

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
 Data File : VU049338.D
 Acq On : 21 Jun 2022 19:53
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005123

Quant Time: Jun 22 01:51:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 22 01:47:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	155773	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	143109	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	74288	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	46169	3.392	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.800%
7) Chloroethane-d5	1.912	69	35838	3.889	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.800%
11) 1,1-Dichloroethene-d2	2.565	65	17710	3.235	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.600%
20) 2-Butanone-d5	4.632	46	198912	54.732	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.460%
24) Chloroform-d	5.063	84	95961	4.493	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.703	65	52821	4.509	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.729	84	171942	3.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	6.690	67	62084	4.243	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.896	98	150441	3.875	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.179	79	22704	3.493	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.800%
46) 2-Hexanone-d5	8.632	63	141555	53.981	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.960%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	56433	4.817	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	62152	4.360	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	64799	4.873	ug/L	98
3) Chloromethane	1.520	50	64411	4.412	ug/L	99
5) Vinyl chloride	1.604	62	66761	5.098	ug/L	86
6) Bromomethane	1.858	94	25100	3.483	ug/L	97
8) Chloroethane	1.935	64	36154	4.769	ug/L	97
9) Trichlorofluoromethane	2.137	101	82658	5.439	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	46284	5.144	ug/L	98
12) 1,1-Dichloroethene	2.578	96	42776	4.884	ug/L	95
13) Acetone	2.649	43	102935	57.228	ug/L	99
14) Carbon disulfide	2.793	76	136311	4.711	ug/L	99
15) Methyl Acetate	2.957	43	26456	5.500	ug/L	98
16) Methylene chloride	3.044	84	72198	6.265	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	128851	4.864	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	47686	4.914	ug/L	97
19) 1,1-Dichloroethane	3.870	63	96294	5.032	ug/L	97
21) 2-Butanone	4.713	43	183524	53.509	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	54769	5.046	ug/L	95
23) Bromochloromethane	4.973	128	23839	5.131	ug/L	97
25) Chloroform	5.089	83	96524	5.025	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
 Data File : VU049338.D
 Acq On : 21 Jun 2022 19:53
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005123

Quant Time: Jun 22 01:51:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 22 01:47:02 2022
 Response via : Initial Calibration

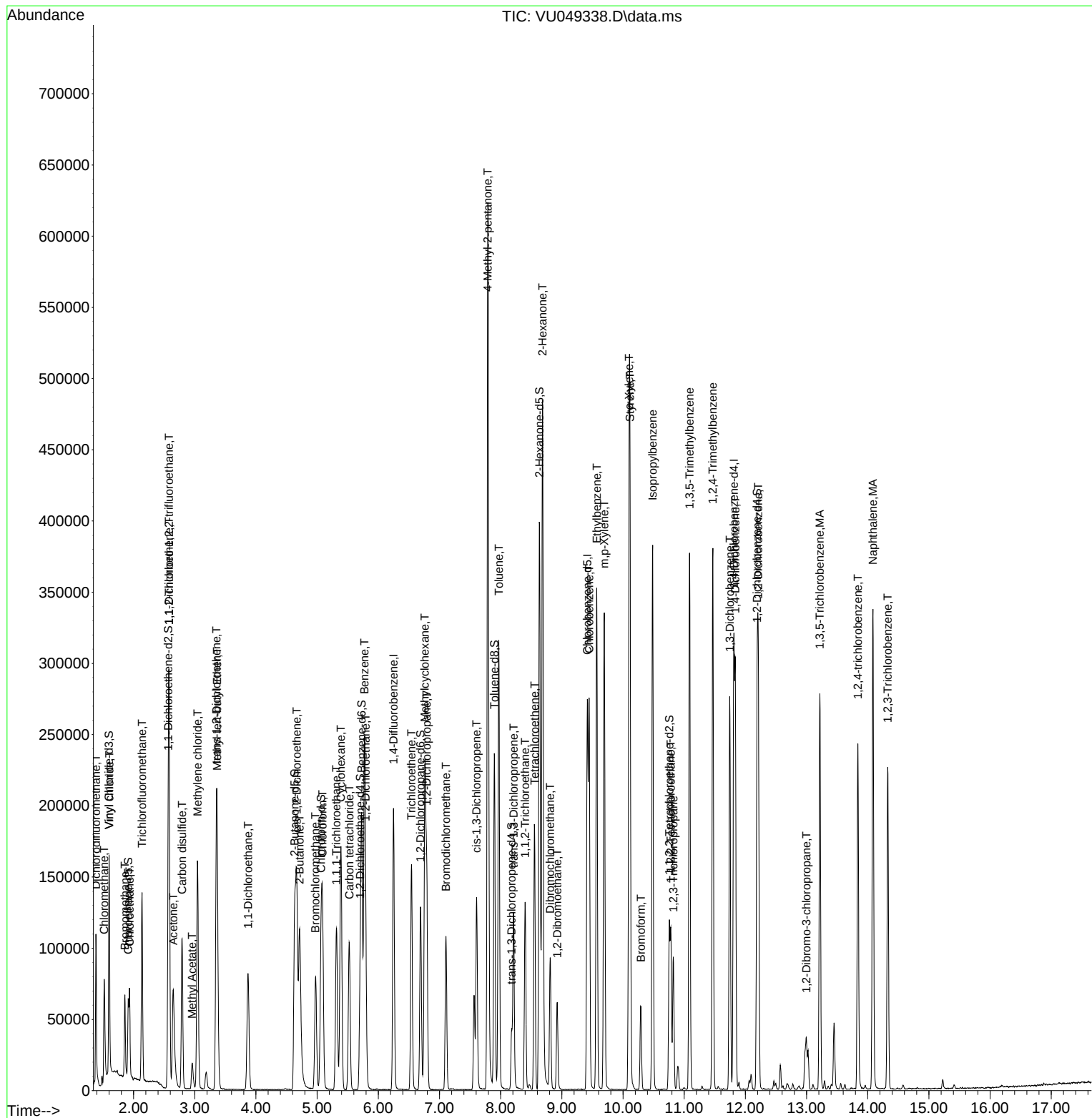
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	62868	4.970	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	82798	4.841	ug/L	99
30) Cyclohexane	5.388	56	90205	4.640	ug/L	96
31) Carbon tetrachloride	5.526	117	70810	4.945	ug/L	95
33) Benzene	5.774	78	212412	4.988	ug/L	100
34) Trichloroethene	6.542	95	54096	4.970	ug/L	98
35) Methylcyclohexane	6.761	83	87259	4.780	ug/L	99
37) 1,2-Dichloropropane	6.790	63	59270	5.065	ug/L	100
38) Bromodichloromethane	7.105	83	70779	4.949	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	78830	4.432	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	431697	49.660	ug/L	99
42) Toluene	7.970	91	225133	4.986	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	68003	4.402	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	40682	4.988	ug/L	97
47) Tetrachloroethene	8.555	164	38228	5.093	ug/L	96
48) 2-Hexanone	8.684	43	317576	51.182	ug/L	100
49) Dibromochloromethane	8.809	129	45654	4.906	ug/L	100
50) 1,2-Dibromoethane	8.925	107	38822	5.134	ug/L #	100
51) Chlorobenzene	9.446	112	138240	5.028	ug/L	99
52) Ethylbenzene	9.571	91	244946	4.967	ug/L	99
53) m,p-Xylene	9.693	106	93737	5.114	ug/L	99
54) o-Xylene	10.099	106	87892	4.837	ug/L	99
55) Styrene	10.115	104	150508	4.945	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	54649	5.062	ug/L	99
59) Bromoform	10.291	173	25971	4.654	ug/L	99
60) Isopropylbenzene	10.484	105	241431	4.771	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	38593	4.630	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	202448	4.533	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	208087	4.703	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	107490	4.963	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	107069	5.003	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	100333	4.869	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	9499	4.182	ug/L	91
69) 1,3,5-Trichlorobenzene	13.217	180	80557	4.961	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	68627	5.316	ug/L	100
71) Naphthalene	14.085	128	262386	10.228	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	64888	5.346	ug/L	98

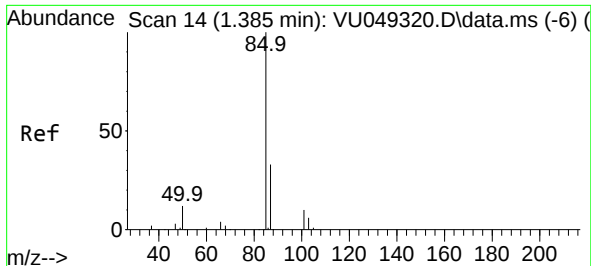
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
 Data File : VU049338.D
 Acq On : 21 Jun 2022 19:53
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005123

Quant Time: Jun 22 01:51:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 22 01:47:02 2022
 Response via : Initial Calibration

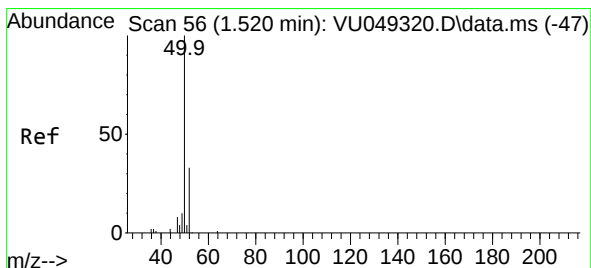
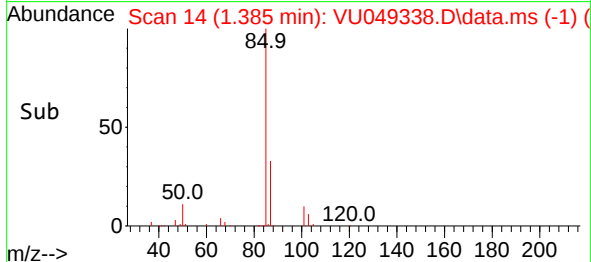
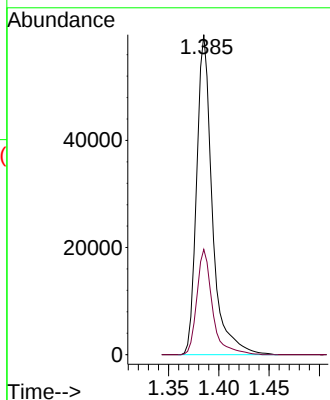
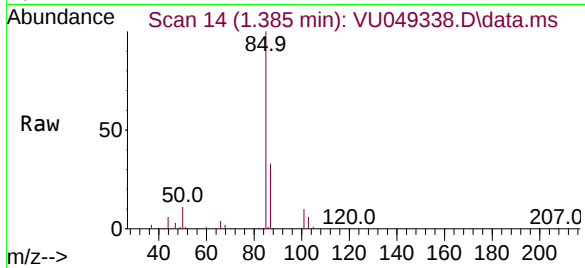




#2
Dichlorodifluoromethane
Concen: 4.873 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049338.D
Acq: 21 Jun 2022 19:53

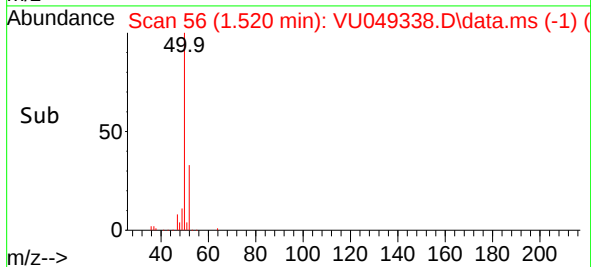
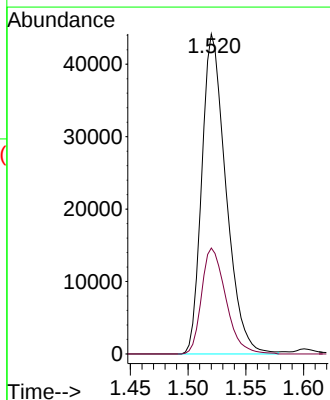
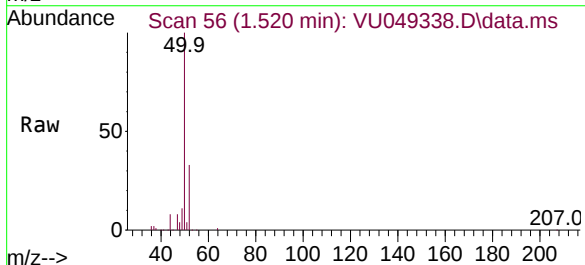
Instrument :
MSVOA_U
ClientSampleId :
VSTD005123

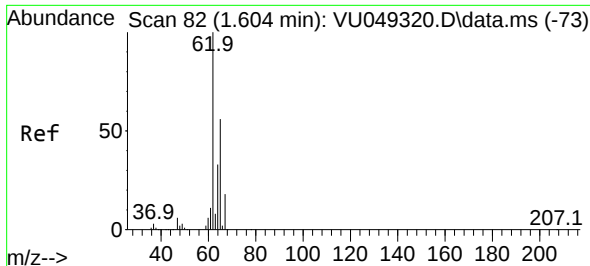
Tgt Ion: 85 Resp: 64799
Ion Ratio Lower Upper
85 100
87 32.7 25.5 38.3



#3
Chloromethane
Concen: 4.412 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU049338.D
Acq: 21 Jun 2022 19:53

Tgt Ion: 50 Resp: 64411
Ion Ratio Lower Upper
50 100
52 33.1 22.7 42.1

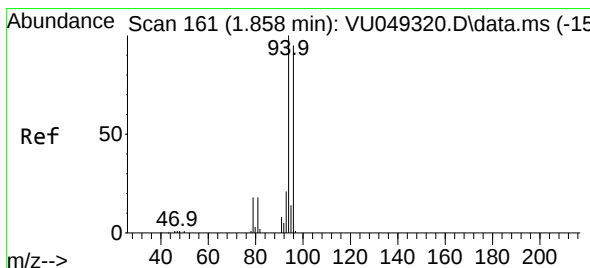
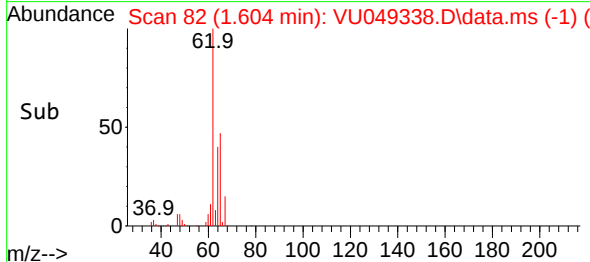
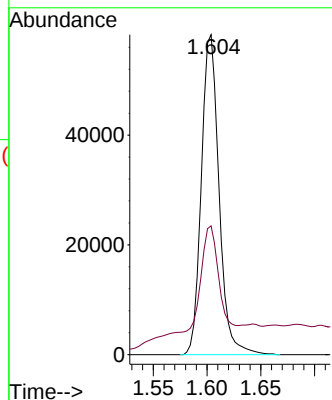
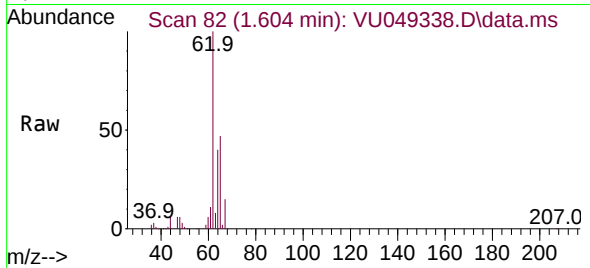




#5
 Vinyl chloride
 Concen: 5.098 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU049338.D
 Acq: 21 Jun 2022 19:53

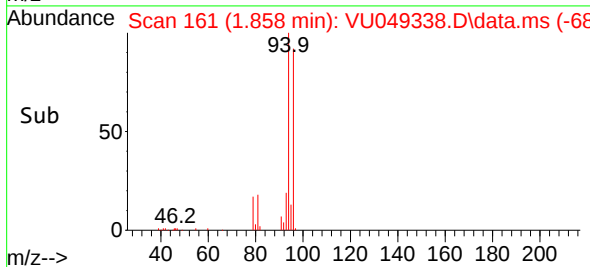
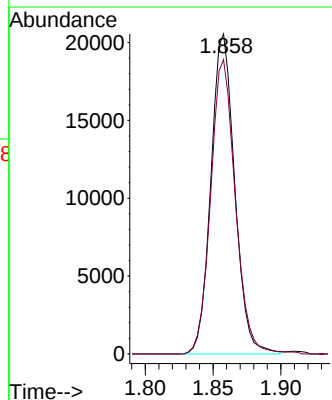
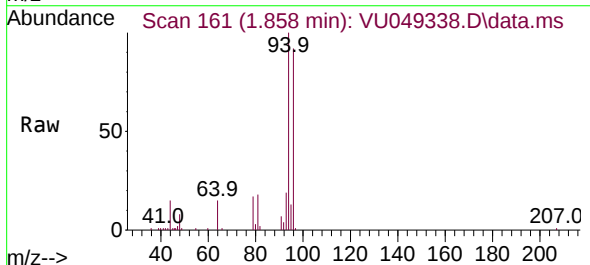
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005123

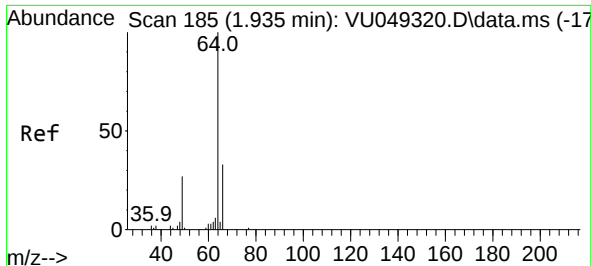
Tgt Ion: 62 Resp: 66761
 Ion Ratio Lower Upper
 62 100
 64 40.2 22.8 42.4



#6
 Bromomethane
 Concen: 3.483 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU049338.D
 Acq: 21 Jun 2022 19:53

Tgt Ion: 94 Resp: 25100
 Ion Ratio Lower Upper
 94 100
 96 91.9 66.4 123.4

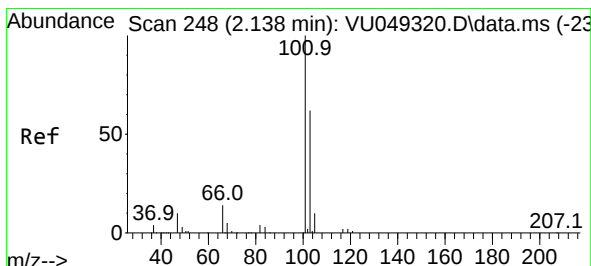
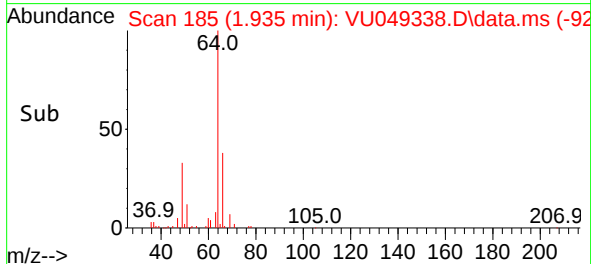
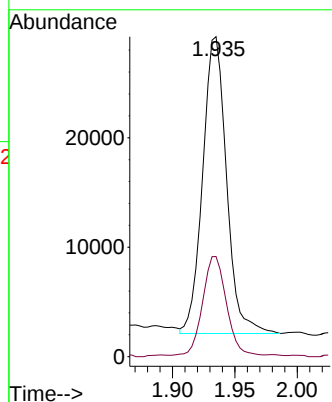
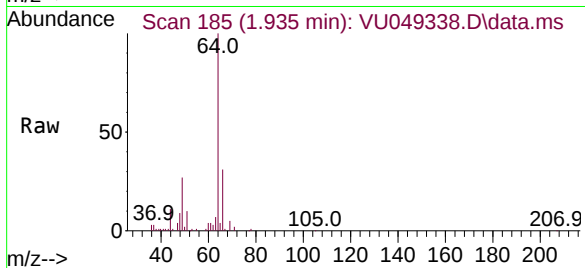




#8
Chloroethane
Concen: 4.769 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU049338.D
Acq: 21 Jun 2022 19:53

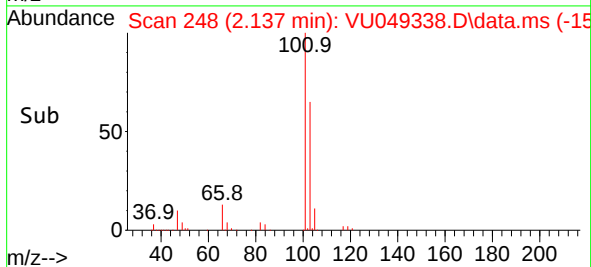
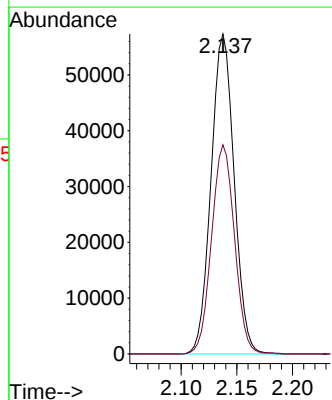
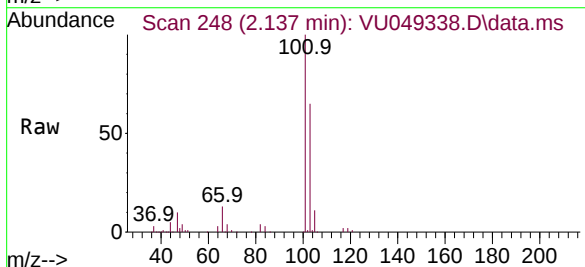
Instrument :
MSVOA_U
ClientSampleId :
VSTD005123

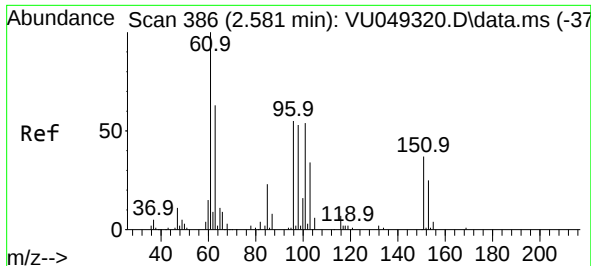
Tgt Ion: 64 Resp: 36154
Ion Ratio Lower Upper
64 100
66 31.3 20.9 38.9



#9
Trichlorofluoromethane
Concen: 5.439 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU049338.D
Acq: 21 Jun 2022 19:53

Tgt Ion: 101 Resp: 82658
Ion Ratio Lower Upper
101 100
103 65.1 53.5 80.3

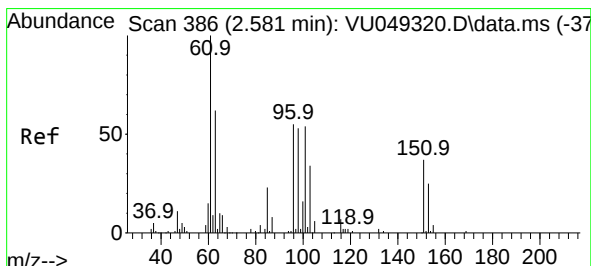
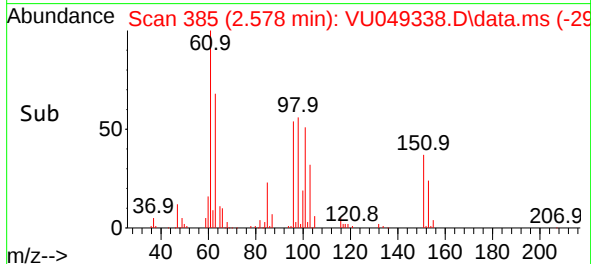
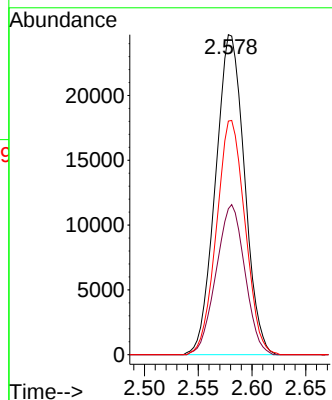
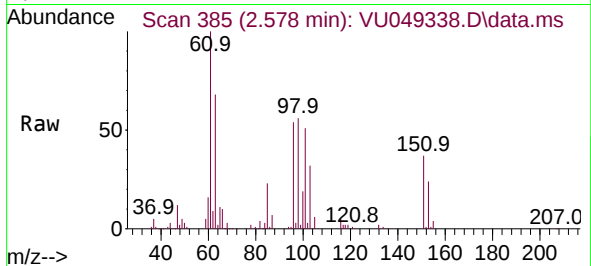




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.144 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU049338.D
 Acq: 21 Jun 2022 19:53

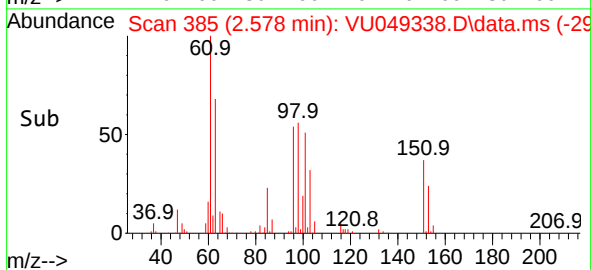
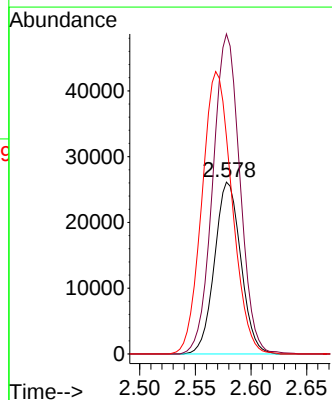
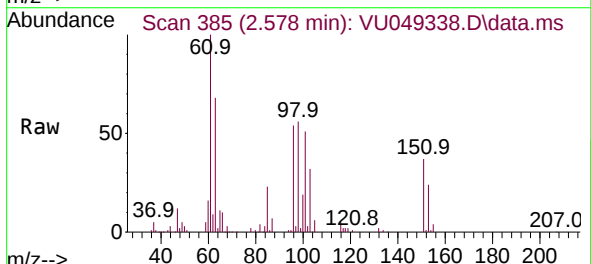
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005123

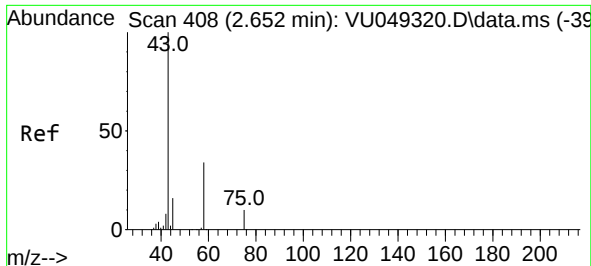
Tgt Ion:101 Resp: 46284
 Ion Ratio Lower Upper
 101 100
 85 46.5 36.1 54.1
 151 72.3 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 4.884 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU049338.D
 Acq: 21 Jun 2022 19:53

Tgt Ion: 96 Resp: 42776
 Ion Ratio Lower Upper
 96 100
 61 186.2 127.2 236.2
 63 126.5 94.7 175.9





#13

Acetone

Concen: 57.228 ug/L

RT: 2.649 min Scan# 407

Delta R.T. -0.003 min

Lab File: VU049338.D

Acq: 21 Jun 2022 19:53

Instrument :

MSVOA_U

ClientSampleId :

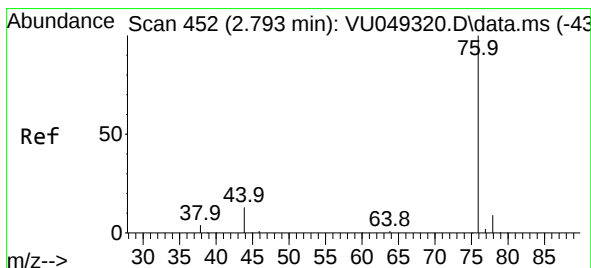
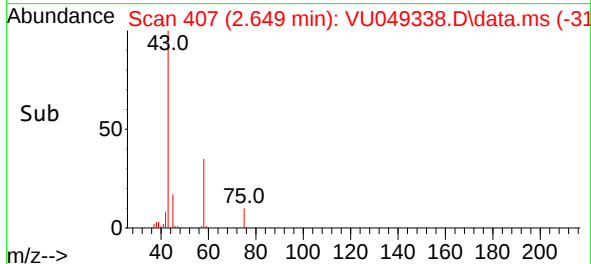
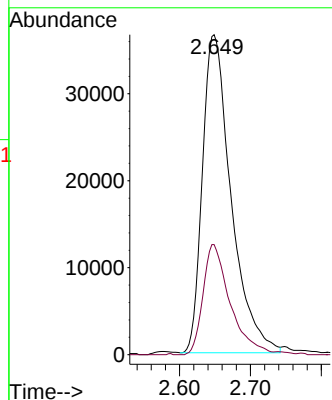
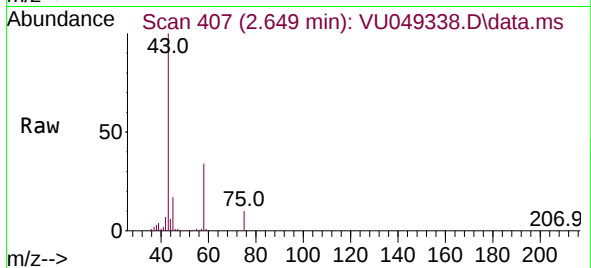
VSTD005123

Tgt Ion: 43 Resp: 102935

Ion Ratio Lower Upper

43 100

58 32.6 0.0 65.8



#14

Carbon disulfide

Concen: 4.711 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU049338.D

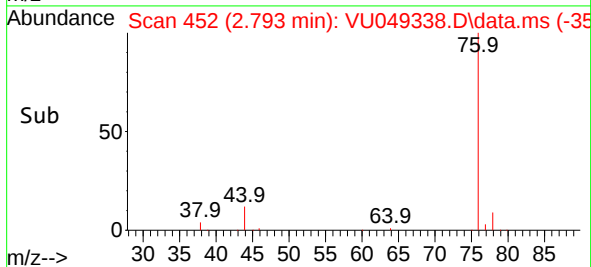
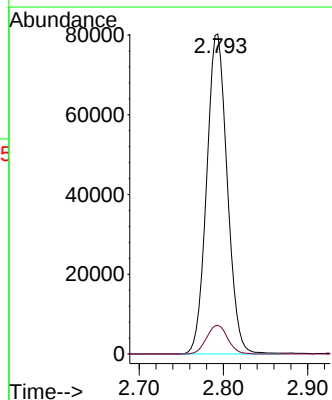
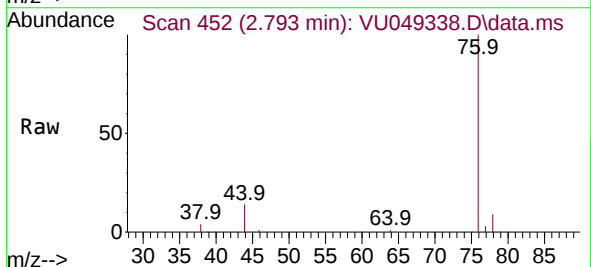
Acq: 21 Jun 2022 19:53

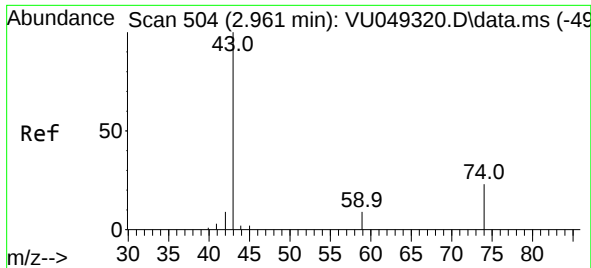
Tgt Ion: 76 Resp: 136311

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

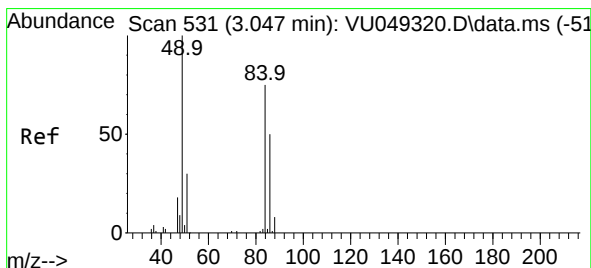
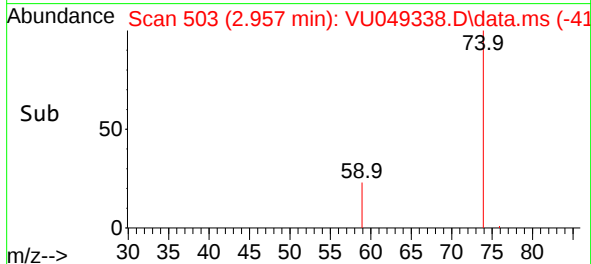
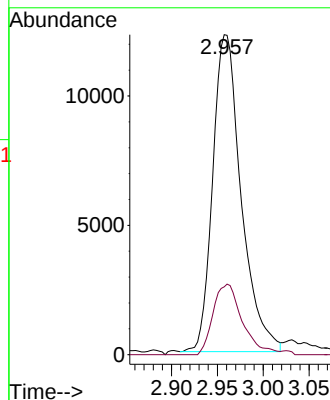
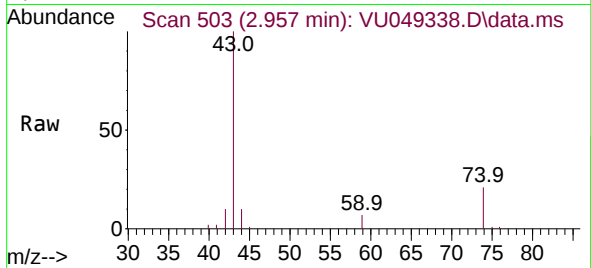




#15
Methyl Acetate
Concen: 5.500 ug/L
RT: 2.957 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU049338.D
Acq: 21 Jun 2022 19:53

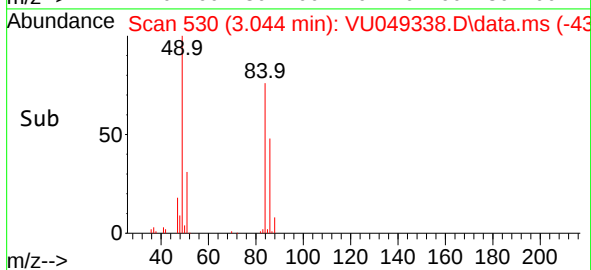
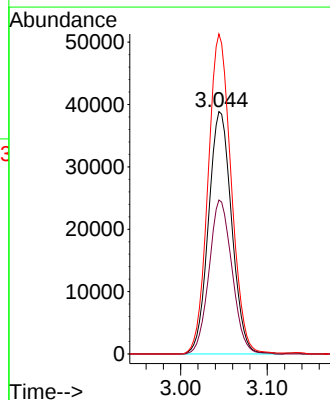
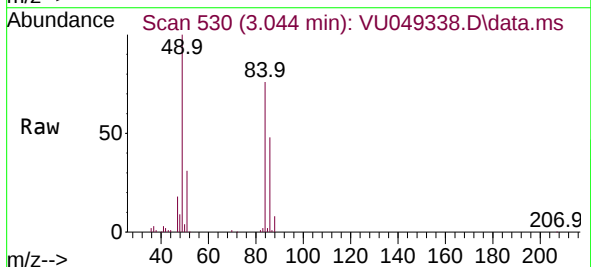
Instrument :
MSVOA_U
ClientSampleId :
VSTD005123

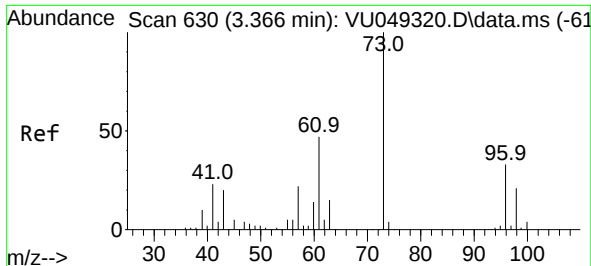
Tgt Ion: 43 Resp: 26456
Ion Ratio Lower Upper
43 100
74 22.9 17.6 26.4



#16
Methylene chloride
Concen: 6.265 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU049338.D
Acq: 21 Jun 2022 19:53

Tgt Ion: 84 Resp: 72198
Ion Ratio Lower Upper
84 100
86 63.5 43.6 81.0
49 132.1 90.2 167.6

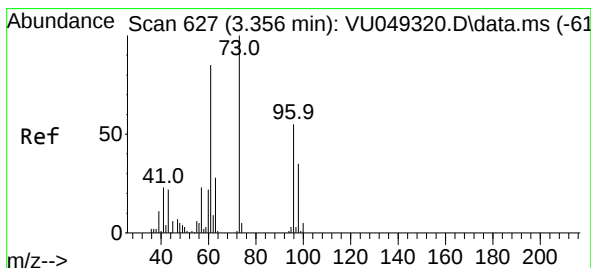
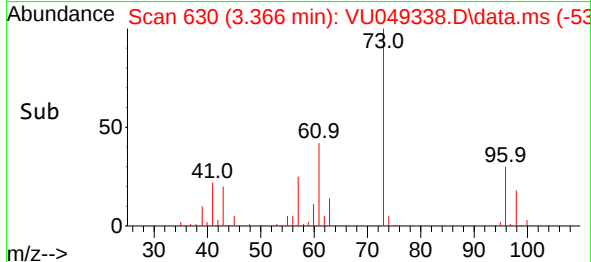
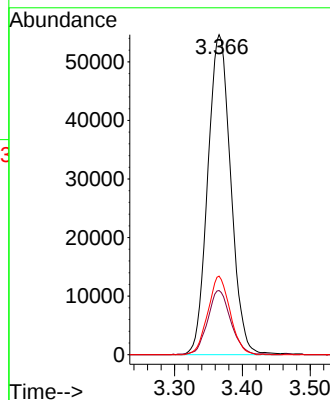
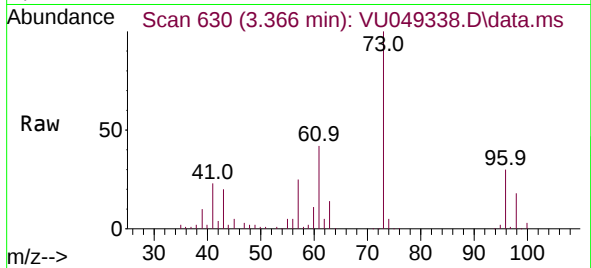




#17
Methyl tert-butyl Ether
Concen: 4.864 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU049338.D
Acq: 21 Jun 2022 19:53

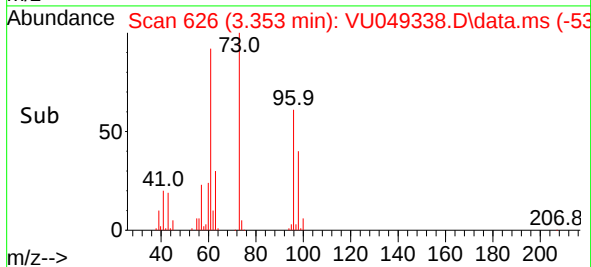
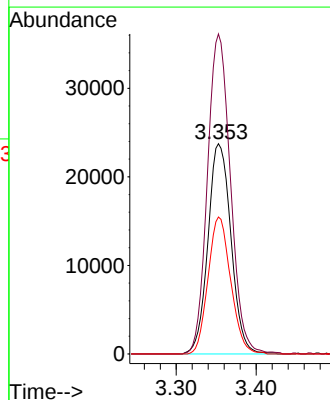
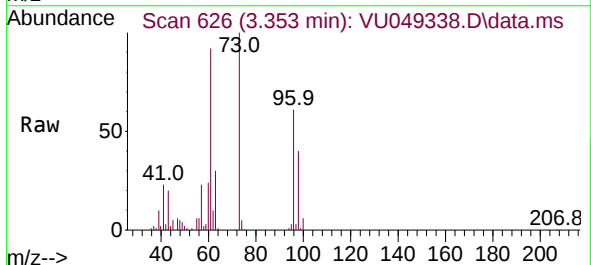
Instrument :
MSVOA_U
ClientSampleId :
VSTD005123

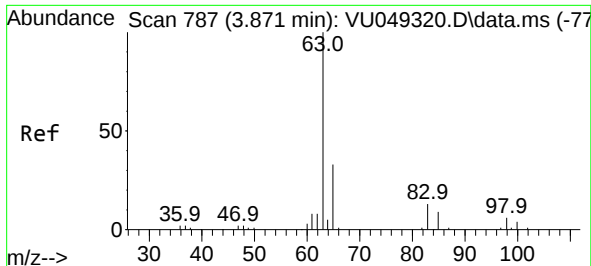
Tgt Ion: 73 Resp: 128851
Ion Ratio Lower Upper
73 100
43 20.2 16.5 24.7
57 23.7 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 4.914 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.003 min
Lab File: VU049338.D
Acq: 21 Jun 2022 19:53

Tgt Ion: 96 Resp: 47686
Ion Ratio Lower Upper
96 100
61 152.2 103.3 191.9
98 65.2 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.032 ug/L

RT: 3.870 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU049338.D

Acq: 21 Jun 2022 19:53

Instrument :

MSVOA_U

ClientSampleId :

VSTD005123

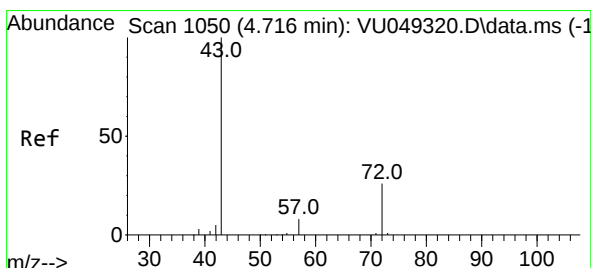
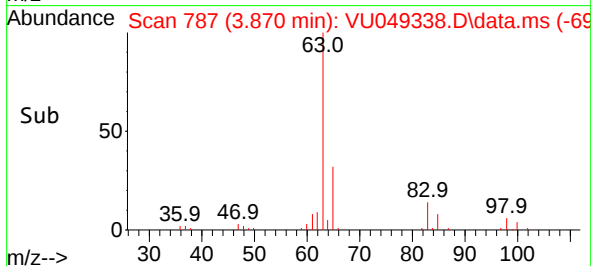
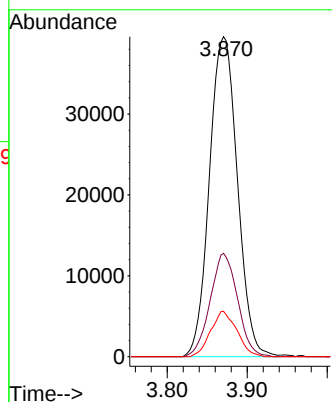
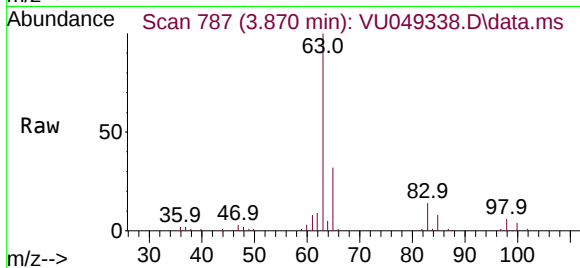
Tgt Ion: 63 Resp: 96294

Ion Ratio Lower Upper

63 100

65 32.3 24.0 44.6

83 14.2 9.1 16.9



#21

2-Butanone

Concen: 53.509 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. -0.003 min

Lab File: VU049338.D

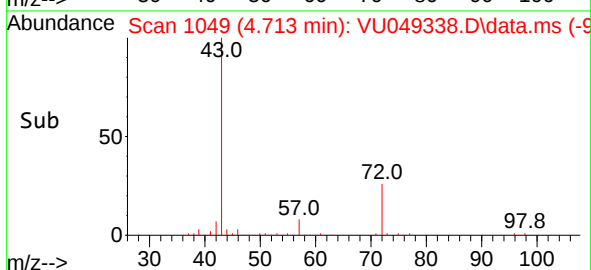
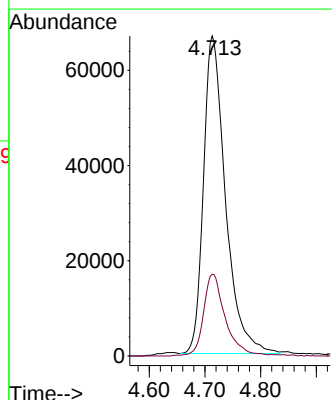
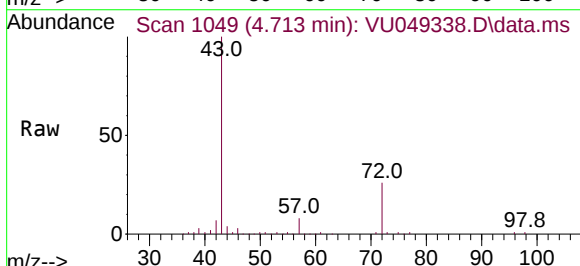
Acq: 21 Jun 2022 19:53

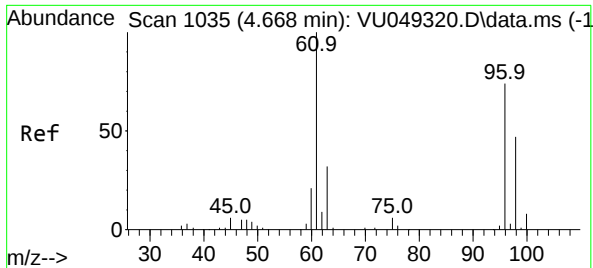
Tgt Ion: 43 Resp: 183524

Ion Ratio Lower Upper

43 100

72 25.4 12.2 36.6

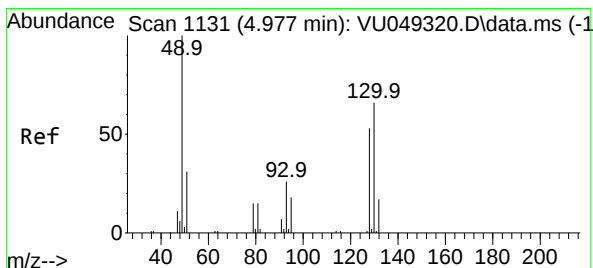
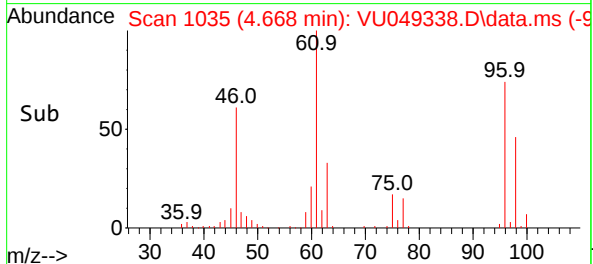
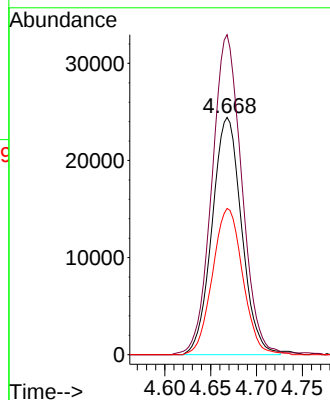
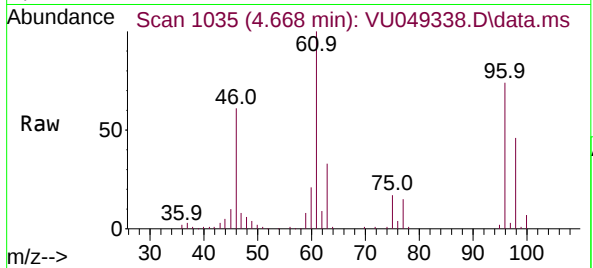




#22
 cis-1,2-Dichloroethene
 Concen: 5.046 ug/L
 RT: 4.668 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VU049338.D
 Acq: 21 Jun 2022 19:53

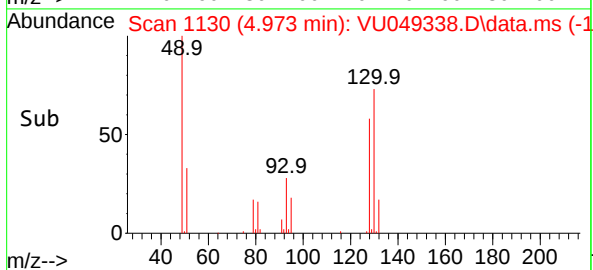
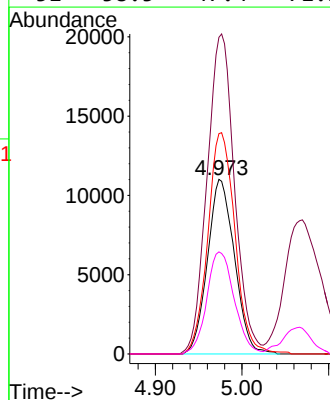
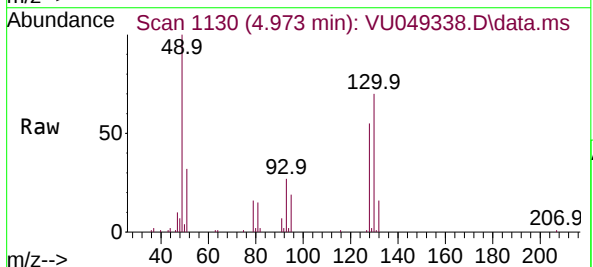
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005123

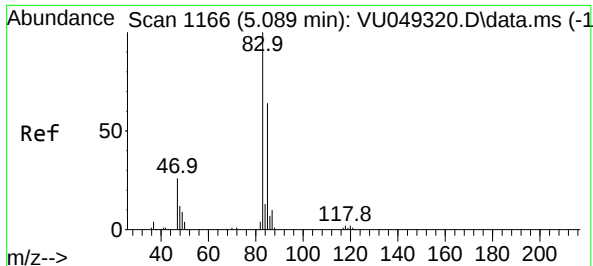
Tgt Ion: 96 Resp: 54769
 Ion Ratio Lower Upper
 96 100
 61 134.9 99.5 184.9
 98 61.6 44.8 83.2



#23
 Bromochloromethane
 Concen: 5.131 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.003 min
 Lab File: VU049338.D
 Acq: 21 Jun 2022 19:53

Tgt Ion: 128 Resp: 23839
 Ion Ratio Lower Upper
 128 100
 49 181.5 131.6 244.4
 130 126.2 86.9 161.5
 51 58.5 47.4 71.2





#25

Chloroform

Concen: 5.025 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU049338.D

Acq: 21 Jun 2022 19:53

Instrument :

MSVOA_U

ClientSampleId :

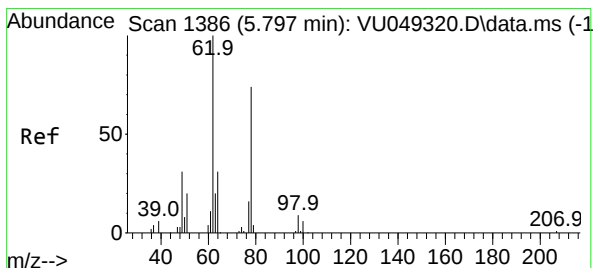
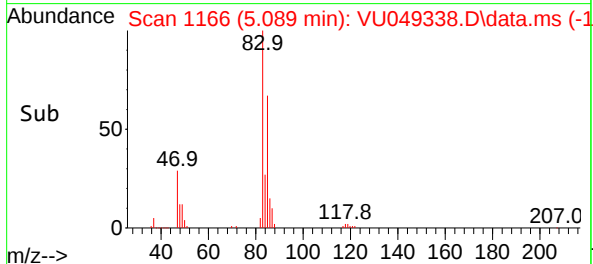
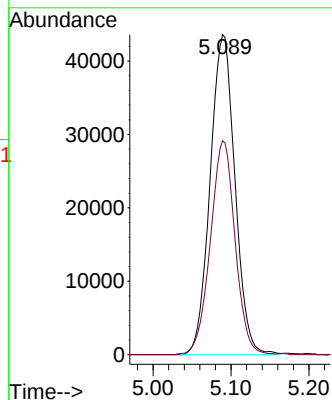
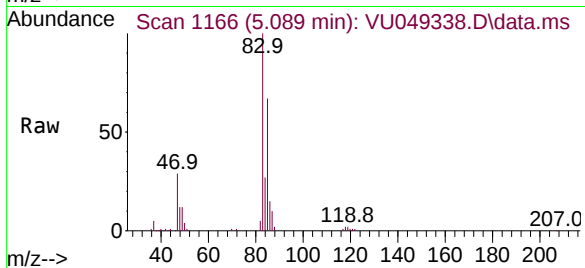
VSTD005123

Tgt Ion: 83 Resp: 96524

Ion Ratio Lower Upper

83 100

85 66.9 45.8 85.2



#27

1,2-Dichloroethane

Concen: 4.970 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU049338.D

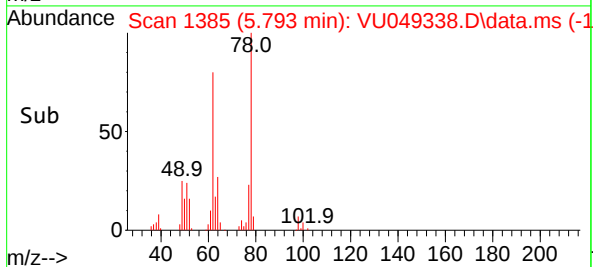
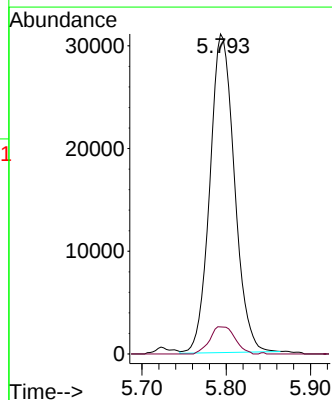
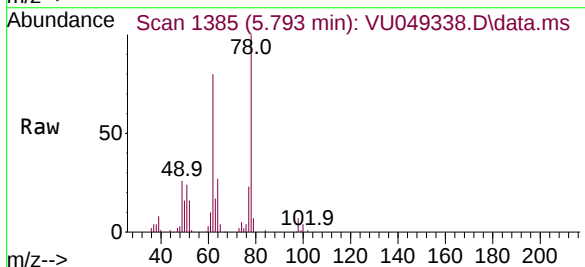
Acq: 21 Jun 2022 19:53

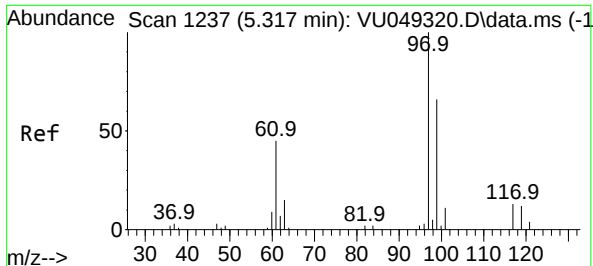
Tgt Ion: 62 Resp: 62868

Ion Ratio Lower Upper

62 100

98 8.5 7.6 11.4





#29

1,1,1-Trichloroethane

Concen: 4.841 ug/L

RT: 5.314 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU049338.D

Acq: 21 Jun 2022 19:53

Instrument :

MSVOA_U

ClientSampleId :

VSTD005123

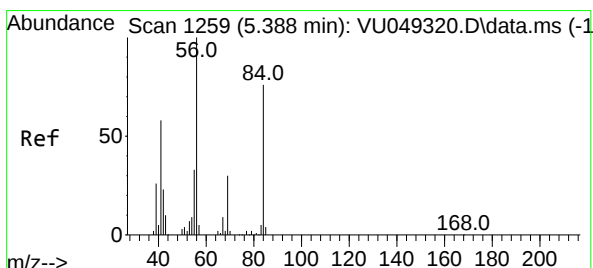
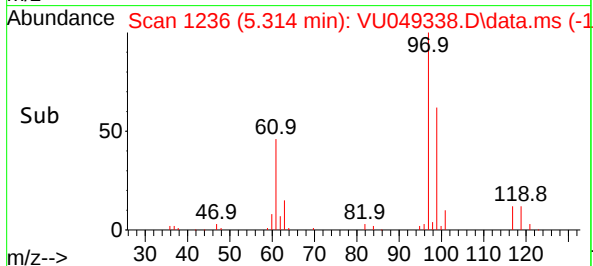
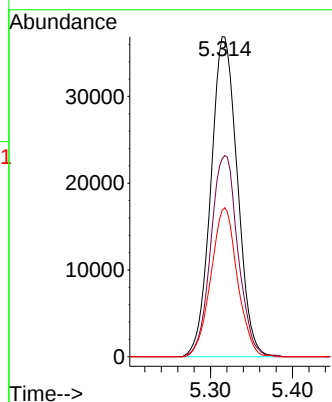
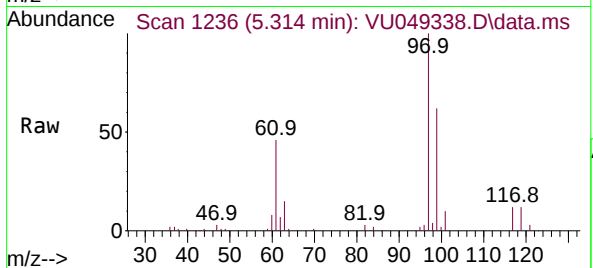
Tgt Ion: 97 Resp: 82798

Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.4

61 46.5 36.2 54.4



#30

Cyclohexane

Concen: 4.640 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU049338.D

Acq: 21 Jun 2022 19:53

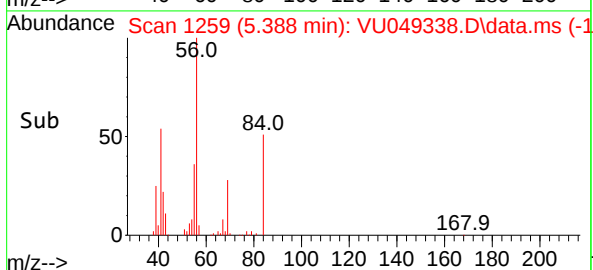
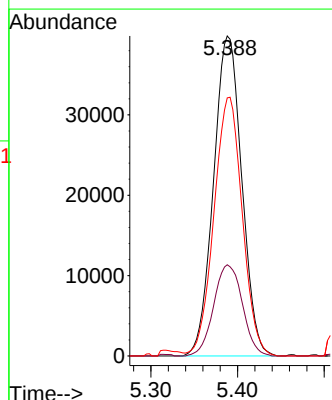
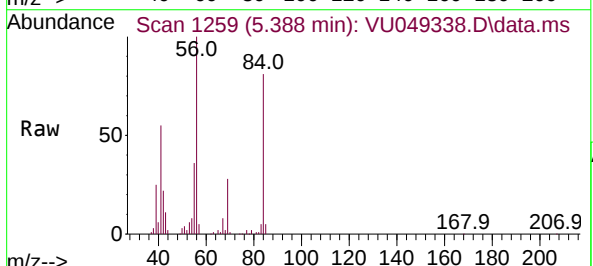
Tgt Ion: 56 Resp: 90205

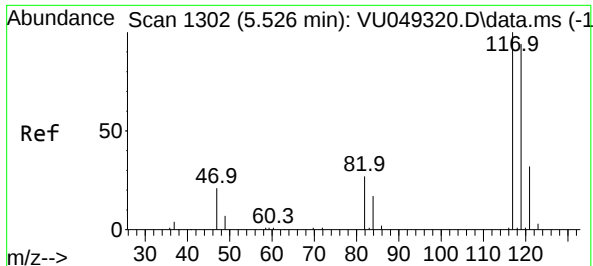
Ion Ratio Lower Upper

56 100

69 29.0 23.8 35.6

84 81.1 61.2 91.8

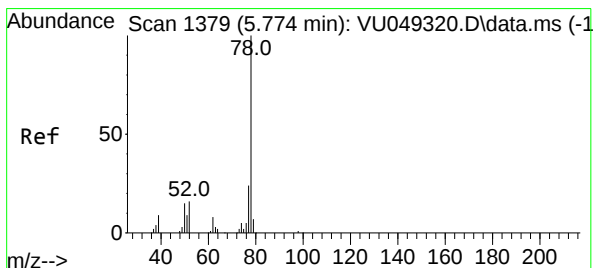
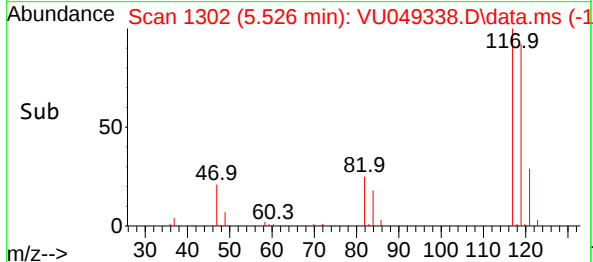
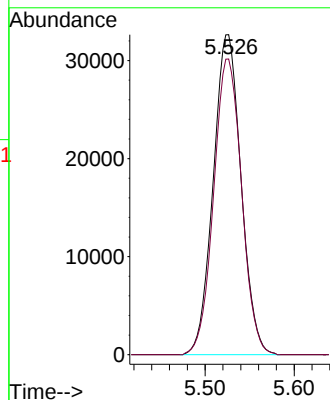
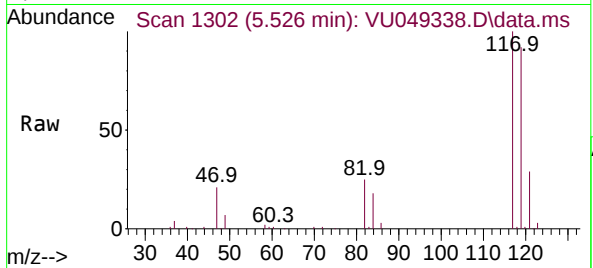




#31
Carbon tetrachloride
Concen: 4.945 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU049338.D
Acq: 21 Jun 2022 19:53

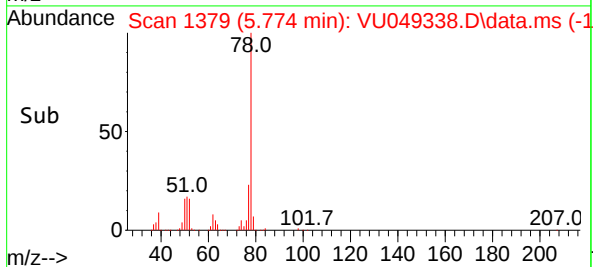
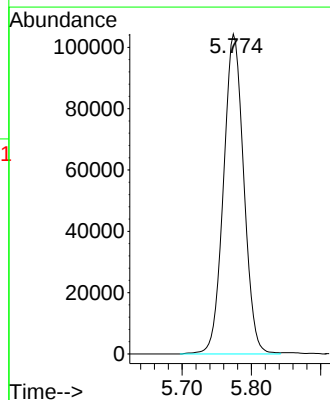
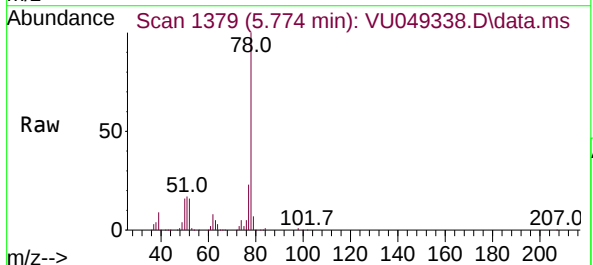
Instrument :
MSVOA_U
ClientSampleId :
VSTD005123

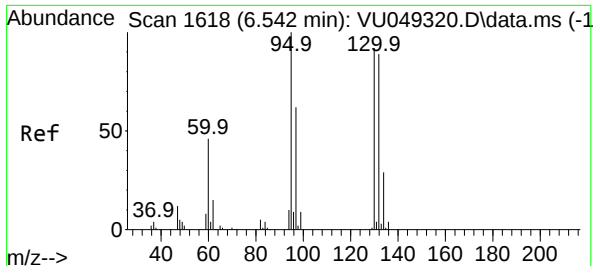
Tgt Ion:117 Resp: 70810
Ion Ratio Lower Upper
117 100
119 92.9 78.3 117.5



#33
Benzene
Concen: 4.988 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU049338.D
Acq: 21 Jun 2022 19:53

Tgt Ion: 78 Resp: 212412

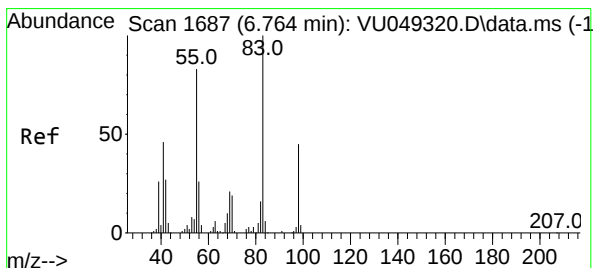
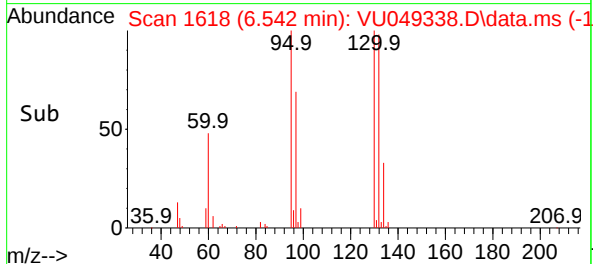
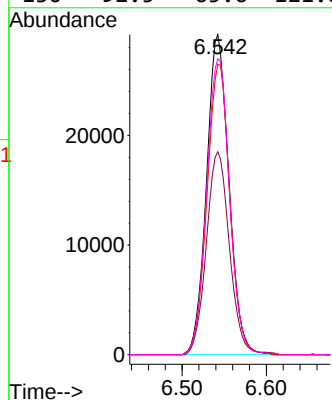
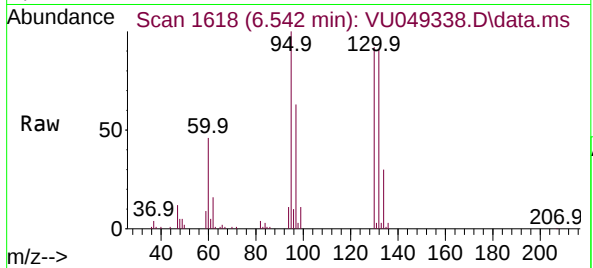




#34
Trichloroethene
Concen: 4.970 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU049338.D
Acq: 21 Jun 2022 19:53

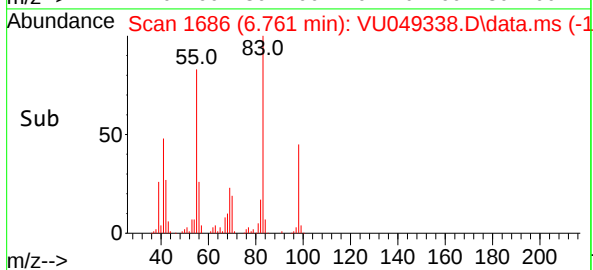
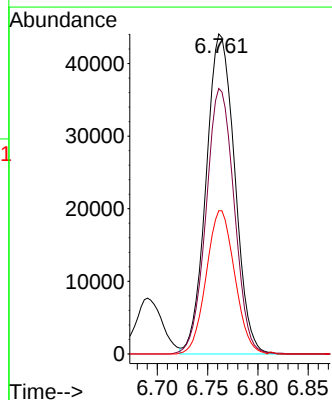
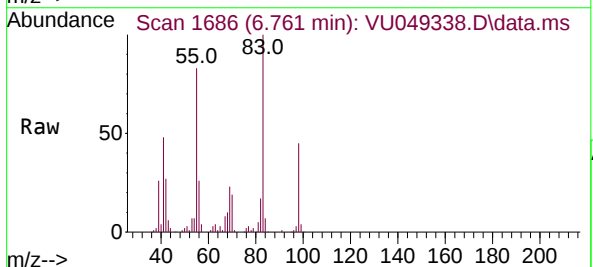
Instrument :
MSVOA_U
ClientSampleId :
VSTD005123

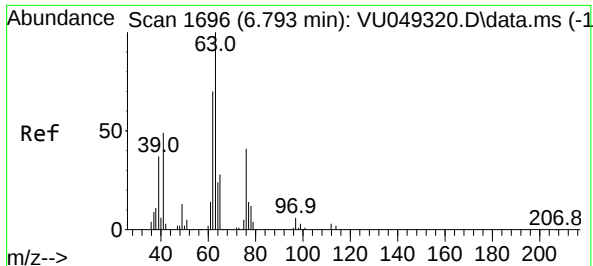
Tgt Ion:	95	Resp:	54096
Ion	Ratio	Lower	Upper
95	100		
97	63.4	45.3	84.1
132	90.7	61.5	114.3
130	92.5	65.6	121.8



#35
Methylcyclohexane
Concen: 4.780 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU049338.D
Acq: 21 Jun 2022 19:53

Tgt Ion:	83	Resp:	87259
Ion	Ratio	Lower	Upper
83	100		
55	81.8	66.9	100.3
98	44.5	35.5	53.3





#37

1,2-Dichloropropane

Concen: 5.065 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU049338.D

Acq: 21 Jun 2022 19:53

Instrument :

MSVOA_U

ClientSampleId :

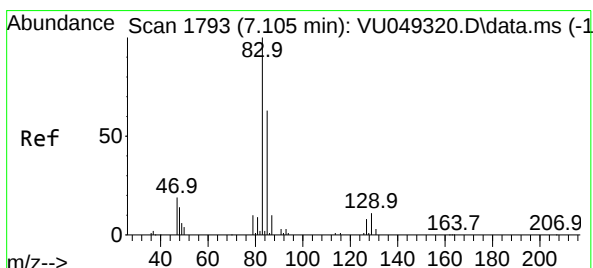
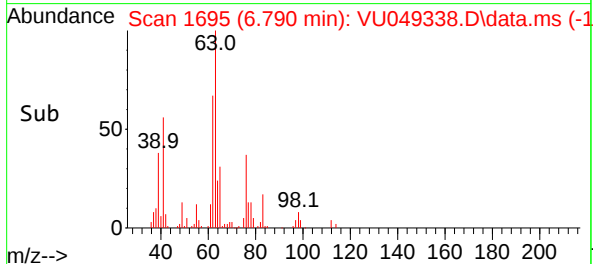
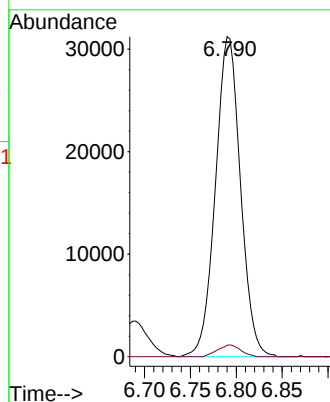
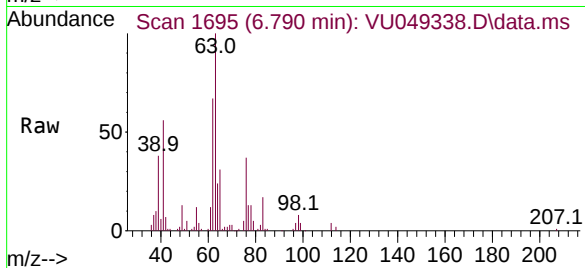
VSTD005123

Tgt Ion: 63 Resp: 59270

Ion Ratio Lower Upper

63 100

112 3.4 2.8 4.2



#38

Bromodichloromethane

Concen: 4.949 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU049338.D

Acq: 21 Jun 2022 19:53

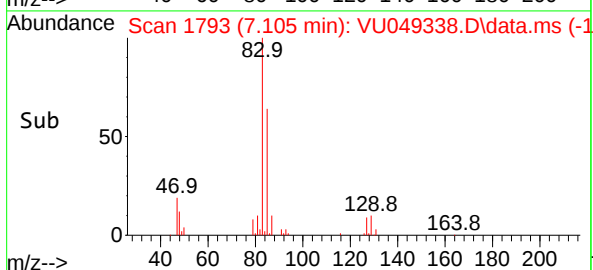
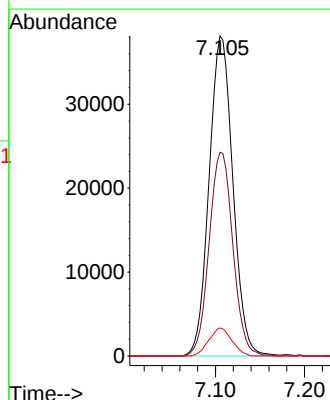
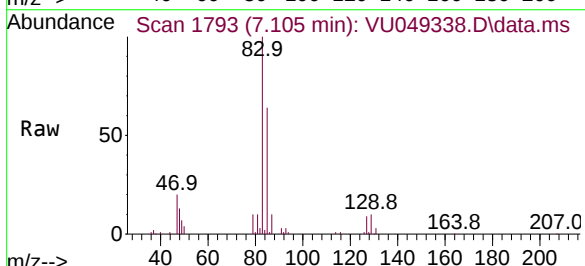
Tgt Ion: 83 Resp: 70779

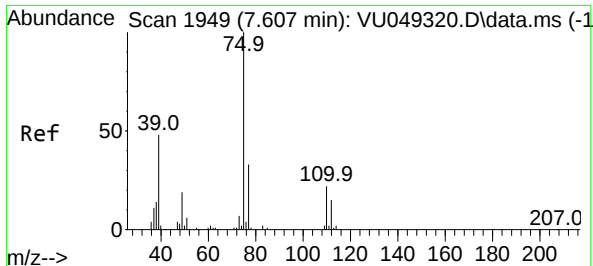
Ion Ratio Lower Upper

83 100

85 63.7 45.5 84.5

127 8.8 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 4.432 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU049338.D

Acq: 21 Jun 2022 19:53

Instrument :

MSVOA_U

ClientSampleId :

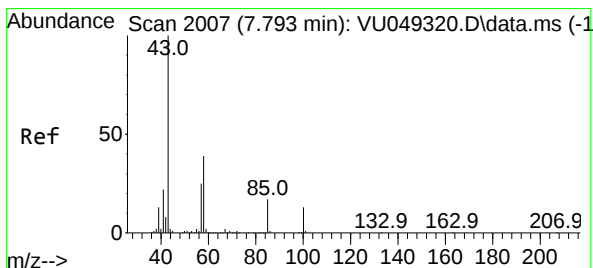
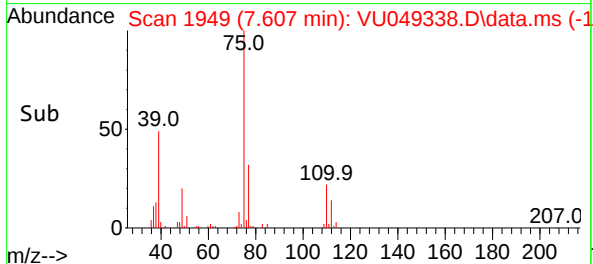
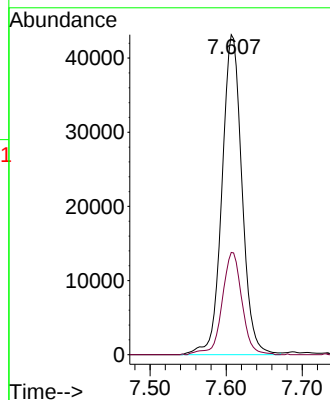
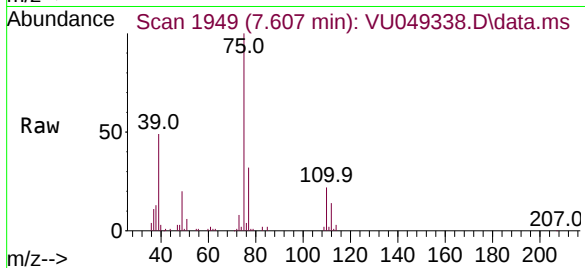
VSTD005123

Tgt Ion: 75 Resp: 78830

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 49.660 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.003 min

Lab File: VU049338.D

Acq: 21 Jun 2022 19:53

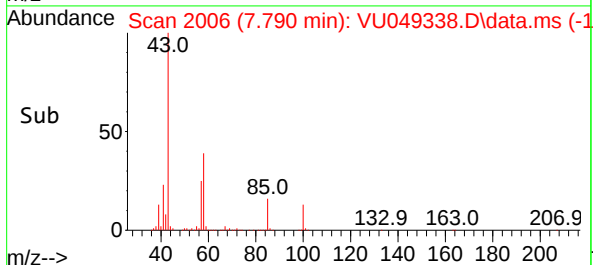
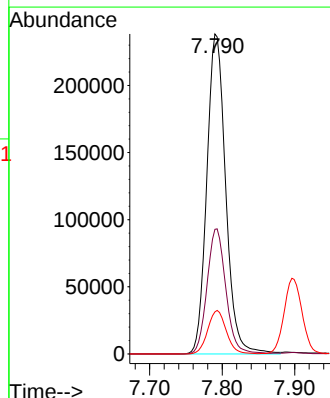
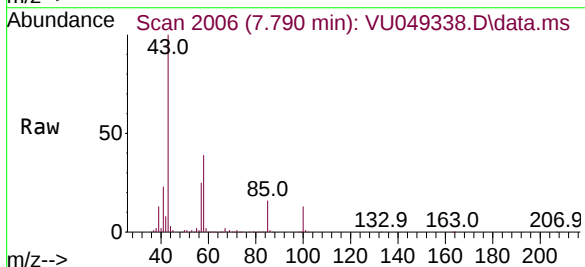
Tgt Ion: 43 Resp: 431697

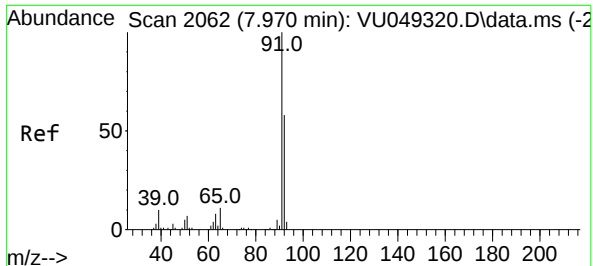
Ion Ratio Lower Upper

43 100

58 39.0 31.4 47.2

100 13.4 10.5 15.7

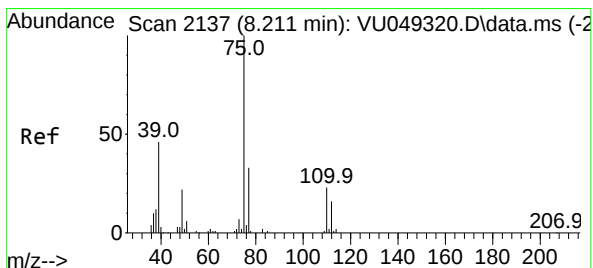
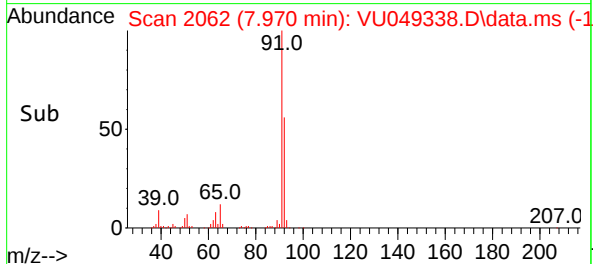
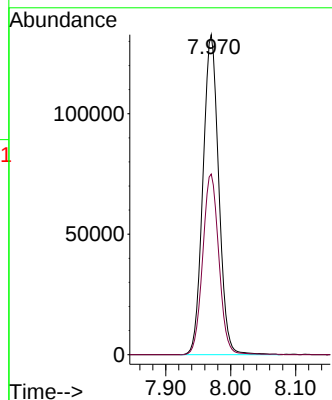
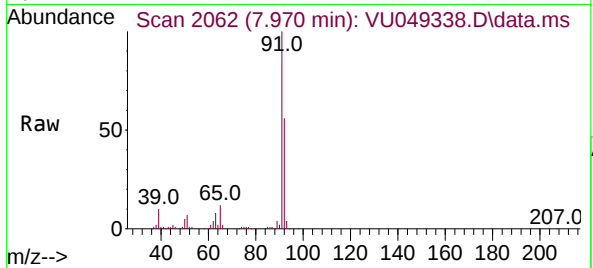




#42
Toluene
Concen: 4.986 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU049338.D
Acq: 21 Jun 2022 19:53

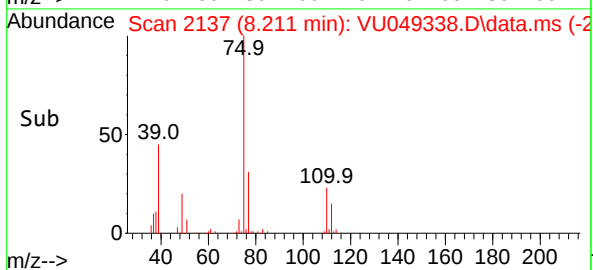
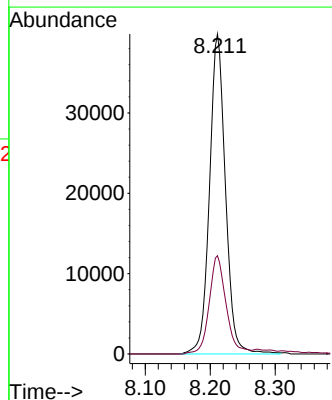
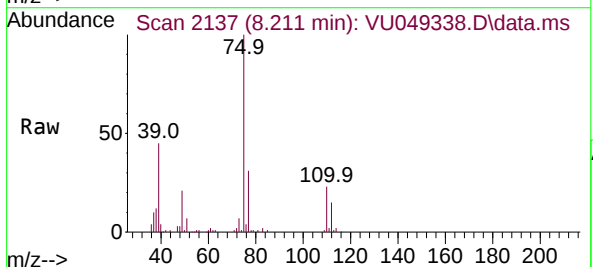
Instrument :
MSVOA_U
ClientSampleId :
VSTD005123

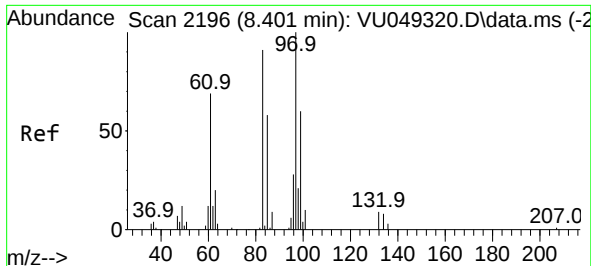
Tgt Ion: 91 Resp: 225133
Ion Ratio Lower Upper
91 100
92 56.4 40.0 74.2



#44
trans-1,3-Dichloropropene
Concen: 4.402 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU049338.D
Acq: 21 Jun 2022 19:53

Tgt Ion: 75 Resp: 68003
Ion Ratio Lower Upper
75 100
77 30.7 21.1 39.3

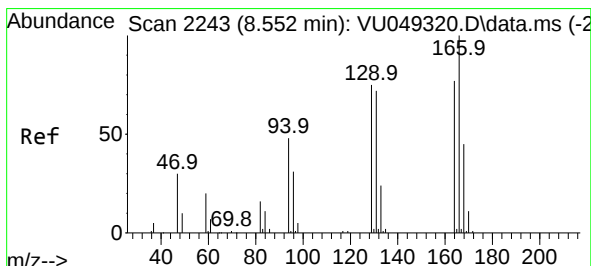
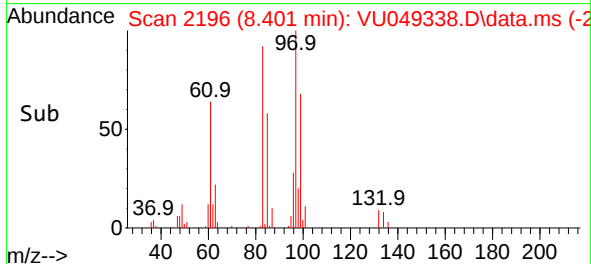
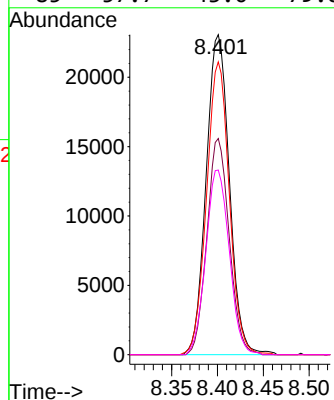
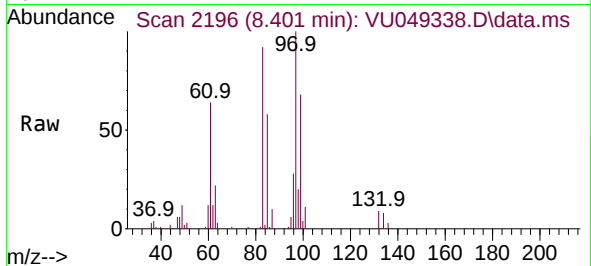




#45
1,1,2-Trichloroethane
Concen: 4.988 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU049338.D
Acq: 21 Jun 2022 19:53

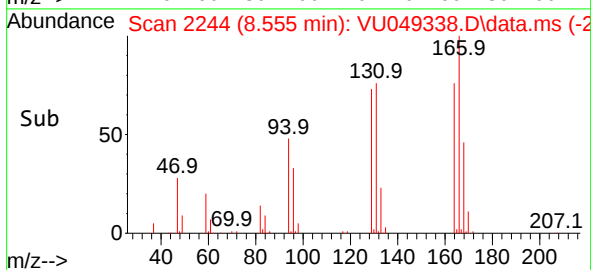
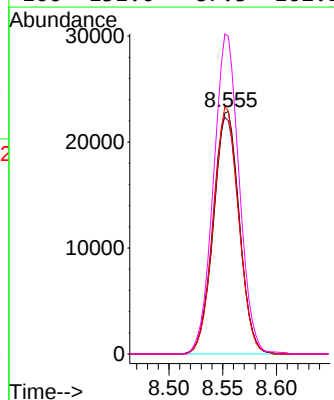
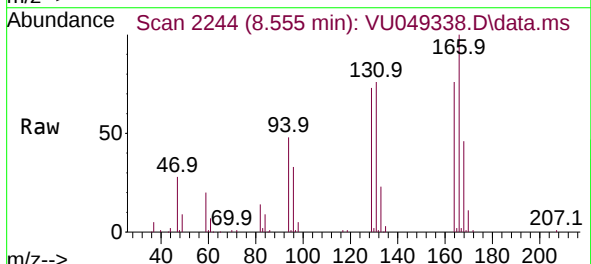
Instrument :
MSVOA_U
ClientSampleId :
VSTD005123

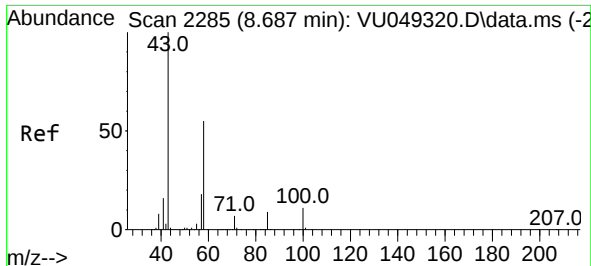
Tgt Ion:	97	Resp:	40682
Ion	Ratio	Lower	Upper
97	100		
99	67.6	45.6	84.8
83	91.5	65.4	121.4
85	57.7	43.0	79.8



#47
Tetrachloroethene
Concen: 5.093 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU049338.D
Acq: 21 Jun 2022 19:53

Tgt Ion:	164	Resp:	38228
Ion	Ratio	Lower	Upper
164	100		
129	96.2	69.8	129.6
131	100.2	67.8	125.8
166	131.0	87.3	162.1

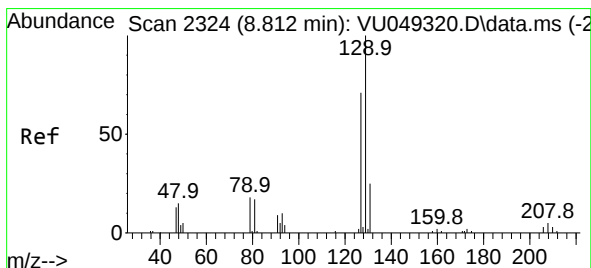
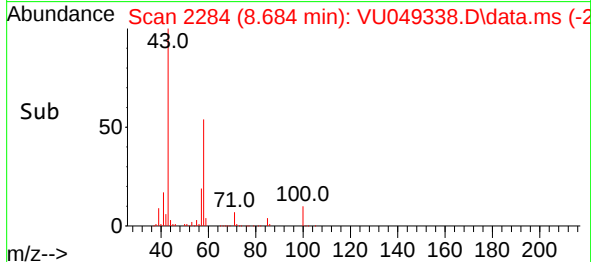
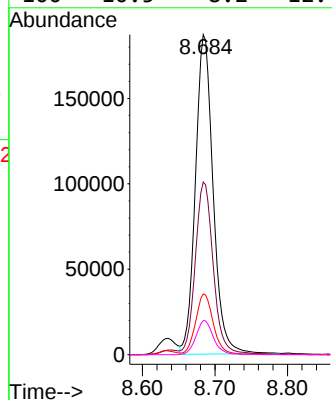
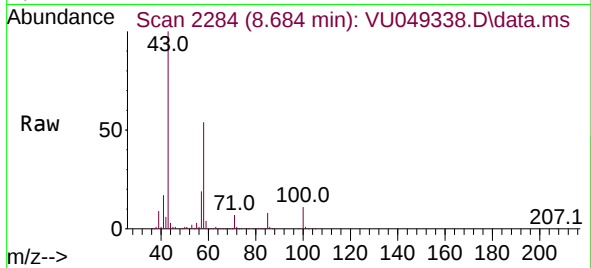




#48
2-Hexanone
Concen: 51.182 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049338.D
Acq: 21 Jun 2022 19:53

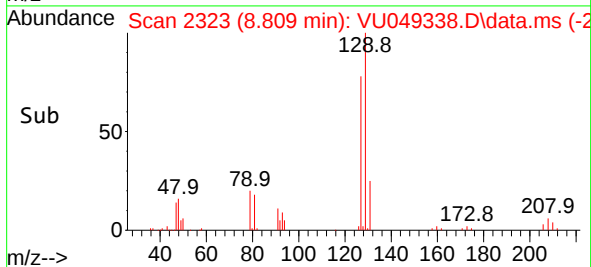
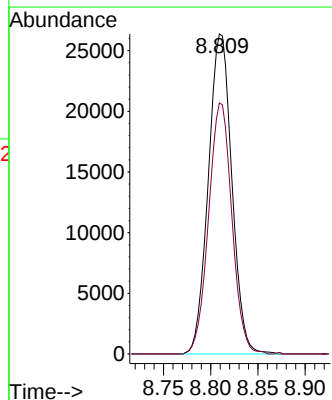
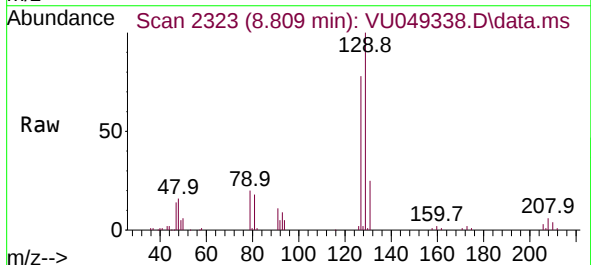
Instrument :
MSVOA_U
ClientSampleId :
VSTD005123

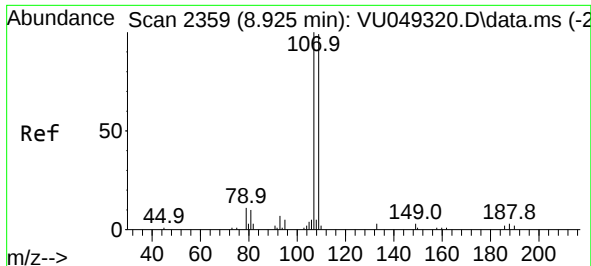
Tgt Ion: 43 Resp: 317576
Ion Ratio Lower Upper
43 100
58 54.1 43.4 65.0
57 18.6 14.9 22.3
100 10.5 8.2 12.4



#49
Dibromochloromethane
Concen: 4.906 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU049338.D
Acq: 21 Jun 2022 19:53

Tgt Ion: 129 Resp: 45654
Ion Ratio Lower Upper
129 100
127 78.4 54.9 101.9





#50

1,2-Dibromoethane

Concen: 5.134 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU049338.D

Acq: 21 Jun 2022 19:53

Instrument :

MSVOA_U

ClientSampleId :

VSTD005123

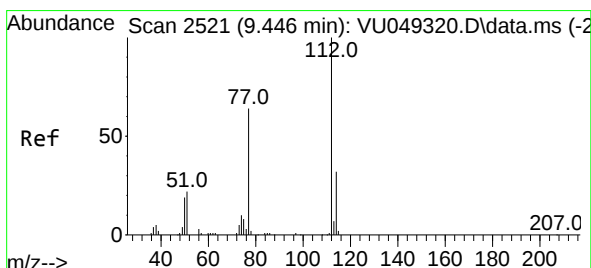
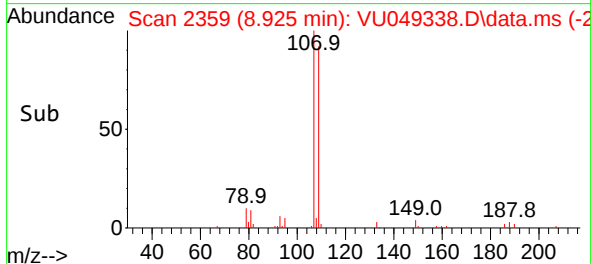
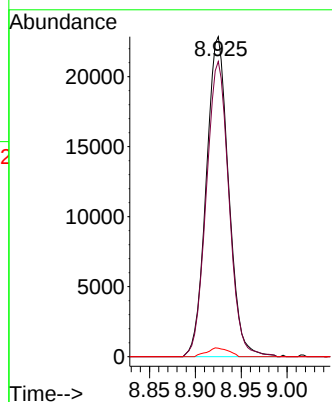
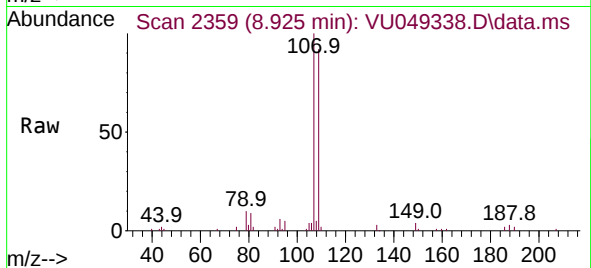
Tgt Ion:107 Resp: 38822

Ion Ratio Lower Upper

107 100

109 92.2 64.4 119.6

188 2.6 2.9 4.3#



#51

Chlorobenzene

Concen: 5.028 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU049338.D

Acq: 21 Jun 2022 19:53

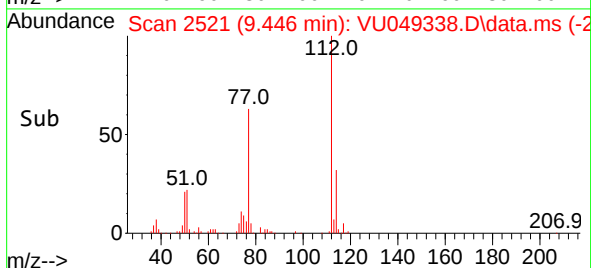
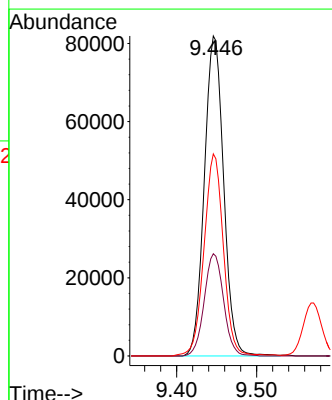
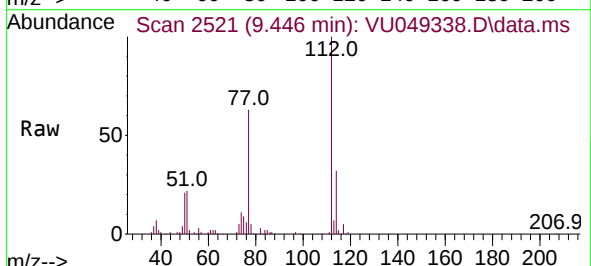
Tgt Ion:112 Resp: 138240

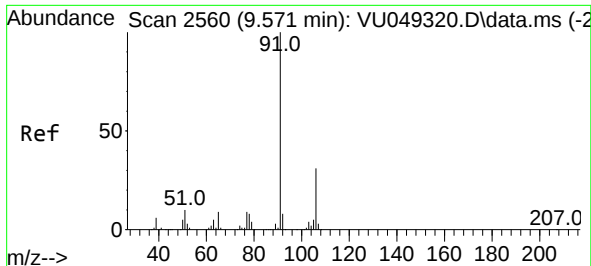
Ion Ratio Lower Upper

112 100

114 31.9 22.3 41.3

77 63.1 51.0 76.6

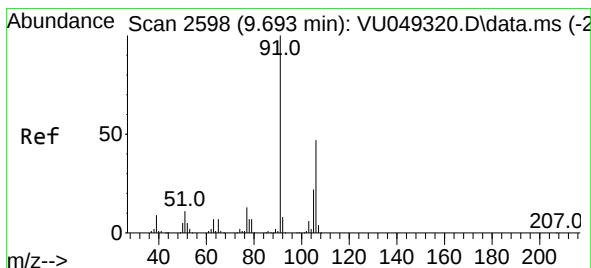
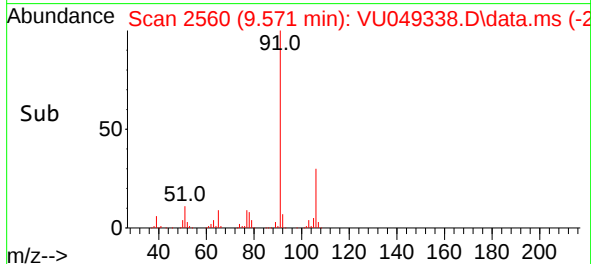
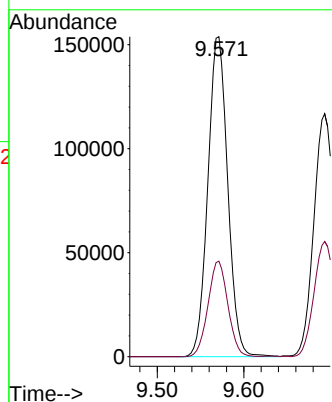
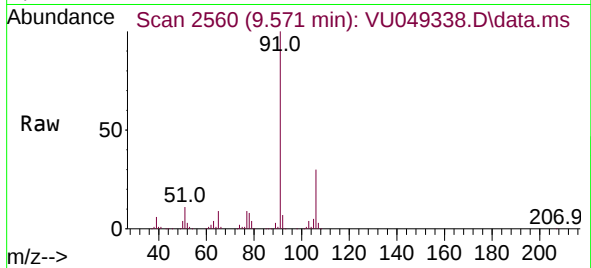




#52
Ethylbenzene
Concen: 4.967 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU049338.D
Acq: 21 Jun 2022 19:53

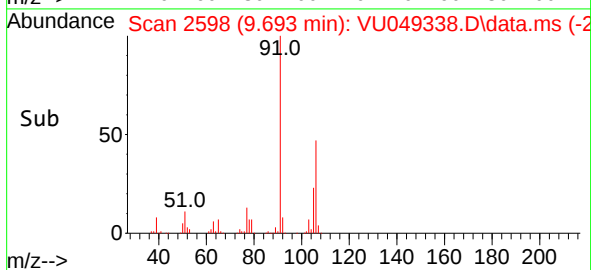
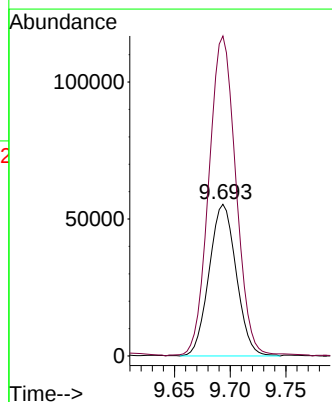
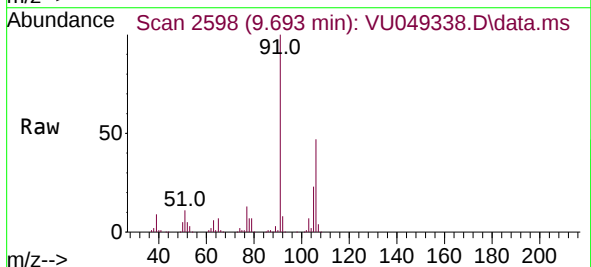
Instrument :
MSVOA_U
ClientSampleId :
VSTD005123

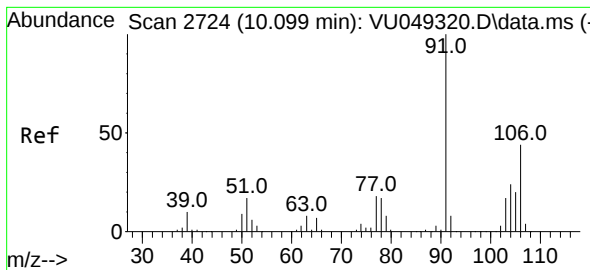
Tgt Ion: 91 Resp: 244946
Ion Ratio Lower Upper
91 100
106 29.8 21.2 39.4



#53
m,p-Xylene
Concen: 5.114 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU049338.D
Acq: 21 Jun 2022 19:53

Tgt Ion: 106 Resp: 93737
Ion Ratio Lower Upper
106 100
91 210.9 148.5 275.7

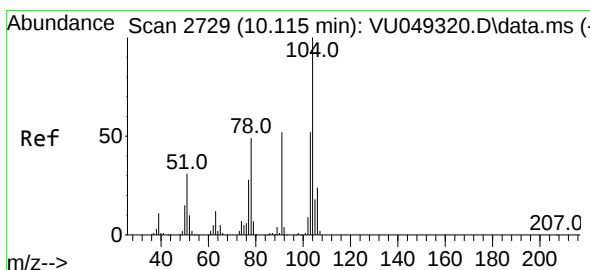
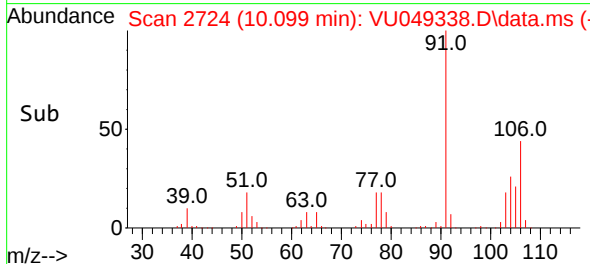
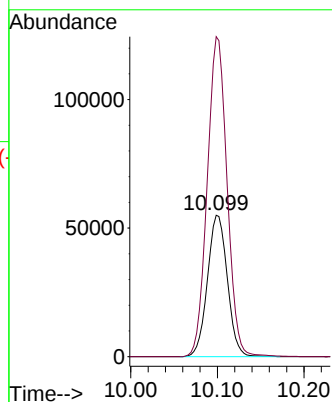
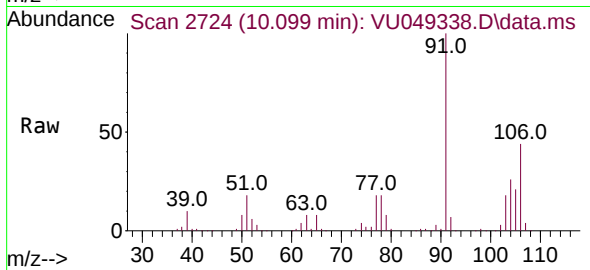




#54
o-Xylene
Concen: 4.837 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049338.D
Acq: 21 Jun 2022 19:53

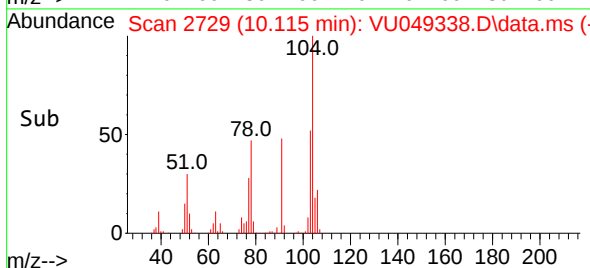
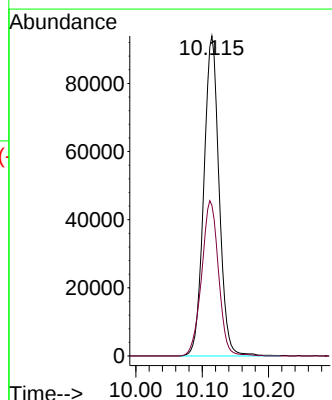
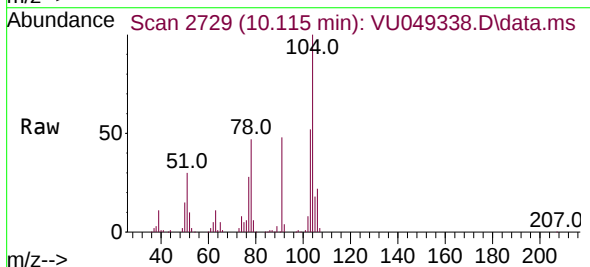
Instrument :
MSVOA_U
ClientSampleId :
VSTD005123

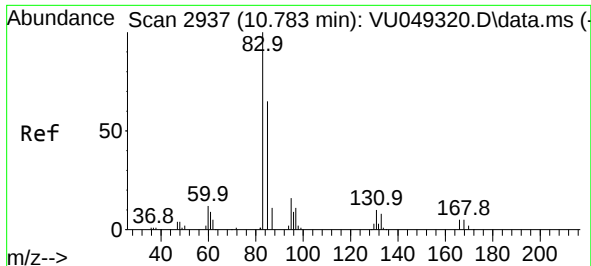
Tgt Ion:106 Resp: 87892
Ion Ratio Lower Upper
106 100
91 226.2 157.5 292.5



#55
Styrene
Concen: 4.945 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU049338.D
Acq: 21 Jun 2022 19:53

Tgt Ion:104 Resp: 150508
Ion Ratio Lower Upper
104 100
78 47.1 34.1 63.3

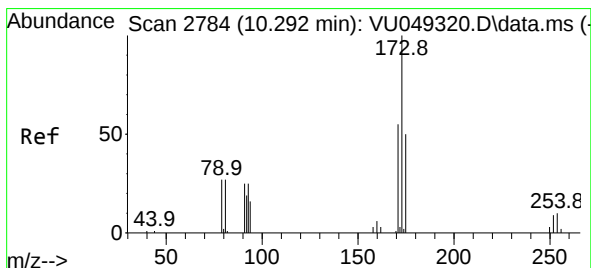
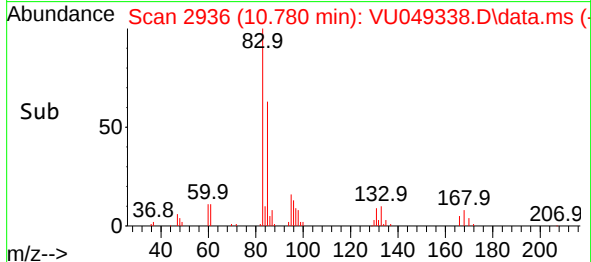
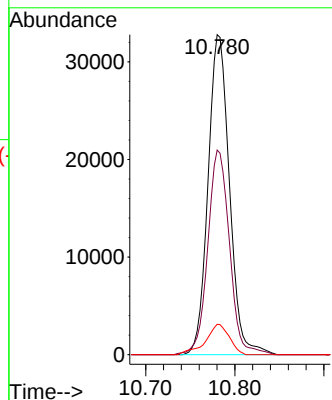
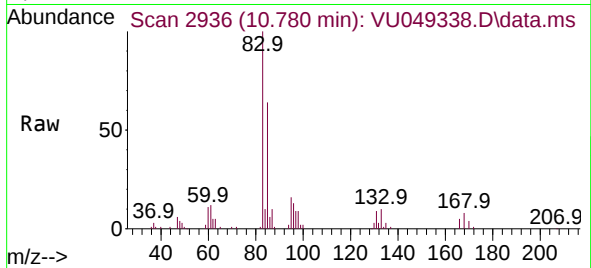




#57
1,1,2,2-Tetrachloroethane
Concen: 5.062 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. -0.003 min
Lab File: VU049338.D
Acq: 21 Jun 2022 19:53

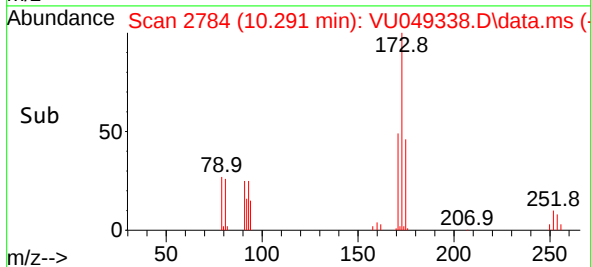
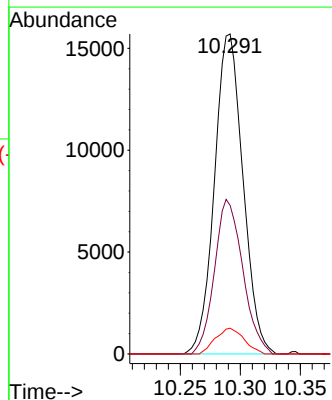
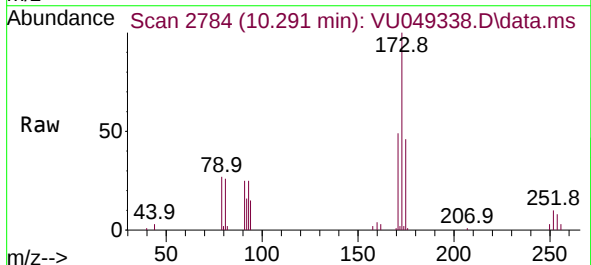
Instrument :
MSVOA_U
ClientSampleId :
VSTD005123

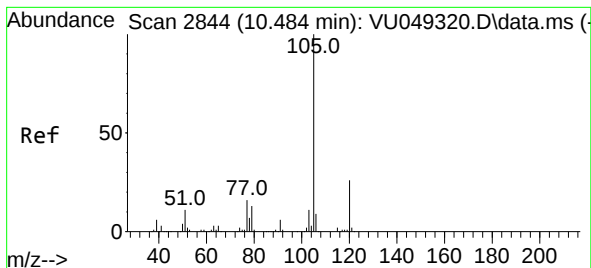
Tgt Ion: 83 Resp: 54649
Ion Ratio Lower Upper
83 100
85 63.9 45.4 84.4
131 9.5 7.1 10.7



#59
Bromoform
Concen: 4.654 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU049338.D
Acq: 21 Jun 2022 19:53

Tgt Ion: 173 Resp: 25971
Ion Ratio Lower Upper
173 100
175 47.8 37.9 56.9
254 8.1 6.6 9.8





#60

Isopropylbenzene

Concen: 4.771 ug/L

RT: 10.484 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU049338.D

Acq: 21 Jun 2022 19:53

Instrument :

MSVOA_U

ClientSampleId :

VSTD005123

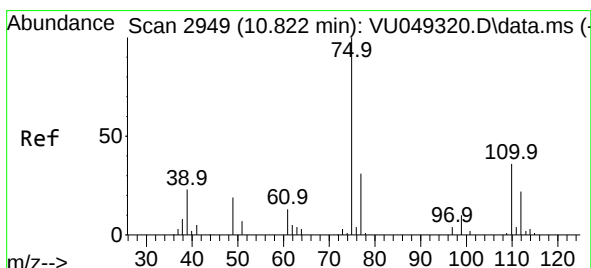
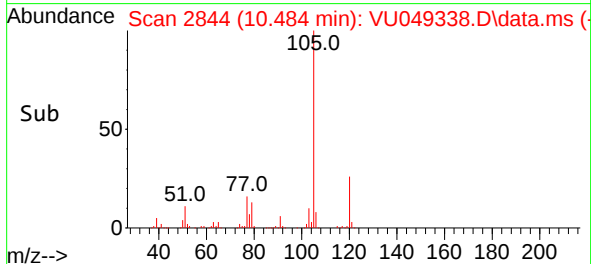
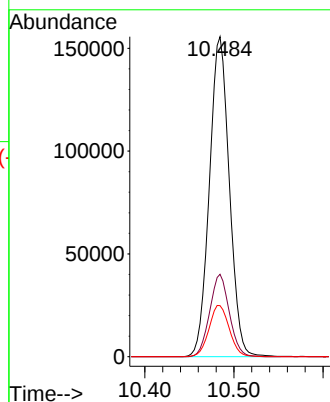
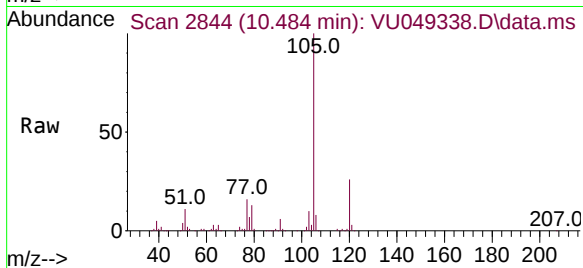
Tgt Ion:105 Resp: 241431

Ion Ratio Lower Upper

105 100

120 25.3 20.3 30.5

77 16.3 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 4.630 ug/L

RT: 10.822 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU049338.D

Acq: 21 Jun 2022 19:53

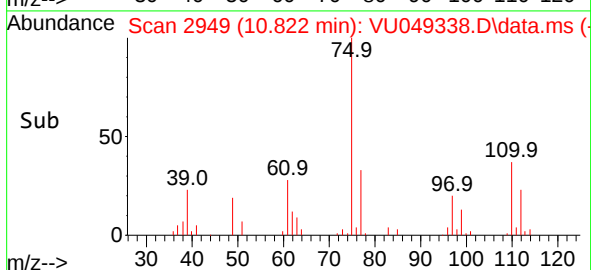
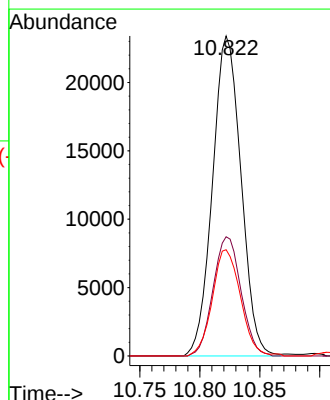
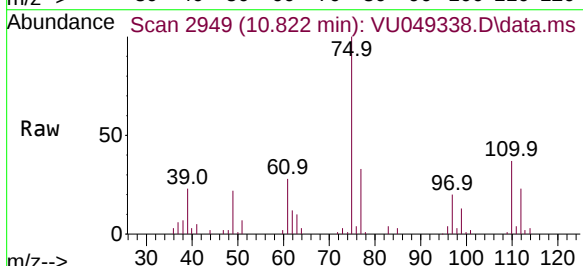
Tgt Ion: 75 Resp: 38593

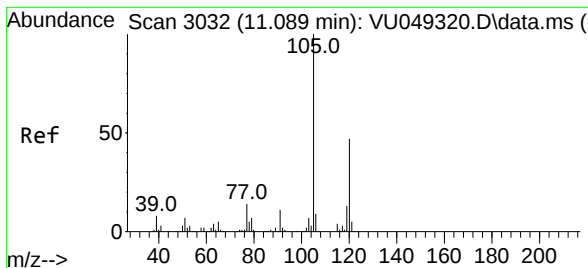
Ion Ratio Lower Upper

75 100

110 36.5 29.0 43.4

77 32.9 26.2 39.2





#62

1,3,5-Trimethylbenzene

Concen: 4.533 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU049338.D

Acq: 21 Jun 2022 19:53

Instrument :

MSVOA_U

ClientSampleId :

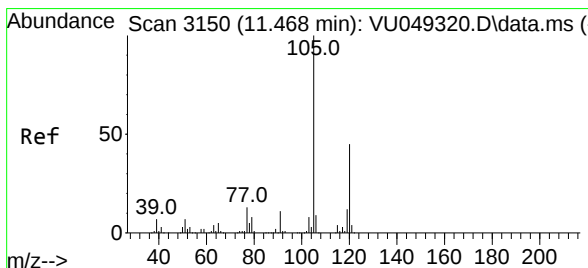
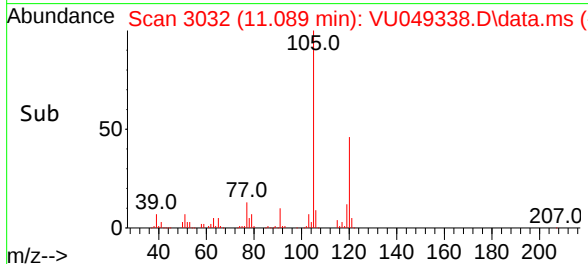
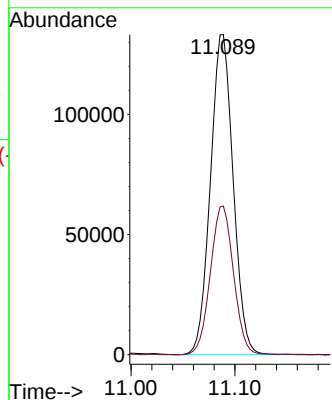
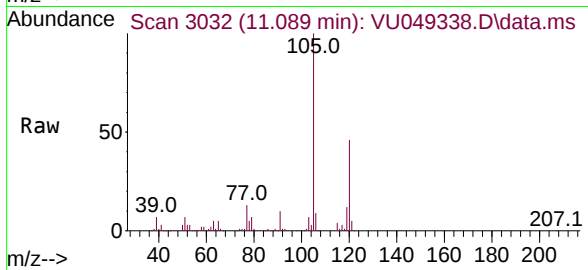
VSTD005123

Tgt Ion:105 Resp: 202448

Ion Ratio Lower Upper

105 100

120 47.4 37.8 56.6



#63

1,2,4-Trimethylbenzene

Concen: 4.703 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU049338.D

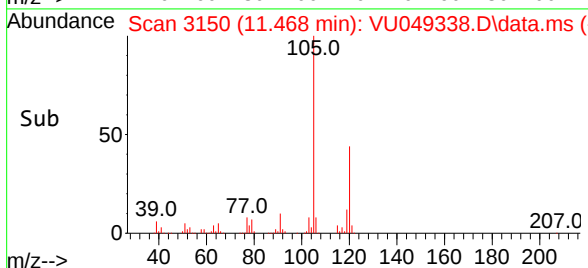
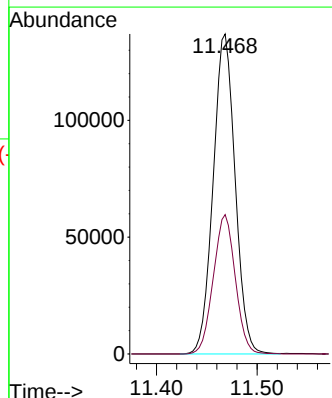
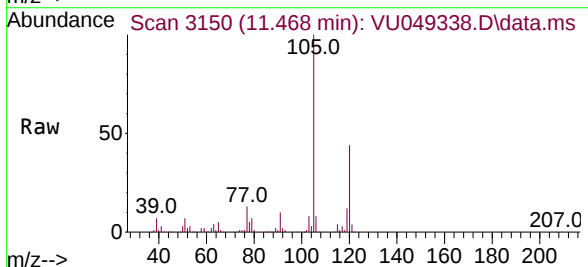
Acq: 21 Jun 2022 19:53

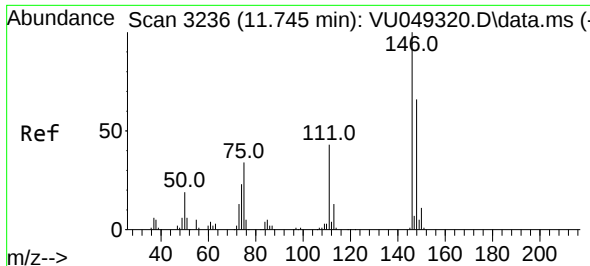
Tgt Ion:105 Resp: 208087

Ion Ratio Lower Upper

105 100

120 43.5 34.6 52.0

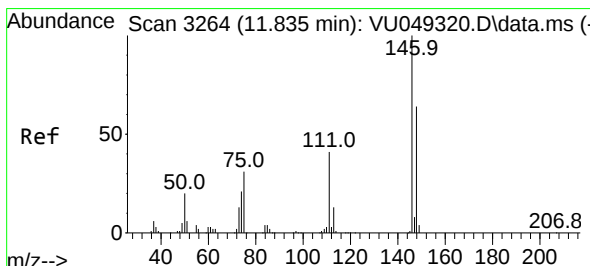
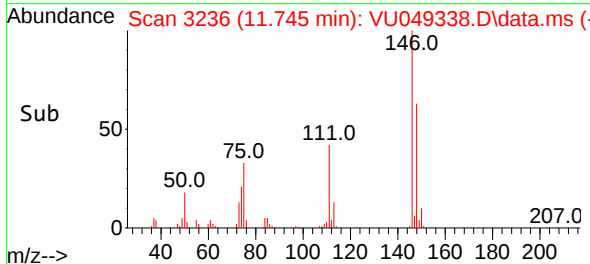
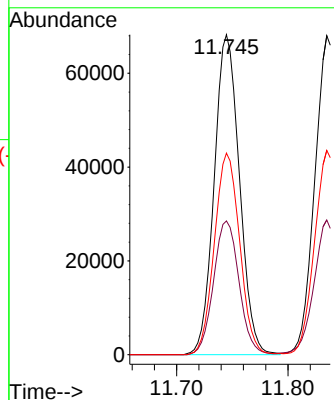
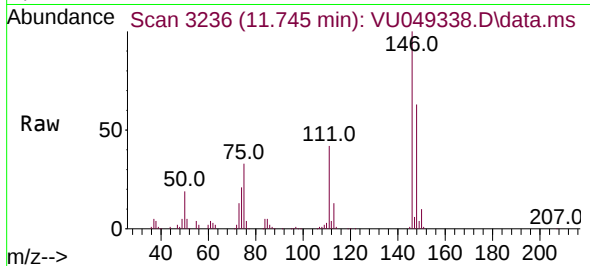




#64
1,3-Dichlorobenzene
Concen: 4.963 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU049338.D
Acq: 21 Jun 2022 19:53

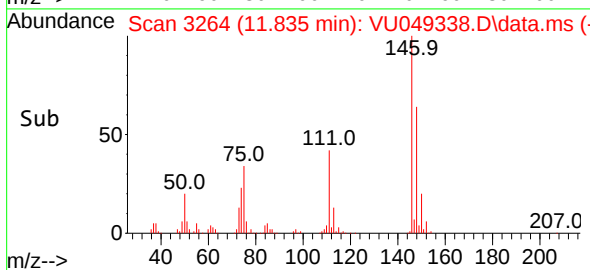
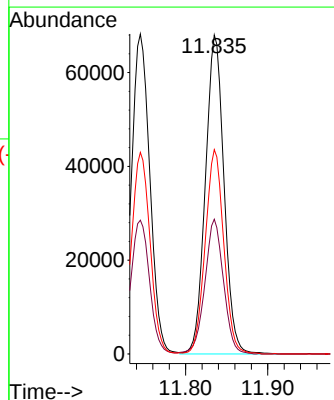
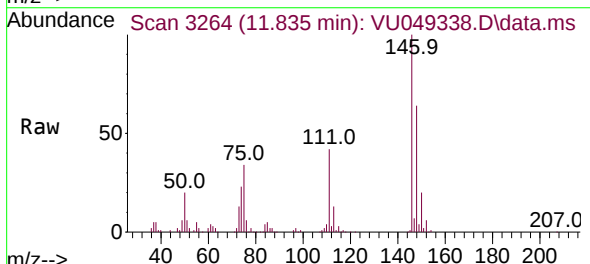
Instrument :
MSVOA_U
ClientSampleId :
VSTD005123

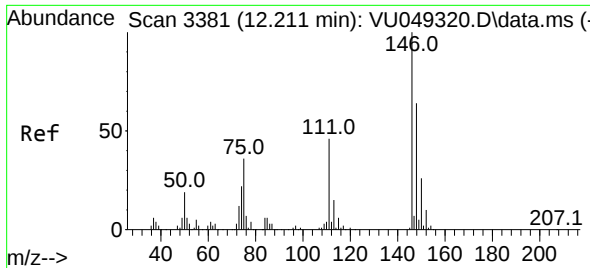
Tgt Ion:146 Resp: 107490
Ion Ratio Lower Upper
146 100
111 41.8 30.9 57.5
148 63.0 46.1 85.7



#65
1,4-Dichlorobenzene
Concen: 5.003 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU049338.D
Acq: 21 Jun 2022 19:53

Tgt Ion:146 Resp: 107069
Ion Ratio Lower Upper
146 100
111 42.2 29.8 55.4
148 64.0 44.7 83.1

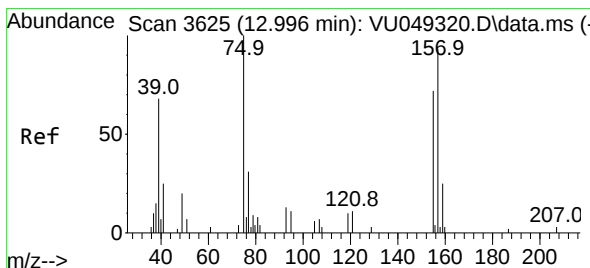
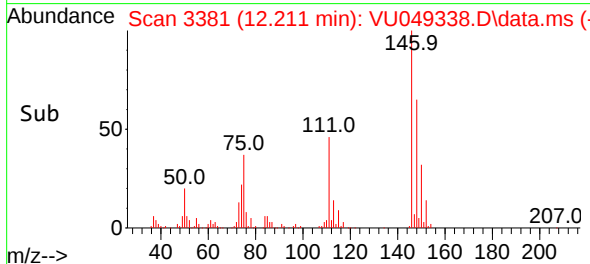
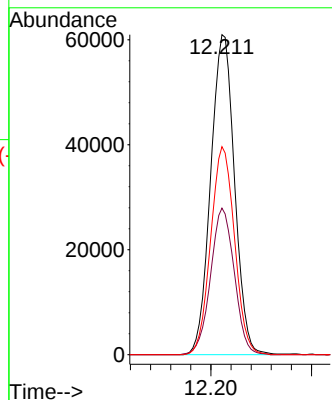
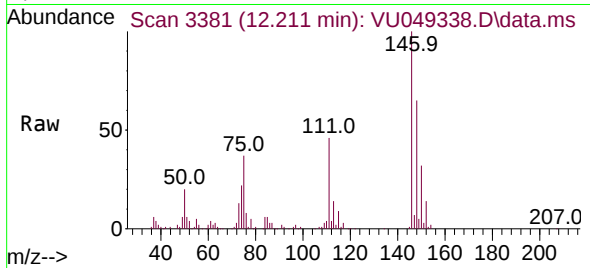




#67
1,2-Dichlorobenzene
Concen: 4.869 ug/L
RT: 12.211 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU049338.D
Acq: 21 Jun 2022 19:53

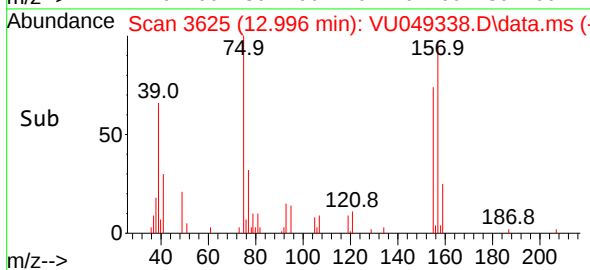
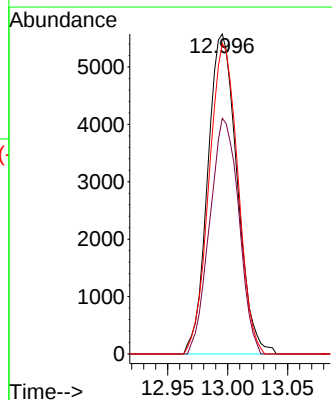
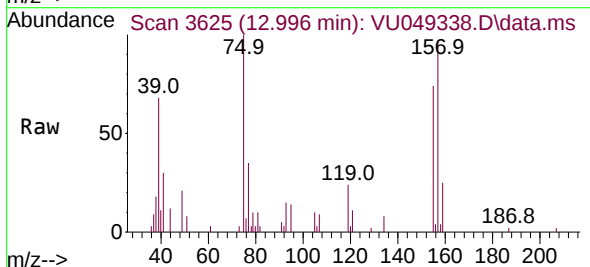
Instrument :
MSVOA_U
ClientSampleId :
VSTD005123

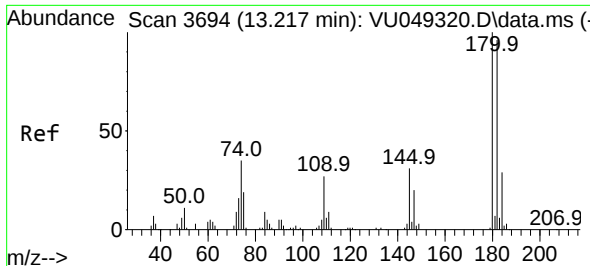
Tgt Ion:146 Resp: 100333
Ion Ratio Lower Upper
146 100
111 45.8 36.6 55.0
148 65.0 52.2 78.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.182 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU049338.D
Acq: 21 Jun 2022 19:53

Tgt Ion: 75 Resp: 9499
Ion Ratio Lower Upper
75 100
155 73.7 52.0 78.0
157 97.0 71.4 107.2

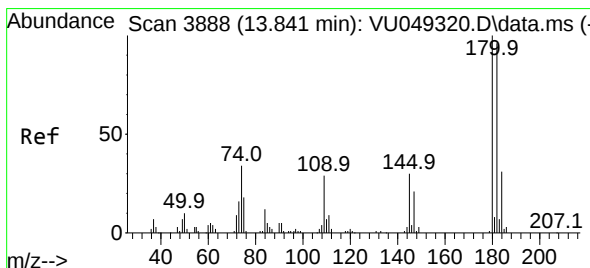
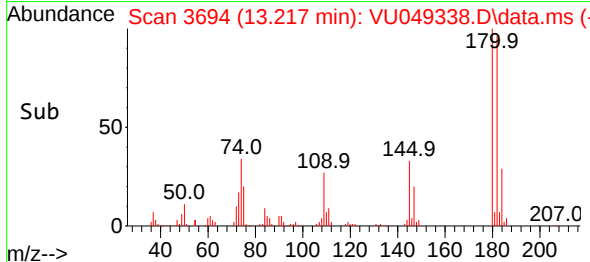
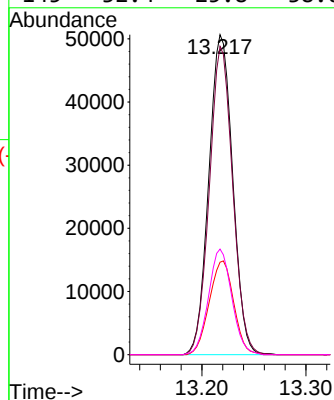
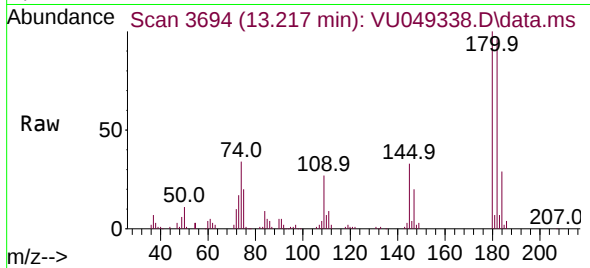




#69
 1,3,5-Trichlorobenzene
 Concen: 4.961 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU049338.D
 Acq: 21 Jun 2022 19:53

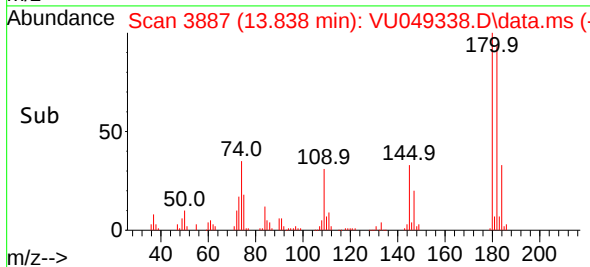
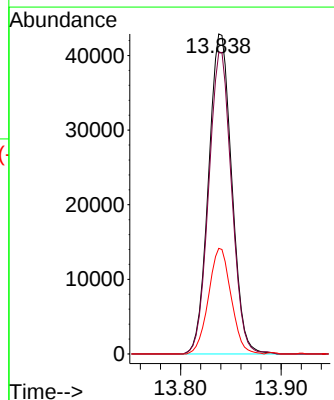
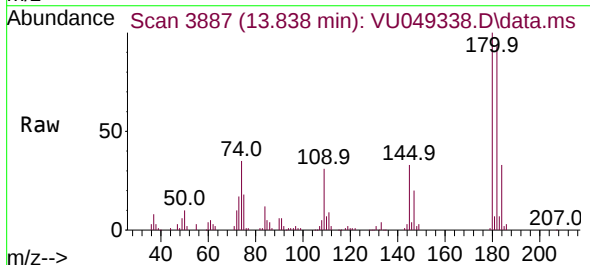
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005123

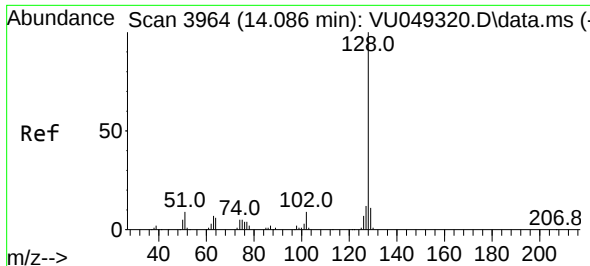
Tgt Ion:180	Resp:	80557
Ion Ratio	Lower	Upper
180	100	
182	94.4	75.0 112.4
184	30.1	23.2 34.8
145	32.4	25.8 38.6



#70
 1,2,4-trichlorobenzene
 Concen: 5.316 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.003 min
 Lab File: VU049338.D
 Acq: 21 Jun 2022 19:53

Tgt Ion:180	Resp:	68627
Ion Ratio	Lower	Upper
180	100	
182	93.1	74.6 112.0
145	32.2	26.1 39.1

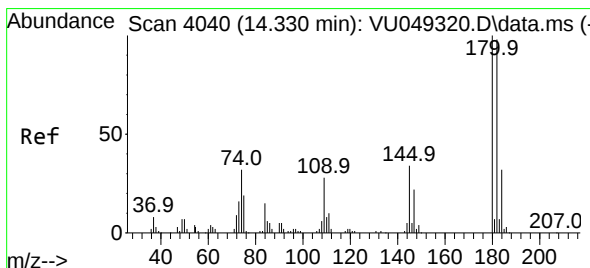
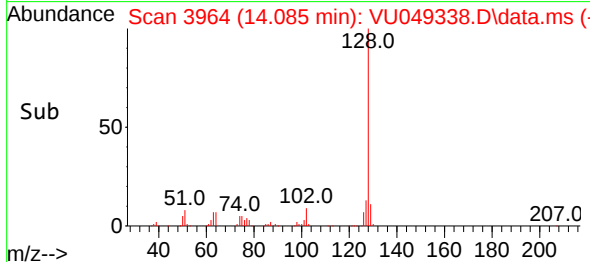
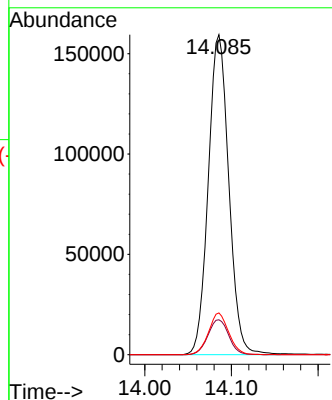
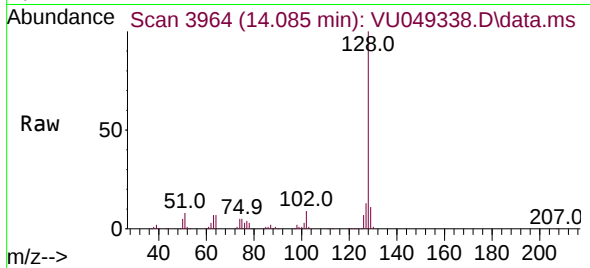




#71
Naphthalene
Concen: 10.228 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU049338.D
Acq: 21 Jun 2022 19:53

Instrument :
MSVOA_U
ClientSampleId :
VSTD005123

Tgt Ion:128	Resp: 262386
Ion Ratio	Lower Upper
128 100	
129 11.1	9.0 13.6
127 12.8	10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.346 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.003 min
Lab File: VU049338.D
Acq: 21 Jun 2022 19:53

Tgt Ion:180	Resp: 64888
Ion Ratio	Lower Upper
180 100	
182 93.2	75.6 113.4
145 33.2	27.9 41.9

