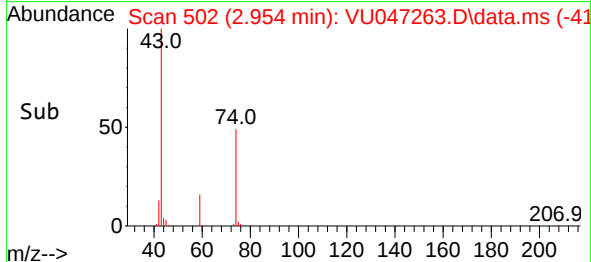
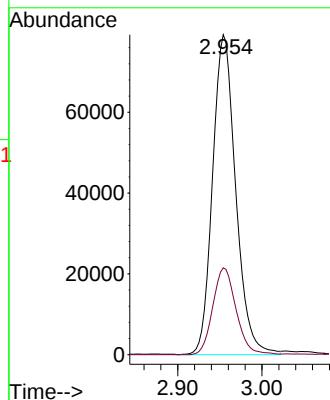
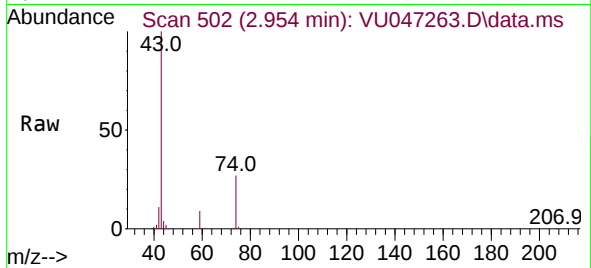




#15
Methyl Acetate
Concen: 52.081 ug/L
RT: 2.954 min Scan# 502
Delta R.T. -0.003 min
Lab File: VU047263.D
Acq: 25 Feb 2022 09:27

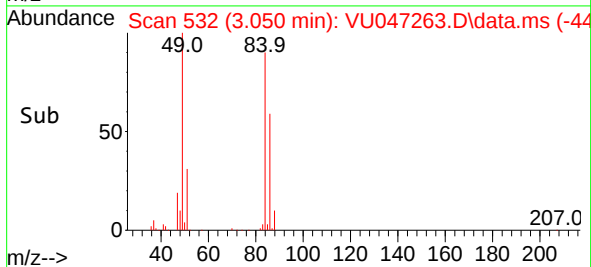
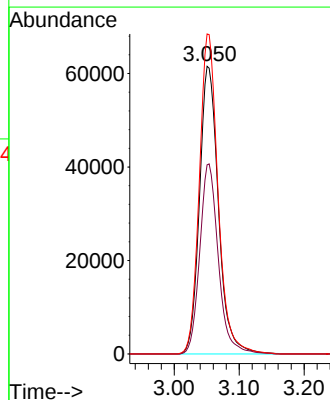
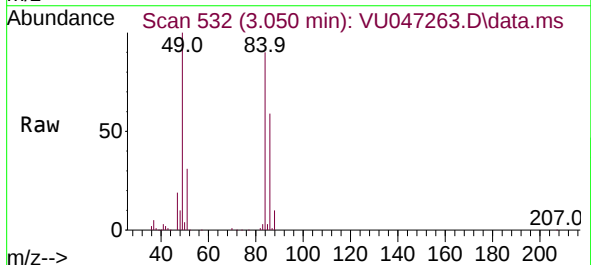
Instrument :
MSVOA_U
ClientSampleId :
VSTD050172

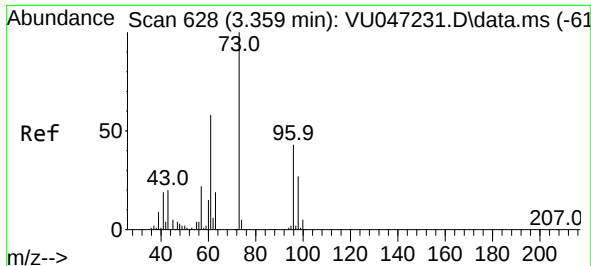
Tgt Ion: 43 Resp: 151011
Ion Ratio Lower Upper
43 100
74 27.3 22.3 33.5



#16
Methylene chloride
Concen: 51.776 ug/L
RT: 3.050 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU047263.D
Acq: 25 Feb 2022 09:27

Tgt Ion: 84 Resp: 125110
Ion Ratio Lower Upper
84 100
86 65.8 44.7 82.9
49 111.3 75.9 141.1

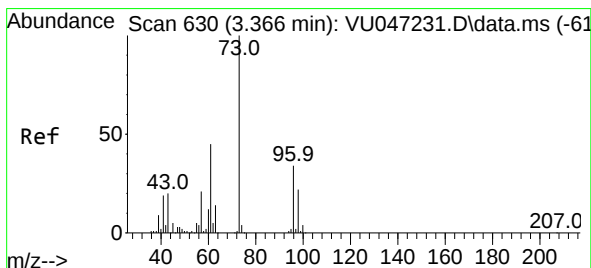
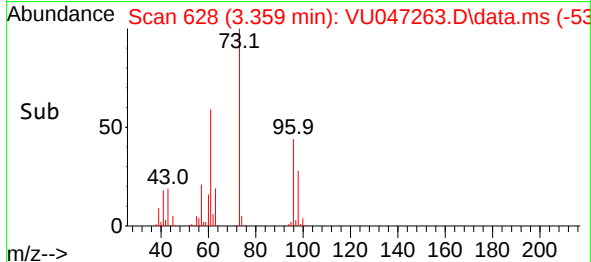
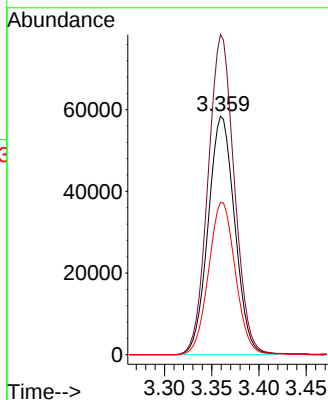
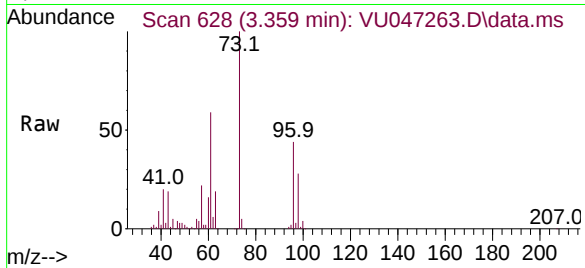




#17
trans-1,2-Dichloroethene
Concen: 49.928 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047263.D
Acq: 25 Feb 2022 09:27

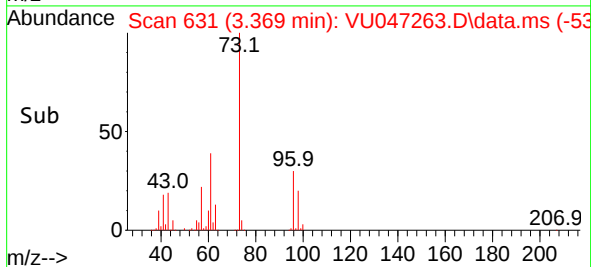
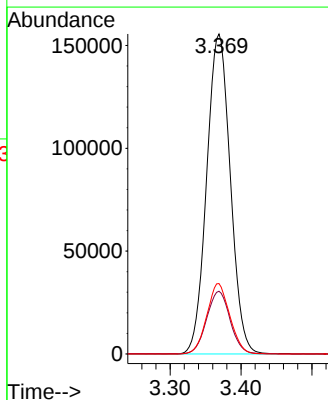
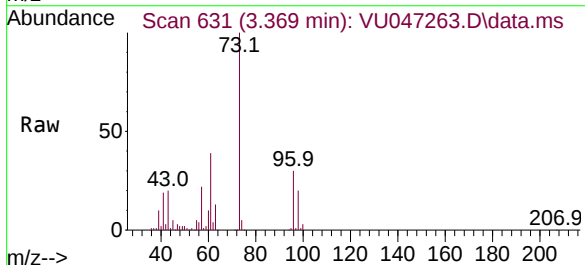
Instrument :
MSVOA_U
ClientSampleId :
VSTD050172

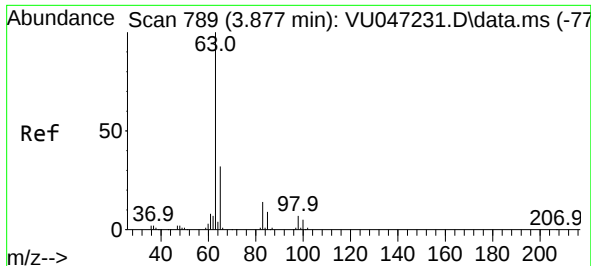
Tgt Ion: 96 Resp: 114545
Ion Ratio Lower Upper
96 100
61 134.1 92.5 171.9
98 63.8 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 46.462 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU047263.D
Acq: 25 Feb 2022 09:27

Tgt Ion: 73 Resp: 360472
Ion Ratio Lower Upper
73 100
43 19.3 14.1 21.1
57 21.3 16.4 24.6

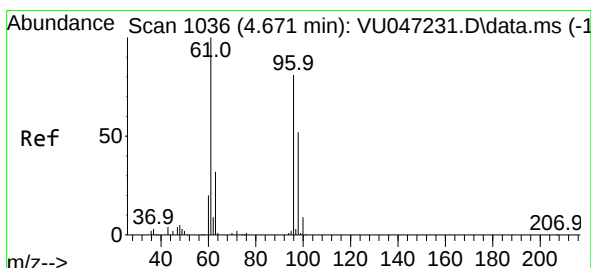
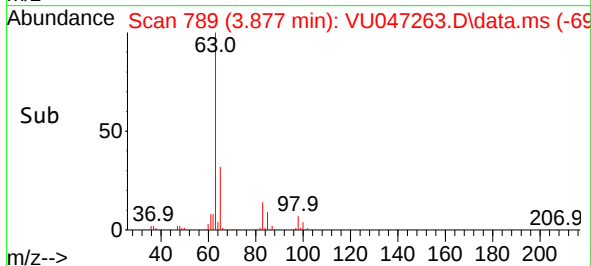
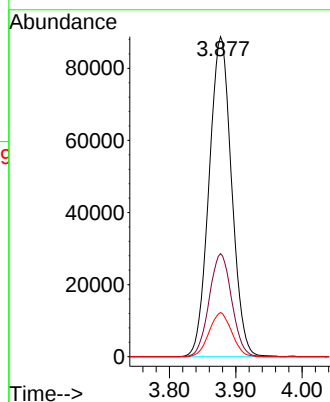
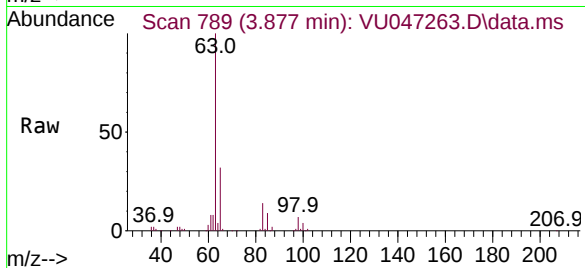




#19
1,1-Dichloroethane
Concen: 48.531 ug/L
RT: 3.877 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU047263.D
Acq: 25 Feb 2022 09:27

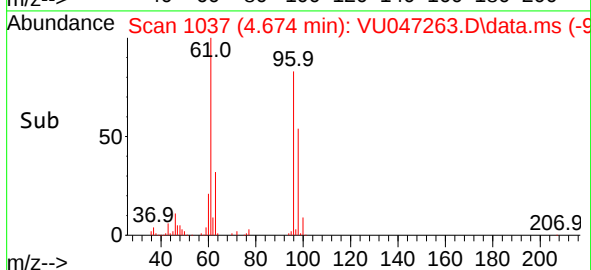
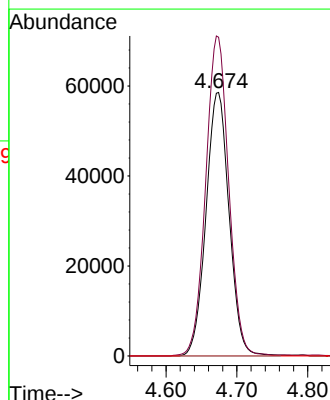
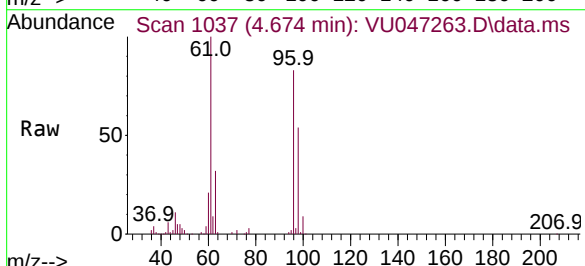
Instrument :
MSVOA_U
ClientSampleId :
VSTD050172

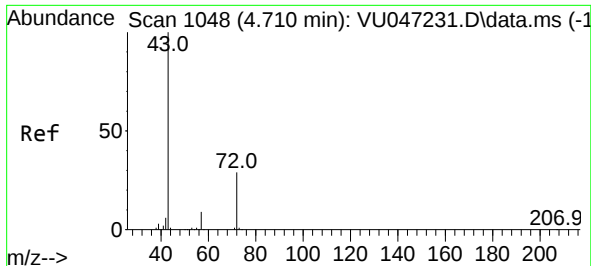
Tgt Ion: 63 Resp: 209106
Ion Ratio Lower Upper
63 100
65 32.2 22.8 42.4
83 13.8 9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 52.235 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU047263.D
Acq: 25 Feb 2022 09:27

Tgt Ion: 96 Resp: 132556
Ion Ratio Lower Upper
96 100
61 121.0 86.0 159.6
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 97.715 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU047263.D

Acq: 25 Feb 2022 09:27

Instrument :

MSVOA_U

ClientSampleId :

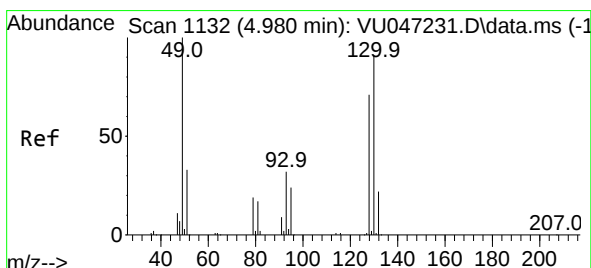
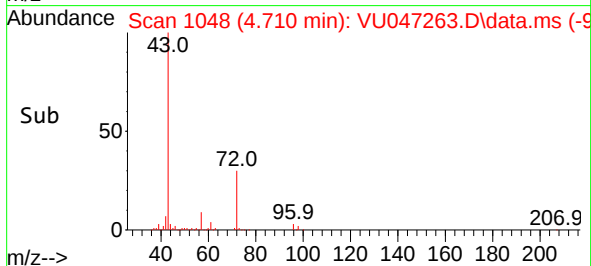
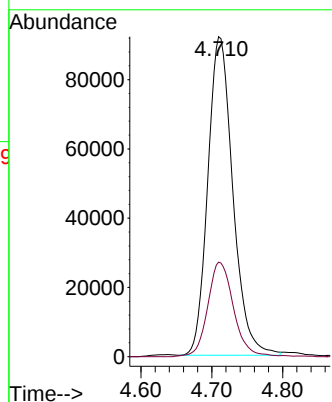
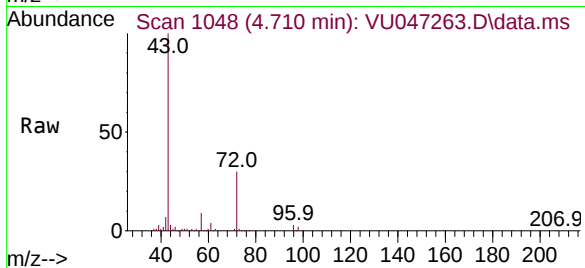
VSTD050172

Tgt Ion: 43 Resp: 225905

Ion Ratio Lower Upper

43 100

72 30.5 15.6 46.8



#23

Bromochloromethane

Concen: 52.292 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU047263.D

Acq: 25 Feb 2022 09:27

Tgt Ion: 128 Resp: 70375

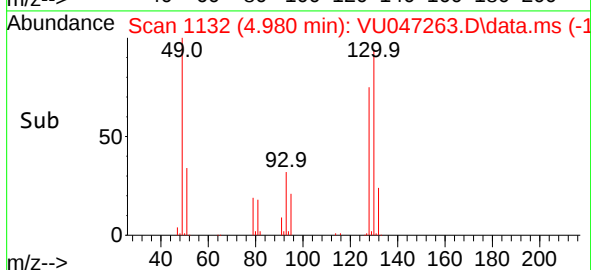
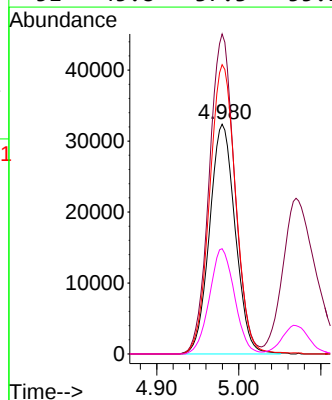
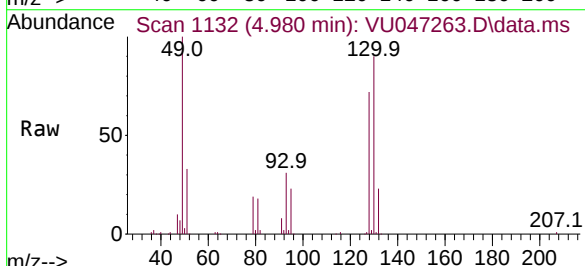
Ion Ratio Lower Upper

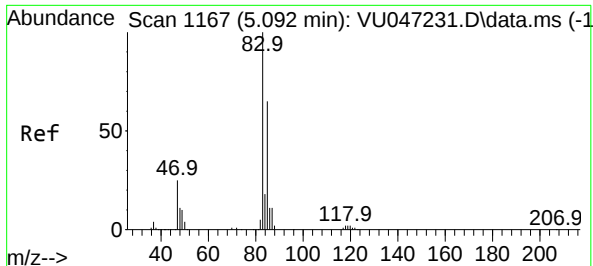
128 100

49 139.3 105.4 195.8

130 125.9 88.7 164.7

51 45.8 37.3 55.9





#25

Chloroform

Concen: 52.628 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047263.D

Acq: 25 Feb 2022 09:27

Instrument :

MSVOA_U

ClientSampleId :

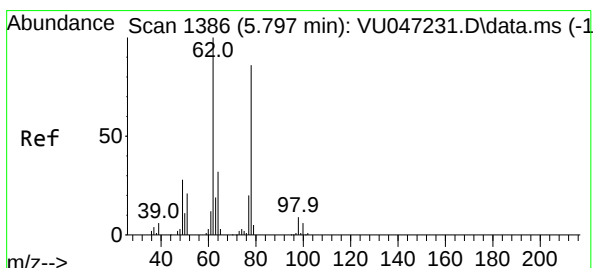
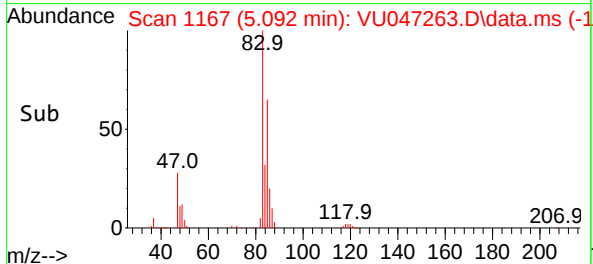
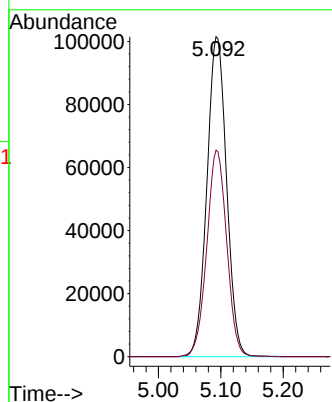
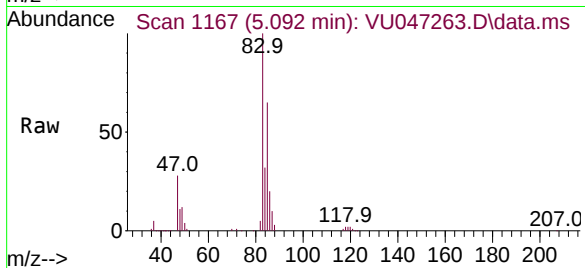
VSTD050172

Tgt Ion: 83 Resp: 222123

Ion Ratio Lower Upper

83 100

85 64.5 45.7 84.9



#27

1,2-Dichloroethane

Concen: 51.076 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.003 min

Lab File: VU047263.D

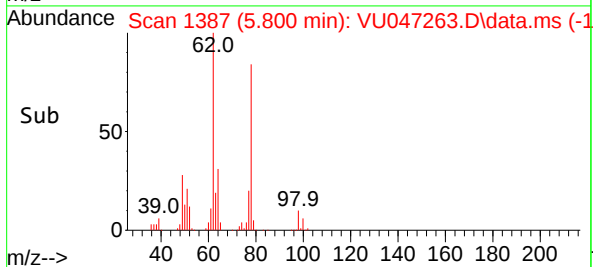
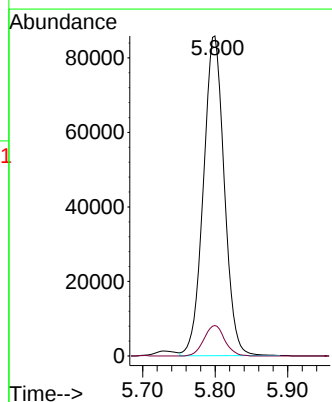
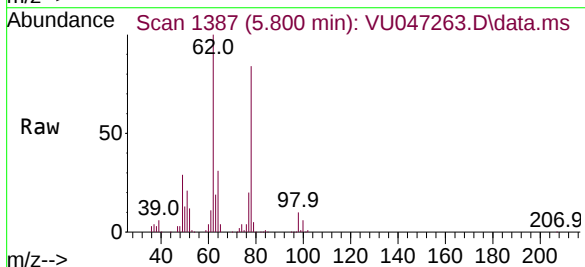
Acq: 25 Feb 2022 09:27

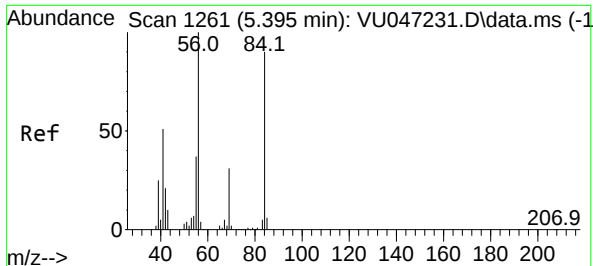
Tgt Ion: 62 Resp: 171290

Ion Ratio Lower Upper

62 100

98 9.5 7.7 11.5





#29

Cyclohexane

Concen: 42.325 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU047263.D

Acq: 25 Feb 2022 09:27

Instrument :

MSVOA_U

ClientSampleId :

VSTD050172

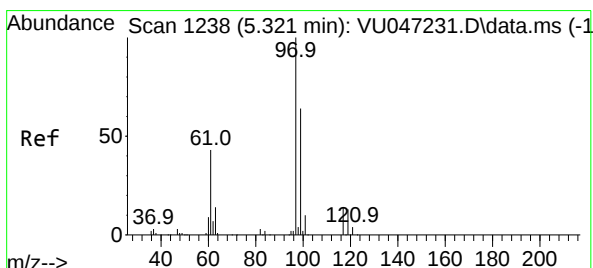
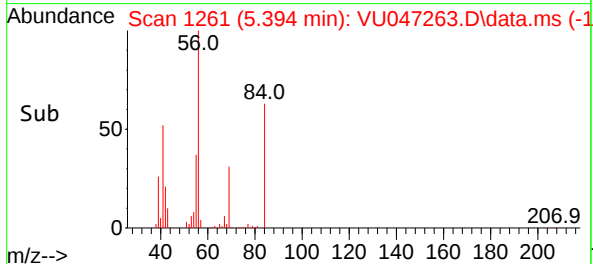
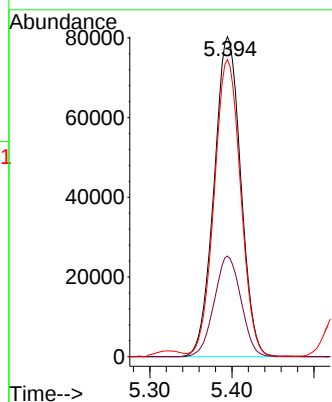
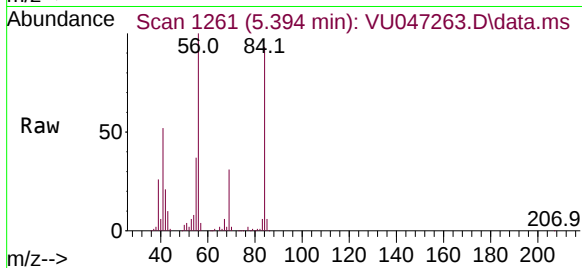
Tgt Ion: 56 Resp: 181266

Ion Ratio Lower Upper

56 100

69 31.6 25.8 38.6

84 92.6 74.2 111.2



#30

1,1,1-Trichloroethane

Concen: 49.132 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. 0.003 min

Lab File: VU047263.D

Acq: 25 Feb 2022 09:27

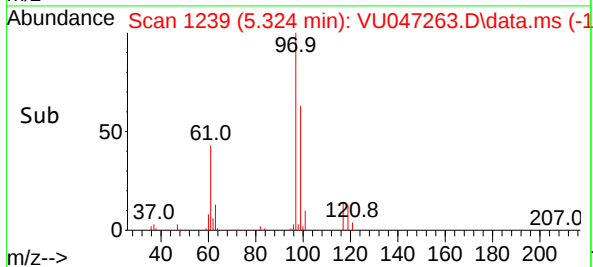
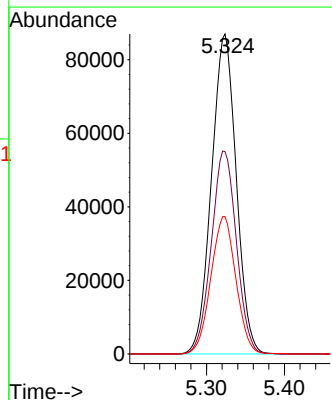
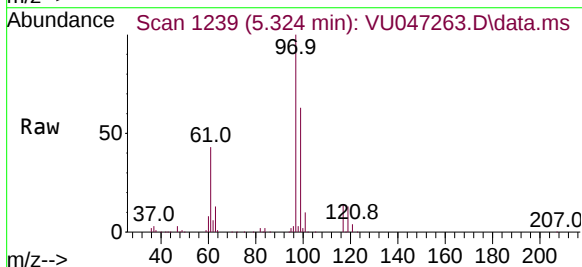
Tgt Ion: 97 Resp: 192305

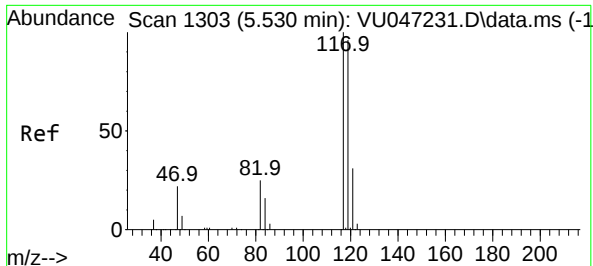
Ion Ratio Lower Upper

97 100

99 64.3 51.1 76.7

61 43.4 34.1 51.1

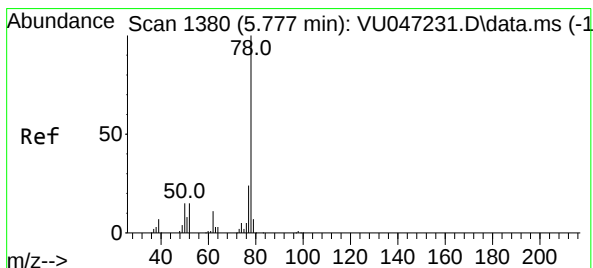
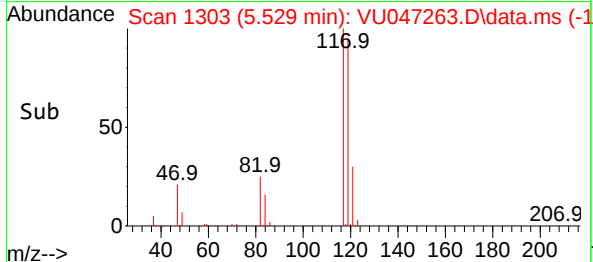
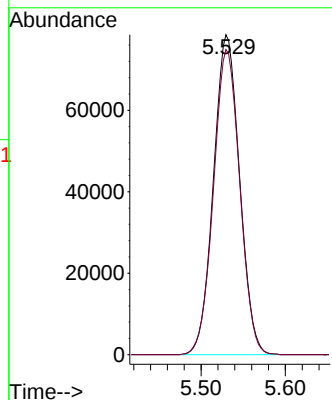
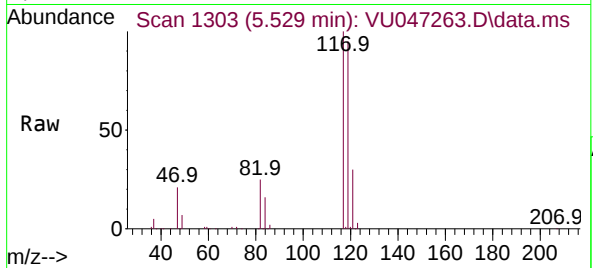




#31
Carbon tetrachloride
Concen: 49.725 ug/L
RT: 5.529 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU047263.D
Acq: 25 Feb 2022 09:27

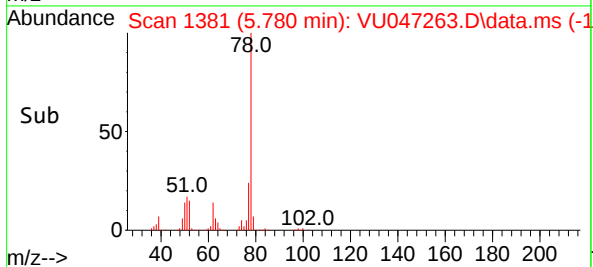
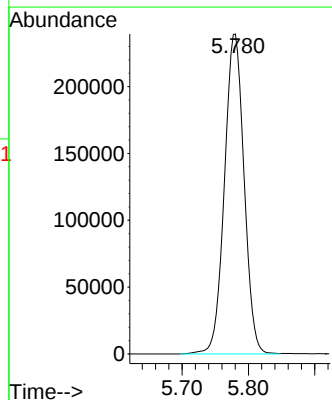
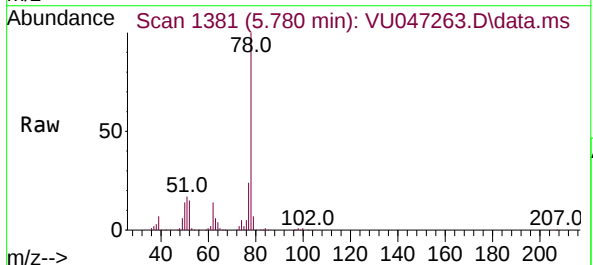
Instrument :
MSVOA_U
ClientSampleId :
VSTD050172

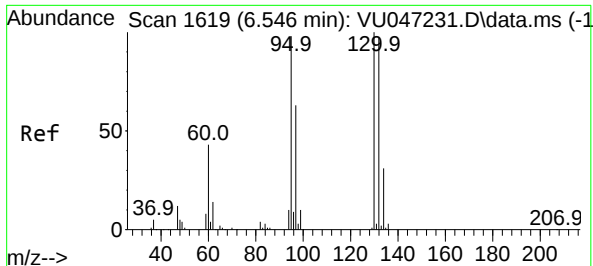
Tgt Ion:117 Resp: 168746
Ion Ratio Lower Upper
117 100
119 96.1 77.5 116.3



#33
Benzene
Concen: 48.197 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU047263.D
Acq: 25 Feb 2022 09:27

Tgt Ion: 78 Resp: 491233

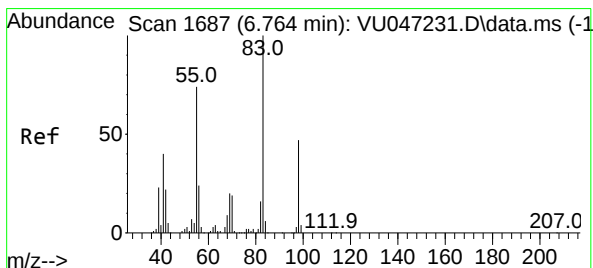
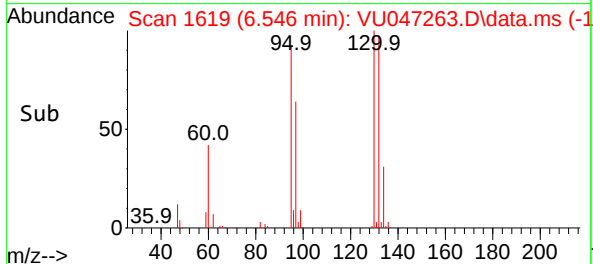
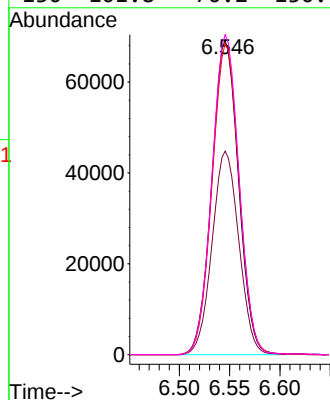
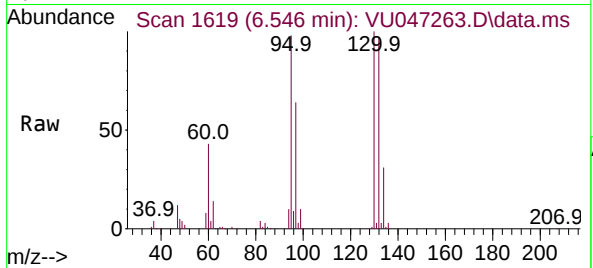




#34
Trichloroethene
Concen: 48.404 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047263.D
Acq: 25 Feb 2022 09:27

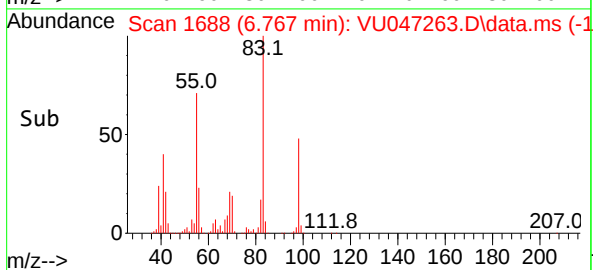
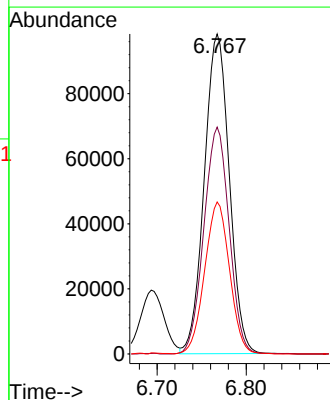
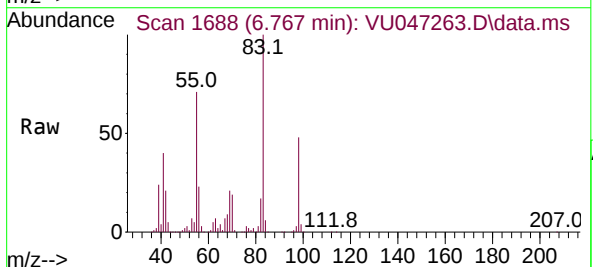
Instrument :
MSVOA_U
ClientSampleId :
VSTD050172

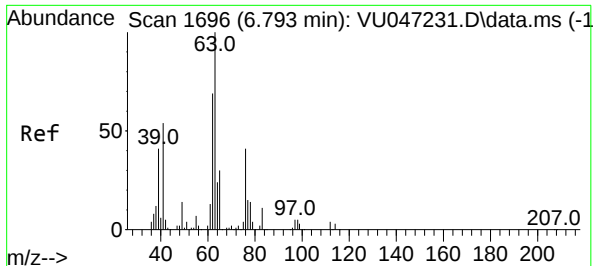
Tgt Ion: 95 Resp: 128149
Ion Ratio Lower Upper
95 100
97 64.8 45.1 83.7
132 99.0 66.7 123.9
130 101.8 70.2 130.4



#35
Methylcyclohexane
Concen: 43.121 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU047263.D
Acq: 25 Feb 2022 09:27

Tgt Ion: 83 Resp: 191556
Ion Ratio Lower Upper
83 100
55 71.7 56.6 85.0
98 47.3 38.4 57.6





#37

1,2-Dichloropropane

Concen: 46.231 ug/L

RT: 6.796 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU047263.D

Acq: 25 Feb 2022 09:27

Instrument :

MSVOA_U

ClientSampleId :

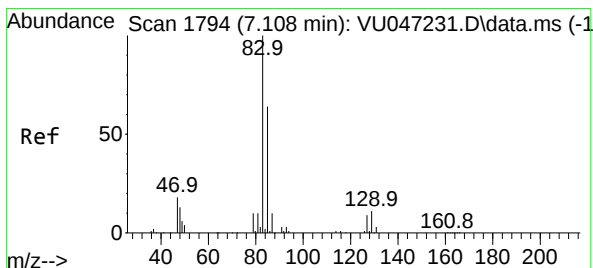
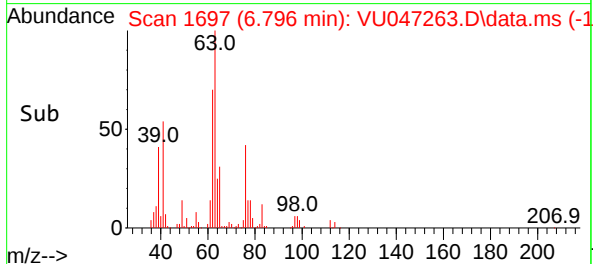
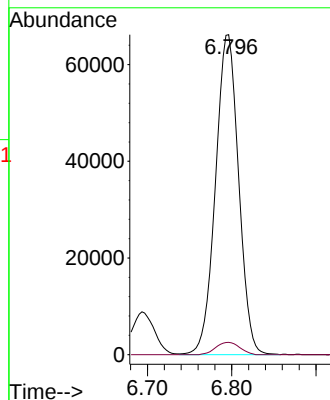
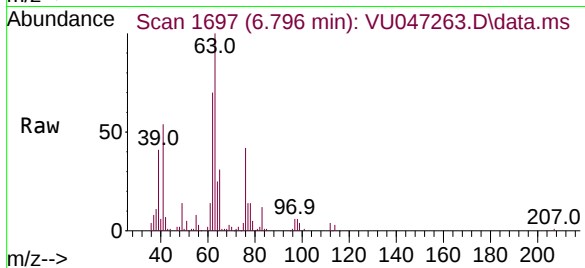
VSTD050172

Tgt Ion: 63 Resp: 126214

Ion Ratio Lower Upper

63 100

112 4.0 3.7 5.5



#38

Bromodichloromethane

Concen: 48.443 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047263.D

Acq: 25 Feb 2022 09:27

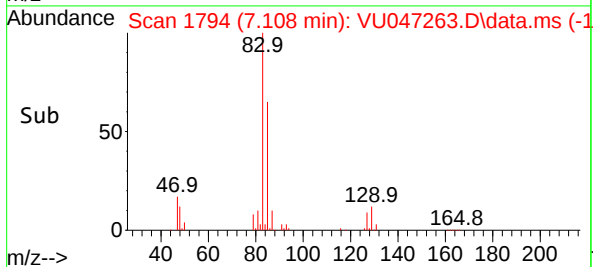
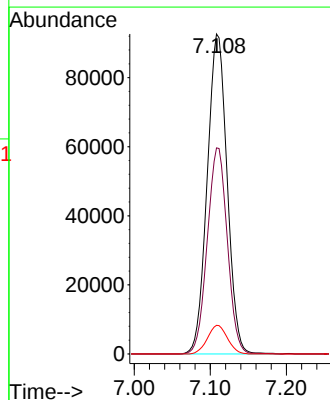
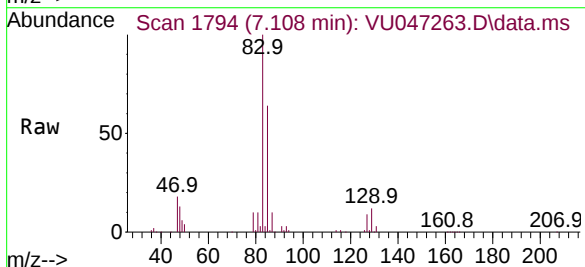
Tgt Ion: 83 Resp: 168565

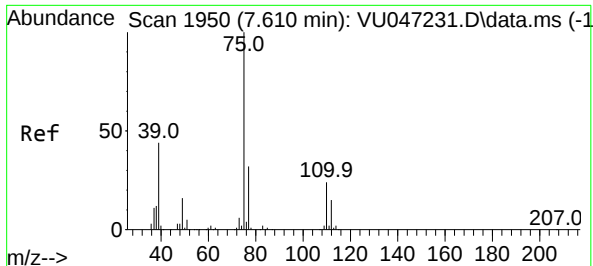
Ion Ratio Lower Upper

83 100

85 64.4 45.0 83.6

127 8.9 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 40.291 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047263.D

Acq: 25 Feb 2022 09:27

Instrument :

MSVOA_U

ClientSampleId :

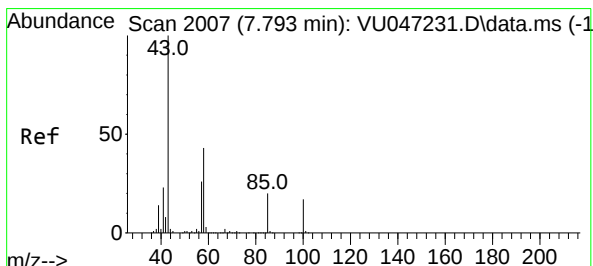
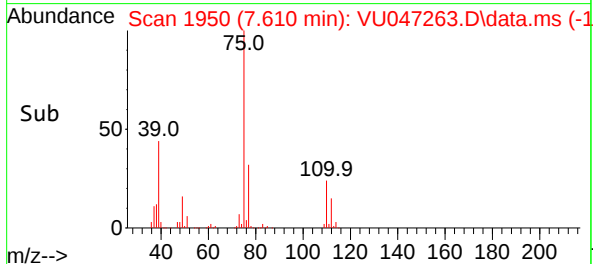
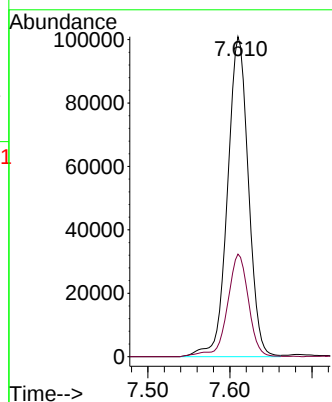
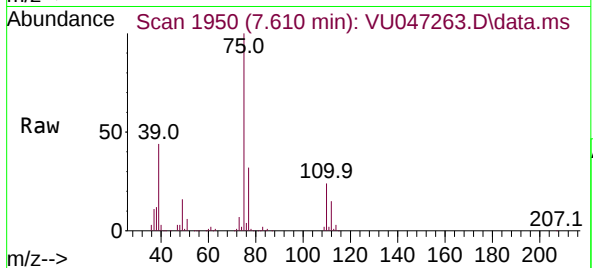
VSTD050172

Tgt Ion: 75 Resp: 178776

Ion Ratio Lower Upper

75 100

77 32.1 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 95.058 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU047263.D

Acq: 25 Feb 2022 09:27

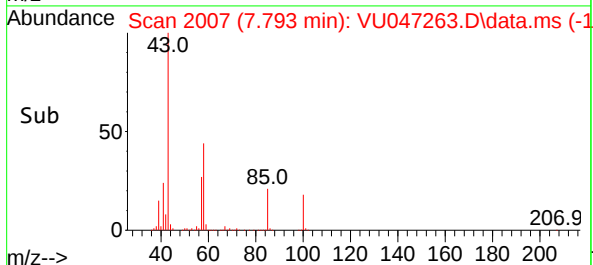
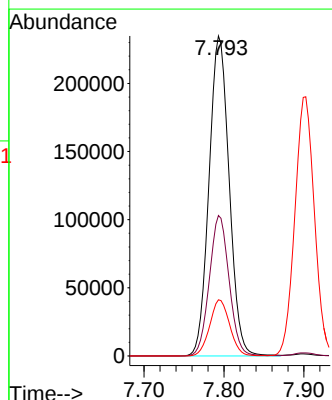
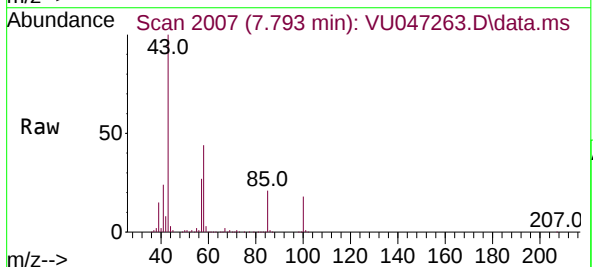
Tgt Ion: 43 Resp: 410967

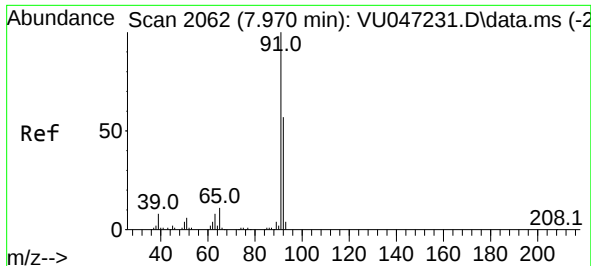
Ion Ratio Lower Upper

43 100

58 43.1 35.8 53.8

100 17.4 15.7 23.5





#42

Toluene

Concen: 48.080 ug/L

RT: 7.973 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047263.D

Acq: 25 Feb 2022 09:27

Instrument :

MSVOA_U

ClientSampleId :

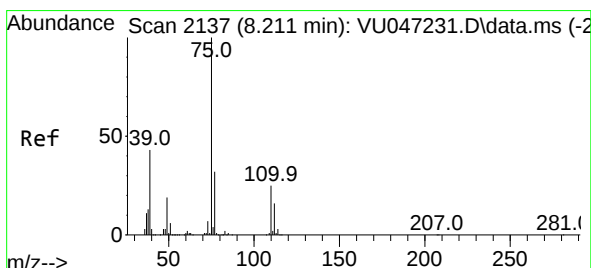
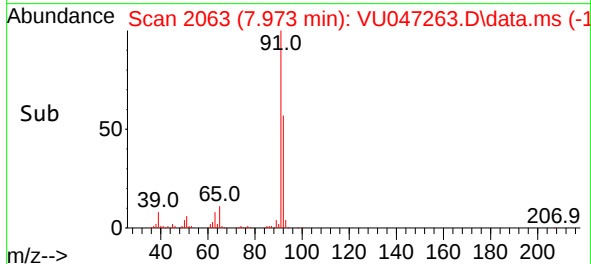
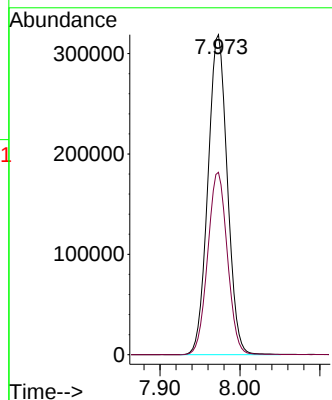
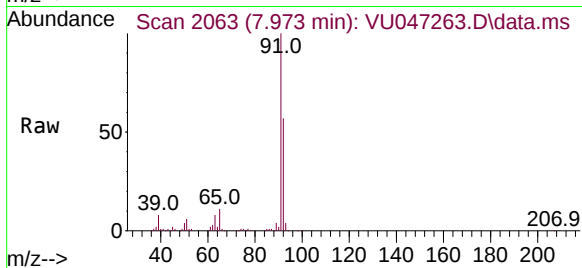
VSTD050172

Tgt Ion: 91 Resp: 538244

Ion Ratio Lower Upper

91 100

92 57.0 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 40.562 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047263.D

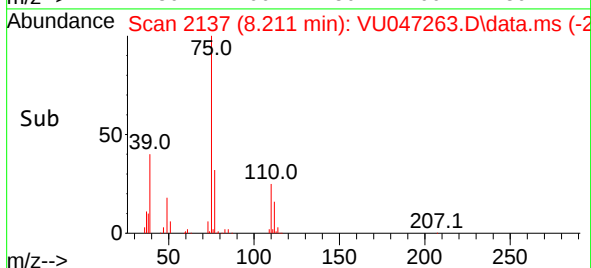
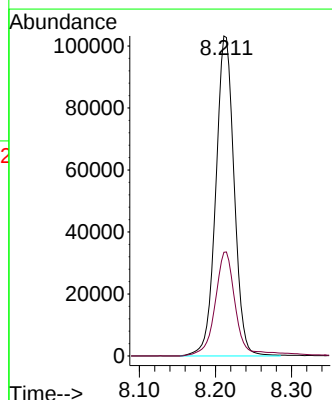
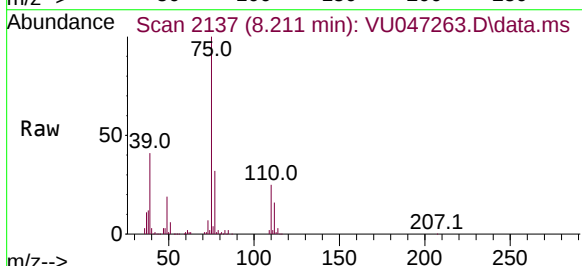
Acq: 25 Feb 2022 09:27

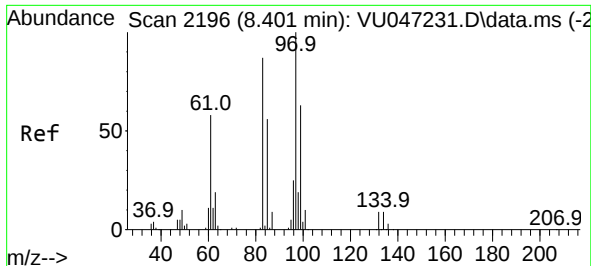
Tgt Ion: 75 Resp: 172930

Ion Ratio Lower Upper

75 100

77 32.4 23.0 42.8

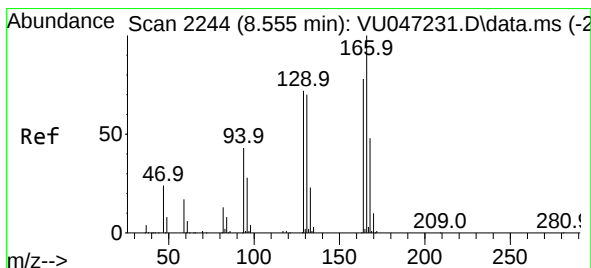
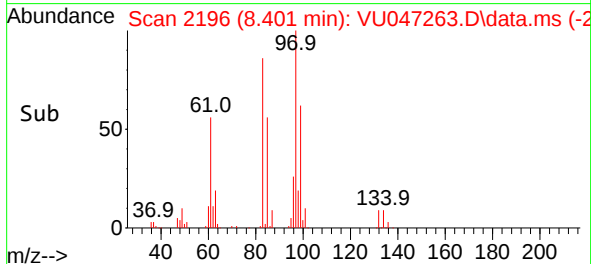
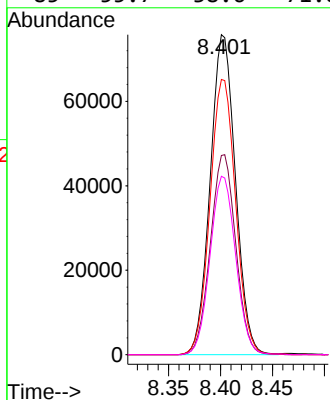
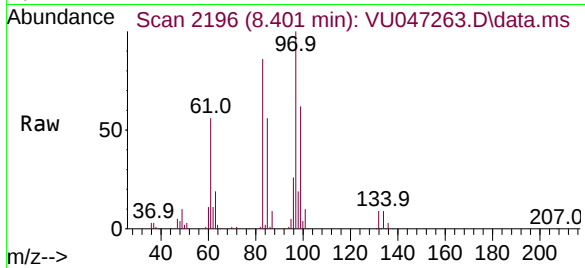




#45
1,1,2-Trichloroethane
Concen: 49.829 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU047263.D
Acq: 25 Feb 2022 09:27

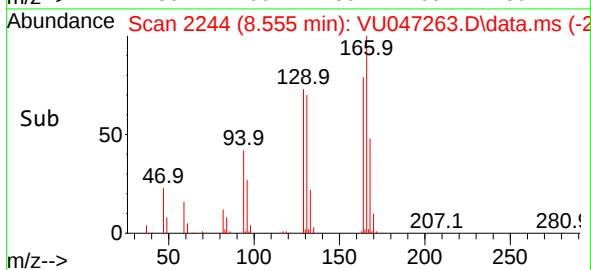
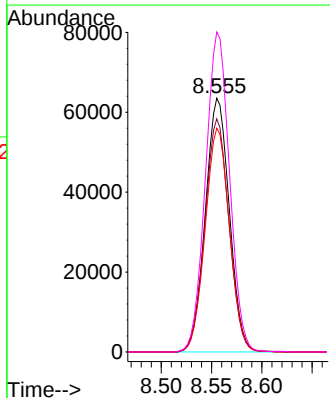
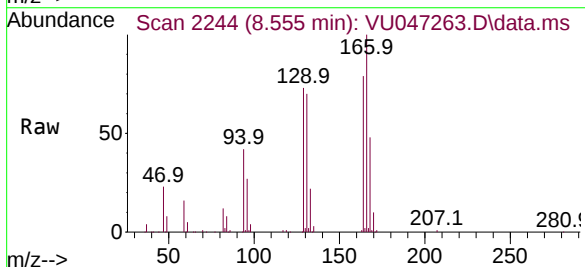
Instrument :
MSVOA_U
ClientSampleId :
VSTD050172

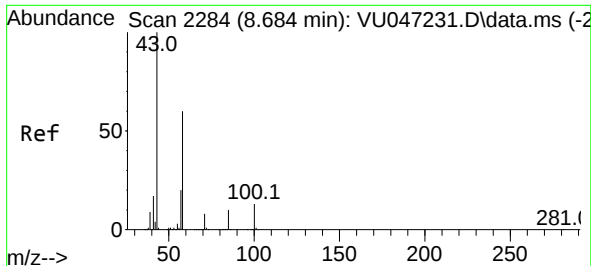
Tgt Ion:	97	Resp:	128128
Ion	Ratio	Lower	Upper
97	100		
99	62.2	42.4	78.8
83	86.0	59.4	110.4
85	55.7	38.6	71.8



#46
Tetrachloroethene
Concen: 49.655 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047263.D
Acq: 25 Feb 2022 09:27

Tgt Ion:	164	Resp:	105754
Ion	Ratio	Lower	Upper
164	100		
129	91.9	69.5	129.1
131	88.2	67.0	124.4
166	126.1	90.6	168.2

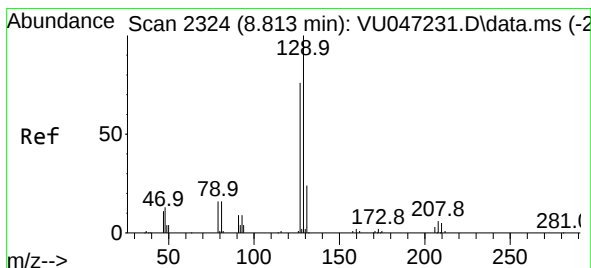
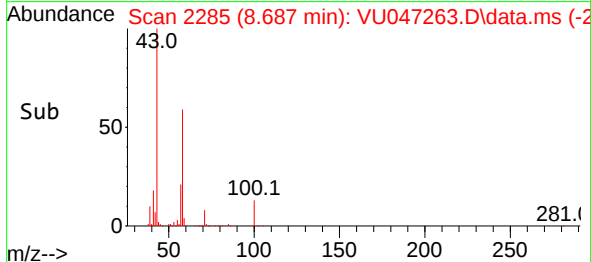
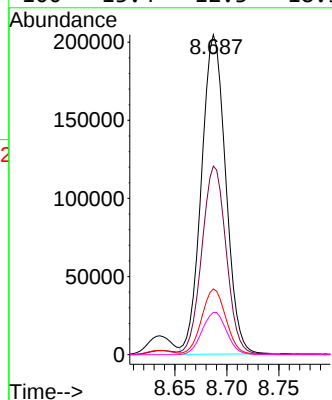
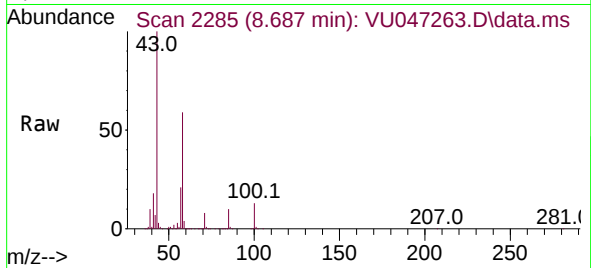




#48
2-Hexanone
Concen: 92.715 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047263.D
Acq: 25 Feb 2022 09:27

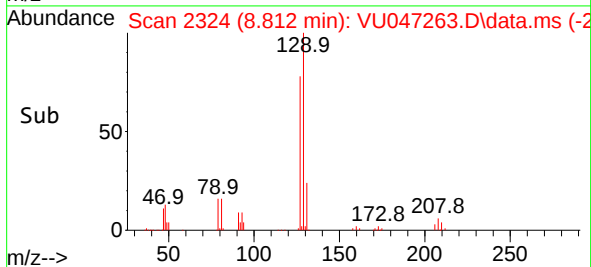
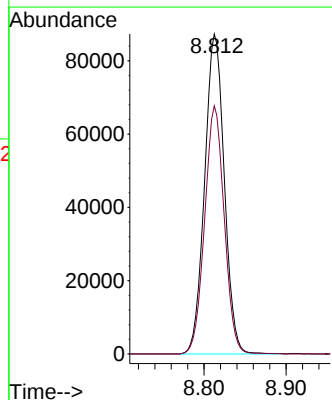
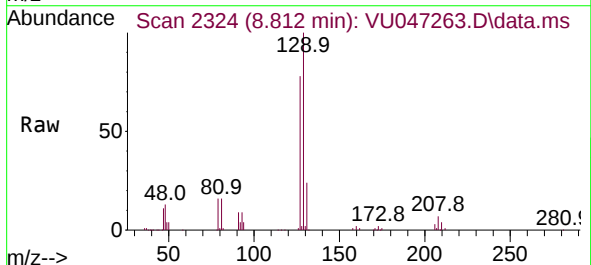
Instrument :
MSVOA_U
ClientSampleId :
VSTD050172

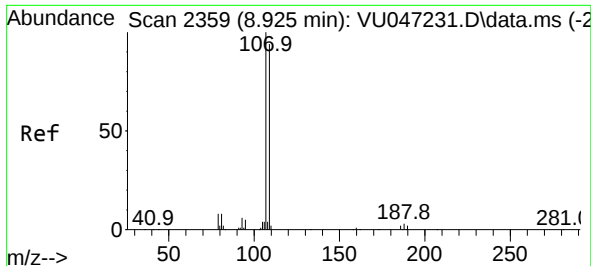
Tgt Ion: 43 Resp: 331484
Ion Ratio Lower Upper
43 100
58 59.4 49.4 74.2
57 20.7 17.5 26.3
100 13.4 12.3 18.5



#49
Dibromochloromethane
Concen: 48.955 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047263.D
Acq: 25 Feb 2022 09:27

Tgt Ion: 129 Resp: 145639
Ion Ratio Lower Upper
129 100
127 77.6 54.5 101.3





#50

1,2-Dibromoethane

Concen: 50.564 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047263.D

Acq: 25 Feb 2022 09:27

Instrument :

MSVOA_U

ClientSampleId :

VSTD050172

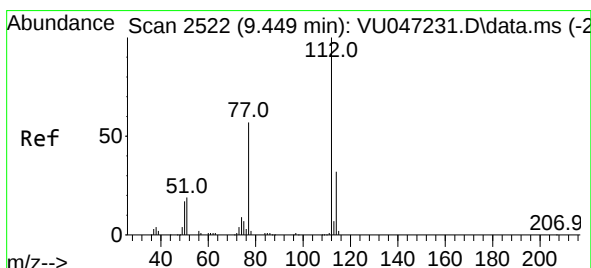
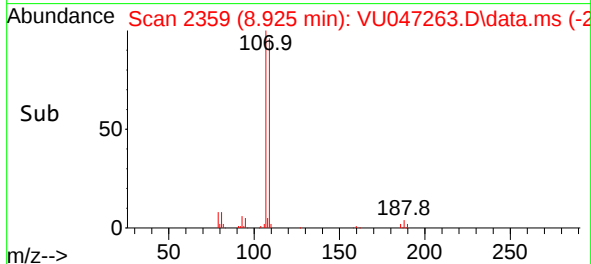
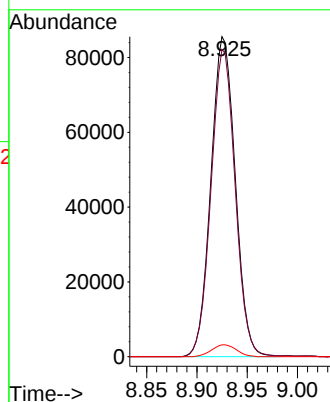
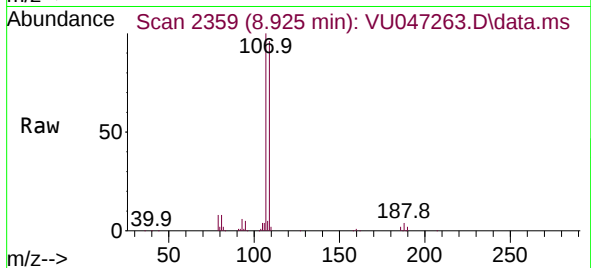
Tgt Ion:107 Resp: 144425

Ion Ratio Lower Upper

107 100

109 96.0 65.6 121.8

188 3.7 3.1 4.7



#51

Chlorobenzene

Concen: 48.753 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047263.D

Acq: 25 Feb 2022 09:27

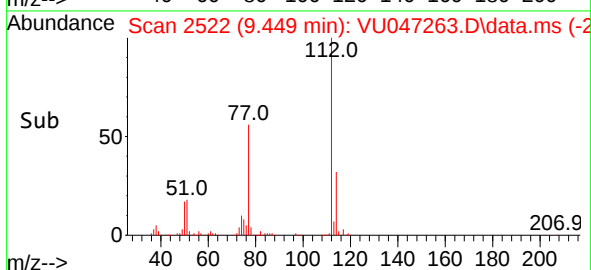
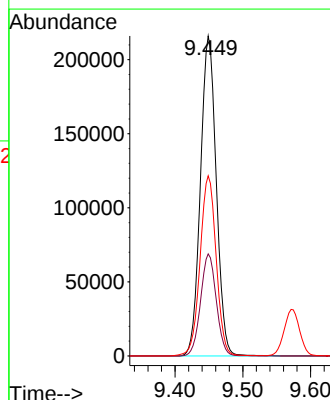
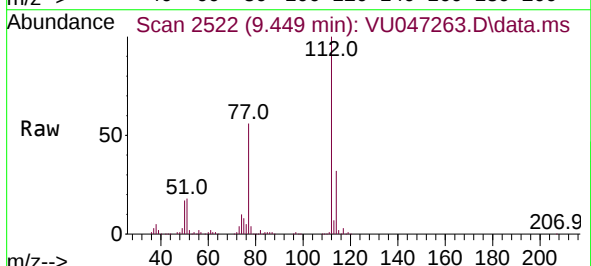
Tgt Ion:112 Resp: 349949

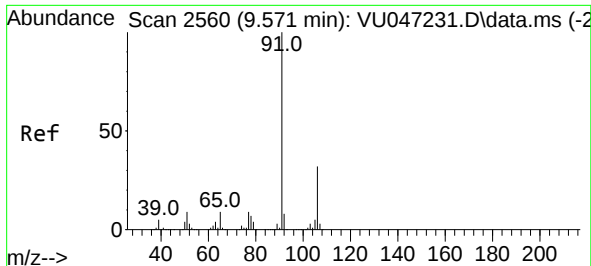
Ion Ratio Lower Upper

112 100

114 31.9 22.1 41.1

77 56.3 46.5 69.7

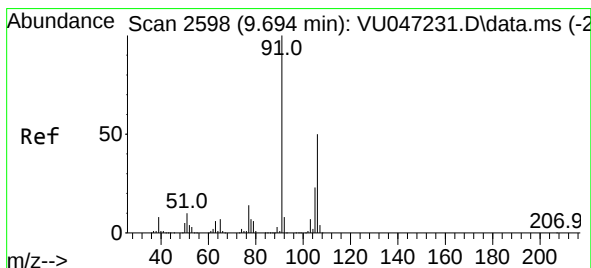
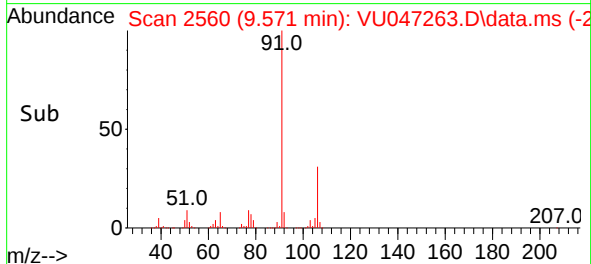
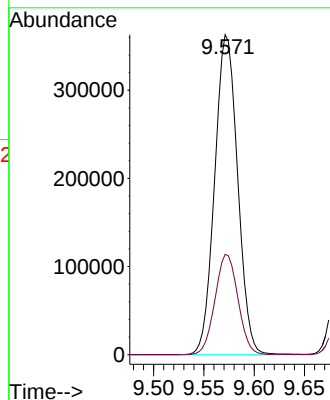
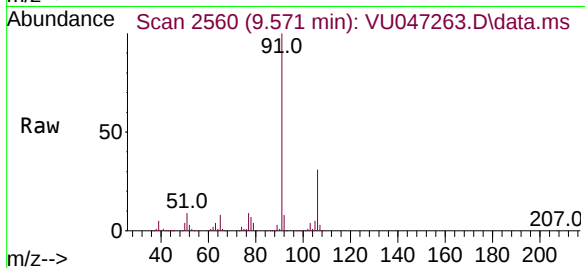




#52
Ethylbenzene
Concen: 47.035 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU047263.D
Acq: 25 Feb 2022 09:27

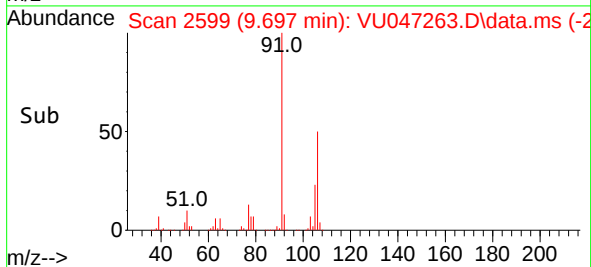
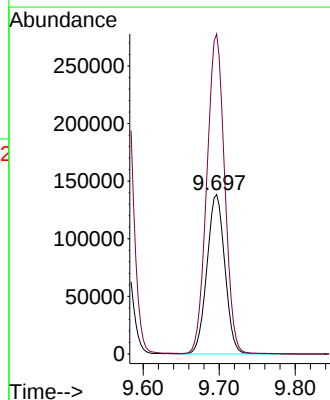
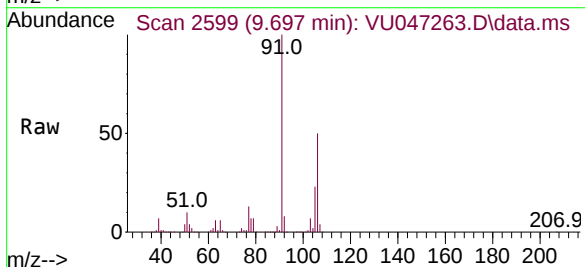
Instrument :
MSVOA_U
ClientSampleId :
VSTD050172

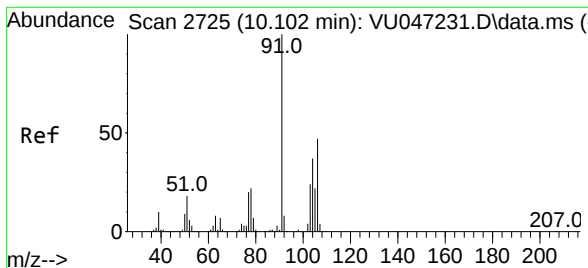
Tgt Ion: 91 Resp: 576269
Ion Ratio Lower Upper
91 100
106 31.4 21.8 40.4



#53
m,p-Xylene
Concen: 46.558 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047263.D
Acq: 25 Feb 2022 09:27

Tgt Ion: 106 Resp: 226321
Ion Ratio Lower Upper
106 100
91 200.8 145.5 270.1





#54

o-xylene

Concen: 46.351 ug/L

RT: 10.102 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047263.D

Acq: 25 Feb 2022 09:27

Instrument :

MSVOA_U

ClientSampleId :

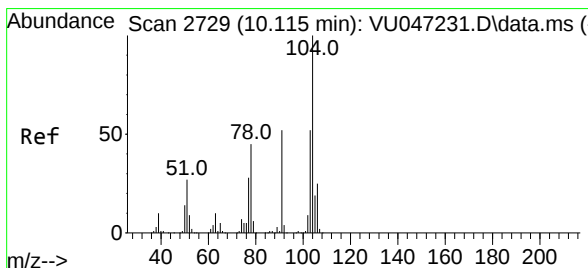
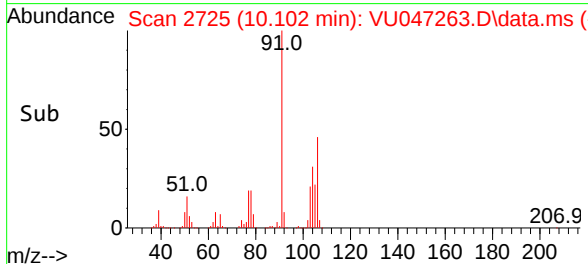
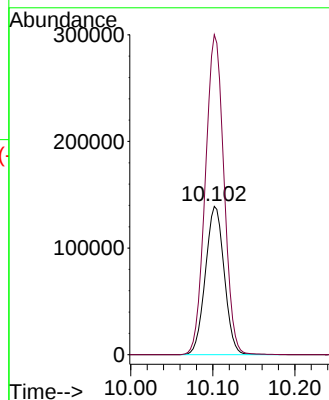
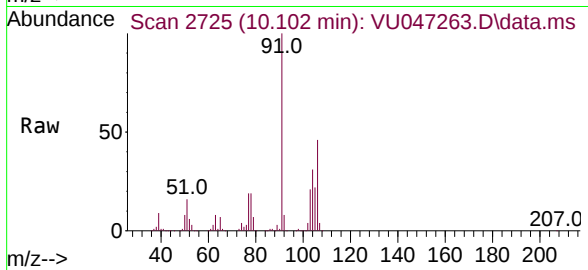
VSTD050172

Tgt Ion:106 Resp: 221845

Ion Ratio Lower Upper

106 100

91 215.7 152.0 282.2



#55

Styrene

Concen: 46.596 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.003 min

Lab File: VU047263.D

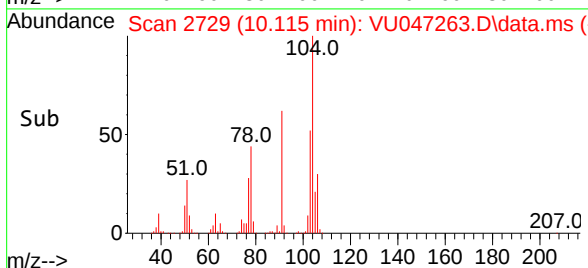
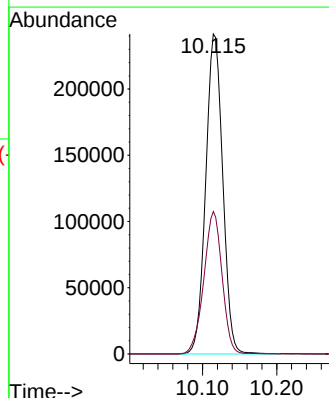
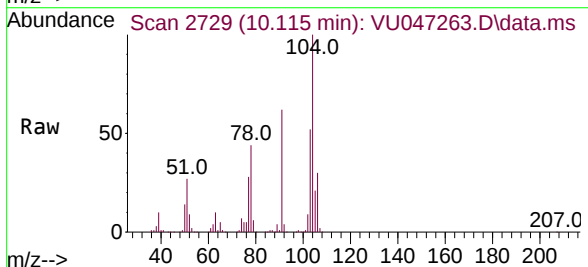
Acq: 25 Feb 2022 09:27

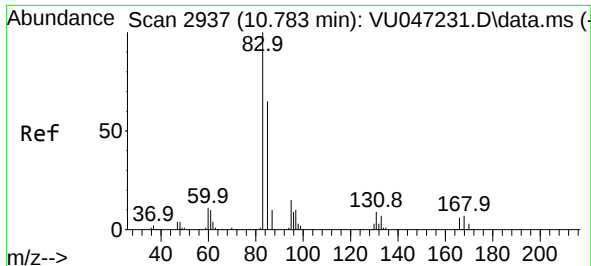
Tgt Ion:104 Resp: 383733

Ion Ratio Lower Upper

104 100

78 44.5 32.6 60.6

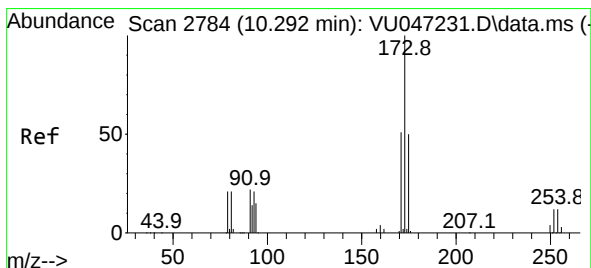
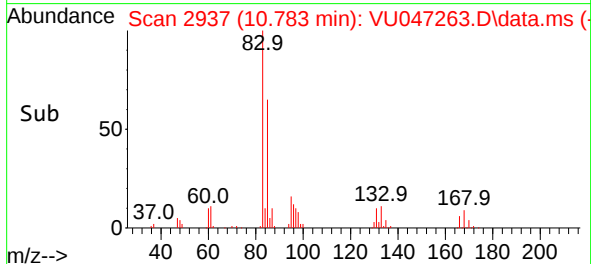
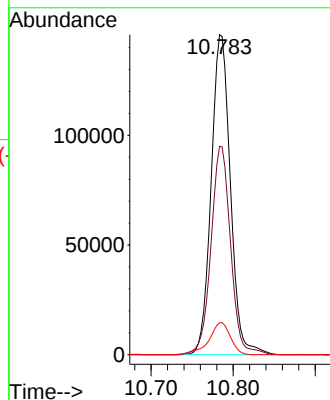
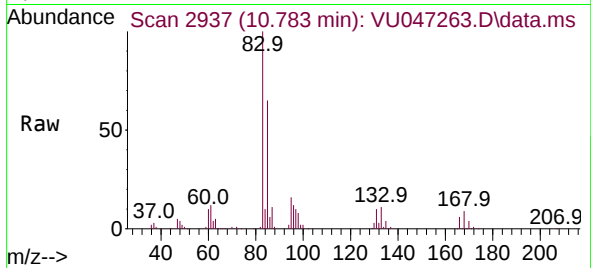




#57
1,1,2,2-Tetrachloroethane
Concen: 52.413 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047263.D
Acq: 25 Feb 2022 09:27

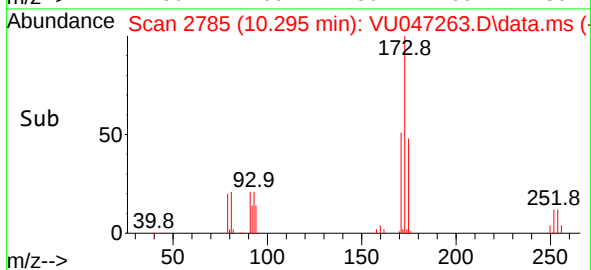
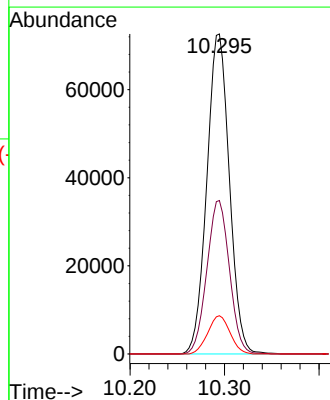
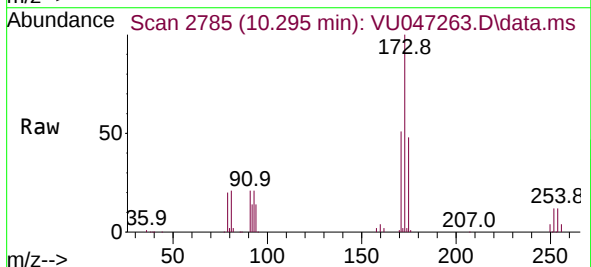
Instrument :
MSVOA_U
ClientSampleId :
VSTD050172

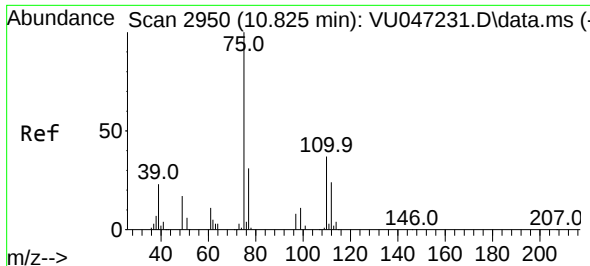
Tgt Ion: 83 Resp: 237591
Ion Ratio Lower Upper
83 100
85 65.1 44.7 83.1
131 10.0 7.8 11.6



#59
Bromoform
Concen: 45.410 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.003 min
Lab File: VU047263.D
Acq: 25 Feb 2022 09:27

Tgt Ion: 173 Resp: 120403
Ion Ratio Lower Upper
173 100
175 48.0 37.6 56.4
254 11.8 8.1 12.1

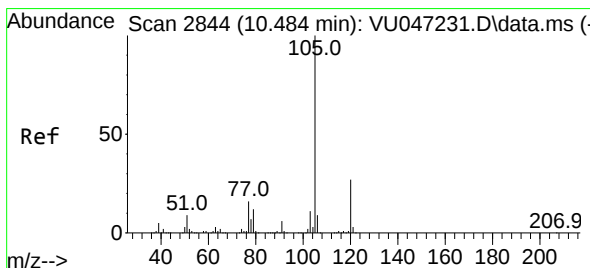
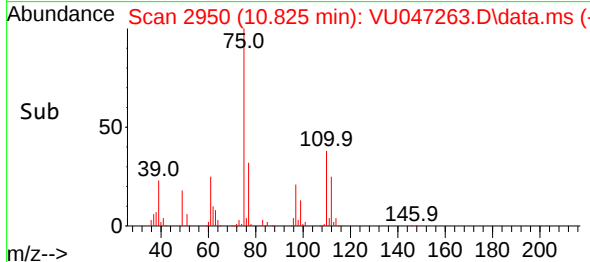
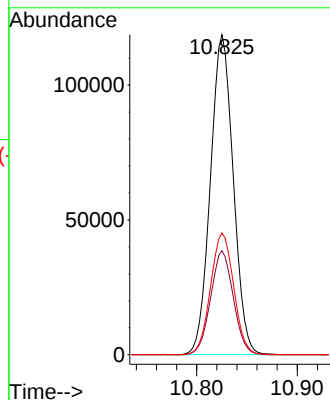
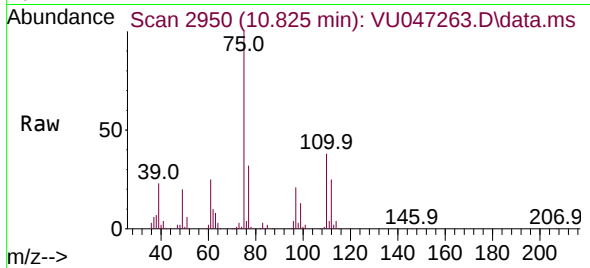




#60
1,2,3-Trichloropropane
Concen: 45.010 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU047263.D
Acq: 25 Feb 2022 09:27

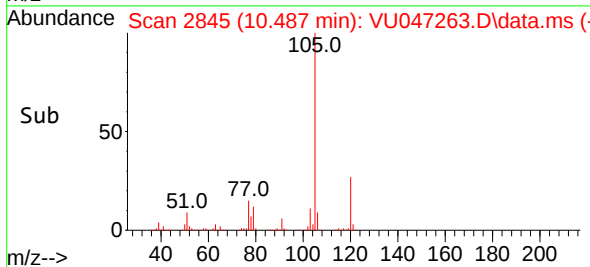
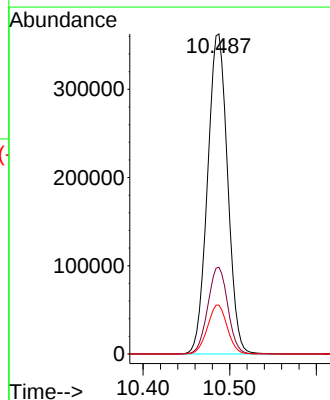
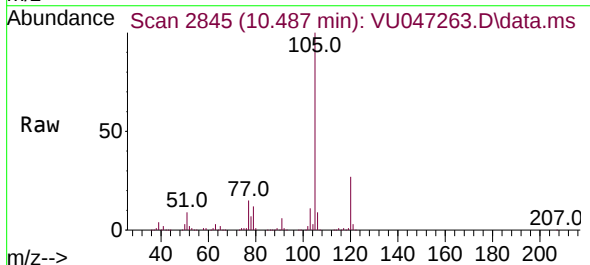
Instrument :
MSVOA_U
ClientSampleId :
VSTD050172

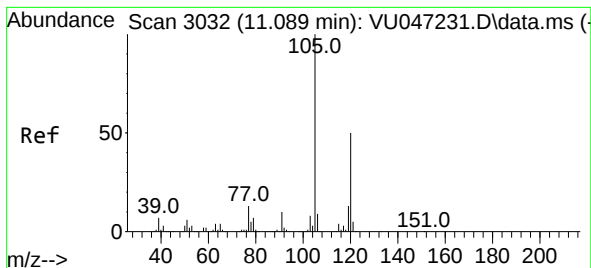
Tgt Ion: 75 Resp: 187394
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2
110 38.5 32.5 48.7



#61
Isopropylbenzene
Concen: 42.459 ug/L
RT: 10.487 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU047263.D
Acq: 25 Feb 2022 09:27

Tgt Ion: 105 Resp: 582938
Ion Ratio Lower Upper
105 100
120 27.1 20.6 31.0
77 15.1 12.6 18.8





#62

1,3,5-Trimethylbenzene

Concen: 42.014 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU047263.D

Acq: 25 Feb 2022 09:27

Instrument :

MSVOA_U

ClientSampleId :

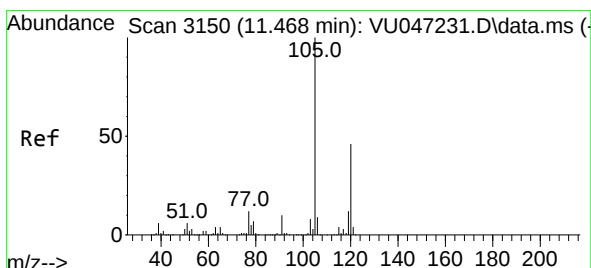
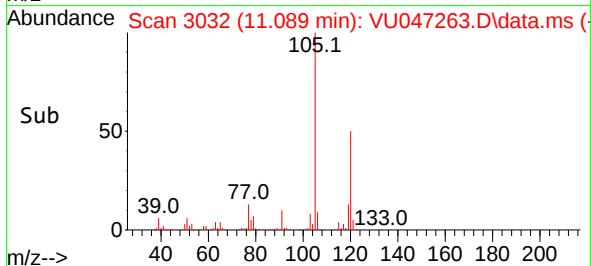
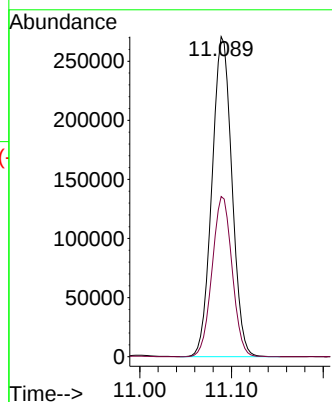
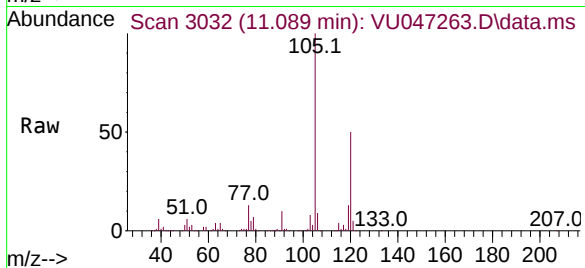
VSTD050172

Tgt Ion:105 Resp: 408810

Ion Ratio Lower Upper

105 100

120 50.1 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 42.922 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU047263.D

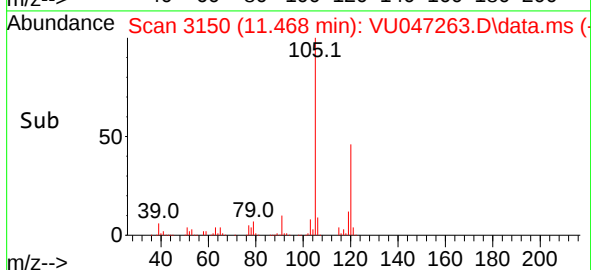
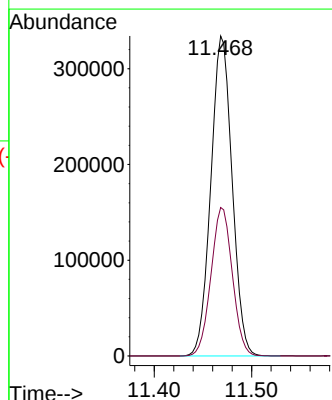
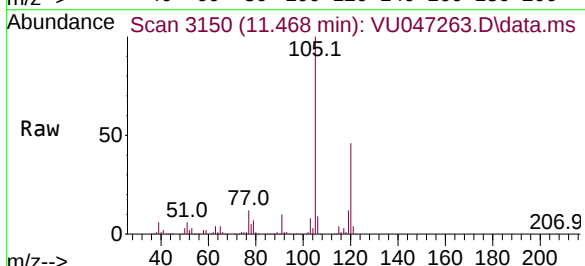
Acq: 25 Feb 2022 09:27

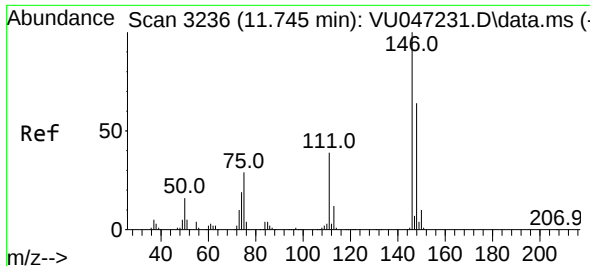
Tgt Ion:105 Resp: 507060

Ion Ratio Lower Upper

105 100

120 46.5 35.4 53.2

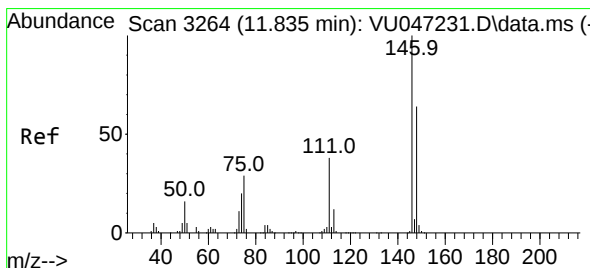
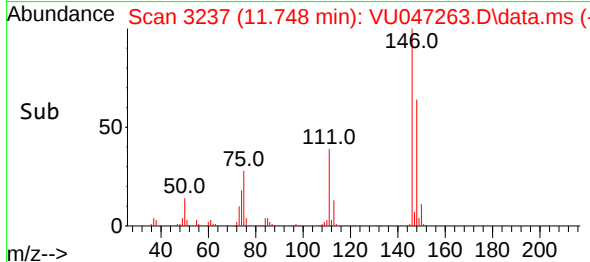
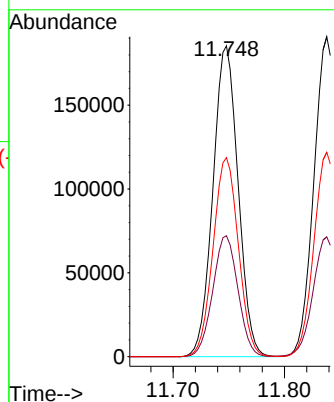
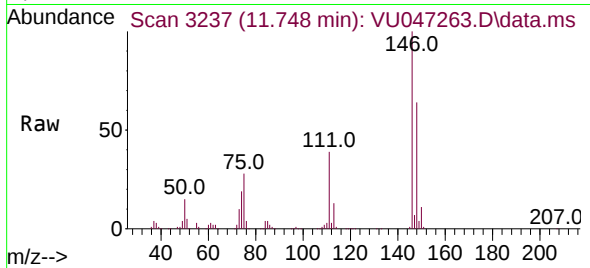




#64
1,3-Dichlorobenzene
Concen: 45.444 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047263.D
Acq: 25 Feb 2022 09:27

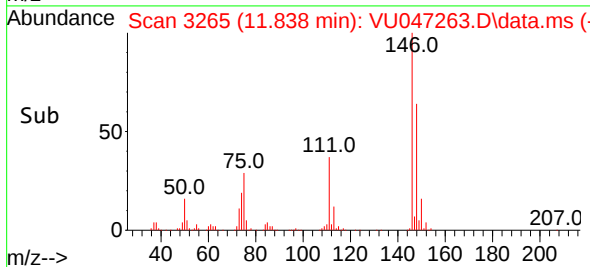
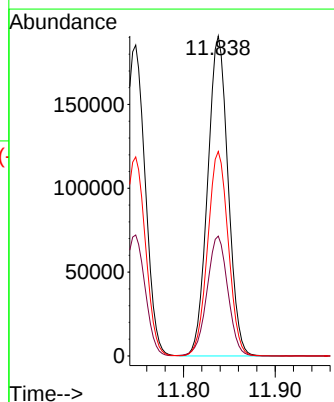
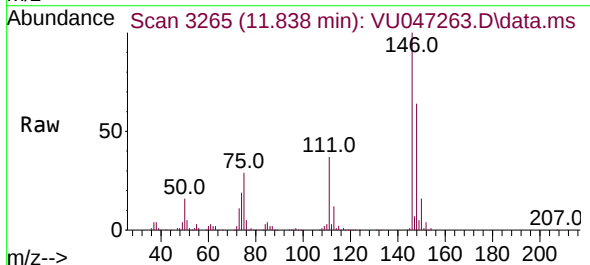
Instrument :
MSVOA_U
ClientSampleId :
VSTD050172

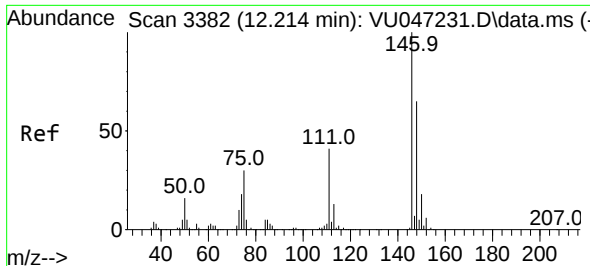
Tgt Ion:146 Resp: 291124
Ion Ratio Lower Upper
146 100
111 38.9 29.4 54.6
148 64.0 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 45.822 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047263.D
Acq: 25 Feb 2022 09:27

Tgt Ion:146 Resp: 295084
Ion Ratio Lower Upper
146 100
111 37.4 28.9 53.7
148 63.9 44.5 82.7

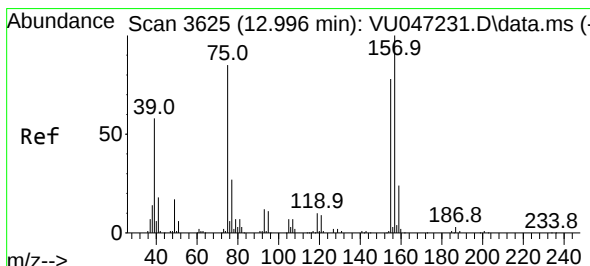
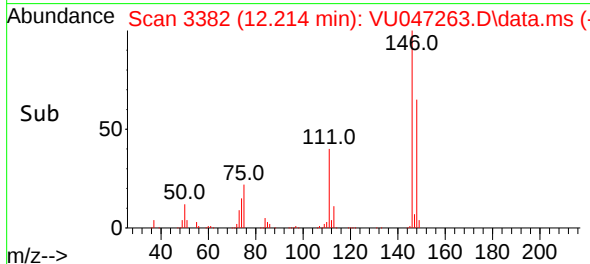
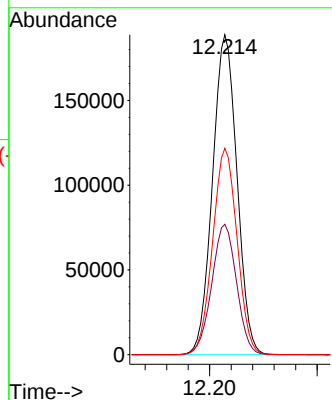
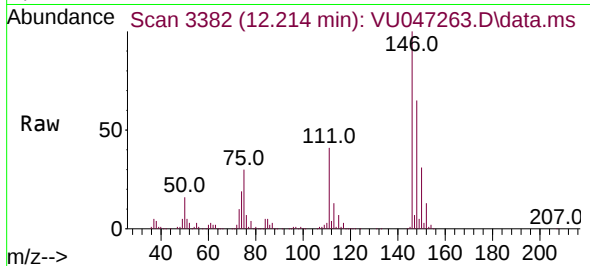




#67
1,2-Dichlorobenzene
Concen: 46.748 ug/L
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU047263.D
Acq: 25 Feb 2022 09:27

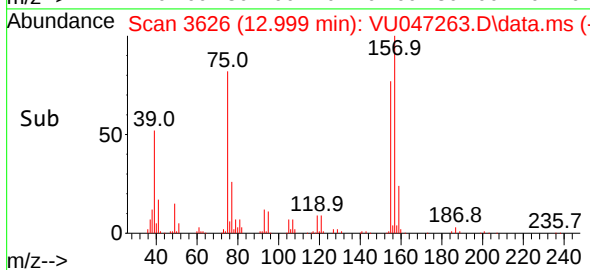
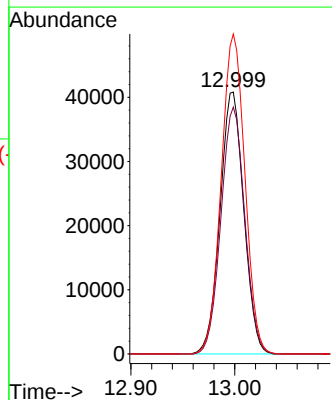
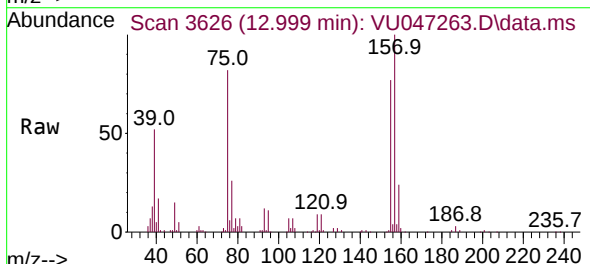
Instrument :
MSVOA_U
ClientSampleId :
VSTD050172

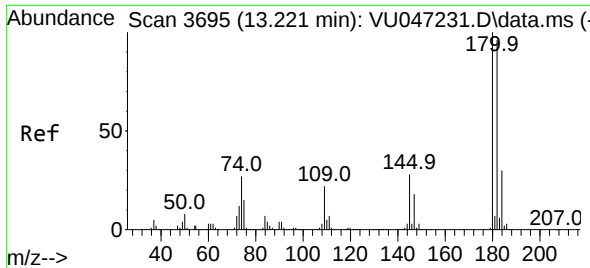
Tgt Ion:146 Resp: 298030
Ion Ratio Lower Upper
146 100
111 40.8 34.2 51.4
148 64.5 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 48.859 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU047263.D
Acq: 25 Feb 2022 09:27

Tgt Ion: 75 Resp: 64809
Ion Ratio Lower Upper
75 100
155 94.3 65.0 97.4
157 122.1 79.7 119.5#

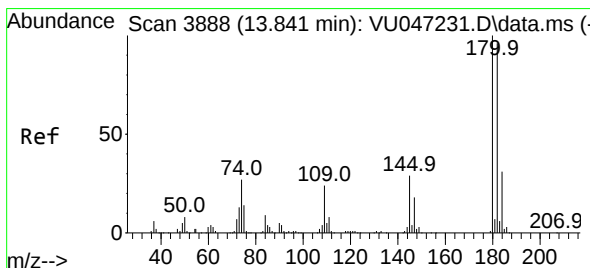
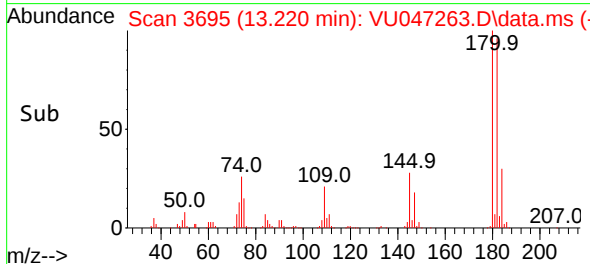
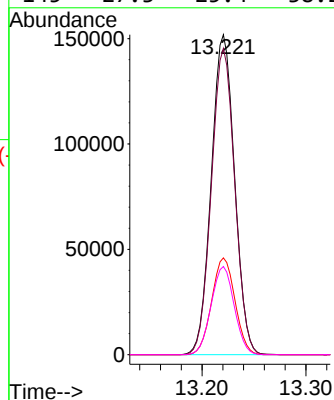
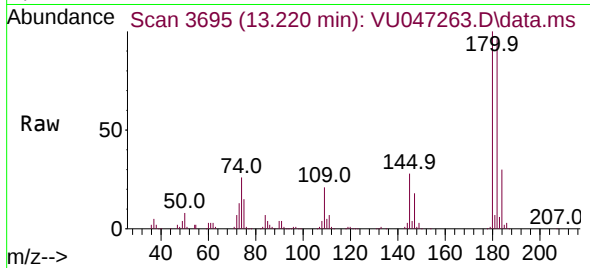




#69
 1,3,5-Trichlorobenzene
 Concen: 47.695 ug/L
 RT: 13.220 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU047263.D
 Acq: 25 Feb 2022 09:27

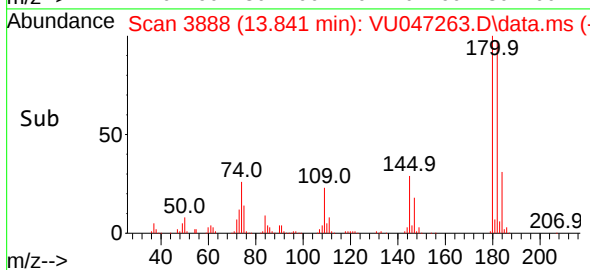
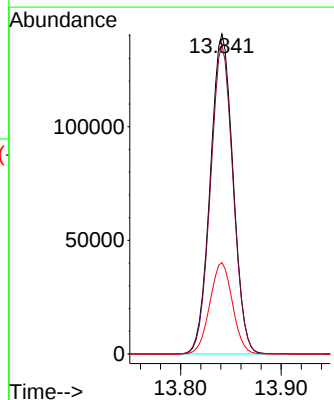
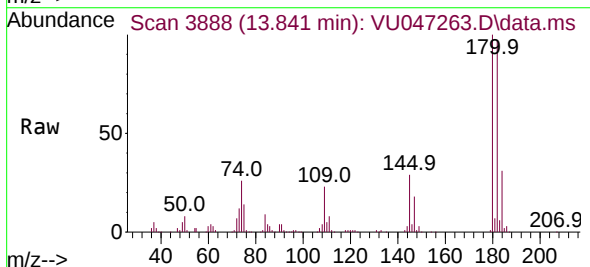
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050172

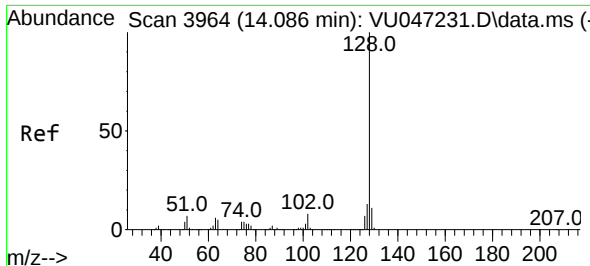
Tgt Ion:180	Resp:	236291
Ion Ratio	Lower	Upper
180	100	
182	95.8	77.0 115.6
184	30.4	24.7 37.1
145	27.3	25.4 38.2



#70
 1,2,4-trichlorobenzene
 Concen: 47.232 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047263.D
 Acq: 25 Feb 2022 09:27

Tgt Ion:180	Resp:	221815
Ion Ratio	Lower	Upper
180	100	
182	95.6	76.6 114.8
145	28.3	25.2 37.8

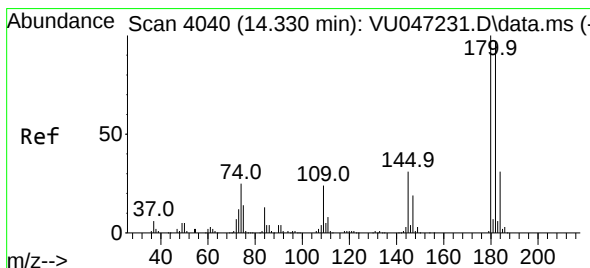
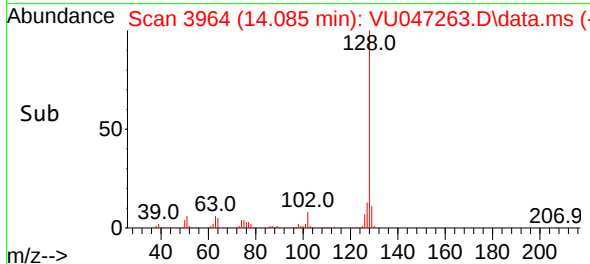
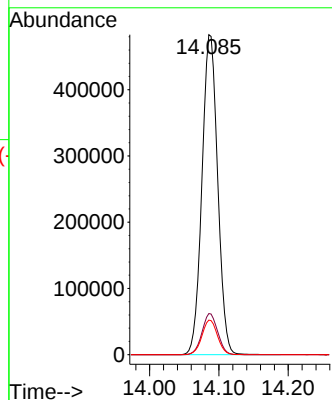
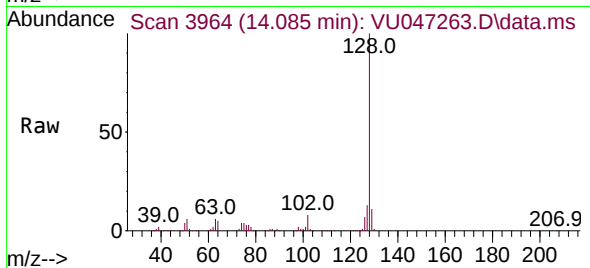




#71
Naphthalene
Concen: 45.657 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU047263.D
Acq: 25 Feb 2022 09:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD050172

Tgt Ion:128 Resp: 759100
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 47.500 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047263.D
Acq: 25 Feb 2022 09:27

Tgt Ion:180 Resp: 222114
Ion Ratio Lower Upper
180 100
182 95.5 76.6 115.0
145 29.6 27.4 41.2

