

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
 Data File : VU047305.D
 Acq On : 03 Mar 2022 09:36
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005081

Quant Time: Mar 04 01:43:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 02 23:54:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	137570	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	142655	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	90684	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	46581	4.009	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.919	69	37694	4.094	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.572	65	19913	4.144	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	4.655	46	148287	53.397	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.800%
24) Chloroform-d	5.070	84	86981	4.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.707	65	45557	4.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
32) Benzene-d6	5.732	84	169377	4.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.694	67	53069	4.184	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.600%
41) Toluene-d8	7.899	98	162297	4.162	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.182	79	24248	4.218	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.639	63	128554	42.465	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.940%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	54466	4.725	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	70244	4.317	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	57309	4.926	ug/L	99
3) Chloromethane	1.523	50	60902	4.827	ug/L	97
5) Vinyl chloride	1.607	62	61612	4.834	ug/L	99
6) Bromomethane	1.861	94	29348	3.917	ug/L	98
8) Chloroethane	1.938	64	37594	5.114	ug/L	99
9) Trichlorofluoromethane	2.144	101	85282	5.490	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	51578	5.504	ug/L	92
12) 1,1-Dichloroethene	2.588	96	48197	5.324	ug/L #	72
13) Acetone	2.678	43	96836	69.652	ug/L	82
14) Carbon disulfide	2.800	76	136374	4.516	ug/L	100
15) Methyl Acetate	2.970	43	24713	5.743	ug/L	99
16) Methylene chloride	3.051	84	57258	5.677	ug/L	90
17) Methyl tert-butyl Ether	3.369	73	135244	5.467	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	51380	5.252	ug/L	93
19) 1,1-Dichloroethane	3.877	63	91048	5.324	ug/L	99
21) 2-Butanone	4.736	43	175885	67.365	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	59116	5.552	ug/L	95
23) Bromochloromethane	4.980	128	28776	5.765	ug/L	86
25) Chloroform	5.092	83	98702	5.512	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
 Data File : VU047305.D
 Acq On : 03 Mar 2022 09:36
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005081

Quant Time: Mar 04 01:43:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 02 23:54:47 2022
 Response via : Initial Calibration

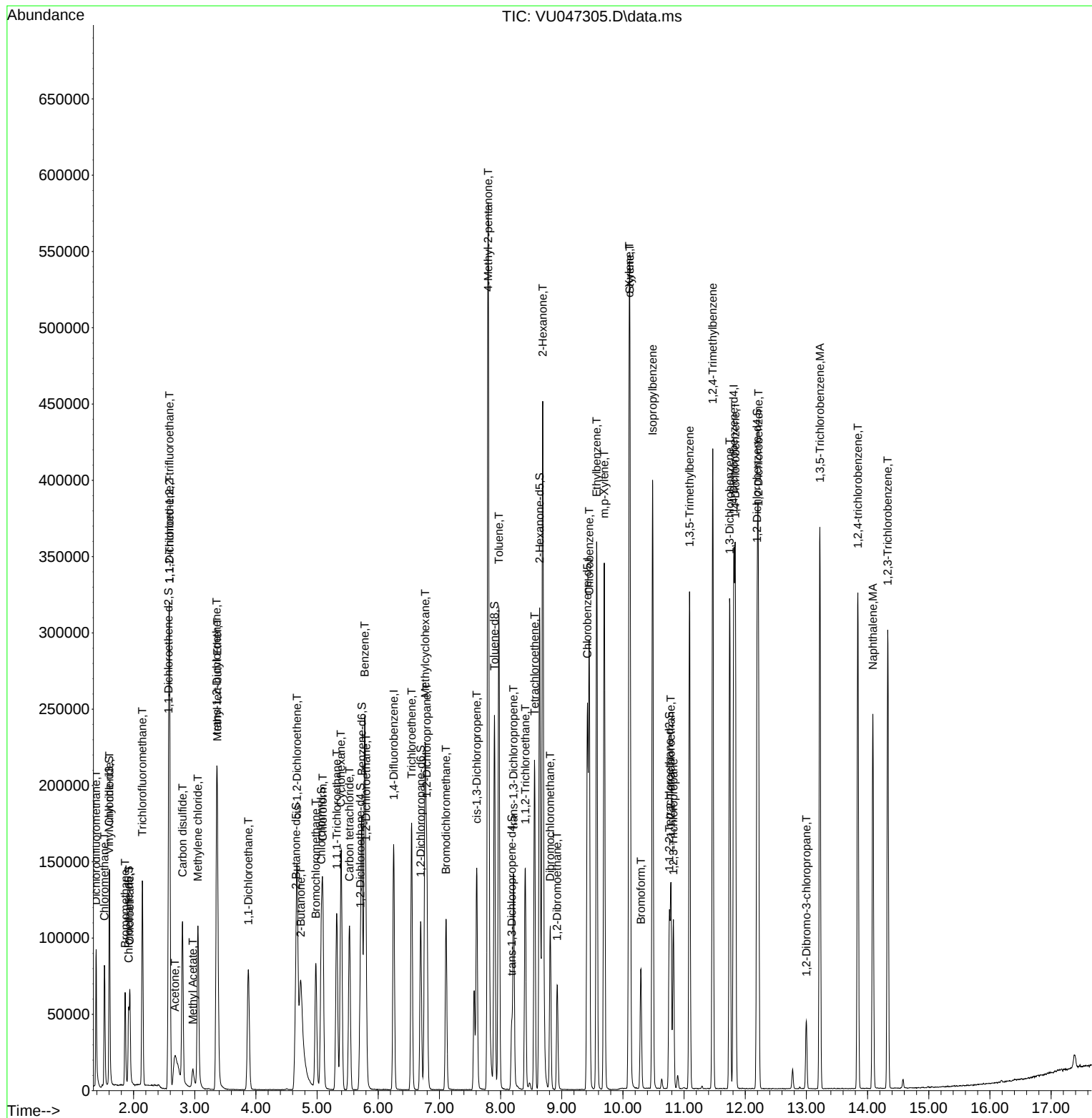
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	64539	5.391	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	84371	5.462	ug/L	98
30) Cyclohexane	5.391	56	78764	4.672	ug/L	95
31) Carbon tetrachloride	5.530	117	73789	5.486	ug/L	100
33) Benzene	5.777	78	214639	5.295	ug/L	100
34) Trichloroethene	6.546	95	57578	5.325	ug/L	92
35) Methylcyclohexane	6.768	83	92054	5.045	ug/L	95
37) 1,2-Dichloropropane	6.793	63	55458	5.293	ug/L	100
38) Bromodichloromethane	7.108	83	73449	5.487	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	85189	5.228	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	397296	53.140	ug/L	97
42) Toluene	7.973	91	237670	5.267	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	77999	5.314	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	46946	5.770	ug/L	98
47) Tetrachloroethene	8.555	164	50183	5.719	ug/L	90
48) 2-Hexanone	8.690	43	295466	53.154	ug/L	99
49) Dibromochloromethane	8.813	129	56582	5.773	ug/L	97
50) 1,2-Dibromoethane	8.925	107	47265	5.760	ug/L #	97
51) Chlorobenzene	9.449	112	158739	5.450	ug/L	97
52) Ethylbenzene	9.571	91	258179	5.221	ug/L	98
53) m,p-Xylene	9.697	106	102345	5.272	ug/L	99
54) o-Xylene	10.102	106	98346	5.202	ug/L	99
55) Styrene	10.115	104	170600	5.394	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.784	83	63222	5.871	ug/L	98
59) Bromoform	10.295	173	36366	5.507	ug/L #	96
60) Isopropylbenzene	10.484	105	261947	4.923	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	44690	5.161	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	175744	4.947	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	229870	5.026	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	137448	5.357	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	138352	5.329	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	132226	5.410	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	10765	5.381	ug/L #	77
69) 1,3,5-Trichlorobenzene	13.221	180	119930	5.657	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	106770	5.410	ug/L	98
71) Naphthalene	14.086	128	199089	4.888	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	97665	5.261	ug/L	97

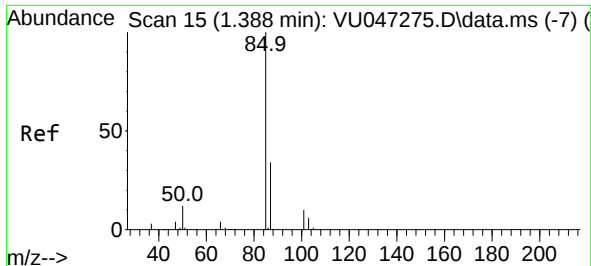
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
 Data File : VU047305.D
 Acq On : 03 Mar 2022 09:36
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005081

Quant Time: Mar 04 01:43:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 02 23:54:47 2022
 Response via : Initial Calibration

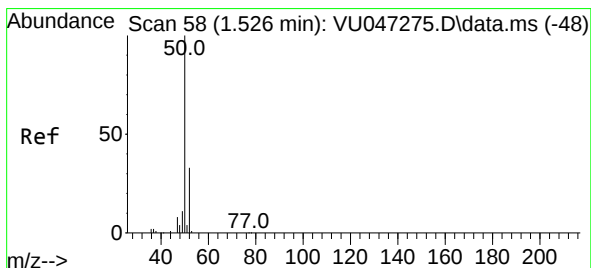
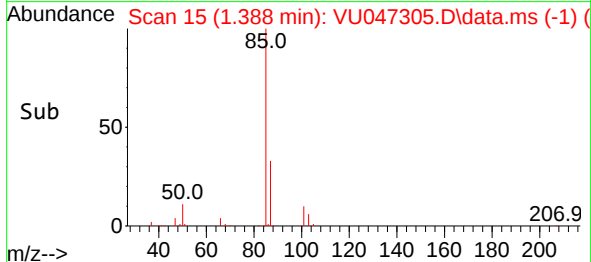
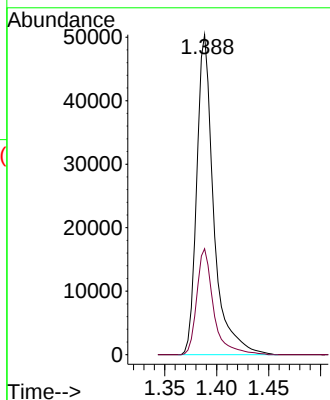
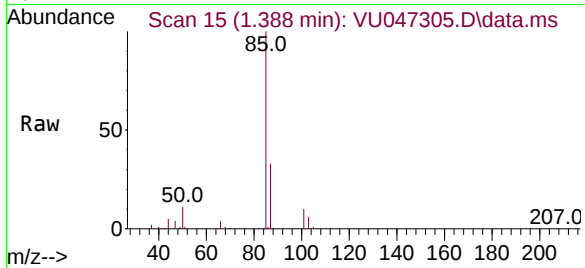




#2
Dichlorodifluoromethane
Concen: 4.926 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

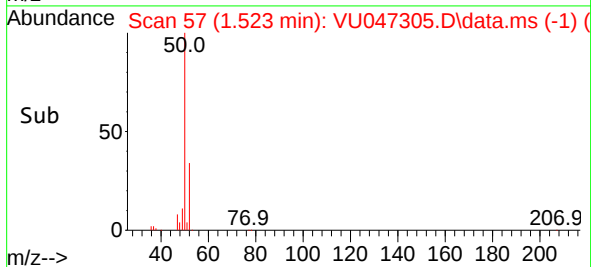
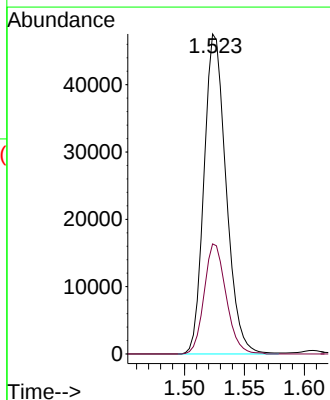
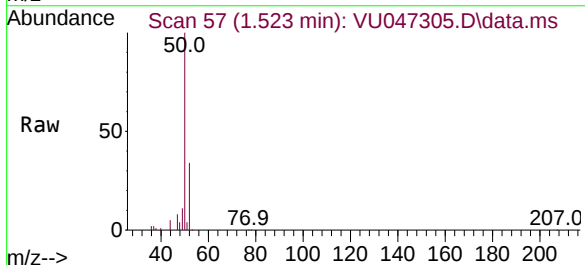
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

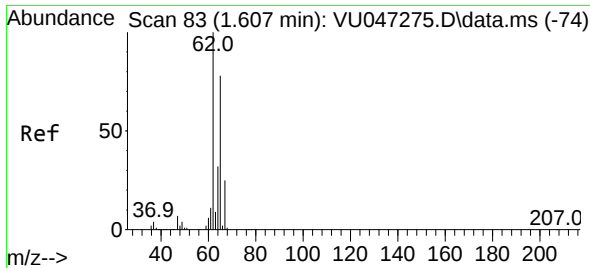
Tgt Ion: 85 Resp: 57309
Ion Ratio Lower Upper
85 100
87 32.9 25.8 38.6



#3
Chloromethane
Concen: 4.827 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

Tgt Ion: 50 Resp: 60902
Ion Ratio Lower Upper
50 100
52 34.4 23.0 42.8

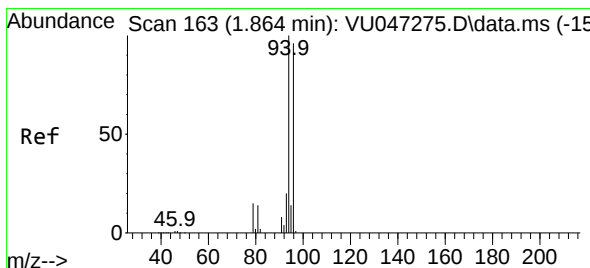
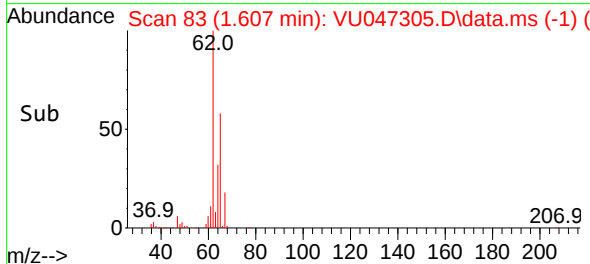
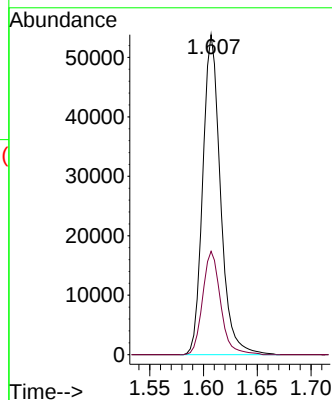
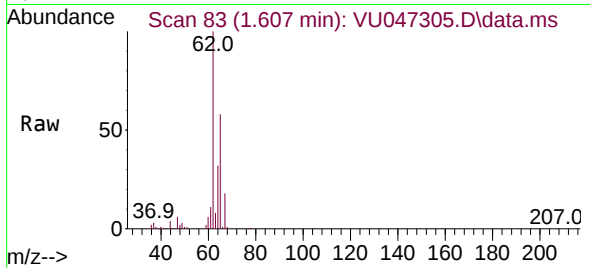




#5
 Vinyl chloride
 Concen: 4.834 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047305.D
 Acq: 03 Mar 2022 09:36

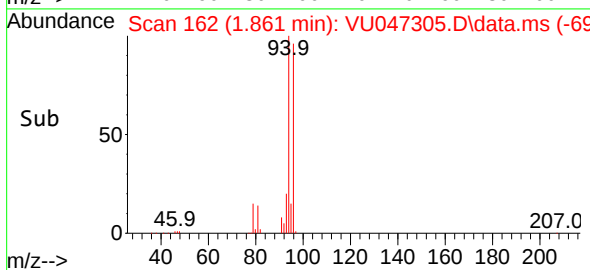
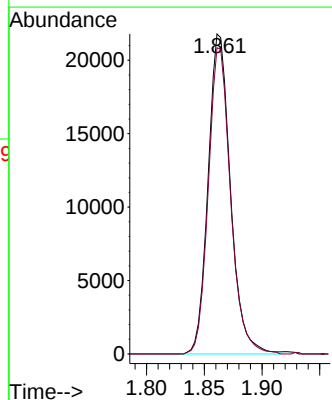
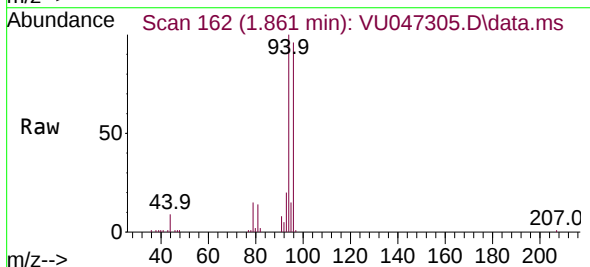
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005081

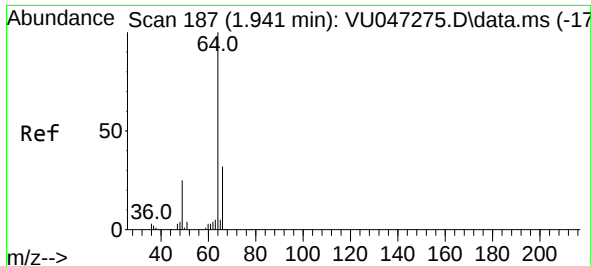
Tgt Ion: 62 Resp: 61612
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.9 42.5



#6
 Bromomethane
 Concen: 3.917 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU047305.D
 Acq: 03 Mar 2022 09:36

Tgt Ion: 94 Resp: 29348
 Ion Ratio Lower Upper
 94 100
 96 95.7 65.5 121.6

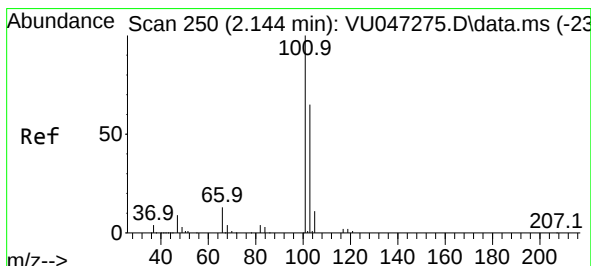
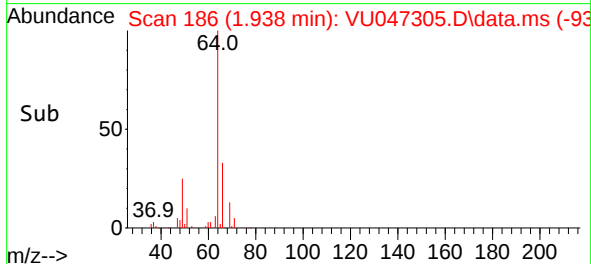
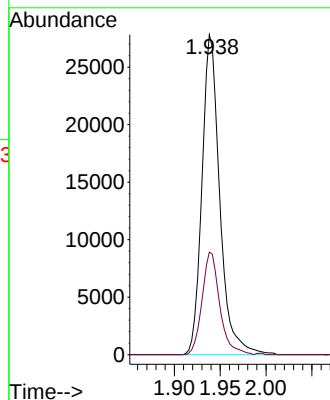
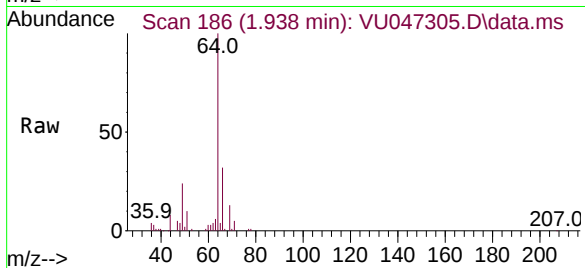




#8
Chloroethane
Concen: 5.114 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

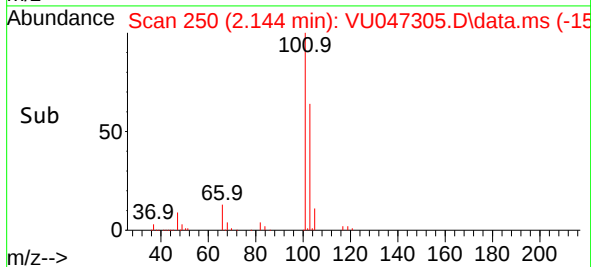
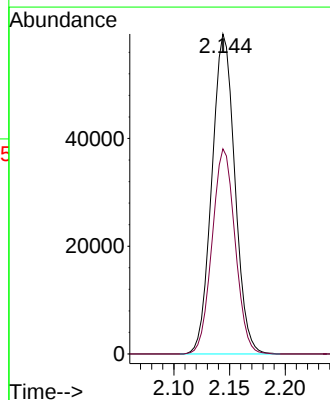
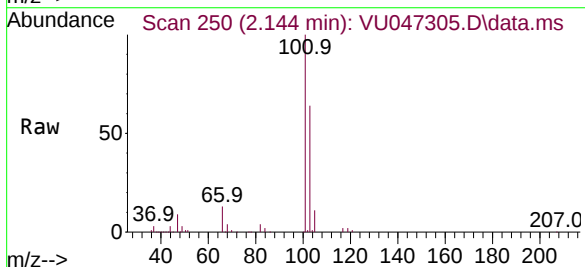
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

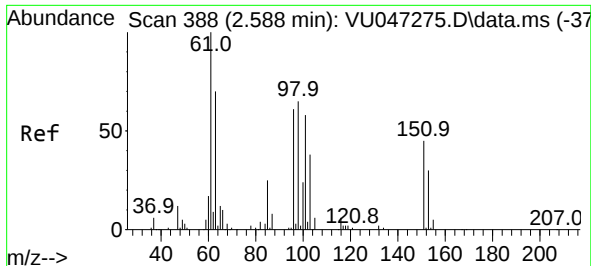
Tgt Ion: 64 Resp: 37594
Ion Ratio Lower Upper
64 100
66 32.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.490 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

Tgt Ion: 101 Resp: 85282
Ion Ratio Lower Upper
101 100
103 64.1 51.5 77.3





#10

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

Concen: 5.504 ug/L

RT: 2.588 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU047305.D

Acq: 03 Mar 2022 09:36

Instrument :

MSVOA_U

ClientSampleId :

VSTD005081

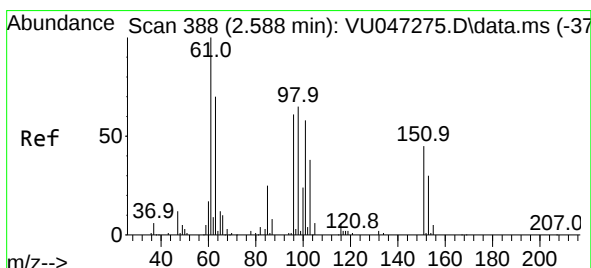
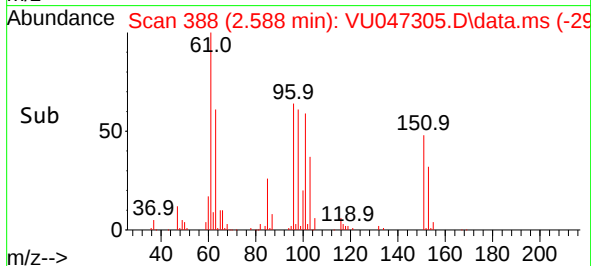
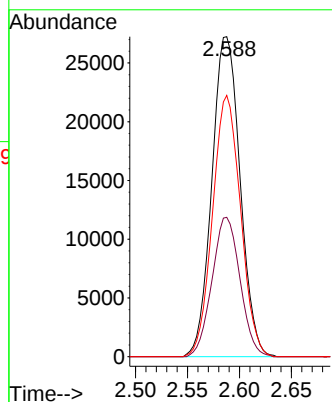
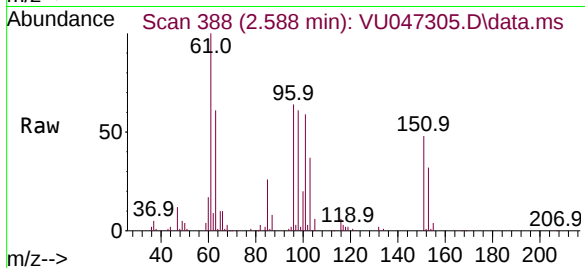
Tgt Ion:101 Resp: 51578

Ion Ratio Lower Upper

101 100

85 43.1 34.6 51.8

151 80.7 56.1 84.1



#12

1,1-Dichloroethene

Concen: 5.324 ug/L

RT: 2.588 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU047305.D

Acq: 03 Mar 2022 09:36

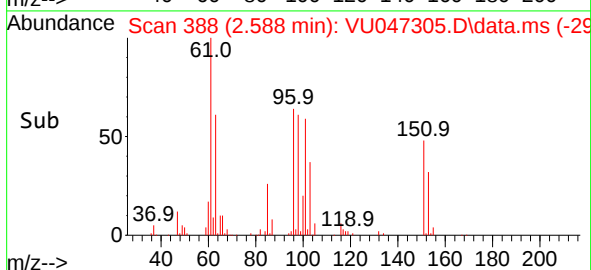
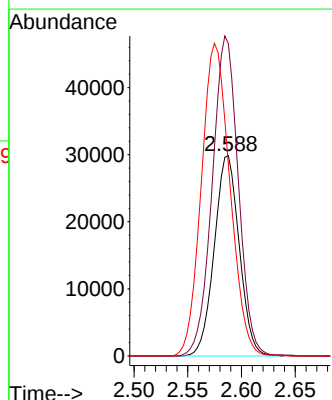
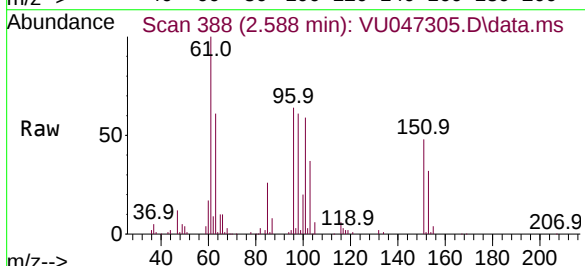
Tgt Ion: 96 Resp: 48197

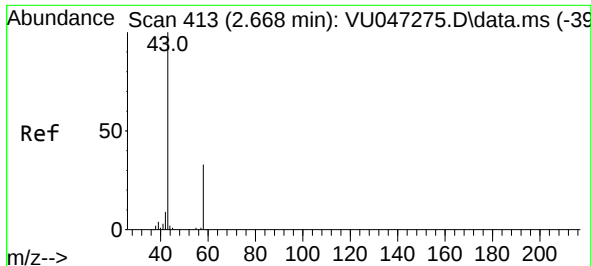
Ion Ratio Lower Upper

96 100

61 155.9 124.7 231.5

63 95.6 105.2 195.4#





#13

Acetone

Concen: 69.652 ug/L

RT: 2.678 min Scan# 413

Delta R.T. 0.016 min

Lab File: VU047305.D

Acq: 03 Mar 2022 09:36

Instrument :

MSVOA_U

ClientSampleId :

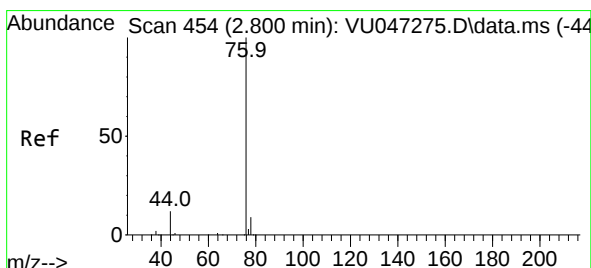
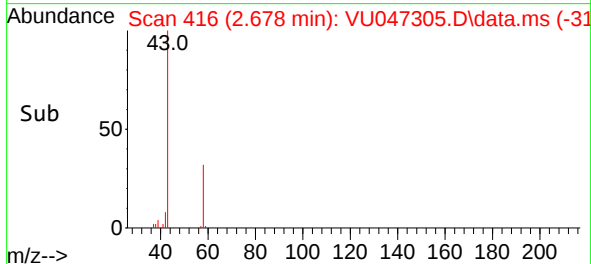
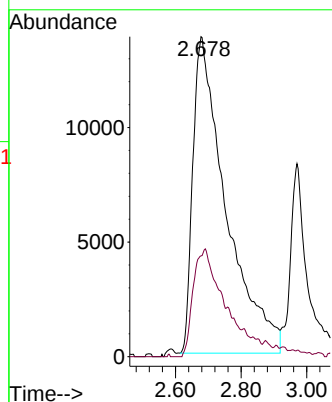
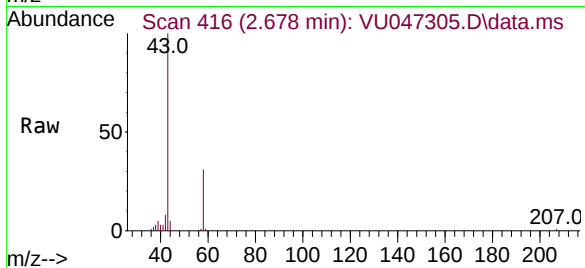
VSTD005081

Tgt Ion: 43 Resp: 96836

Ion Ratio Lower Upper

43 100

58 25.2 0.0 71.6



#14

Carbon disulfide

Concen: 4.516 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU047305.D

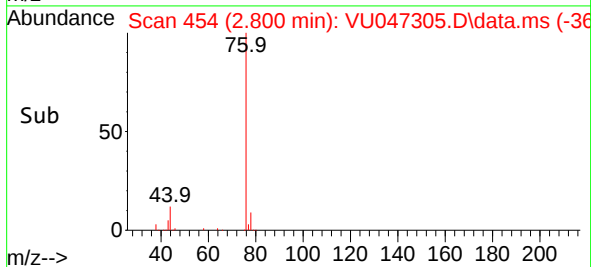
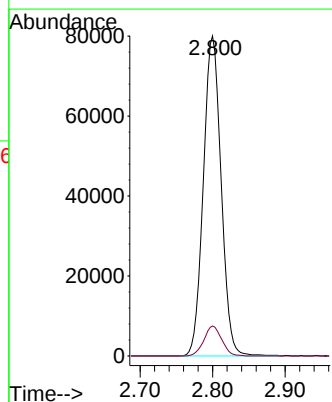
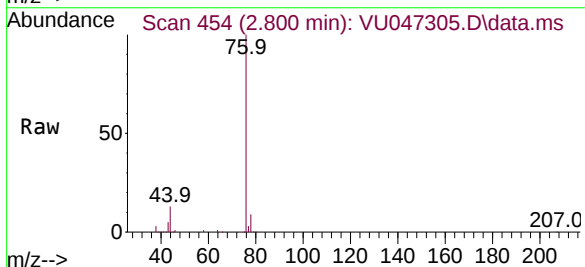
Acq: 03 Mar 2022 09:36

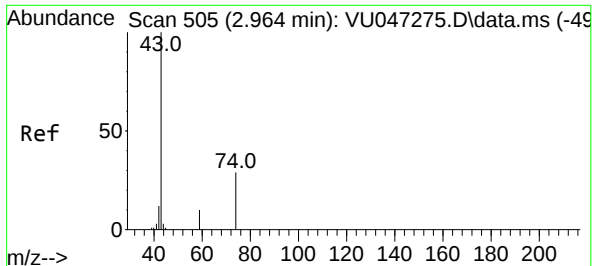
Tgt Ion: 76 Resp: 136374

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

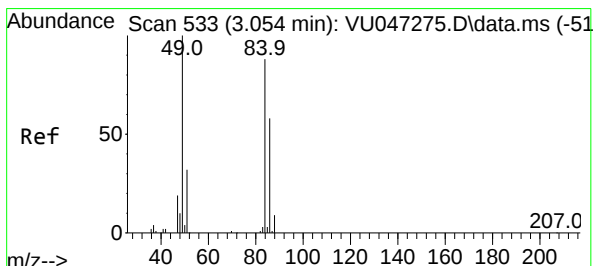
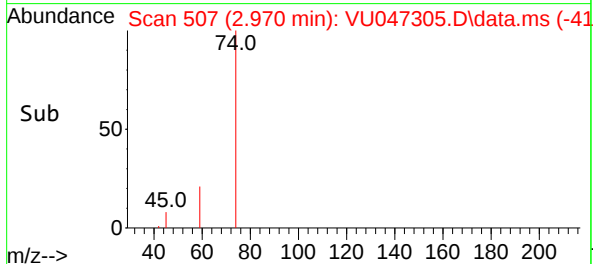
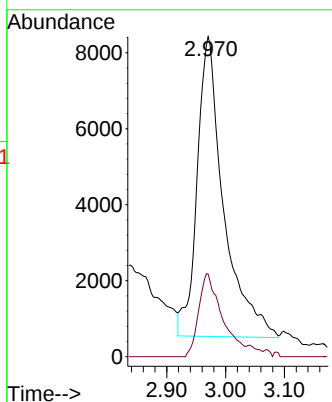
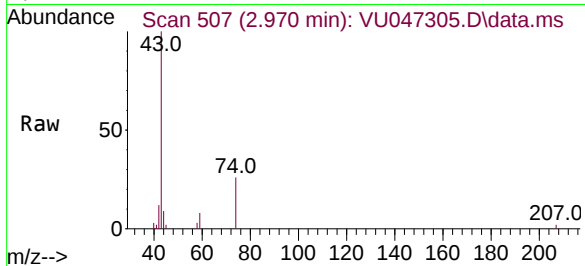




#15
Methyl Acetate
Concen: 5.743 ug/L
RT: 2.970 min Scan# 505
Delta R.T. 0.006 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

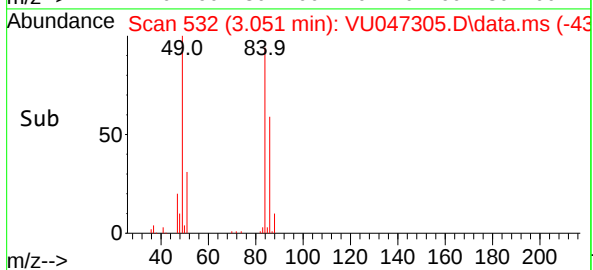
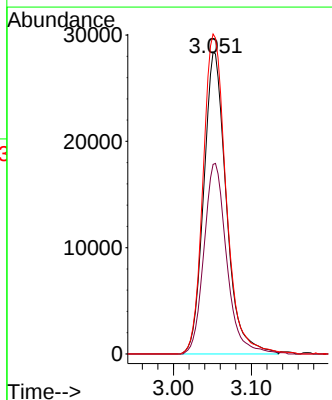
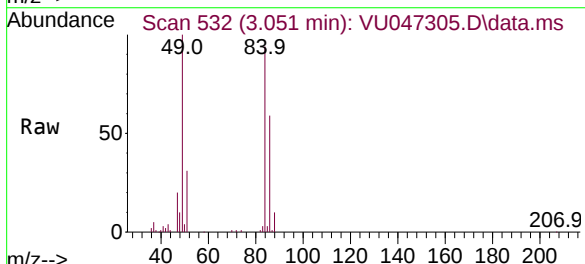
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

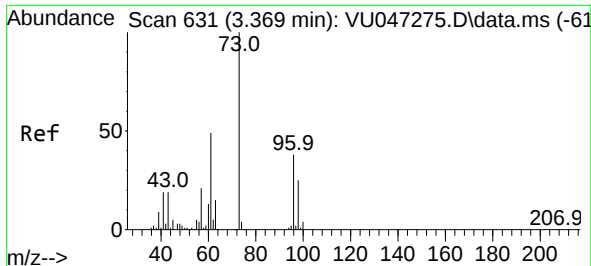
Tgt Ion: 43 Resp: 24713
Ion Ratio Lower Upper
43 100
74 24.4 19.1 28.7



#16
Methylene chloride
Concen: 5.677 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

Tgt Ion: 84 Resp: 57258
Ion Ratio Lower Upper
84 100
86 62.8 45.8 85.0
49 106.0 84.5 156.9

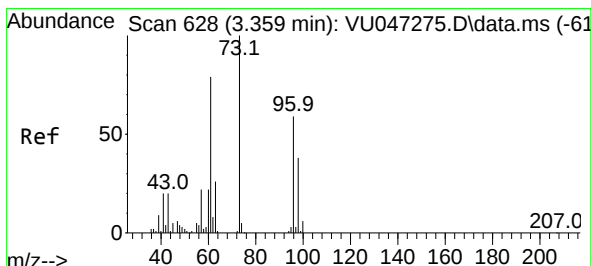
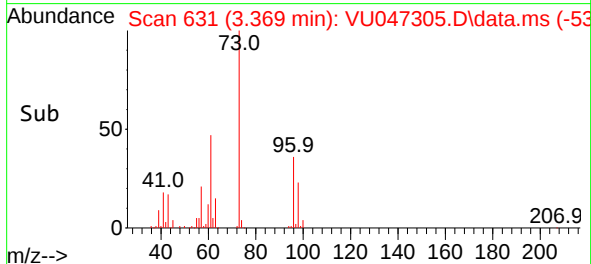
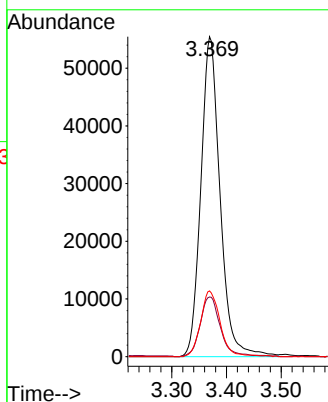
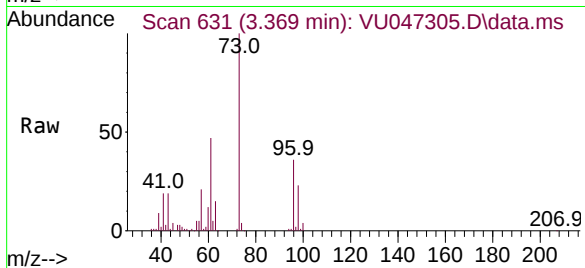




#17
Methyl tert-butyl Ether
Concen: 5.467 ug/L
RT: 3.369 min Scan# 611
Delta R.T. -0.000 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

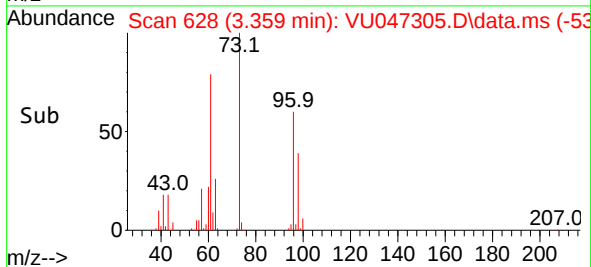
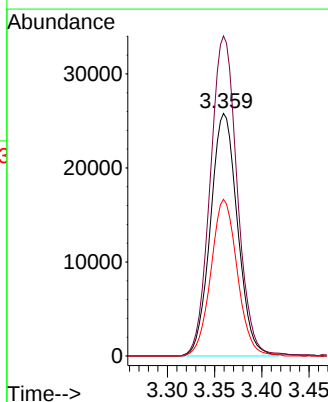
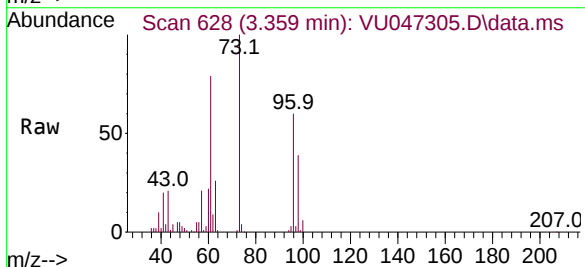
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

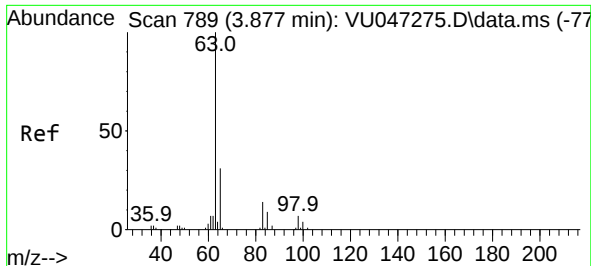
Tgt Ion: 73 Resp: 135244
Ion Ratio Lower Upper
73 100
43 19.6 14.8 22.2
57 20.9 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 5.252 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

Tgt Ion: 96 Resp: 51380
Ion Ratio Lower Upper
96 100
61 131.9 100.8 187.2
98 64.6 45.1 83.7

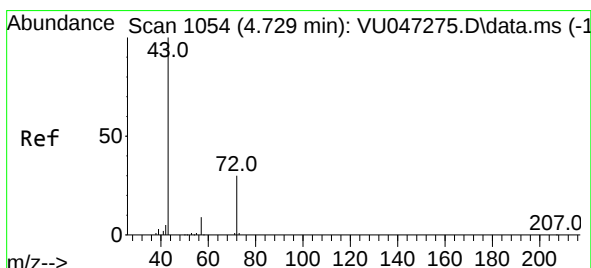
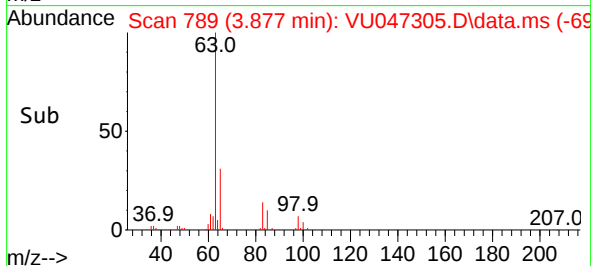
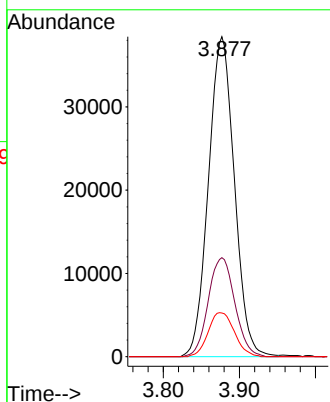
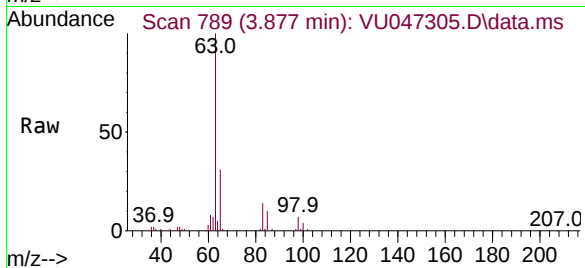




#19
1,1-Dichloroethane
Concen: 5.324 ug/L
RT: 3.877 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

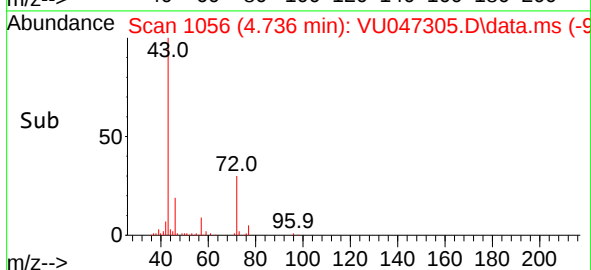
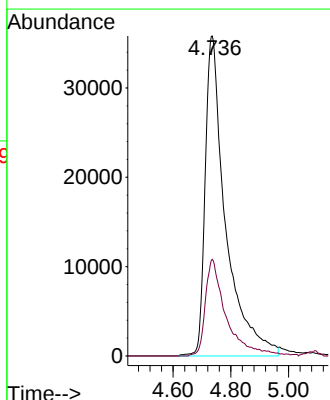
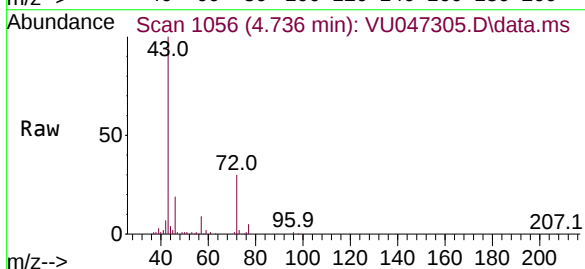
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

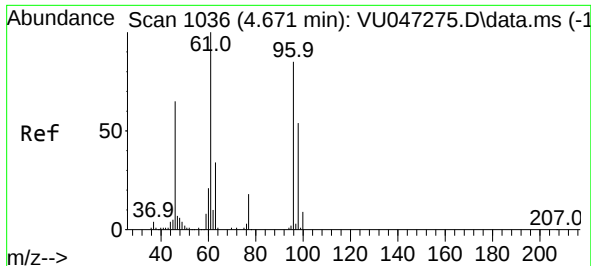
Tgt Ion:	63	Resp:	91048
Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.3	41.5
83	13.6	9.6	17.8



#21
2-Butanone
Concen: 67.365 ug/L
RT: 4.736 min Scan# 1056
Delta R.T. 0.010 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

Tgt Ion:	43	Resp:	175885
Ion	Ratio	Lower	Upper
43	100		
72	29.7	14.1	42.3

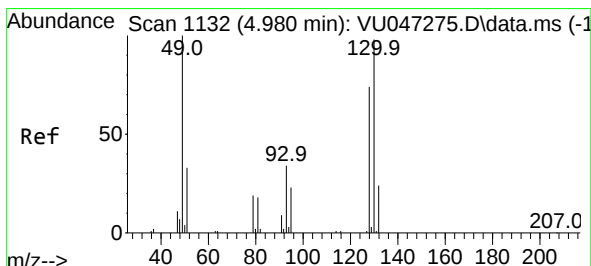
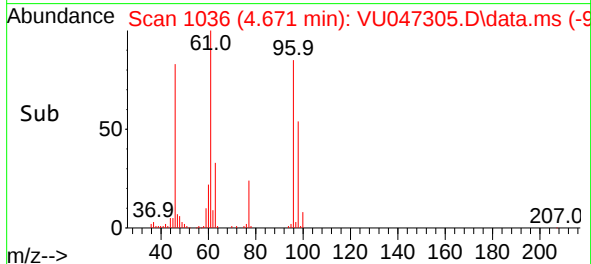
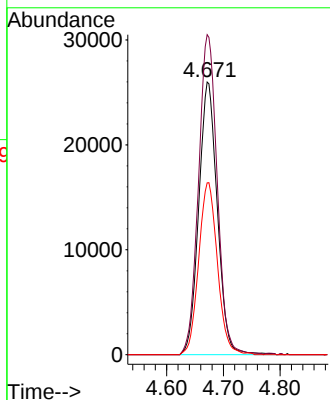
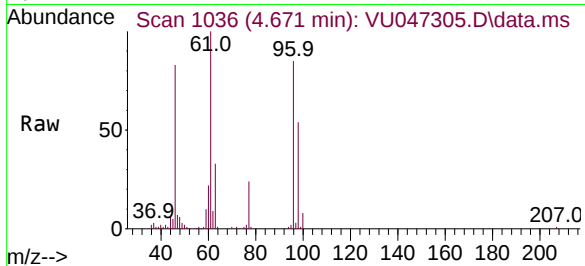




#22
 cis-1,2-Dichloroethene
 Concen: 5.552 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU047305.D
 Acq: 03 Mar 2022 09:36

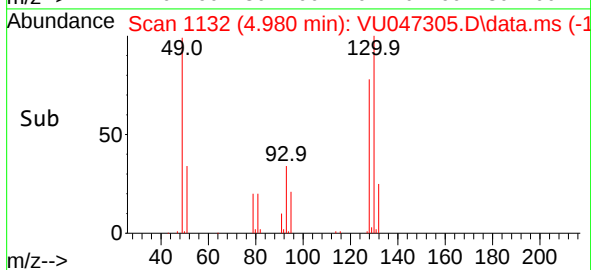
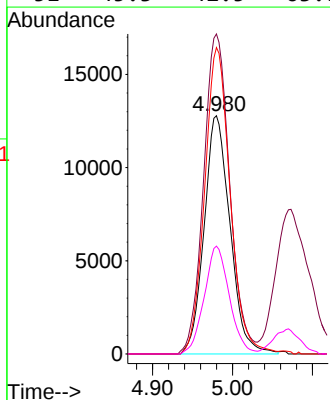
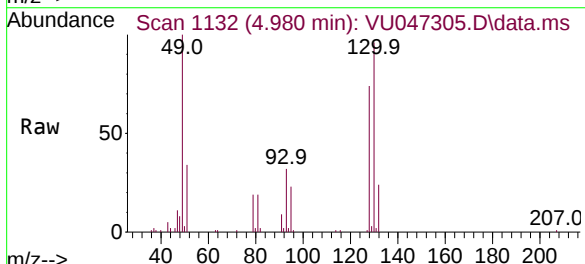
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005081

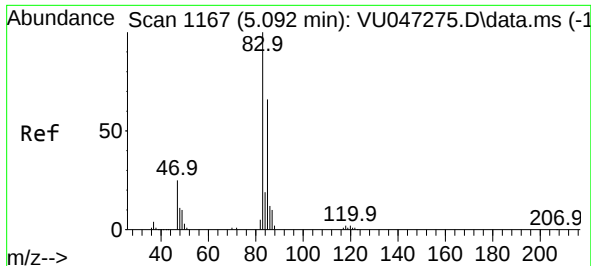
Tgt Ion: 96 Resp: 59116
 Ion Ratio Lower Upper
 96 100
 61 117.4 88.5 164.3
 98 63.1 44.4 82.5



#23
 Bromochloromethane
 Concen: 5.765 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VU047305.D
 Acq: 03 Mar 2022 09:36

Tgt Ion: 128 Resp: 28776
 Ion Ratio Lower Upper
 128 100
 49 134.3 117.0 217.2
 130 128.6 88.2 163.8
 51 45.3 42.5 63.7

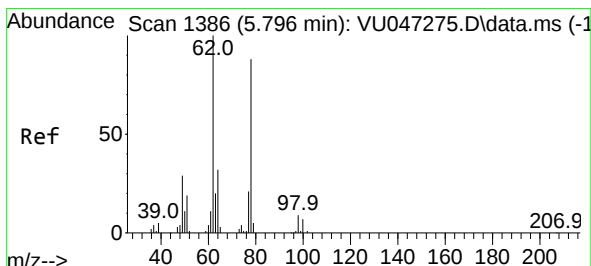
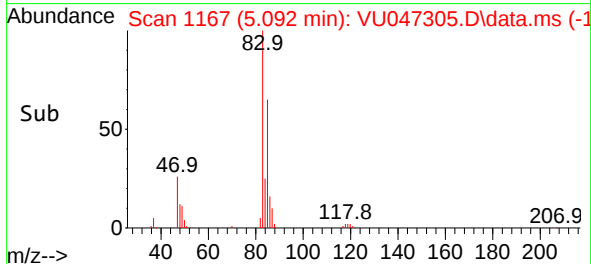
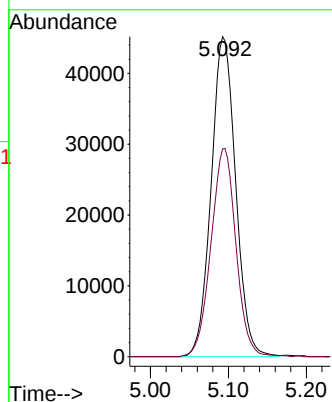
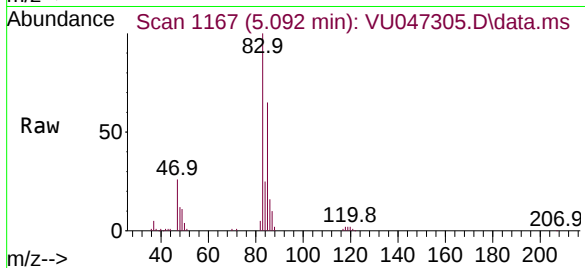




#25
Chloroform
Concen: 5.512 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

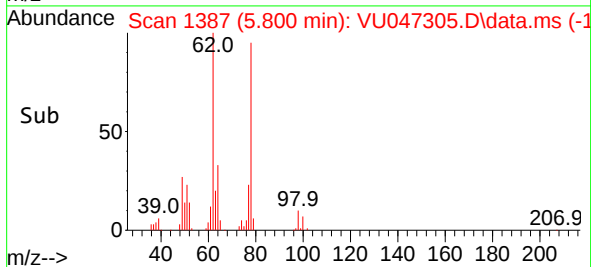
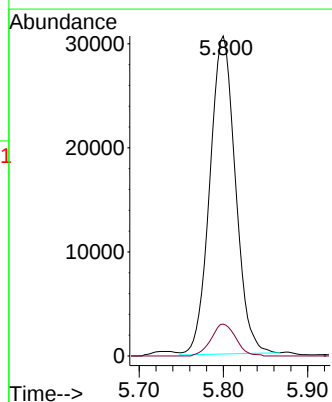
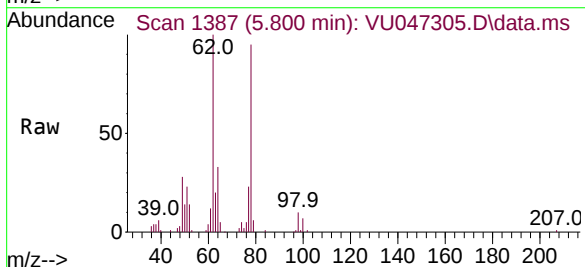
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

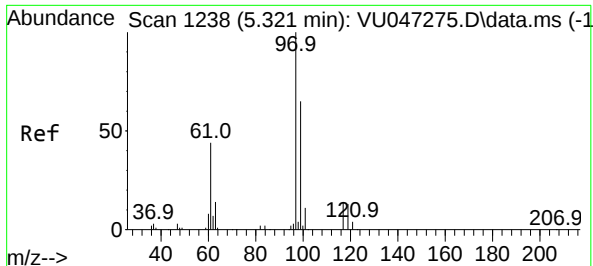
Tgt Ion: 83 Resp: 98702
Ion Ratio Lower Upper
83 100
85 65.0 46.9 87.1



#27
1,2-Dichloroethane
Concen: 5.391 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

Tgt Ion: 62 Resp: 64539
Ion Ratio Lower Upper
62 100
98 10.0 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.462 ug/L

RT: 5.321 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047305.D

Acq: 03 Mar 2022 09:36

Instrument :

MSVOA_U

ClientSampleId :

VSTD005081

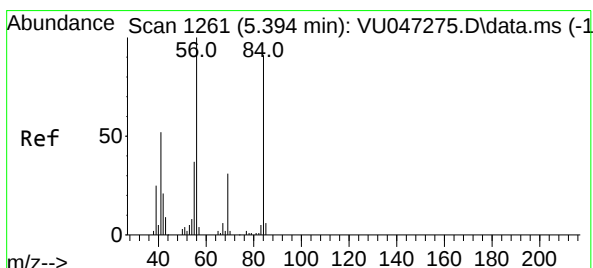
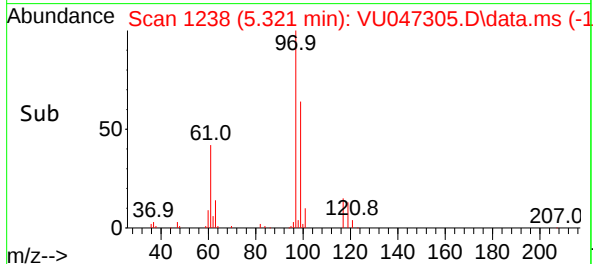
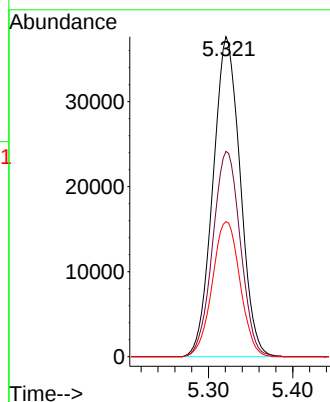
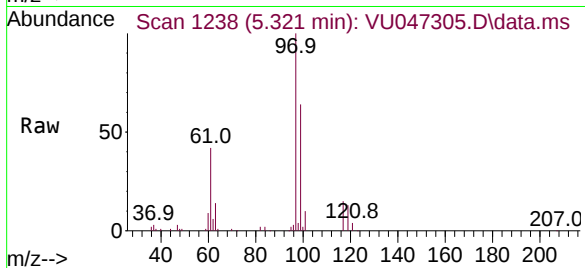
Tgt Ion: 97 Resp: 84371

Ion Ratio Lower Upper

97 100

99 65.4 51.3 76.9

61 43.1 36.1 54.1



#30

Cyclohexane

Concen: 4.672 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU047305.D

Acq: 03 Mar 2022 09:36

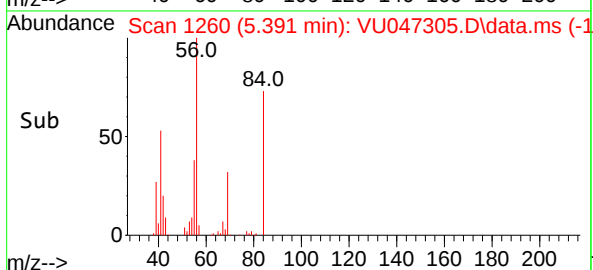
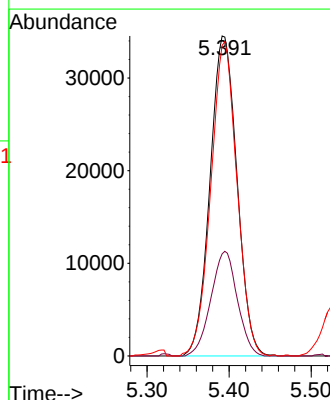
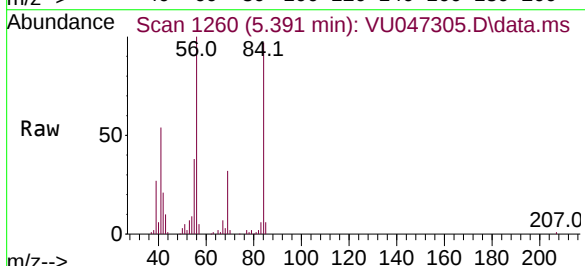
Tgt Ion: 56 Resp: 78764

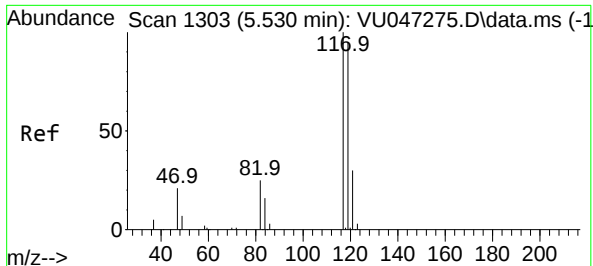
Ion Ratio Lower Upper

56 100

69 32.2 24.7 37.1

84 95.6 71.8 107.6

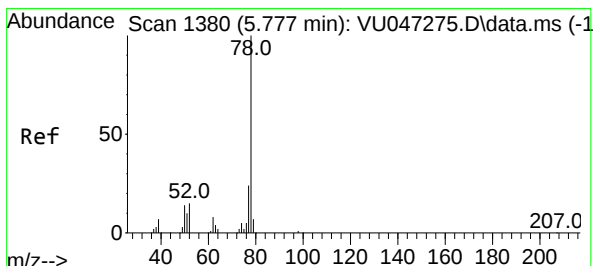
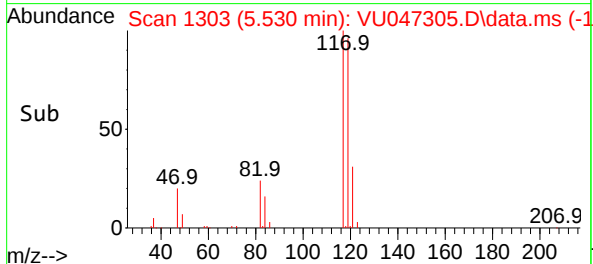
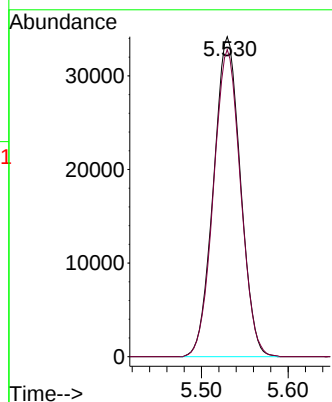
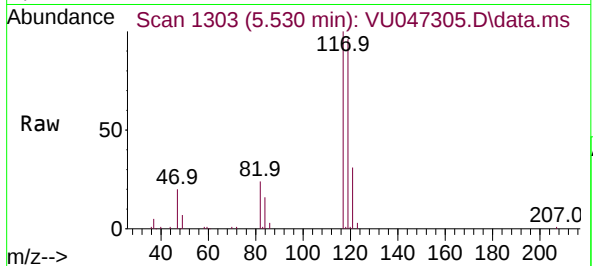




#31
Carbon tetrachloride
Concen: 5.486 ug/L
RT: 5.530 min Scan# 111
Delta R.T. -0.000 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

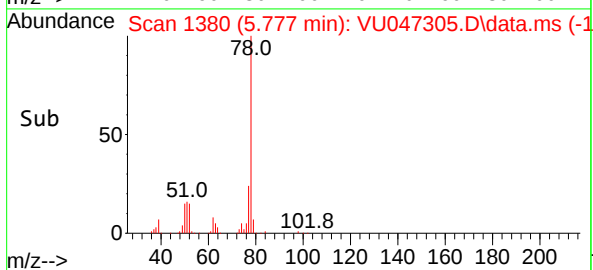
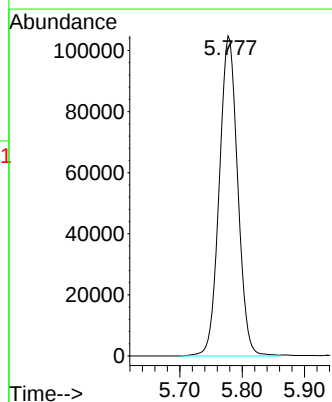
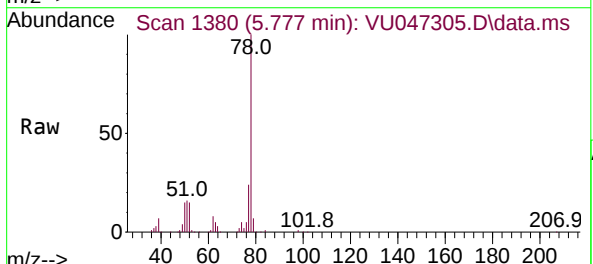
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

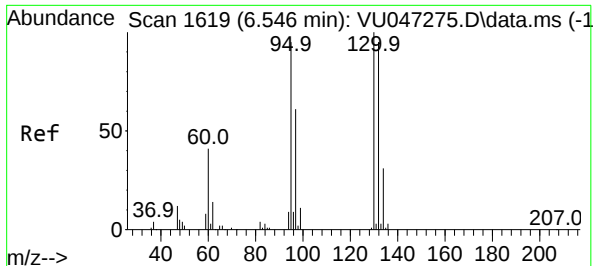
Tgt Ion:117 Resp: 73789
Ion Ratio Lower Upper
117 100
119 96.5 77.5 116.3



#33
Benzene
Concen: 5.295 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

Tgt Ion: 78 Resp: 214639



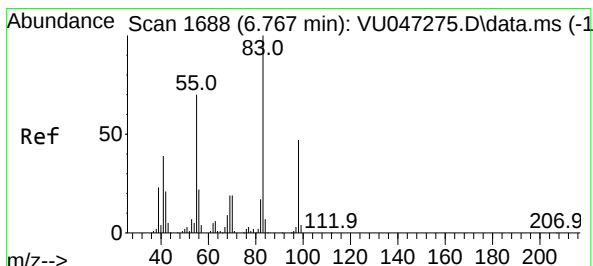
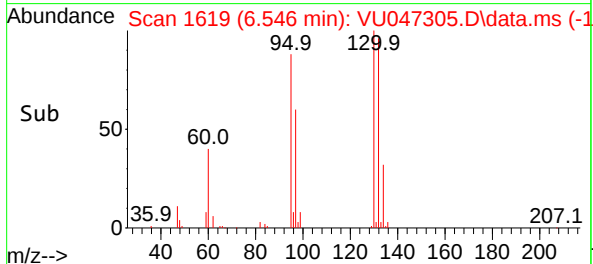
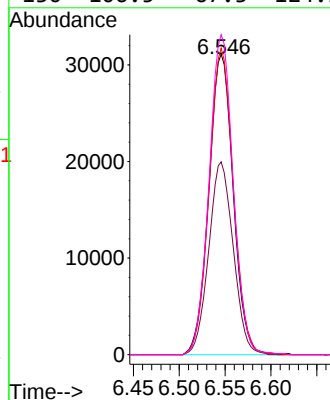
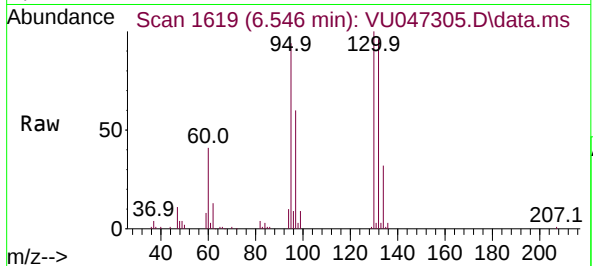


#34
Trichloroethene
Concen: 5.325 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

Tgt Ion: 95 Resp: 57578

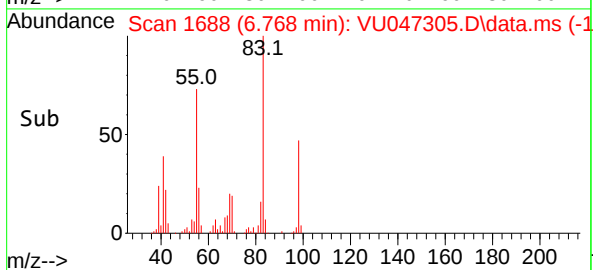
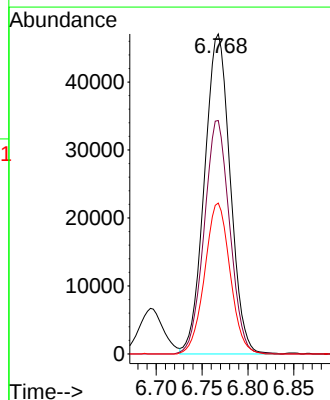
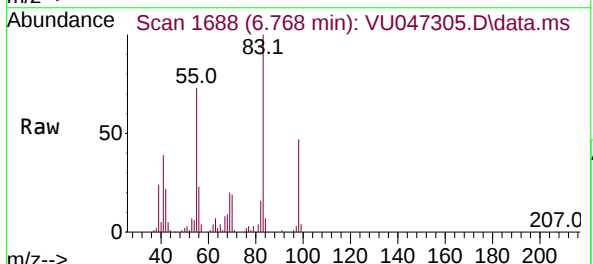
Ion	Ratio	Lower	Upper
95	100		
97	64.2	46.5	86.5
132	102.0	65.1	120.9
130	106.5	67.3	124.9

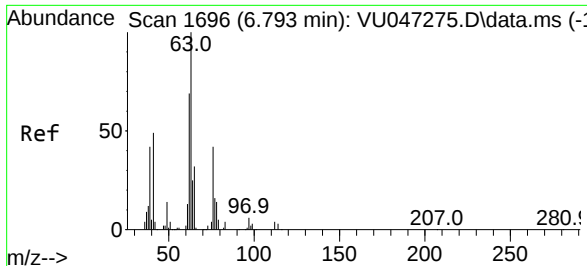


#35
Methylcyclohexane
Concen: 5.045 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

Tgt Ion: 83 Resp: 92054

Ion	Ratio	Lower	Upper
83	100		
55	72.2	61.9	92.9
98	46.5	39.0	58.6





#37

1,2-Dichloropropane

Concen: 5.293 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047305.D

Acq: 03 Mar 2022 09:36

Instrument :

MSVOA_U

ClientSampleId :

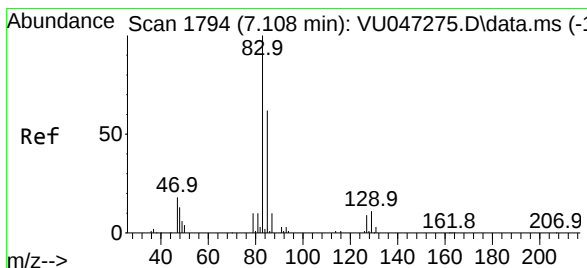
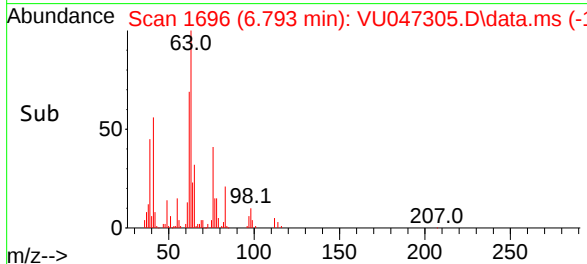
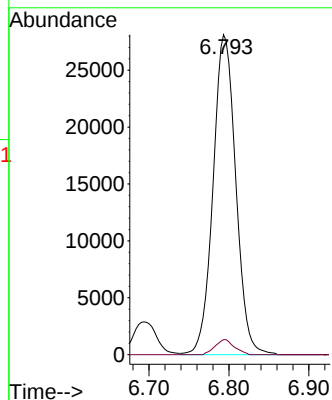
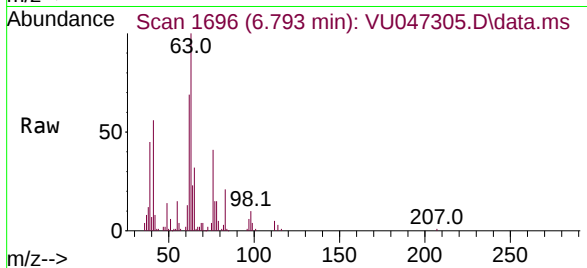
VSTD005081

Tgt Ion: 63 Resp: 55458

Ion Ratio Lower Upper

63 100

112 4.0 3.2 4.8



#38

Bromodichloromethane

Concen: 5.487 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047305.D

Acq: 03 Mar 2022 09:36

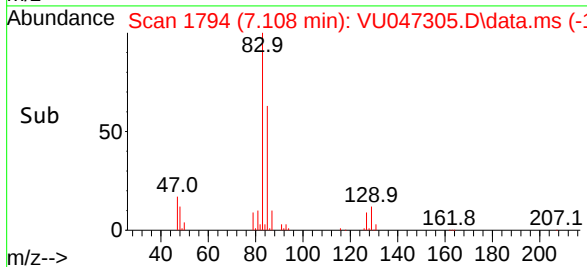
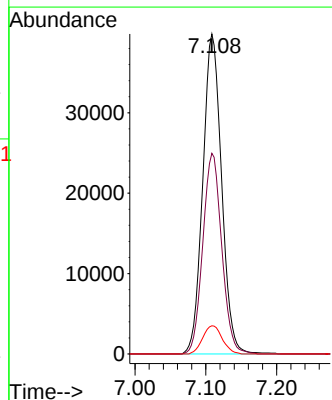
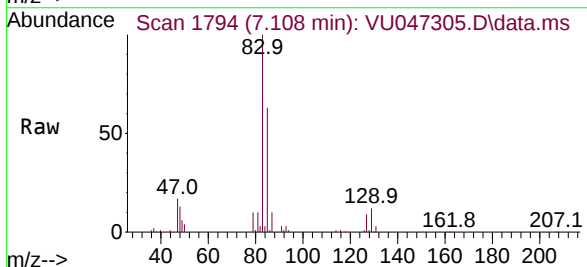
Tgt Ion: 83 Resp: 73449

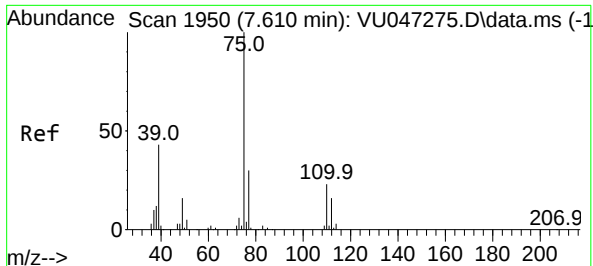
Ion Ratio Lower Upper

83 100

85 62.7 44.0 81.8

127 8.8 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.228 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047305.D

Acq: 03 Mar 2022 09:36

Instrument :

MSVOA_U

ClientSampleId :

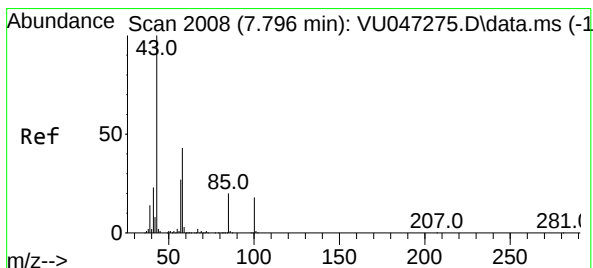
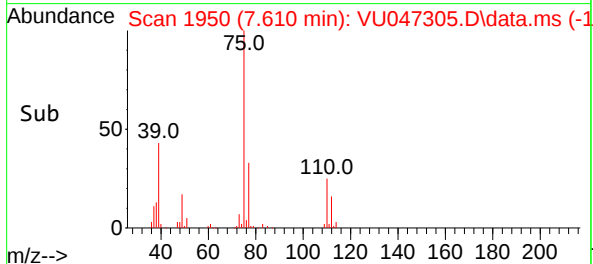
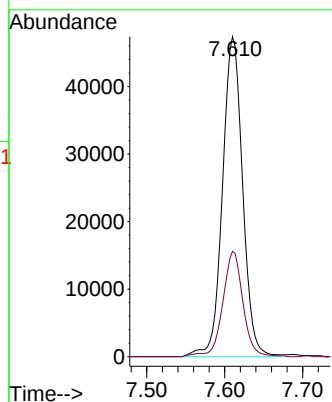
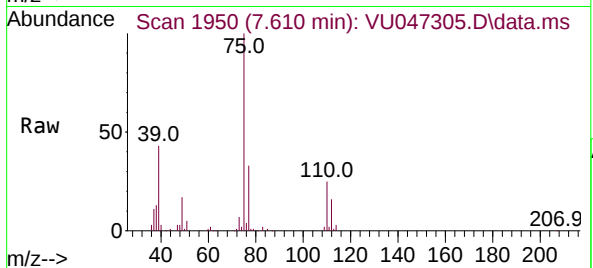
VSTD005081

Tgt Ion: 75 Resp: 85189

Ion Ratio Lower Upper

75 100

77 32.9 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 53.140 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU047305.D

Acq: 03 Mar 2022 09:36

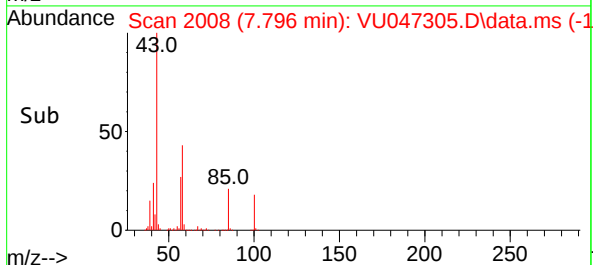
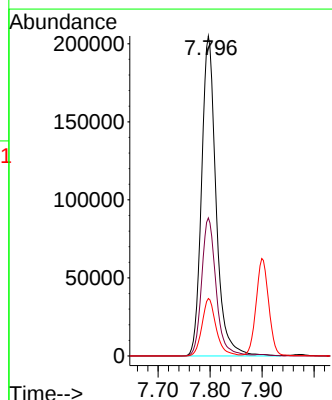
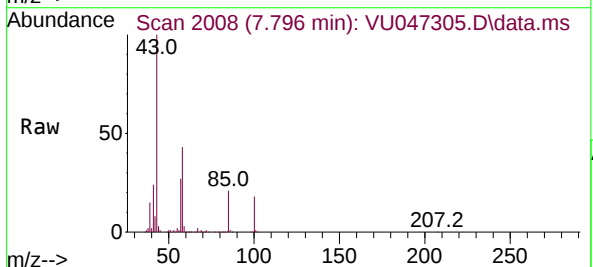
Tgt Ion: 43 Resp: 397296

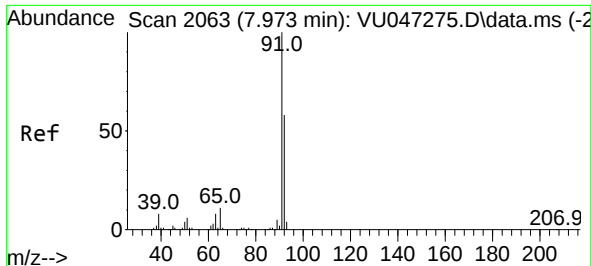
Ion Ratio Lower Upper

43 100

58 43.0 33.1 49.7

100 17.6 13.2 19.8

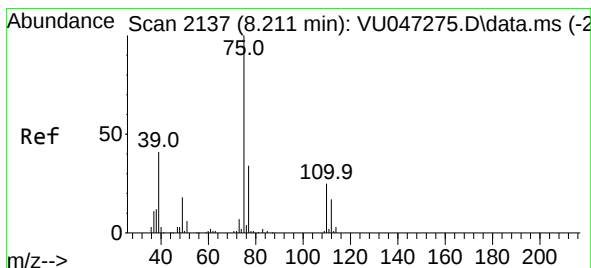
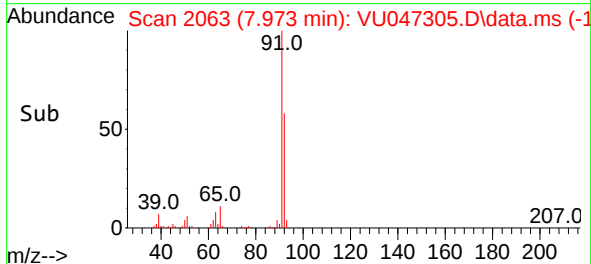
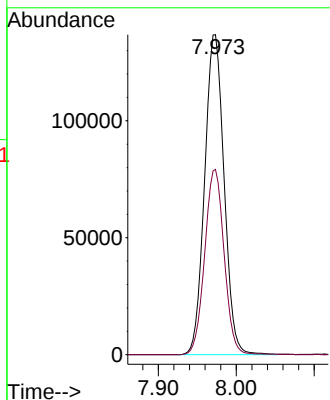
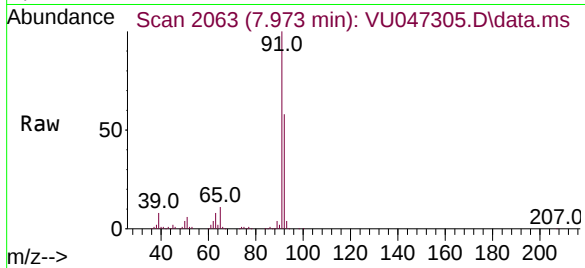




#42
Toluene
Concen: 5.267 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.003 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

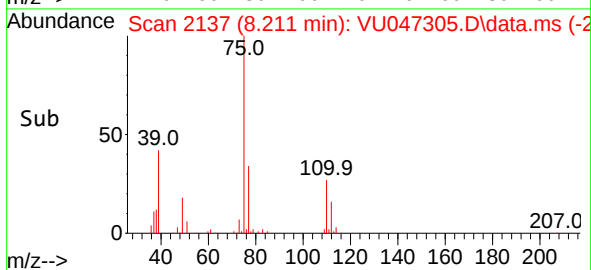
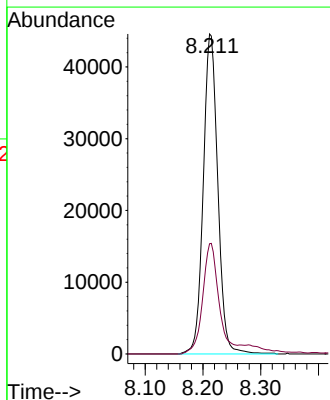
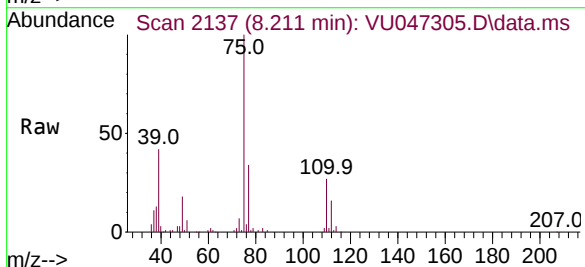
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

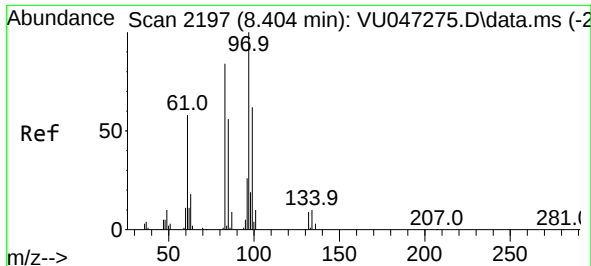
Tgt Ion: 91 Resp: 237670
Ion Ratio Lower Upper
91 100
92 57.9 41.3 76.7



#44
trans-1,3-Dichloropropene
Concen: 5.314 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

Tgt Ion: 75 Resp: 77999
Ion Ratio Lower Upper
75 100
77 34.4 22.7 42.3

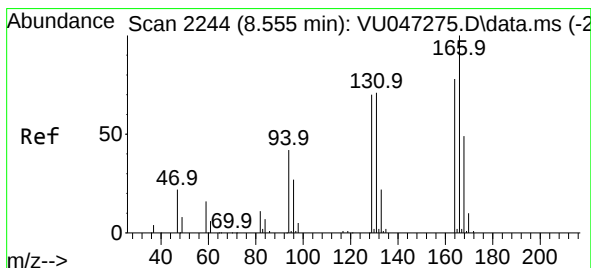
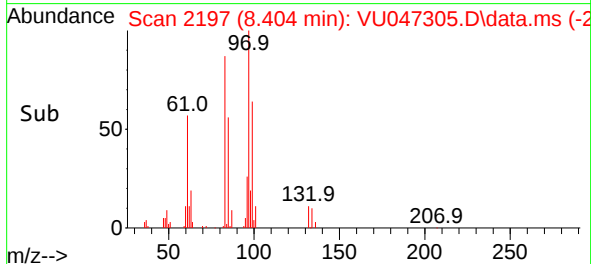
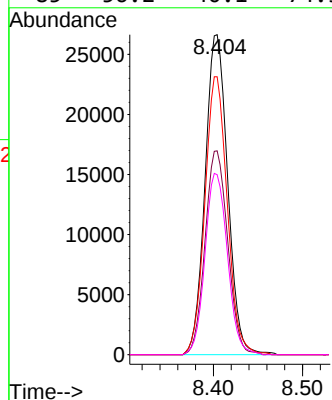
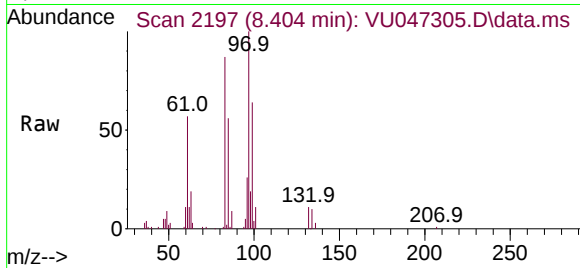




#45
1,1,2-Trichloroethane
Concen: 5.770 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

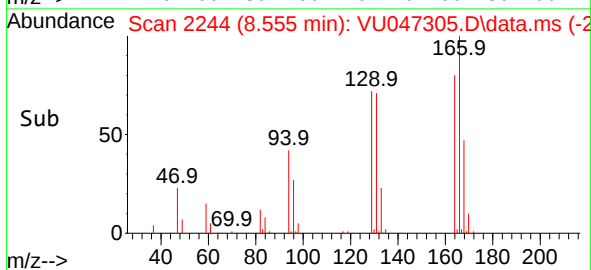
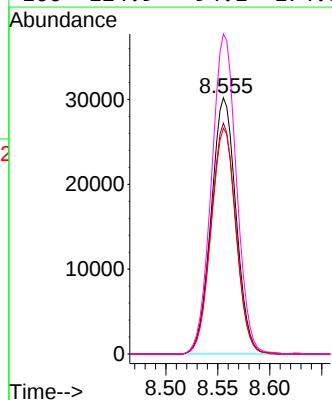
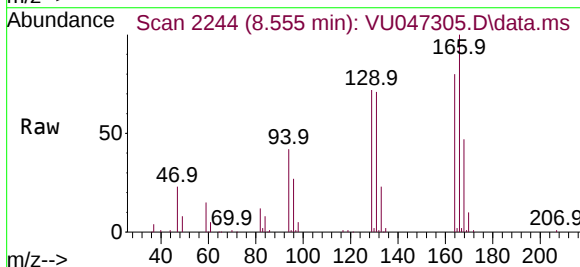
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

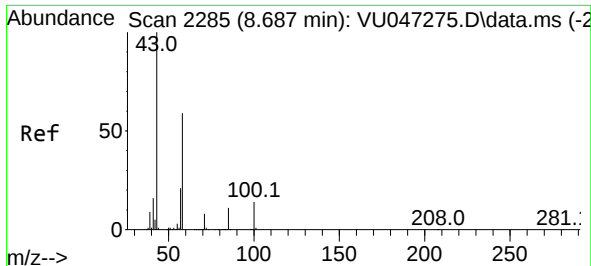
Tgt Ion:	97	Resp:	46946
Ion	Ratio	Lower	Upper
97	100		
99	63.7	42.3	78.5
83	86.8	62.0	115.2
85	56.2	40.1	74.5



#47
Tetrachloroethene
Concen: 5.719 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

Tgt Ion:	164	Resp:	50183
Ion	Ratio	Lower	Upper
164	100		
129	90.1	71.8	133.4
131	88.1	68.5	127.3
166	124.9	94.1	174.8

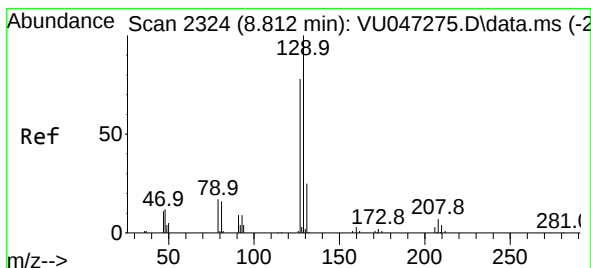
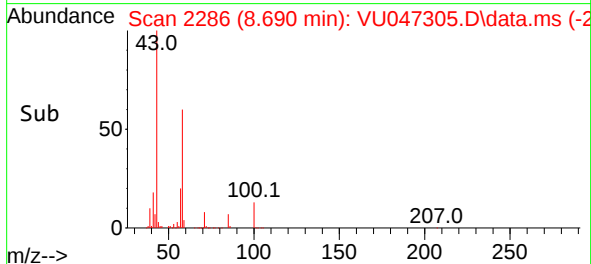
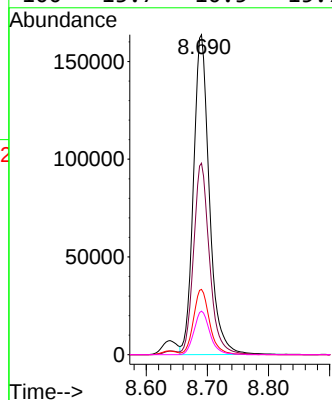
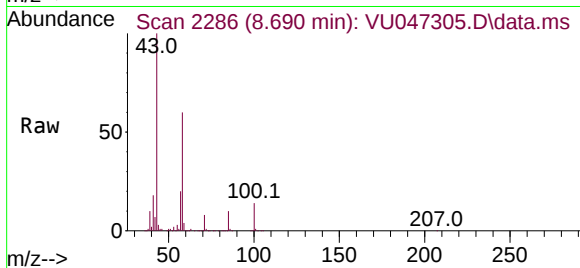




#48
2-Hexanone
Concen: 53.154 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

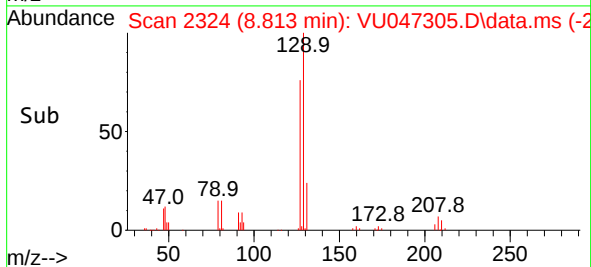
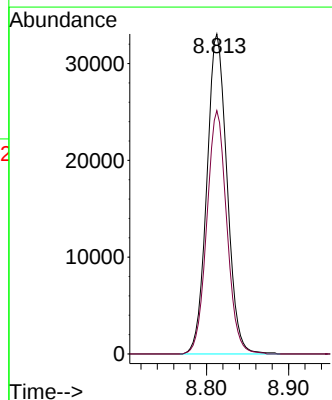
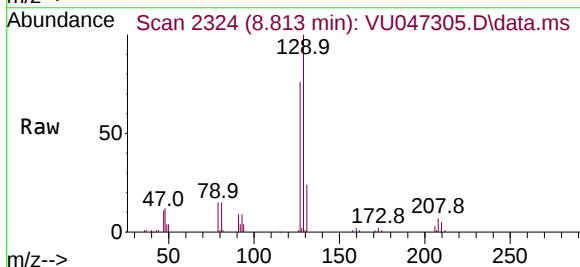
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

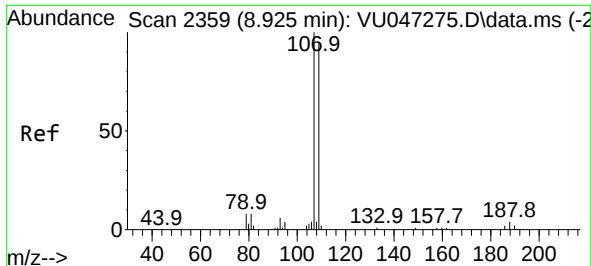
Tgt Ion: 43 Resp: 295466
Ion Ratio Lower Upper
43 100
58 59.7 46.7 70.1
57 20.8 16.3 24.5
100 13.7 10.5 15.7



#49
Dibromochloromethane
Concen: 5.773 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

Tgt Ion: 129 Resp: 56582
Ion Ratio Lower Upper
129 100
127 76.0 55.4 102.8





#50

1,2-Dibromoethane

Concen: 5.760 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047305.D

Acq: 03 Mar 2022 09:36

Instrument :

MSVOA_U

ClientSampleId :

VSTD005081

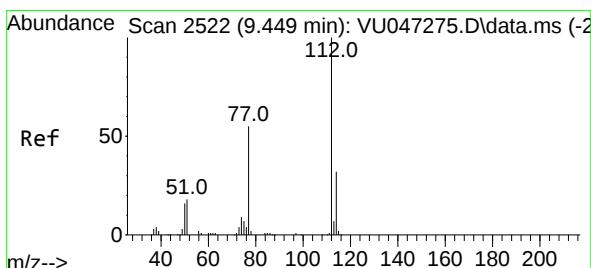
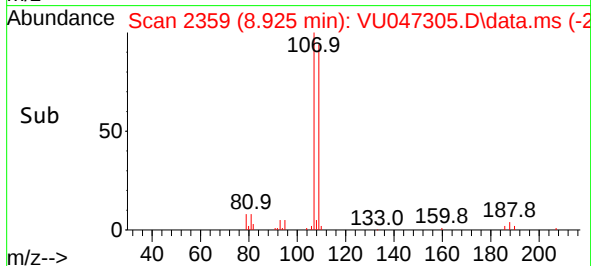
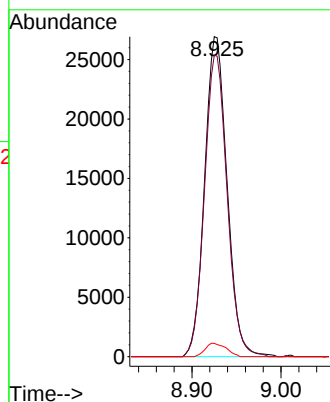
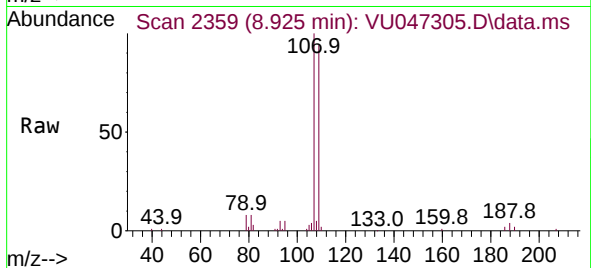
Tgt Ion:107 Resp: 47265

Ion Ratio Lower Upper

107 100

109 94.2 64.0 119.0

188 4.2 2.4 3.6#



#51

Chlorobenzene

Concen: 5.450 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU047305.D

Acq: 03 Mar 2022 09:36

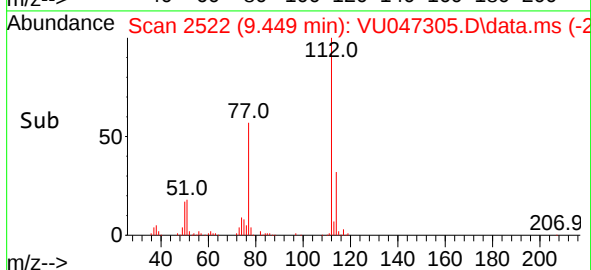
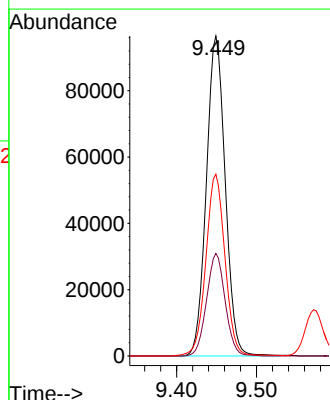
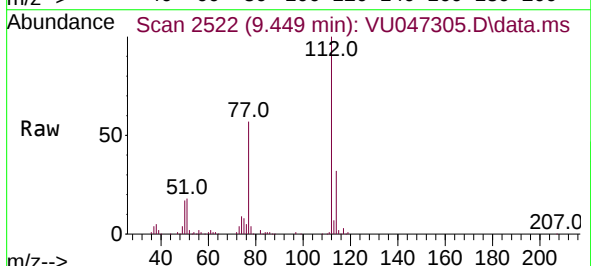
Tgt Ion:112 Resp: 158739

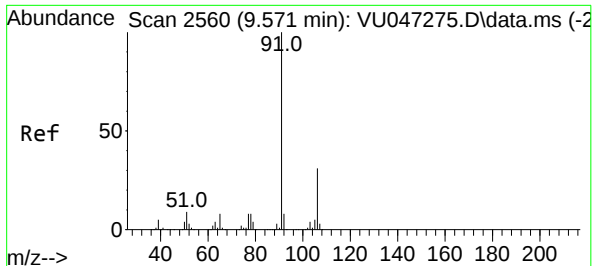
Ion Ratio Lower Upper

112 100

114 32.0 22.1 41.1

77 56.8 48.3 72.5

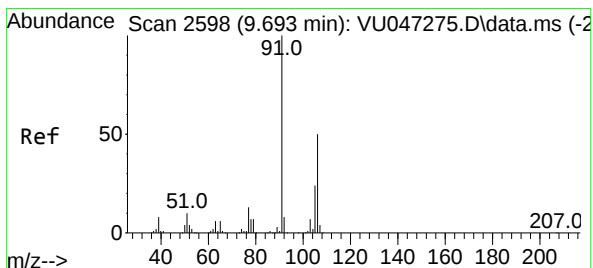
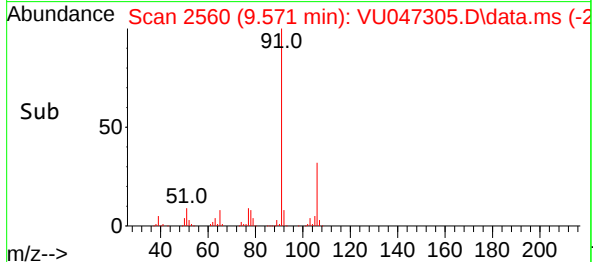
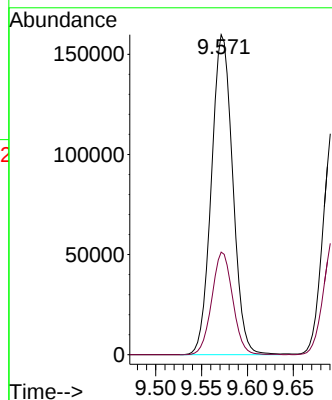
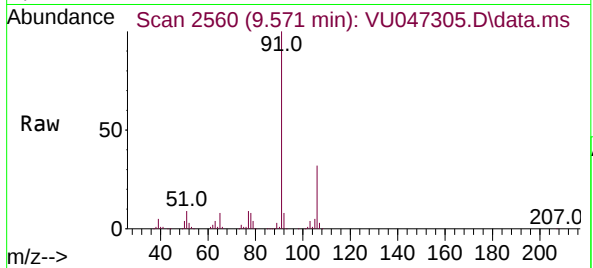




#52
Ethylbenzene
Concen: 5.221 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

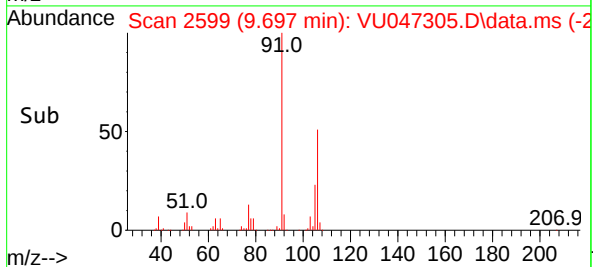
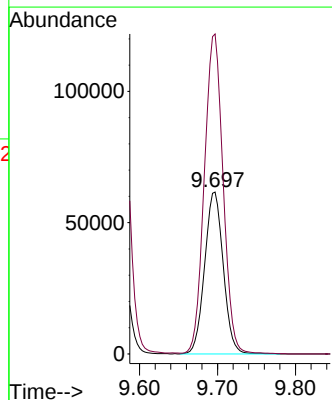
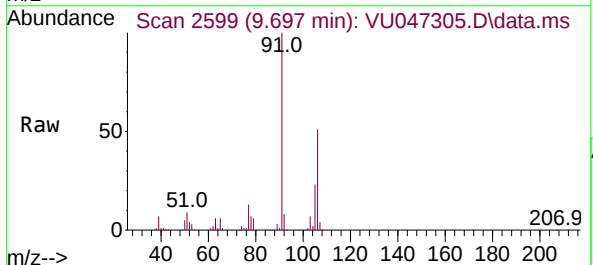
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

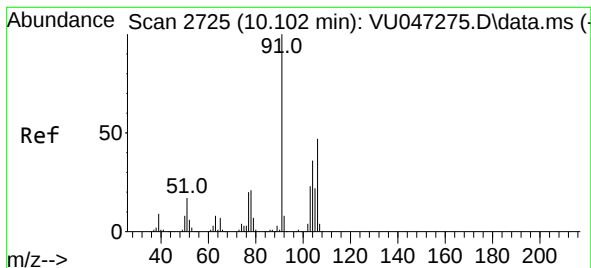
Tgt Ion: 91 Resp: 258179
Ion Ratio Lower Upper
91 100
106 32.0 21.5 39.9



#53
m,p-Xylene
Concen: 5.272 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

Tgt Ion: 106 Resp: 102345
Ion Ratio Lower Upper
106 100
91 197.6 139.4 259.0





#54

o-Xylene

Concen: 5.202 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. -0.000 min

Lab File: VU047305.D

Acq: 03 Mar 2022 09:36

Instrument :

MSVOA_U

ClientSampleId :

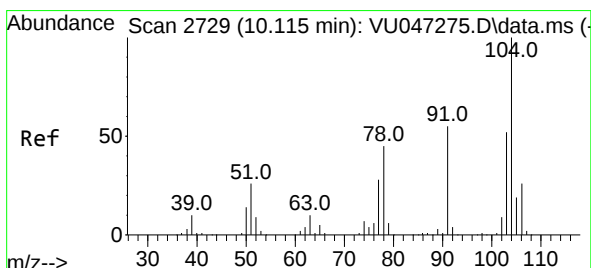
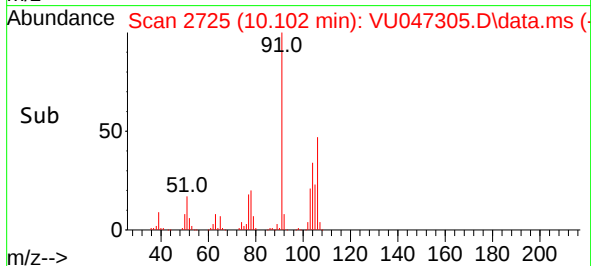
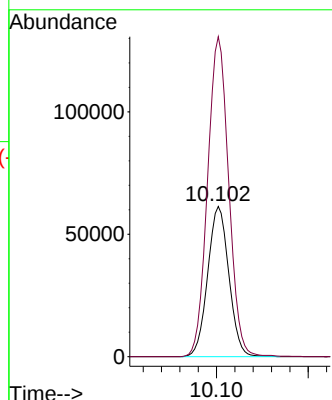
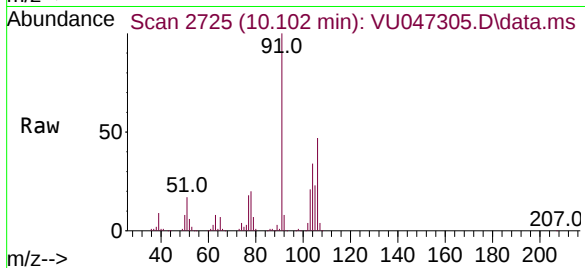
VSTD005081

Tgt Ion:106 Resp: 98346

Ion Ratio Lower Upper

106 100

91 212.9 147.5 273.9



#55

Styrene

Concen: 5.394 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU047305.D

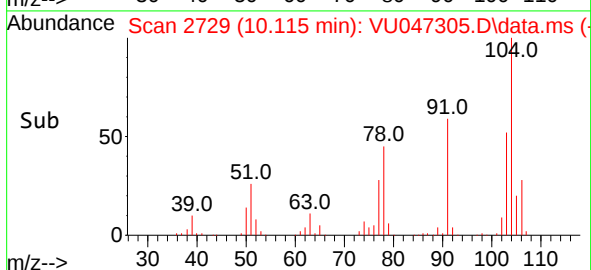
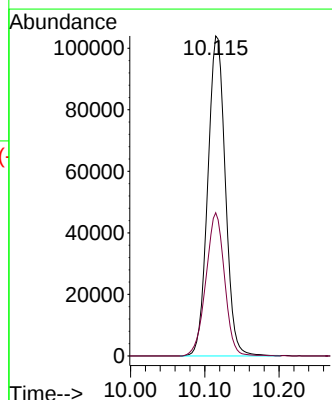
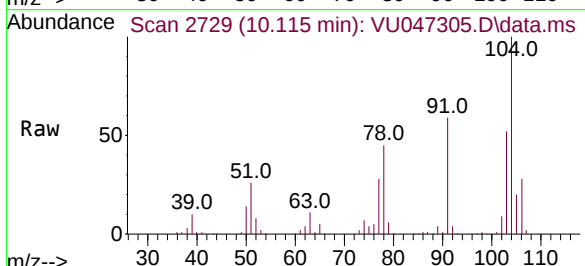
Acq: 03 Mar 2022 09:36

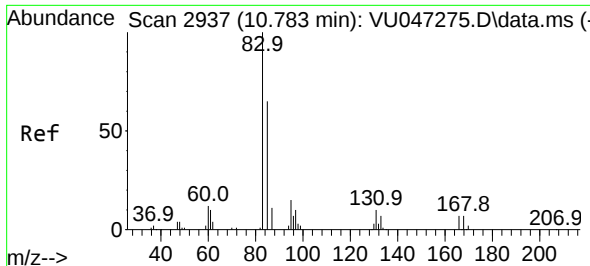
Tgt Ion:104 Resp: 170600

Ion Ratio Lower Upper

104 100

78 44.7 33.0 61.4

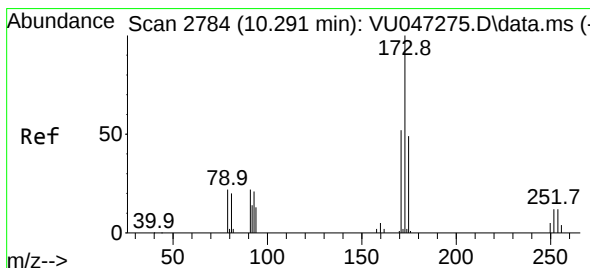
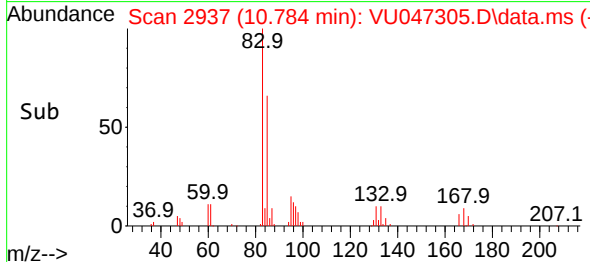
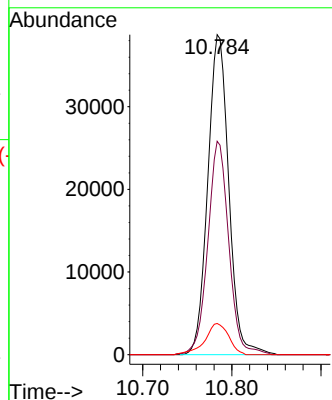
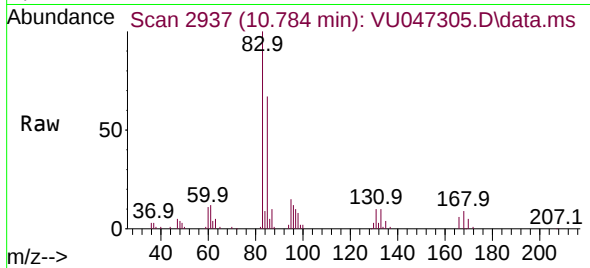




#57
1,1,2-Tetrachloroethane
Concen: 5.871 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

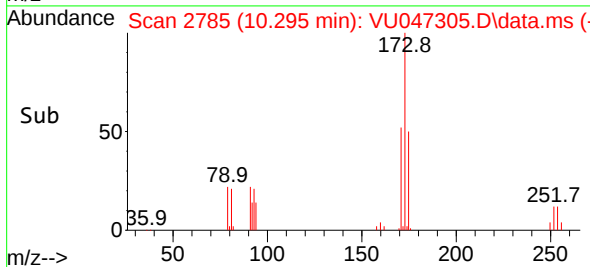
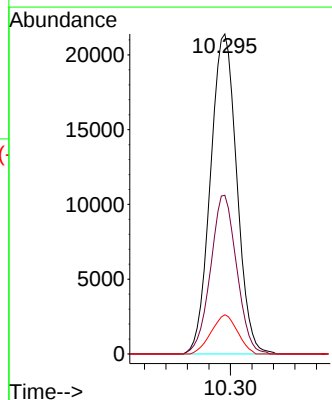
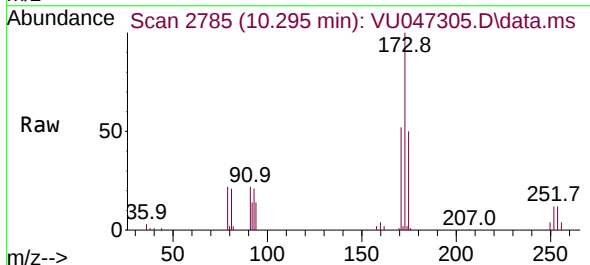
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

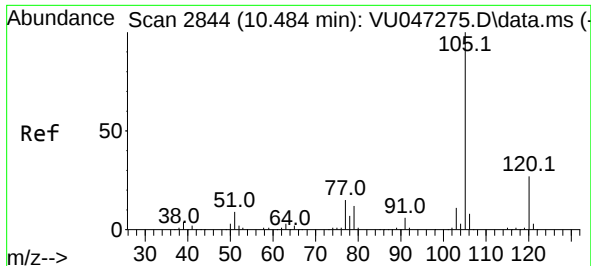
Tgt Ion: 83 Resp: 63222
Ion Ratio Lower Upper
83 100
85 66.7 47.9 89.1
131 9.7 8.1 12.1



#59
Bromoform
Concen: 5.507 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.003 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

Tgt Ion: 173 Resp: 36366
Ion Ratio Lower Upper
173 100
175 49.2 37.8 56.6
254 12.2 7.3 10.9#

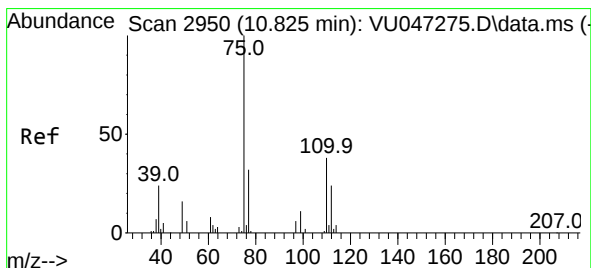
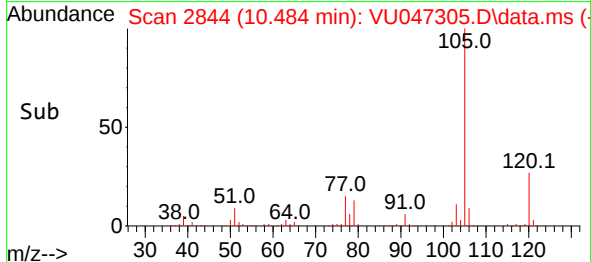
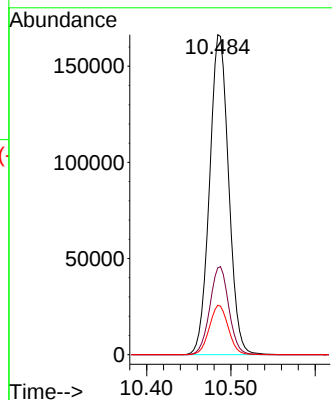
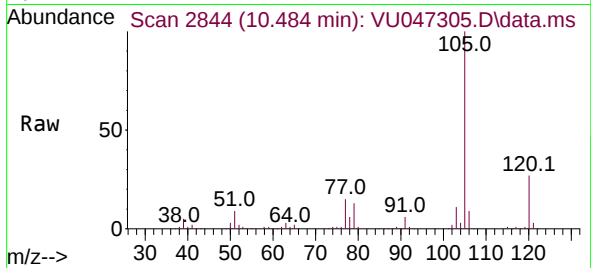




#60
Isopropylbenzene
Concen: 4.923 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

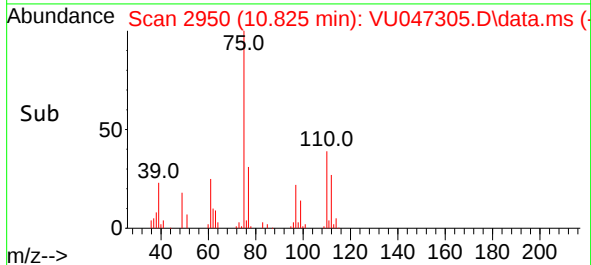
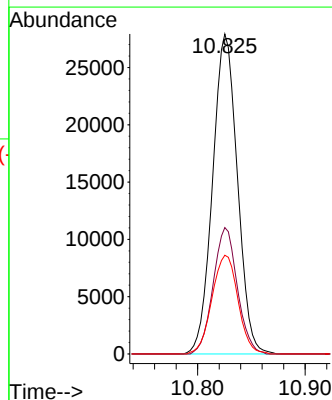
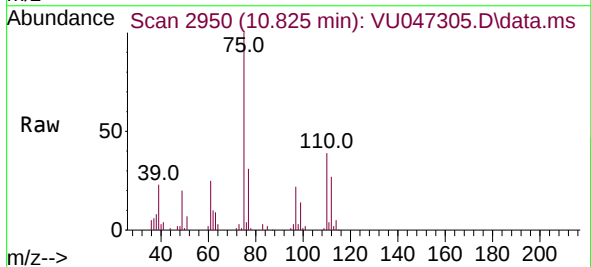
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

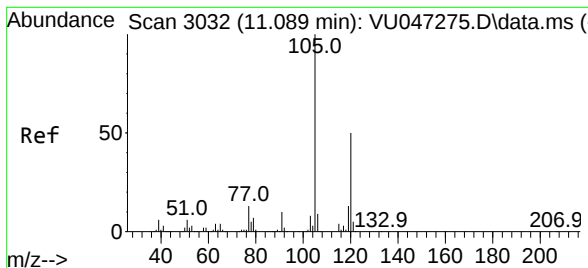
Tgt Ion:105 Resp: 261947
Ion Ratio Lower Upper
105 100
120 27.4 20.7 31.1
77 15.3 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.161 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

Tgt Ion: 75 Resp: 44690
Ion Ratio Lower Upper
75 100
110 38.5 29.9 44.9
77 32.4 25.5 38.3

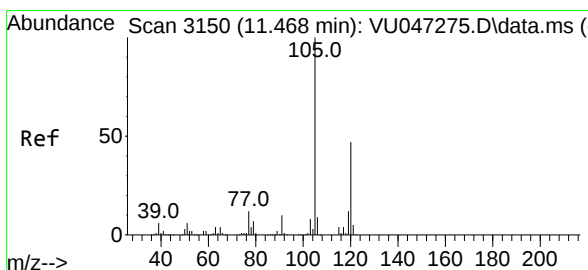
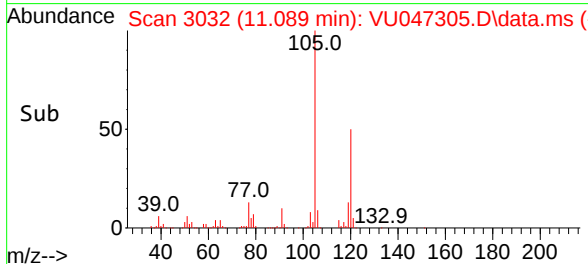
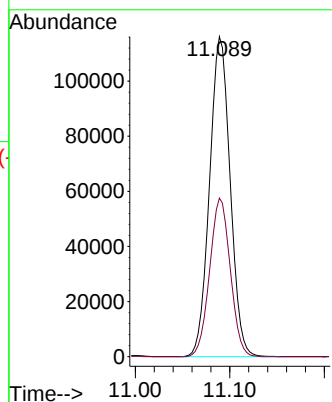
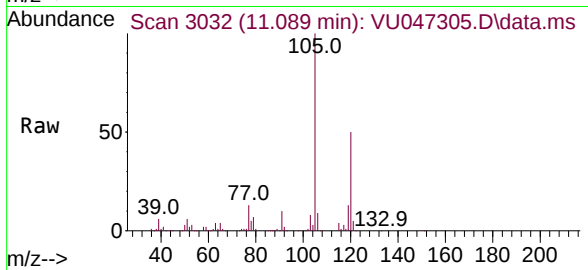




#62
1,3,5-Trimethylbenzene
Concen: 4.947 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

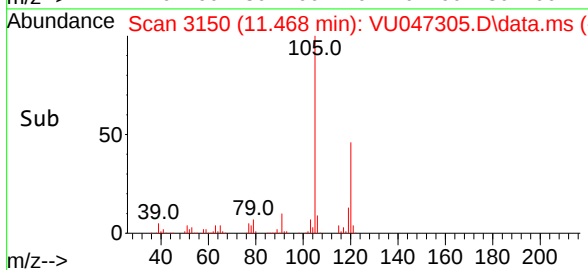
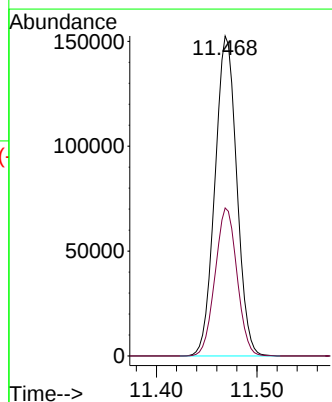
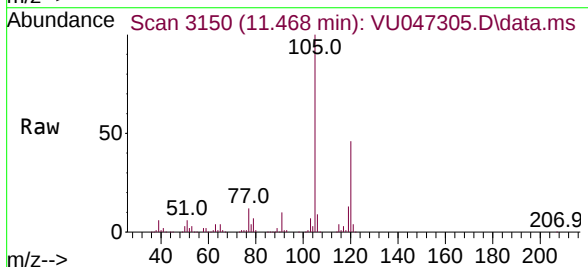
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

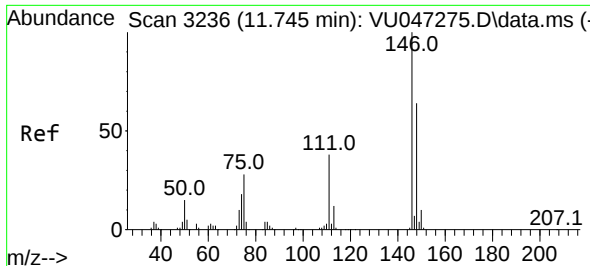
Tgt Ion:105 Resp: 175744
Ion Ratio Lower Upper
105 100
120 49.5 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 5.026 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

Tgt Ion:105 Resp: 229870
Ion Ratio Lower Upper
105 100
120 46.4 35.8 53.8

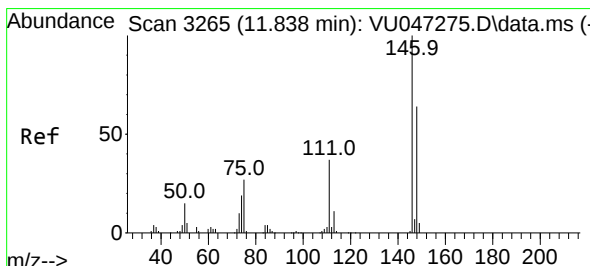
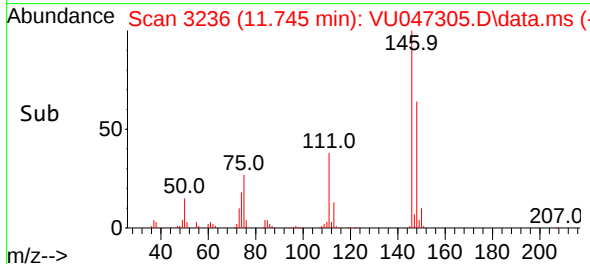
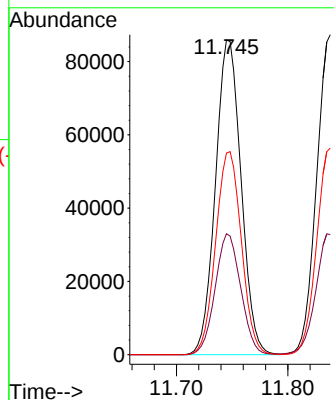
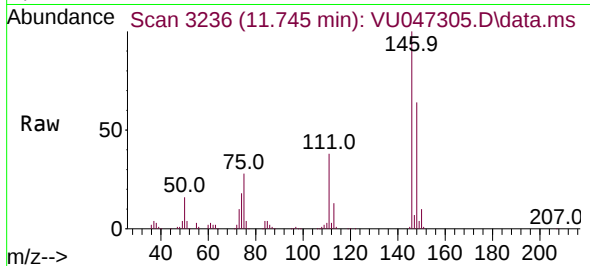




#64
1,3-Dichlorobenzene
Concen: 5.357 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

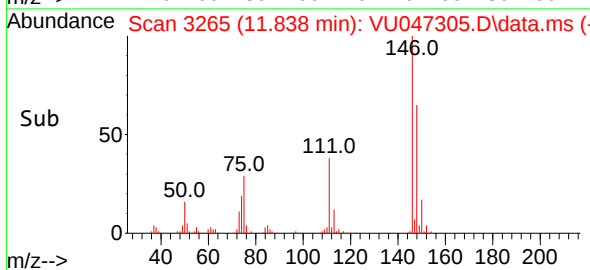
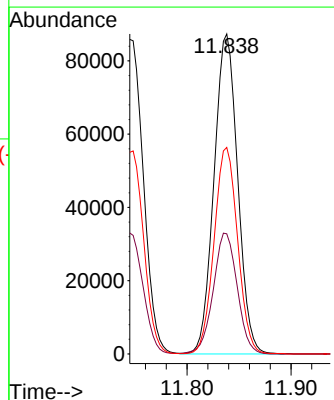
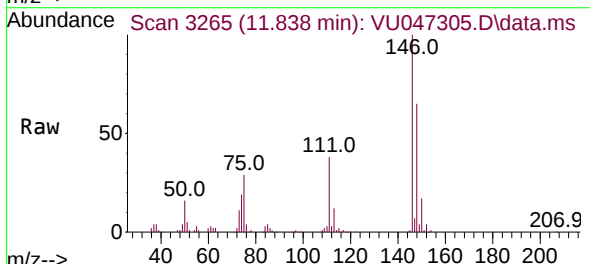
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

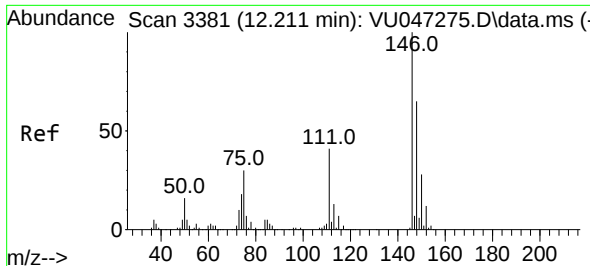
Tgt Ion:146 Resp: 137448
Ion Ratio Lower Upper
146 100
111 38.4 29.9 55.5
148 64.1 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.329 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

Tgt Ion:146 Resp: 138352
Ion Ratio Lower Upper
146 100
111 37.6 28.7 53.3
148 64.6 45.8 85.0

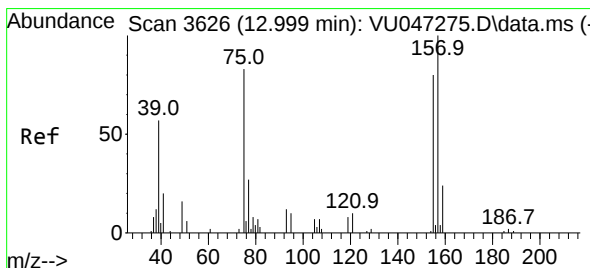
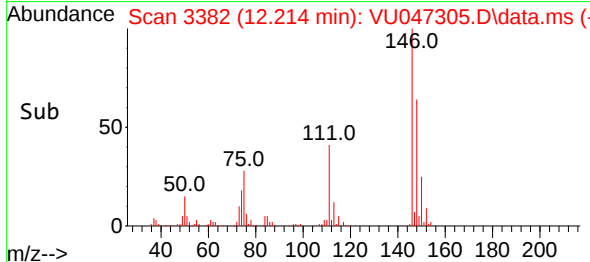
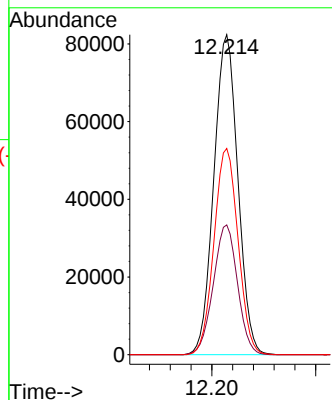
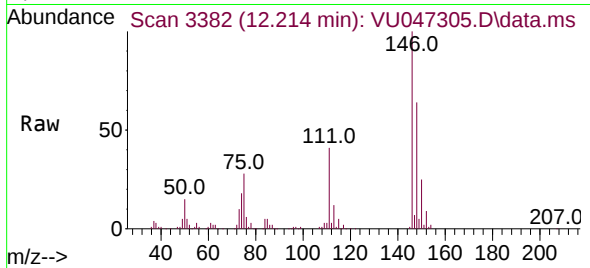




#67
1,2-Dichlorobenzene
Concen: 5.410 ug/L
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

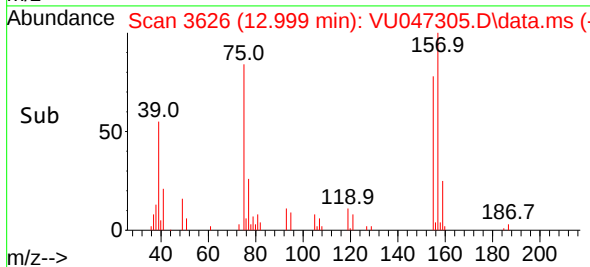
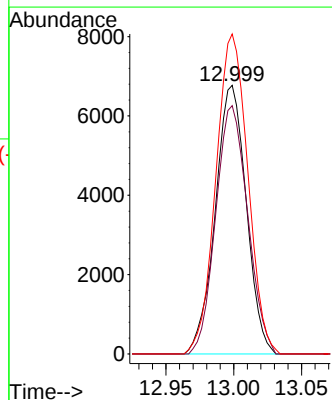
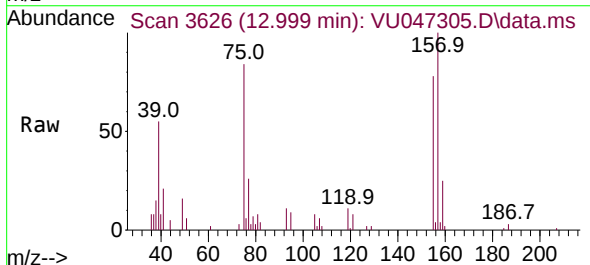
Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

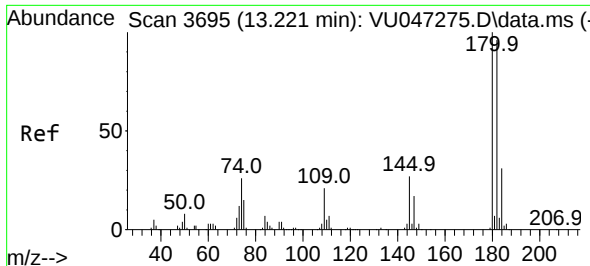
Tgt Ion:146 Resp: 132226
Ion Ratio Lower Upper
146 100
111 40.5 35.4 53.0
148 64.5 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.381 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

Tgt Ion: 75 Resp: 10765
Ion Ratio Lower Upper
75 100
155 92.5 59.2 88.8#
157 119.1 76.5 114.7#



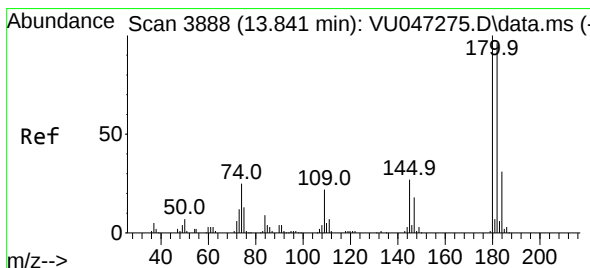
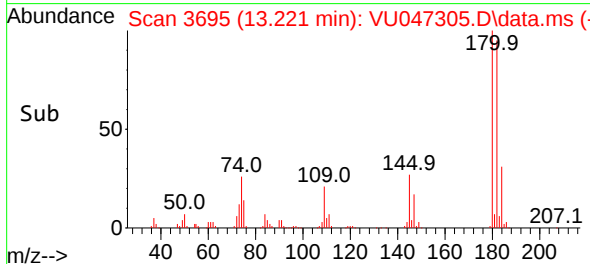
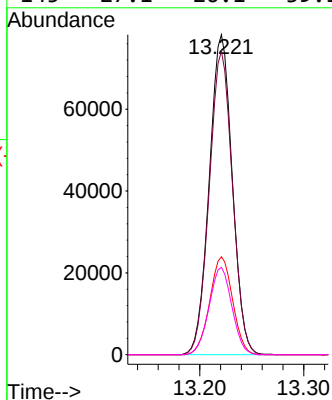
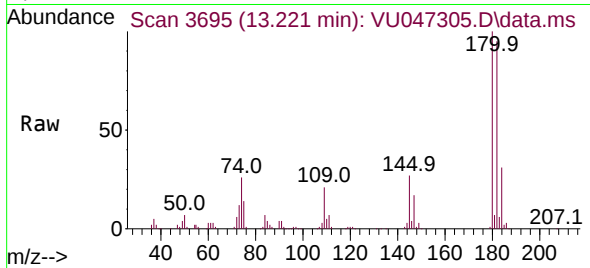


#69
 1,3,5-Trichlorobenzene
 Concen: 5.657 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU047305.D
 Acq: 03 Mar 2022 09:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005081

Tgt Ion:180 Resp: 119930

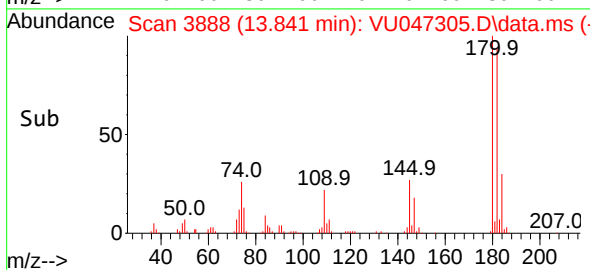
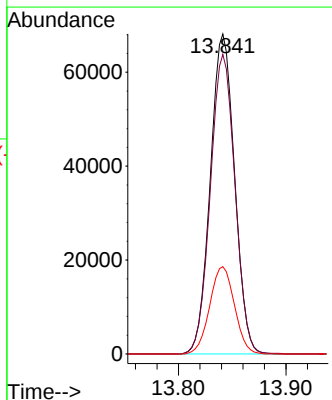
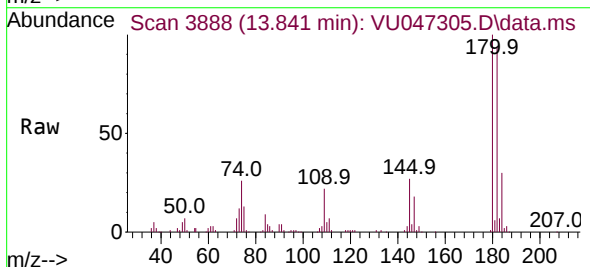
Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.1	114.1
184	30.6	25.0	37.4
145	27.1	26.1	39.1

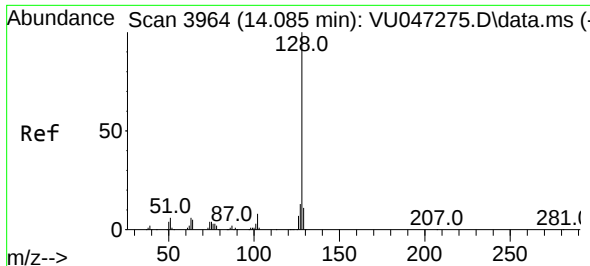


#70
 1,2,4-trichlorobenzene
 Concen: 5.410 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047305.D
 Acq: 03 Mar 2022 09:36

Tgt Ion:180 Resp: 106770

Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.4	114.6
145	27.8	25.6	38.4

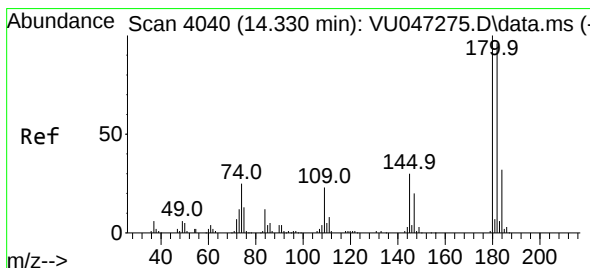
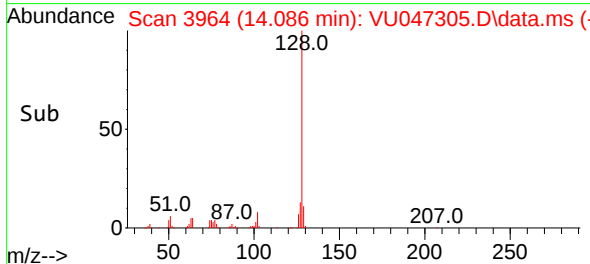
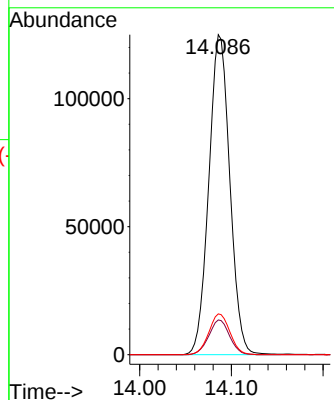
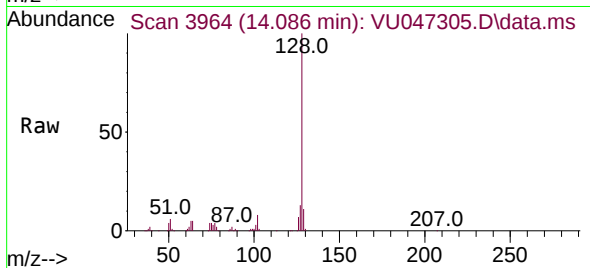




#71
Naphthalene
Concen: 4.888 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

Instrument :
MSVOA_U
ClientSampleId :
VSTD005081

Tgt Ion:128 Resp: 199089
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 12.8 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.261 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047305.D
Acq: 03 Mar 2022 09:36

Tgt Ion:180 Resp: 97665
Ion Ratio Lower Upper
180 100
182 95.9 76.2 114.4
145 29.8 28.4 42.6

