

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049105.D
 Acq On : 14 Jun 2022 11:08
 Operator : SY/MD
 Sample : VSTD00133
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001033

Quant Time: Jun 15 02:49:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 02:48:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	139666	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	129004	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	61666	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	11152	1.522	ug/L	0.00
7) Chloroethane-d5	1.912	69	7925	1.124	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	65	4706	1.344	ug/L	0.00
20) 2-Butanone-d5	4.645	46	26372	8.587	ug/L	0.00
24) Chloroform-d	5.067	84	18323	0.923	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	9923	0.911	ug/L	0.00
32) Benzene-d6	5.729	84	36422	1.030	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	12655	1.043	ug/L	0.00
41) Toluene-d8	7.899	98	32967	1.093	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	5288	1.212	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	20528	9.369	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	9462	0.913	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	11209	0.971	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	9439	0.642	ug/L	93
3) Chloromethane	1.520	50	12359	0.915	ug/L	100
5) Vinyl chloride	1.604	62	10326	0.834	ug/L	94
6) Bromomethane	1.858	94	5785	0.816	ug/L	99
8) Chloroethane	1.935	64	5818	0.865	ug/L	100
9) Trichlorofluoromethane	2.138	101	11737	0.736	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	6733	0.784	ug/L	99
12) 1,1-Dichloroethene	2.581	96	6720	0.791	ug/L	89
13) Acetone	2.652	43	13479	8.620	ug/L	98
14) Carbon disulfide	2.793	76	22715	0.782	ug/L	99
15) Methyl Acetate	2.961	43	3541	0.843	ug/L #	73
16) Methylene chloride	3.047	84	10585	1.005	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	20843	0.882	ug/L	96
18) trans-1,2-Dichloroethene	3.359	96	7360	0.793	ug/L	91
19) 1,1-Dichloroethane	3.871	63	15236	0.846	ug/L	97
21) 2-Butanone	4.729	43	22617	7.977	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	9151	0.829	ug/L	84
23) Bromochloromethane	4.980	128	3828	0.808	ug/L	93
25) Chloroform	5.092	83	15548	0.823	ug/L	98
27) 1,2-Dichloroethane	5.797	62	9907	0.787	ug/L	96
29) 1,1,1-Trichloroethane	5.317	97	13309	0.813	ug/L	98
30) Cyclohexane	5.388	56	14326	0.961	ug/L	97
31) Carbon tetrachloride	5.526	117	10900	0.759	ug/L	97
33) Benzene	5.777	78	32075	0.820	ug/L	100
34) Trichloroethene	6.546	95	8437	0.837	ug/L	96
35) Methylcyclohexane	6.761	83	13477	0.882	ug/L	97
37) 1,2-Dichloropropane	6.793	63	9208	0.894	ug/L #	94
38) Bromodichloromethane	7.105	83	10929	0.804	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	14062	0.974	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	64811	9.574	ug/L	100
42) Toluene	7.970	91	36184	0.913	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	11967	0.933	ug/L	84

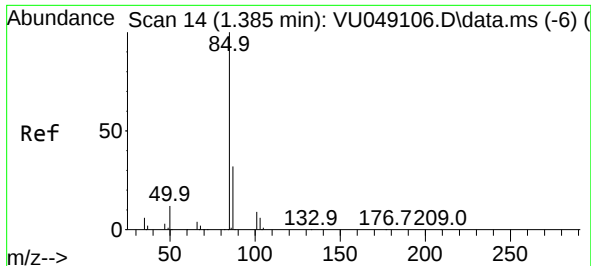
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049105.D
 Acq On : 14 Jun 2022 11:08
 Operator : SY/MD
 Sample : VSTD00133
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001033

Quant Time: Jun 15 02:49:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 02:48:05 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	6526	0.897	ug/L	100
47) Tetrachloroethene	8.555	164	5696	0.731	ug/L	96
48) 2-Hexanone	8.690	43	44654	8.973	ug/L	99
49) Dibromochloromethane	8.809	129	7220	0.792	ug/L	97
50) 1,2-Dibromoethane	8.928	107	5693	0.797	ug/L	98
51) Chlorobenzene	9.449	112	21927	0.851	ug/L	95
52) Ethylbenzene	9.571	91	38255	0.927	ug/L	95
53) m,p-Xylene	9.693	106	14285	0.868	ug/L	97
54) o-Xylene	10.099	106	14194	0.888	ug/L	95
55) Styrene	10.115	104	22864	0.859	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	8313	0.878	ug/L #	98
59) Bromoform	10.291	173	3988	0.789	ug/L	95
60) Isopropylbenzene	10.484	105	36702	0.948	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	6191	0.922	ug/L	94
62) 1,3,5-Trimethylbenzene	11.089	105	32118	0.979	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	31463	0.961	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	15620	0.833	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	15874	0.866	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	14819	0.821	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	1503	0.907	ug/L	90
69) 1,3,5-Trichlorobenzene	13.221	180	11241	0.798	ug/L	95
70) 1,2,4-trichlorobenzene	13.841	180	8886	0.796	ug/L	98
71) Naphthalene	14.092	128	17170	0.762	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	8445	0.798	ug/L	96

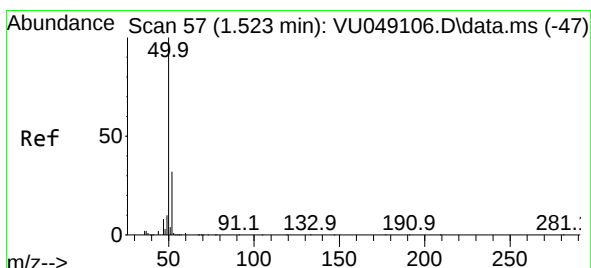
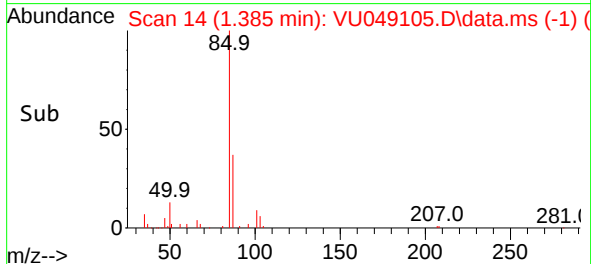
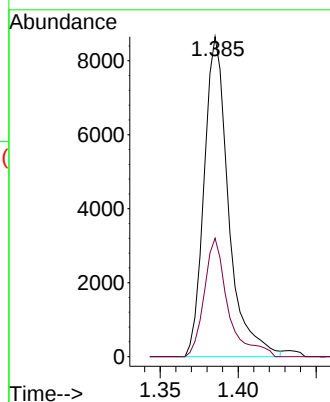
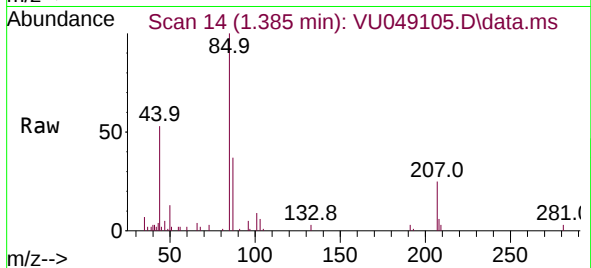
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.642 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

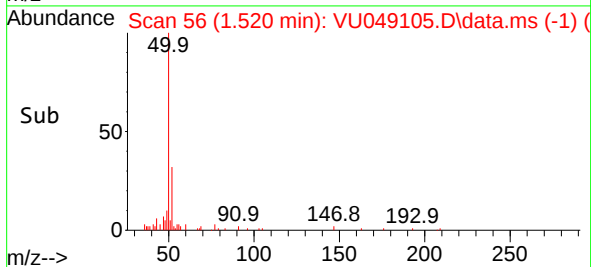
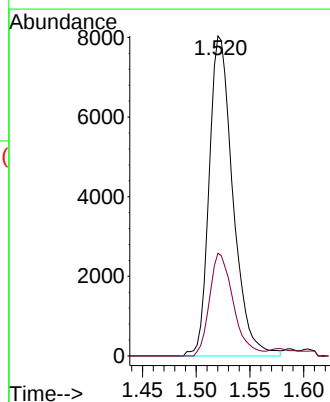
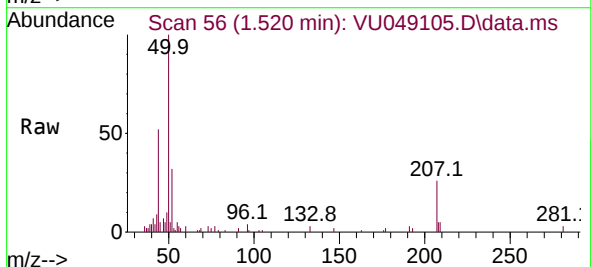
Instrument :
MSVOA_U
ClientSampleId :
VSTD001033

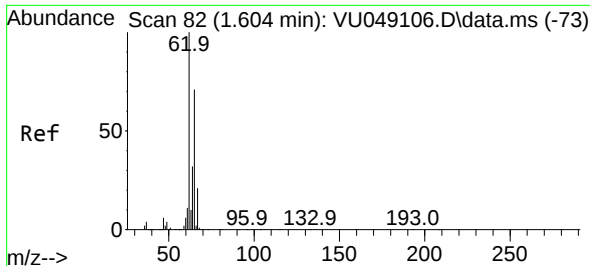
Tgt Ion: 85 Resp: 9439
Ion Ratio Lower Upper
85 100
87 35.9 25.5 38.3



#3
Chloromethane
Concen: 0.915 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

Tgt Ion: 50 Resp: 12359
Ion Ratio Lower Upper
50 100
52 32.1 22.7 42.1

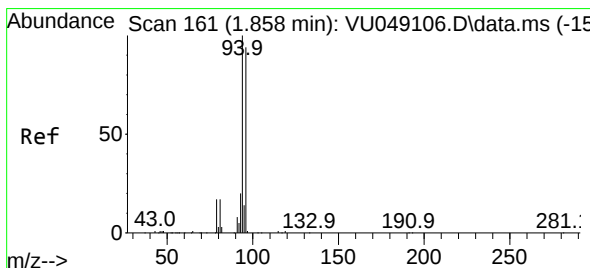
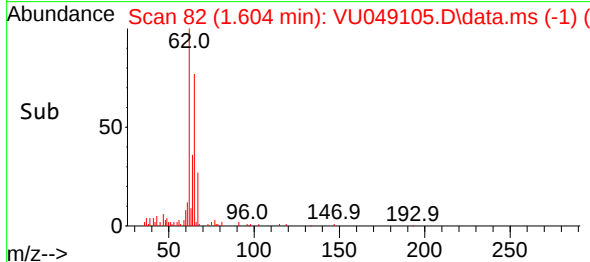
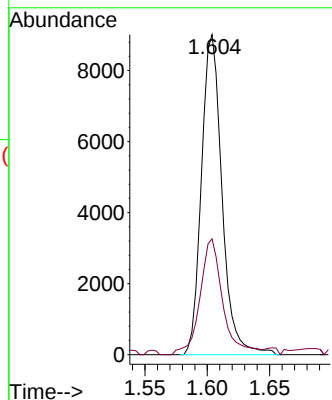
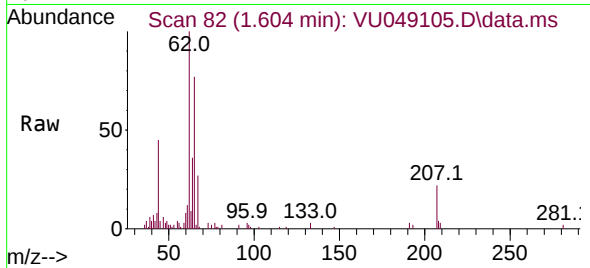




#5
 Vinyl chloride
 Concen: 0.834 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU049105.D
 Acq: 14 Jun 2022 11:08

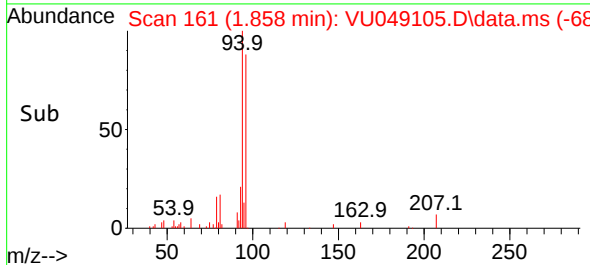
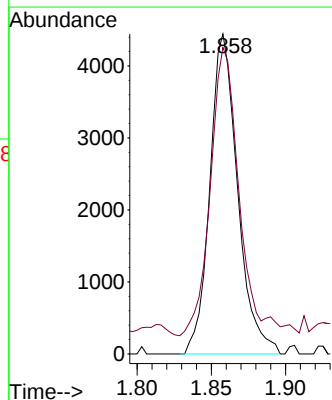
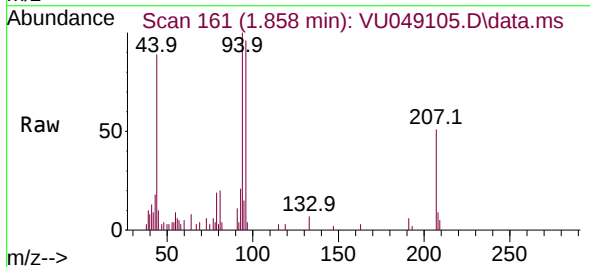
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001033

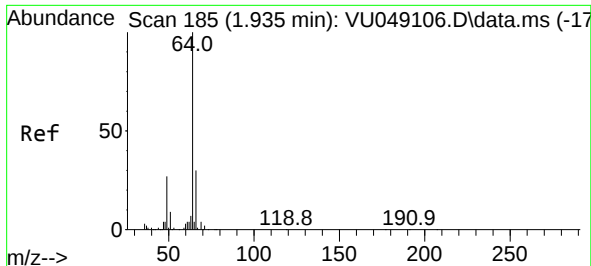
Tgt Ion: 62 Resp: 10326
 Ion Ratio Lower Upper
 62 100
 64 36.2 22.8 42.4



#6
 Bromomethane
 Concen: 0.816 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU049105.D
 Acq: 14 Jun 2022 11:08

Tgt Ion: 94 Resp: 5785
 Ion Ratio Lower Upper
 94 100
 96 95.8 66.4 123.4

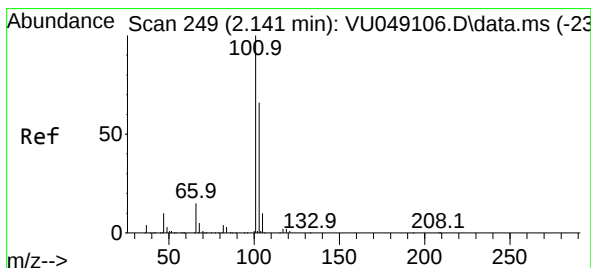
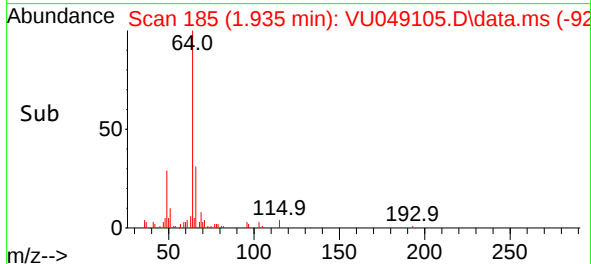
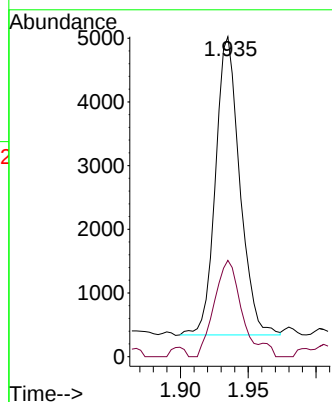
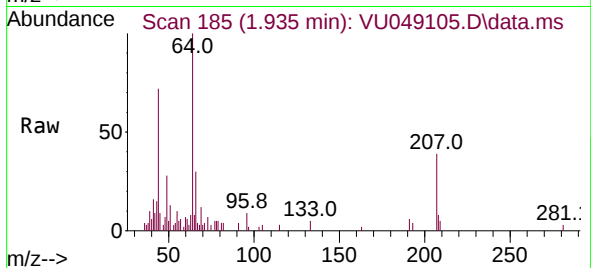




#8
Chloroethane
Concen: 0.865 ug/L
RT: 1.935 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

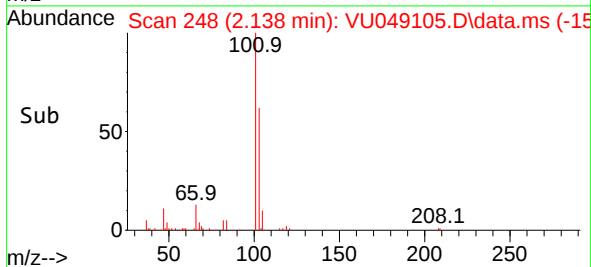
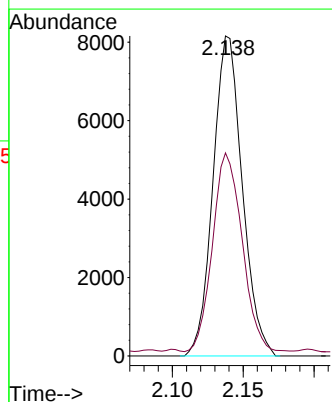
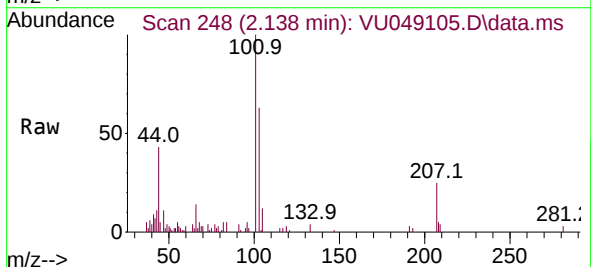
Instrument :
MSVOA_U
ClientSampleId :
VSTD001033

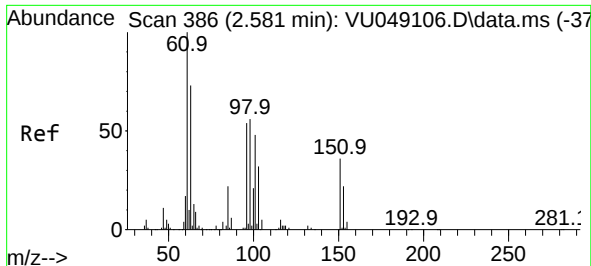
Tgt Ion: 64 Resp: 5818
Ion Ratio Lower Upper
64 100
66 30.1 20.9 38.9



#9
Trichlorofluoromethane
Concen: 0.736 ug/L
RT: 2.138 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

Tgt Ion: 101 Resp: 11737
Ion Ratio Lower Upper
101 100
103 62.8 53.5 80.3

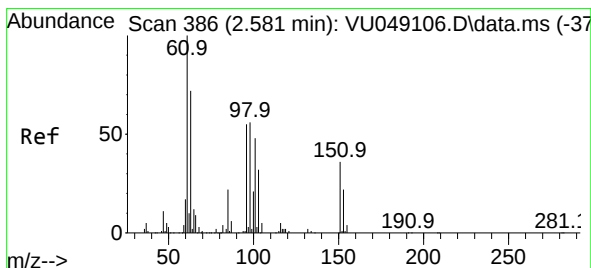
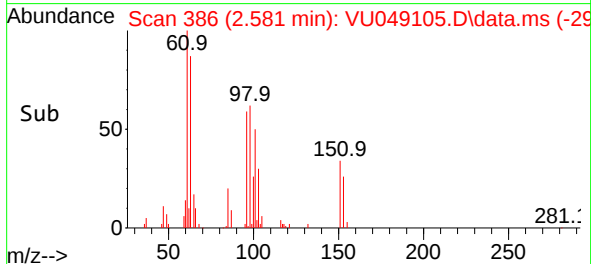
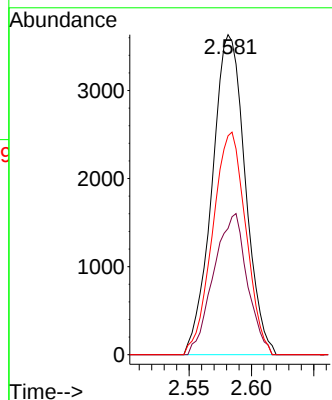
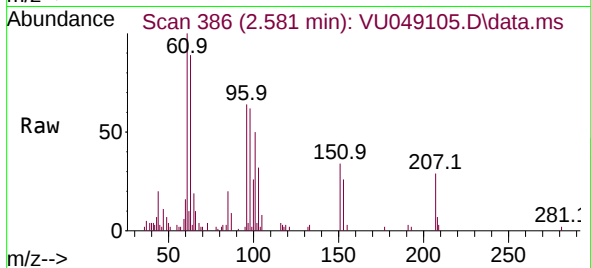




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.784 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU049105.D
 Acq: 14 Jun 2022 11:08

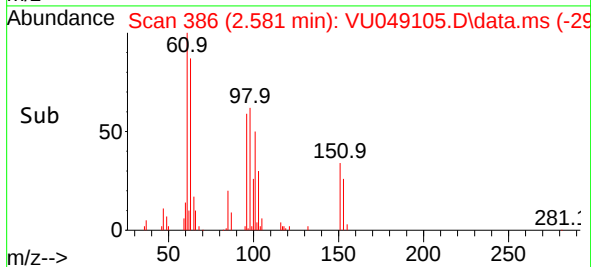
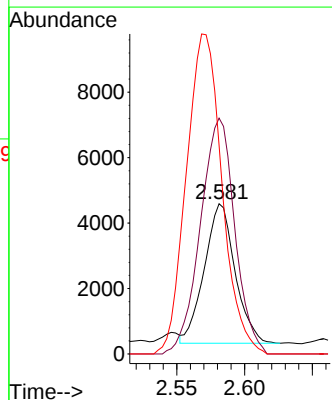
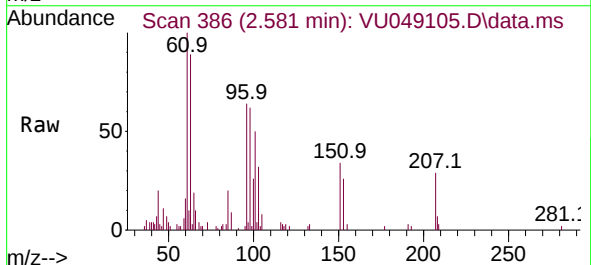
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001033

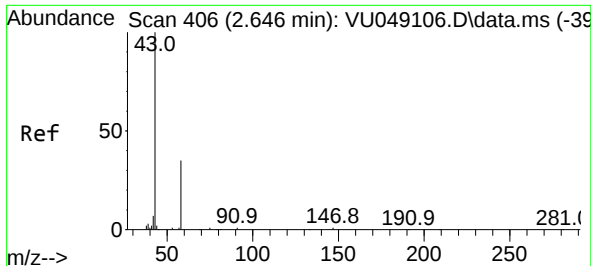
Tgt Ion:101 Resp: 6733
 Ion Ratio Lower Upper
 101 100
 85 44.5 36.1 54.1
 151 69.8 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 0.791 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU049105.D
 Acq: 14 Jun 2022 11:08

Tgt Ion: 96 Resp: 6720
 Ion Ratio Lower Upper
 96 100
 61 157.0 127.2 236.2
 63 138.9 94.7 175.9

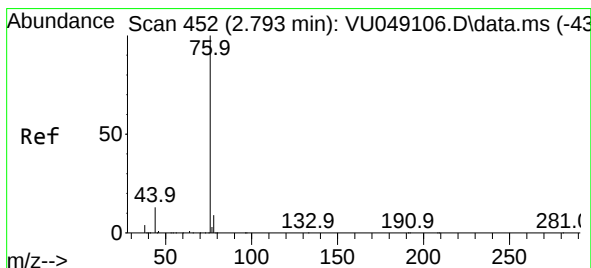
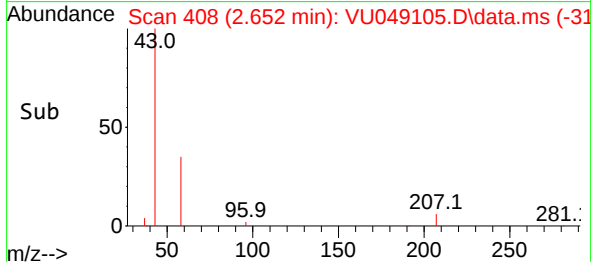
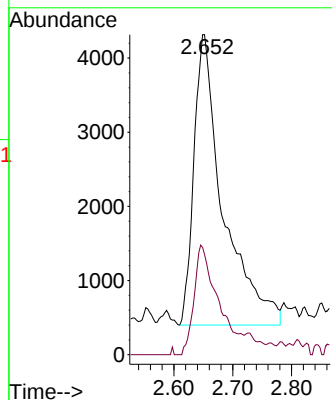
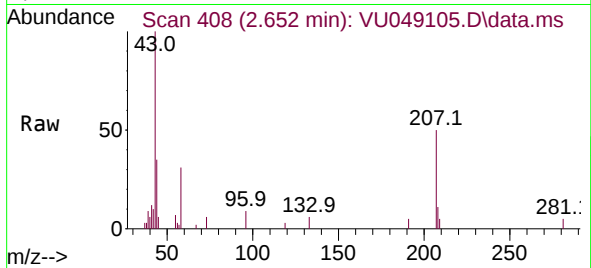




#13
Acetone
Concen: 8.620 ug/L
RT: 2.652 min Scan# 406
Delta R.T. 0.006 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

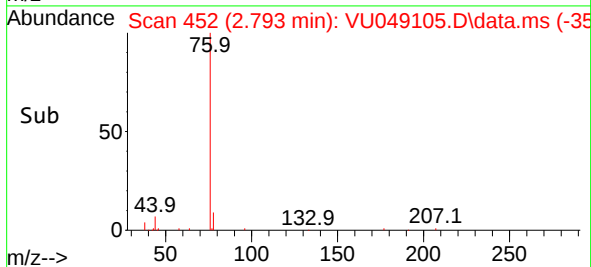
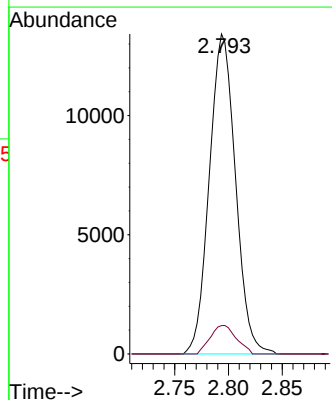
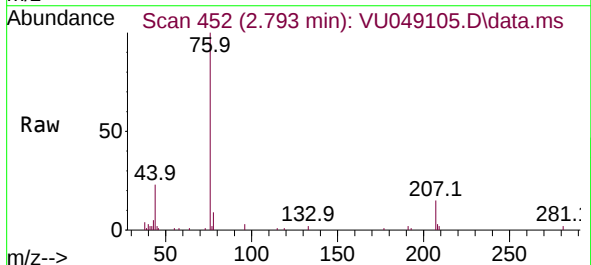
Instrument :
MSVOA_U
ClientSampleId :
VSTD001033

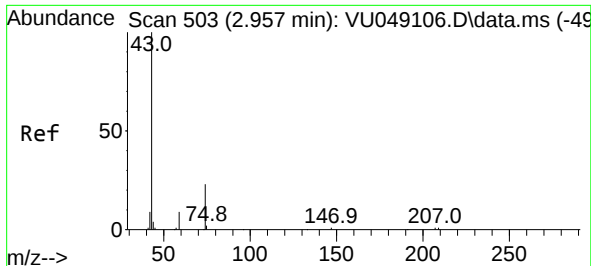
Tgt Ion: 43 Resp: 13479
Ion Ratio Lower Upper
43 100
58 31.5 0.0 65.8



#14
Carbon disulfide
Concen: 0.782 ug/L
RT: 2.793 min Scan# 452
Delta R.T. -0.000 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

Tgt Ion: 76 Resp: 22715
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

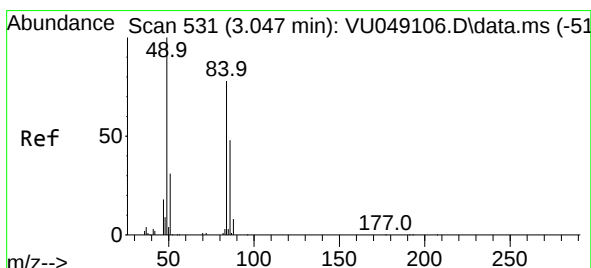
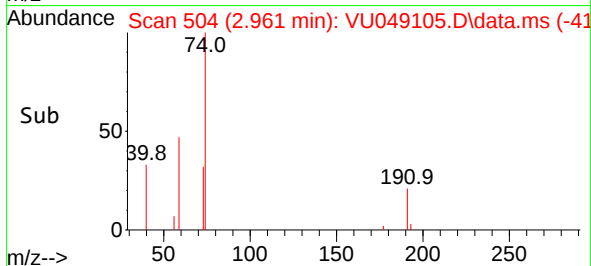
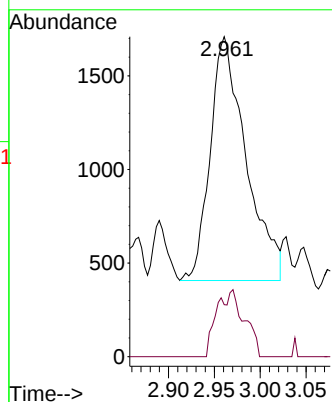
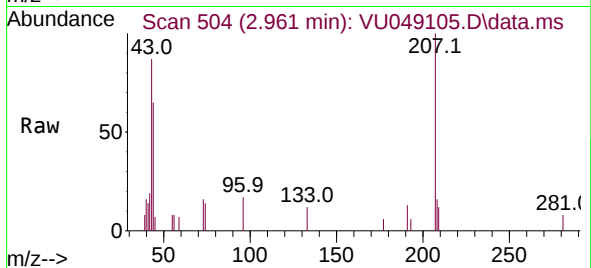




#15
Methyl Acetate
Concen: 0.843 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

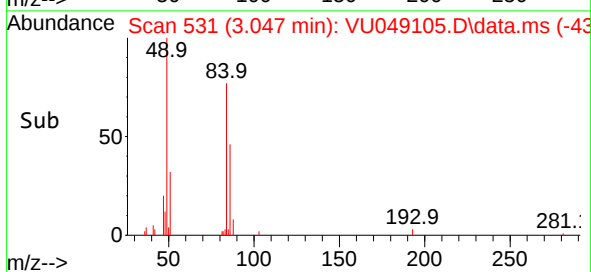
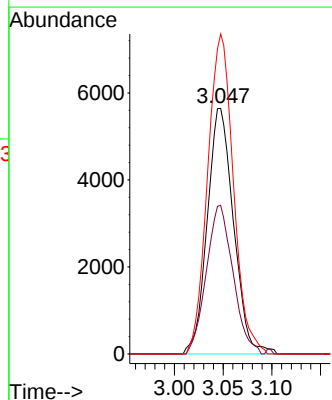
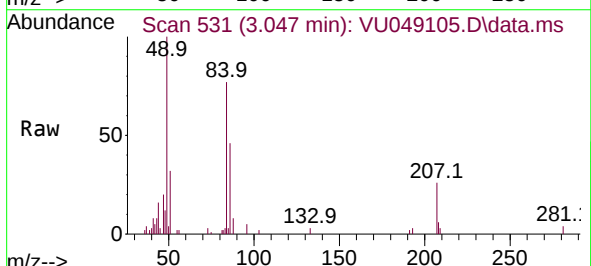
Instrument :
MSVOA_U
ClientSampleId :
VSTD001033

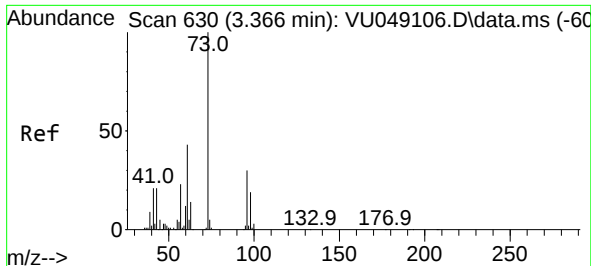
Tgt Ion: 43 Resp: 3541
Ion Ratio Lower Upper
43 100
74 9.1 17.6 26.4#



#16
Methylene chloride
Concen: 1.005 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

Tgt Ion: 84 Resp: 10585
Ion Ratio Lower Upper
84 100
86 60.5 43.6 81.0
49 130.3 90.2 167.6

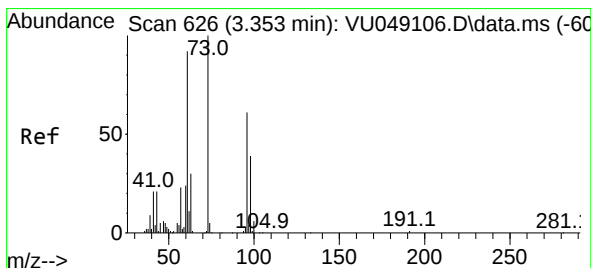
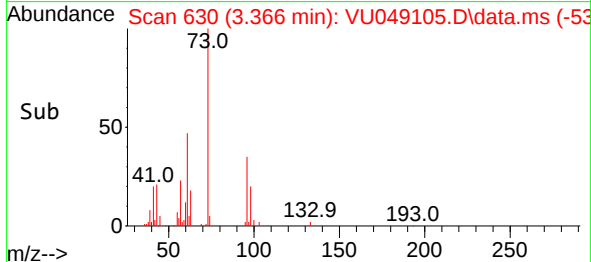
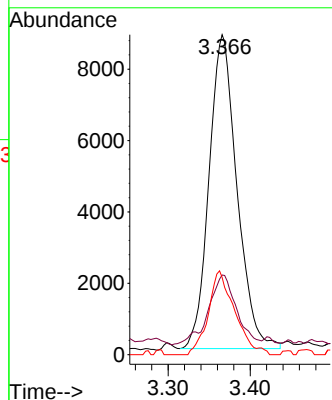
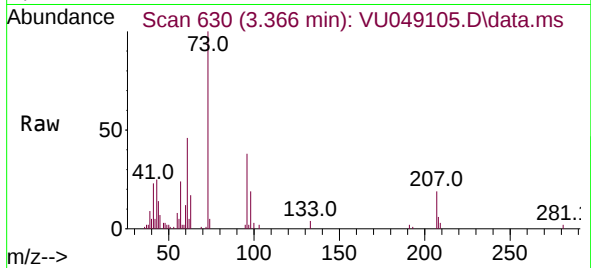




#17
Methyl tert-butyl Ether
Concen: 0.882 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

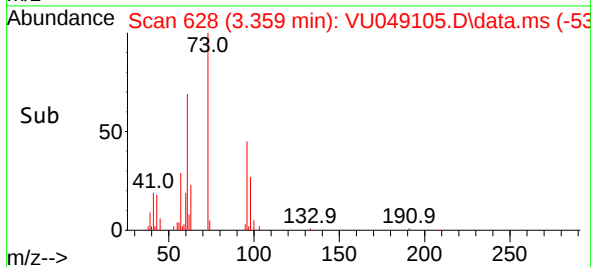
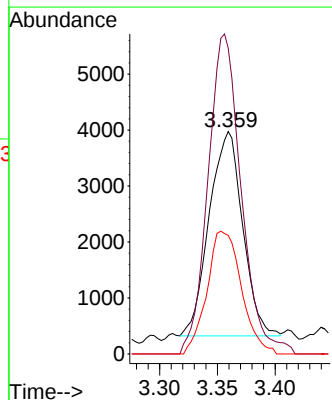
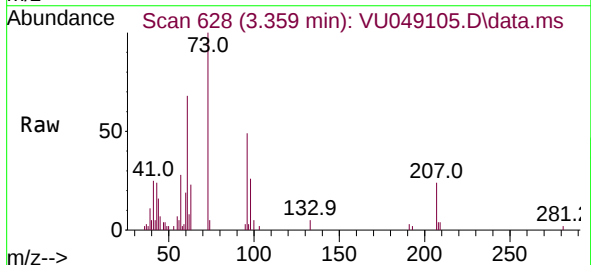
Instrument :
MSVOA_U
ClientSampleId :
VSTD001033

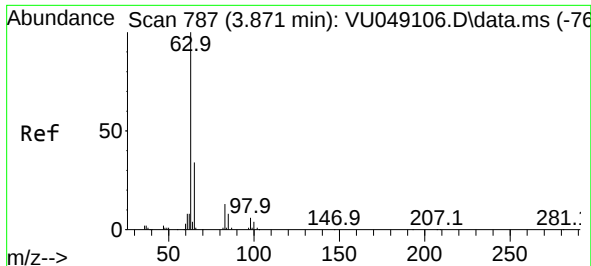
Tgt Ion: 73	Resp: 20843
Ion Ratio	Lower Upper
73	100
43	22.4 16.5 24.7
57	25.2 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 0.793 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.006 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

Tgt Ion: 96	Resp: 7360
Ion Ratio	Lower Upper
96	100
61	137.5 103.3 191.9
98	53.3 44.0 81.8

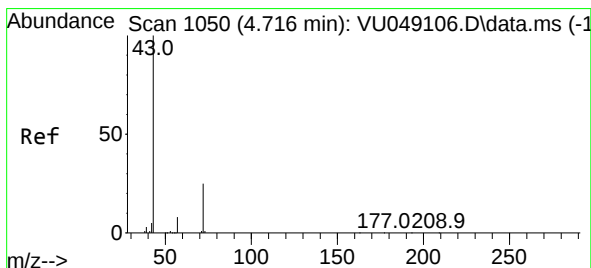
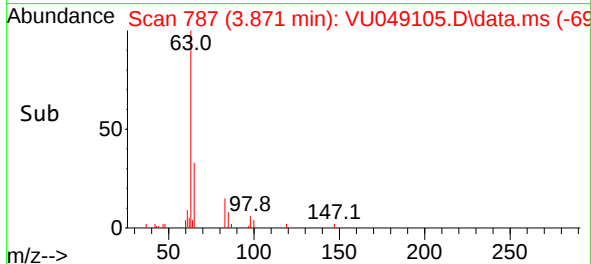
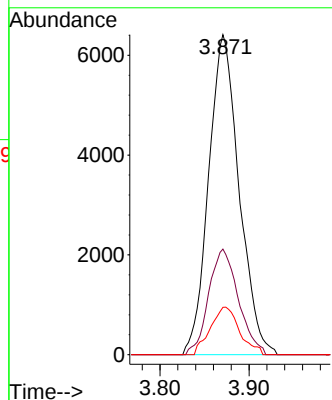
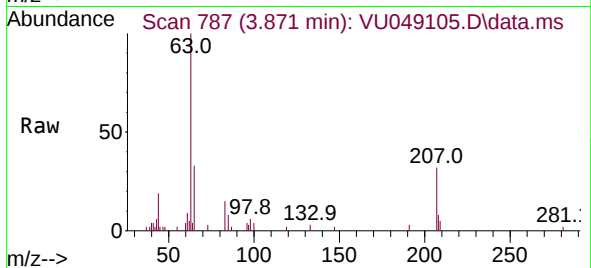




#19
1,1-Dichloroethane
Concen: 0.846 ug/L
RT: 3.871 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

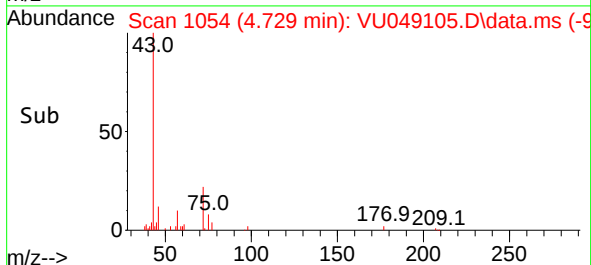
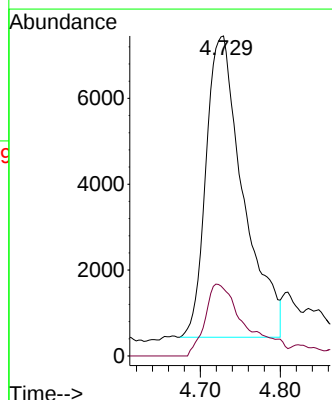
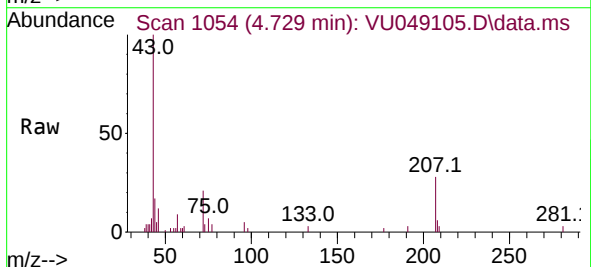
Instrument :
MSVOA_U
ClientSampleId :
VSTD001033

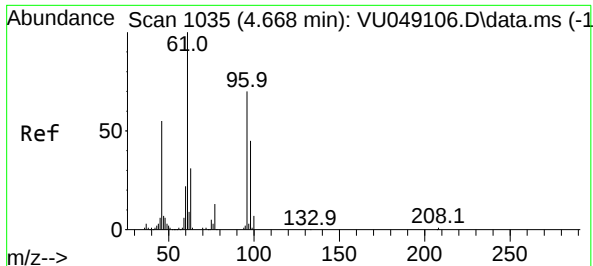
Tgt Ion: 63 Resp: 15236
Ion Ratio Lower Upper
63 100
65 33.0 24.0 44.6
83 14.8 9.1 16.9



#21
2-Butanone
Concen: 7.977 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.013 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

Tgt Ion: 43 Resp: 22617
Ion Ratio Lower Upper
43 100
72 25.9 12.2 36.6

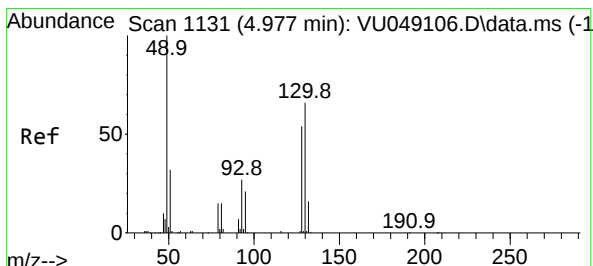
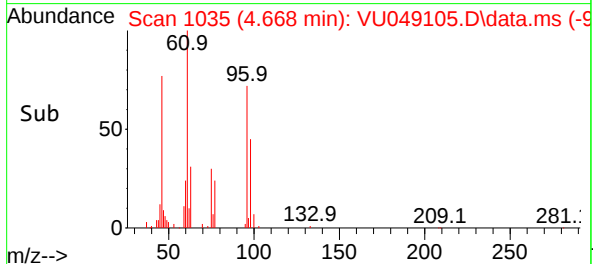
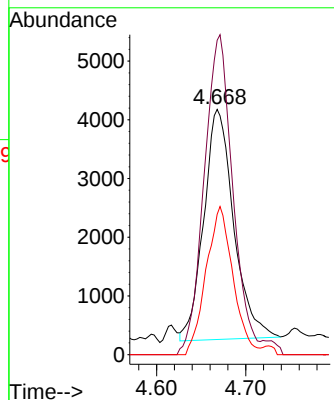
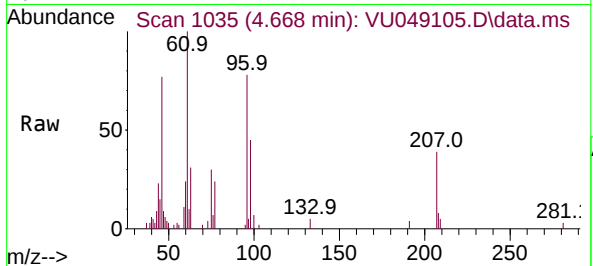




#22
 cis-1,2-Dichloroethene
 Concen: 0.829 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU049105.D
 Acq: 14 Jun 2022 11:08

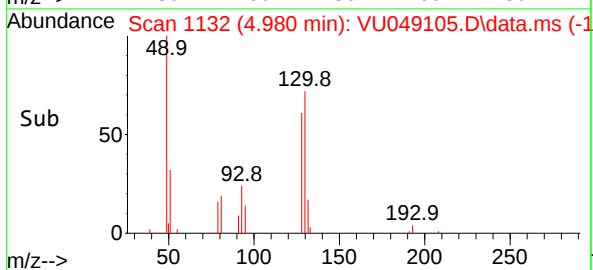
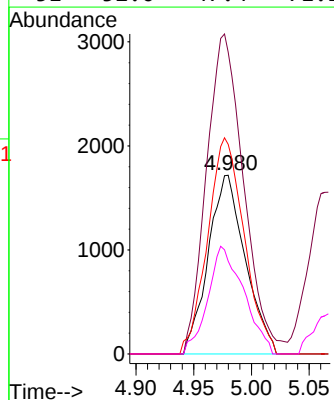
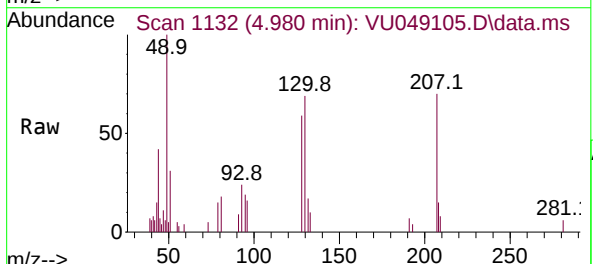
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001033

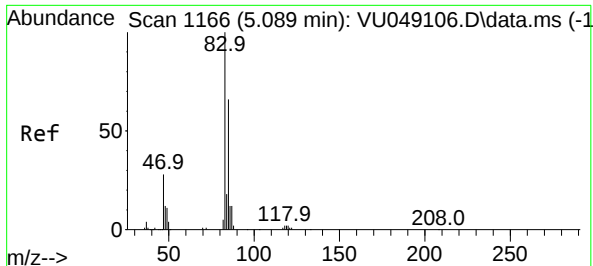
Tgt Ion:	96	Resp:	9151
Ion	Ratio	Lower	Upper
96	100		
61	120.6	99.5	184.9
98	53.8	44.8	83.2



#23
 Bromochloromethane
 Concen: 0.808 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.003 min
 Lab File: VU049105.D
 Acq: 14 Jun 2022 11:08

Tgt Ion:	128	Resp:	3828
Ion	Ratio	Lower	Upper
128	100		
49	177.4	131.6	244.4
130	117.3	86.9	161.5
51	52.0	47.4	71.2





#25

Chloroform

Concen: 0.823 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU049105.D

Acq: 14 Jun 2022 11:08

Instrument :

MSVOA_U

ClientSampleId :

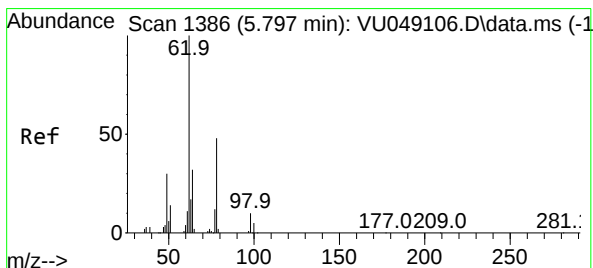
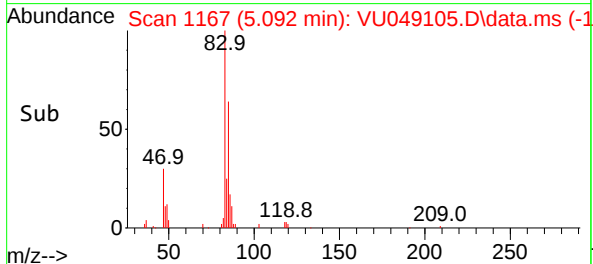
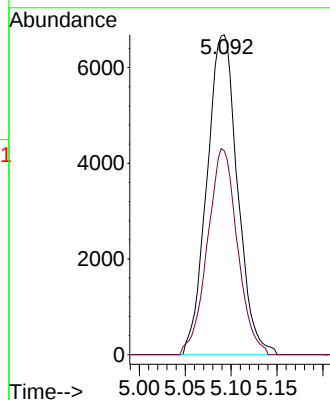
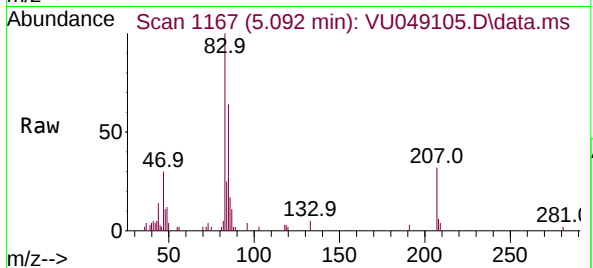
VSTD001033

Tgt Ion: 83 Resp: 15548

Ion Ratio Lower Upper

83 100

85 63.7 45.8 85.2



#27

1,2-Dichloroethane

Concen: 0.787 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU049105.D

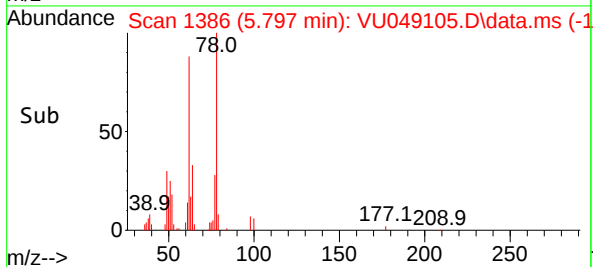
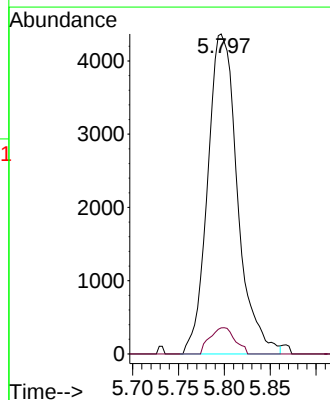
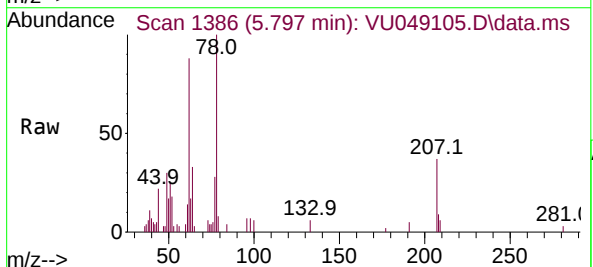
Acq: 14 Jun 2022 11:08

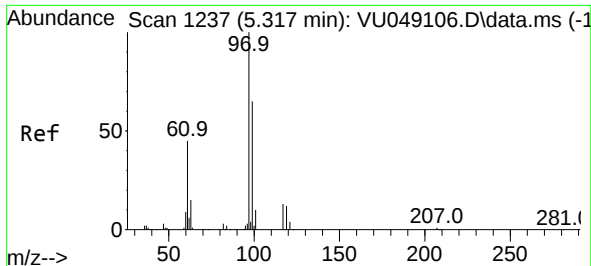
Tgt Ion: 62 Resp: 9907

Ion Ratio Lower Upper

62 100

98 8.2 7.6 11.4

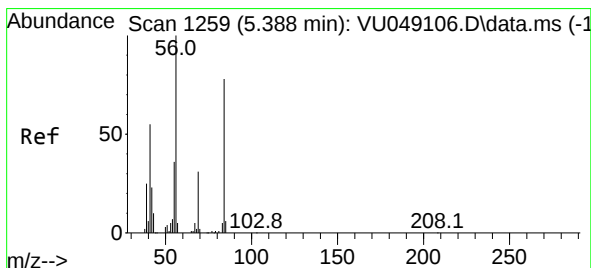
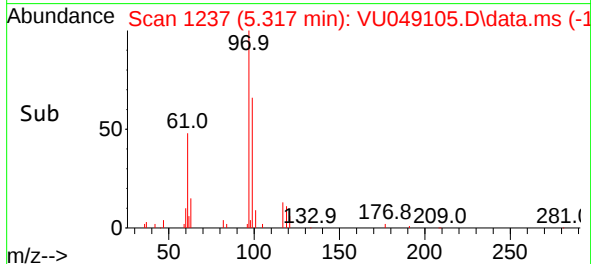
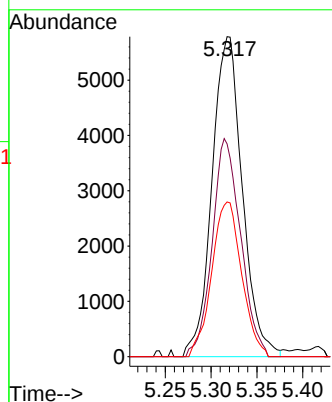
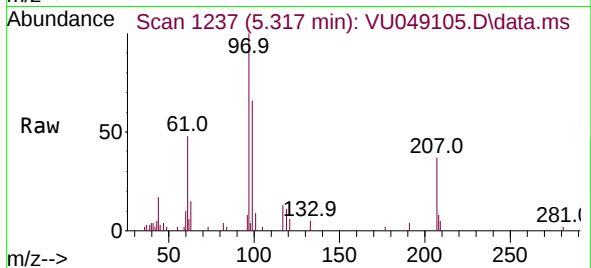




#29
1,1,1-Trichloroethane
Concen: 0.813 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

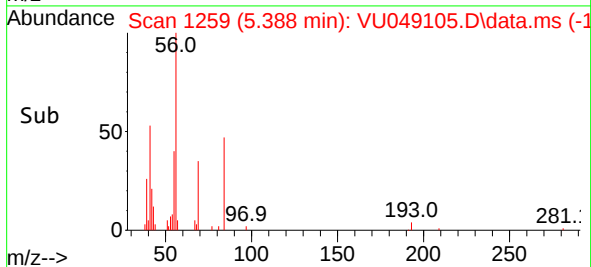
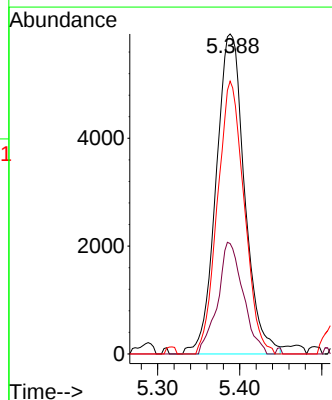
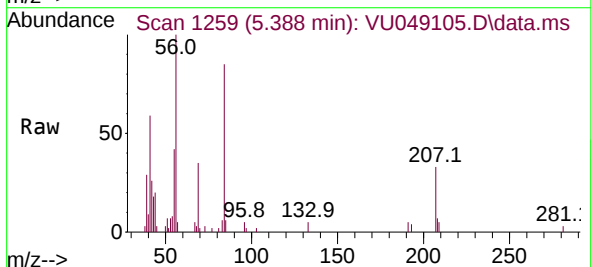
Instrument :
MSVOA_U
ClientSampleId :
VSTD001033

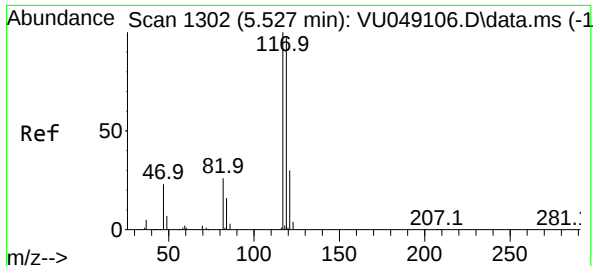
Tgt Ion: 97 Resp: 13309
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.4
61 47.7 36.2 54.4



#30
Cyclohexane
Concen: 0.961 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

Tgt Ion: 56 Resp: 14326
Ion Ratio Lower Upper
56 100
69 31.0 23.8 35.6
84 79.9 61.2 91.8

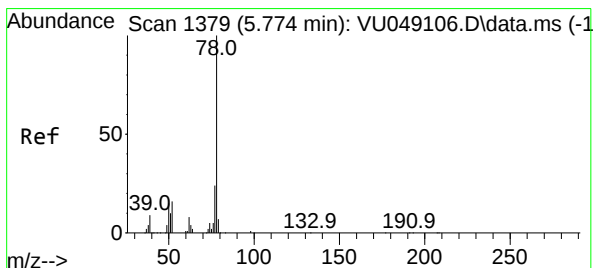
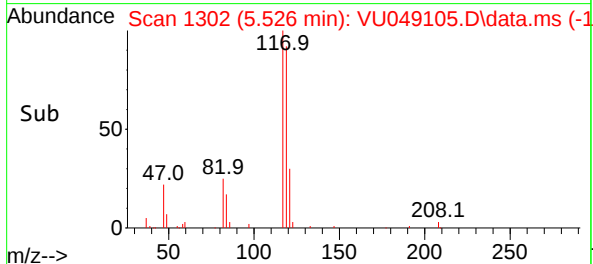
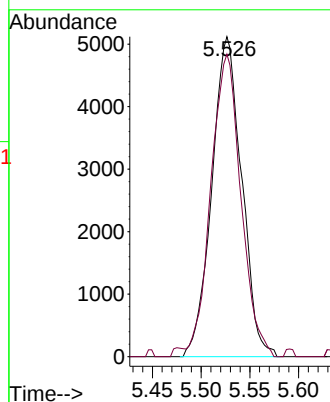
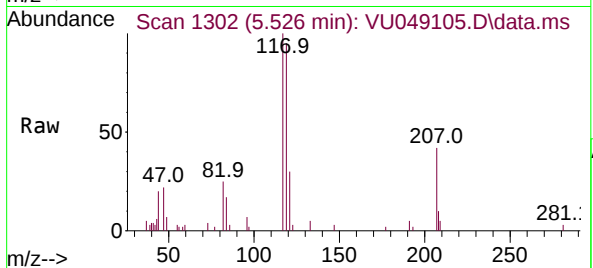




#31
Carbon tetrachloride
Concen: 0.759 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

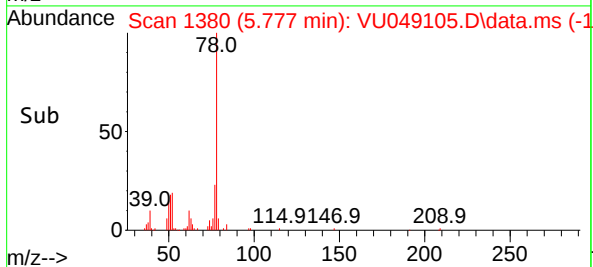
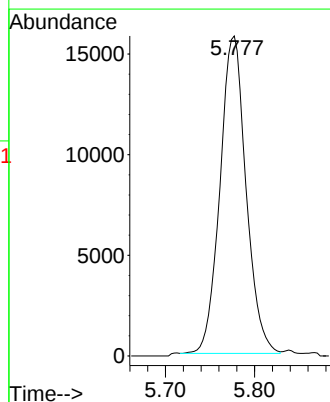
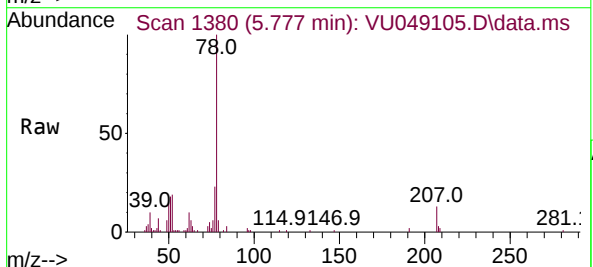
Instrument :
MSVOA_U
ClientSampleId :
VSTD001033

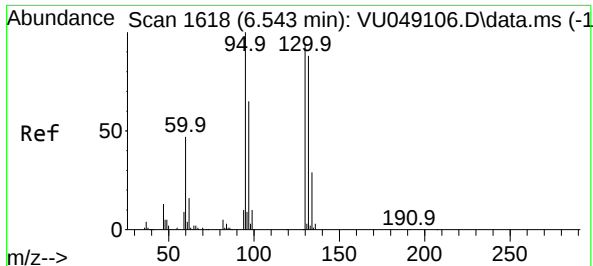
Tgt Ion:117 Resp: 10900
Ion Ratio Lower Upper
117 100
119 95.0 78.3 117.5



#33
Benzene
Concen: 0.820 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

Tgt Ion: 78 Resp: 32075

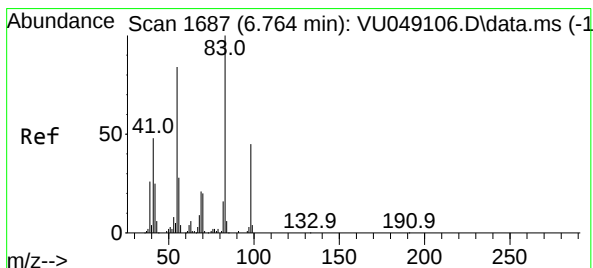
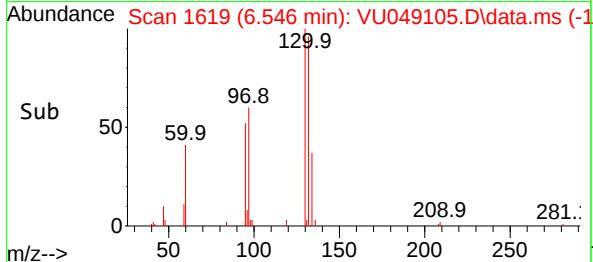
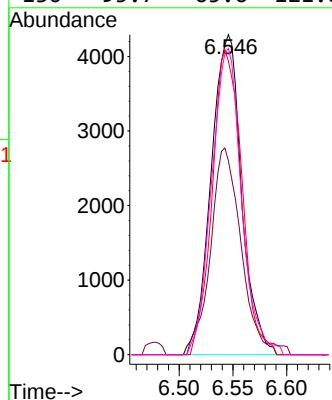
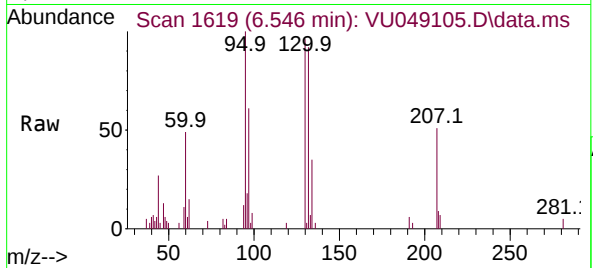




#34
Trichloroethene
Concen: 0.837 ug/L
RT: 6.546 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

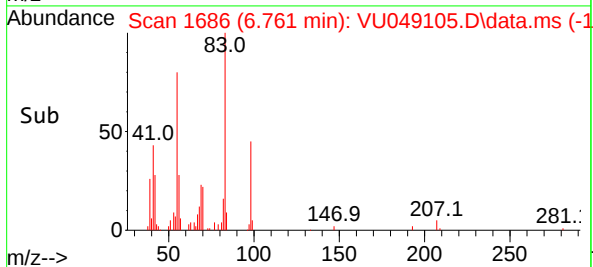
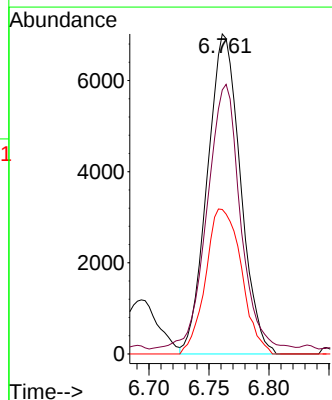
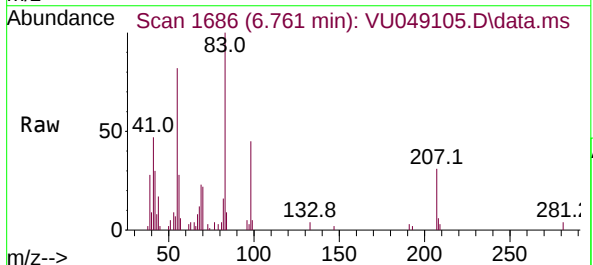
Instrument :
MSVOA_U
ClientSampleId :
VSTD001033

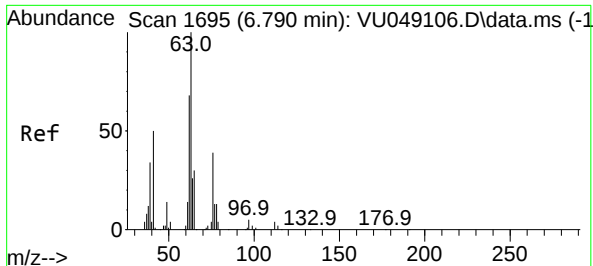
Tgt Ion:	95	Resp:	8437
Ion	Ratio	Lower	Upper
95	100		
97	60.7	45.3	84.1
132	91.8	61.5	114.3
130	95.7	65.6	121.8



#35
Methylcyclohexane
Concen: 0.882 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

Tgt Ion:	83	Resp:	13477
Ion	Ratio	Lower	Upper
83	100		
55	82.8	66.9	100.3
98	48.8	35.5	53.3

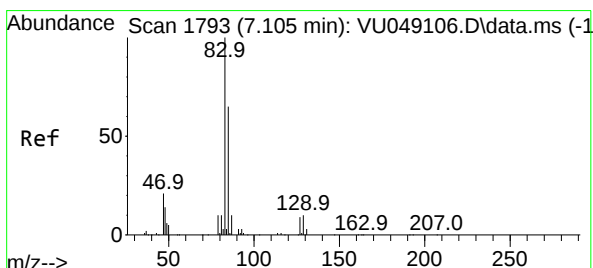
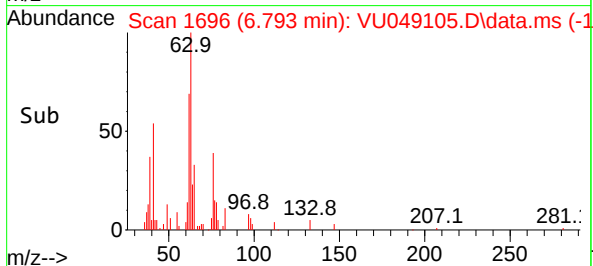
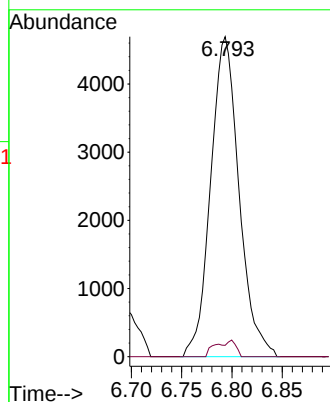
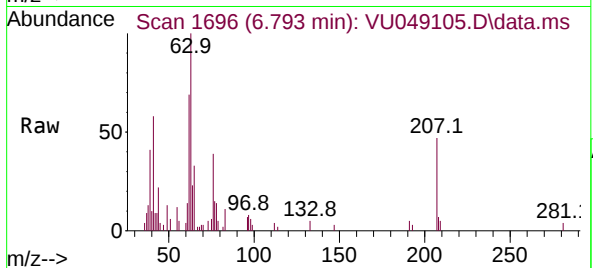




#37
1,2-Dichloropropane
Concen: 0.894 ug/L
RT: 6.793 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

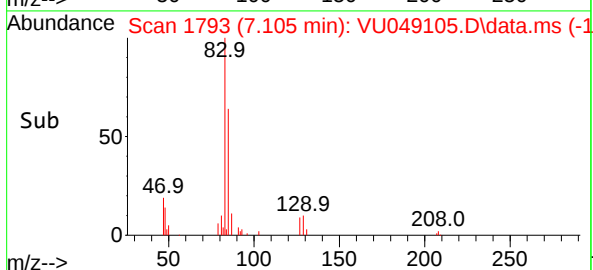
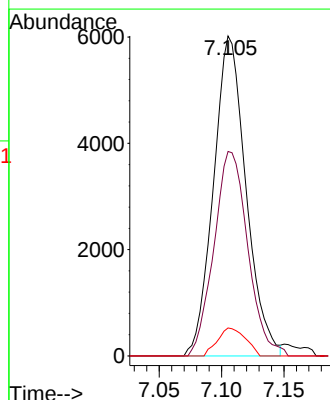
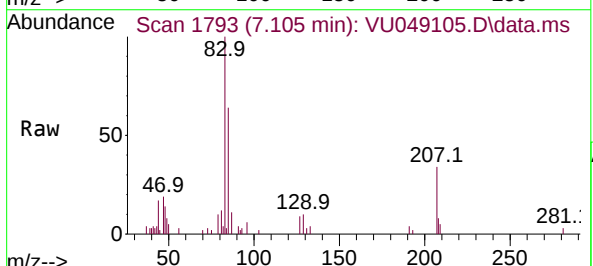
Instrument :
MSVOA_U
ClientSampleId :
VSTD001033

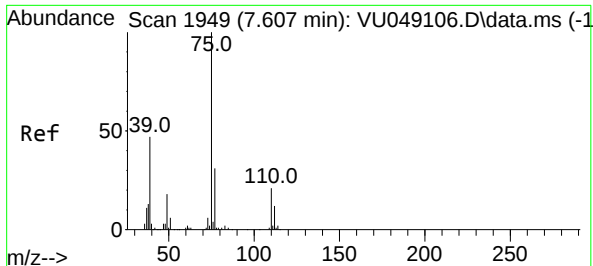
Tgt Ion: 63 Resp: 9208
Ion Ratio Lower Upper
63 100
112 1.6 2.8 4.2#



#38
Bromodichloromethane
Concen: 0.804 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

Tgt Ion: 83 Resp: 10929
Ion Ratio Lower Upper
83 100
85 63.9 45.5 84.5
127 8.8 7.1 10.7

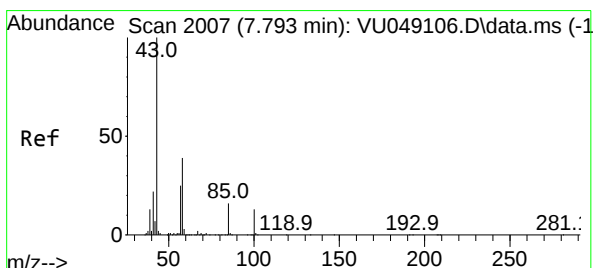
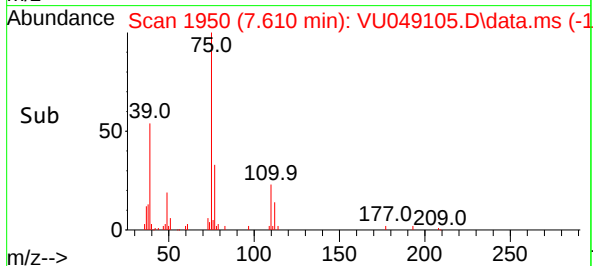
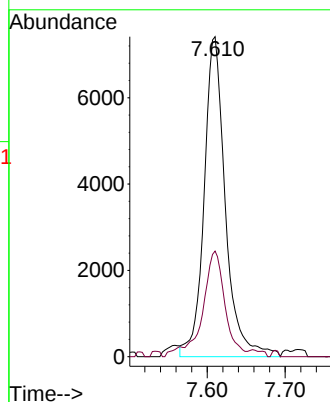
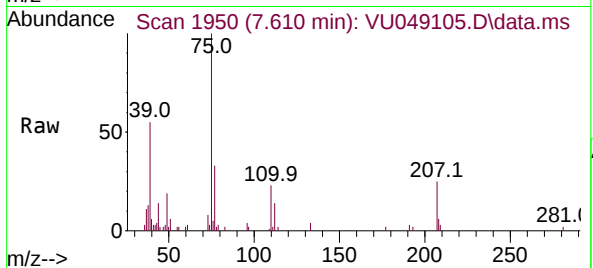




#39
cis-1,3-Dichloropropene
Concen: 0.974 ug/L
RT: 7.610 min Scan# 1949
Delta R.T. 0.003 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

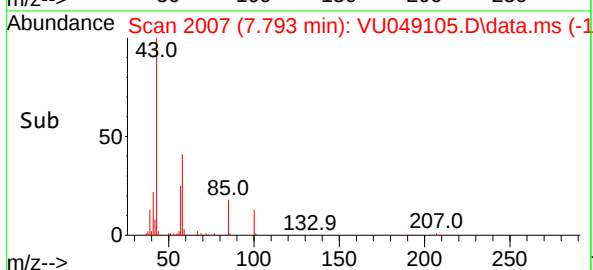
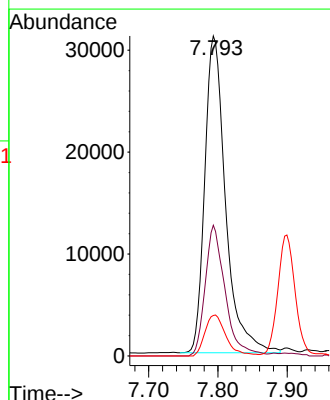
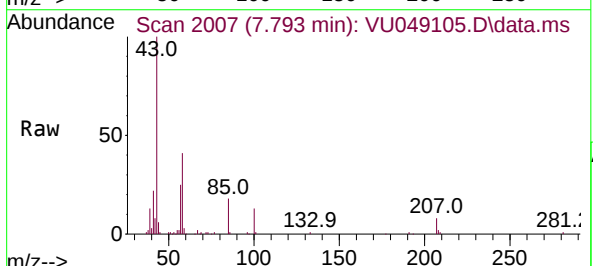
Instrument :
MSVOA_U
ClientSampleId :
VSTD001033

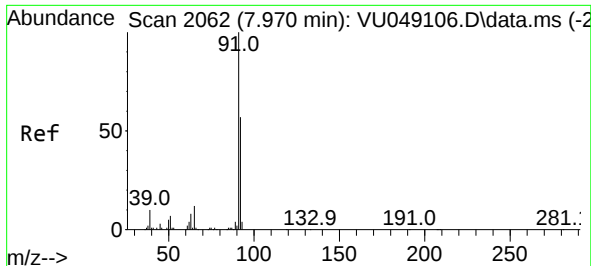
Tgt Ion: 75 Resp: 14062
Ion Ratio Lower Upper
75 100
77 33.0 21.8 40.4



#40
4-Methyl-2-pentanone
Concen: 9.574 ug/L
RT: 7.793 min Scan# 2007
Delta R.T. -0.000 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

Tgt Ion: 43 Resp: 64811
Ion Ratio Lower Upper
43 100
58 39.4 31.4 47.2
100 13.1 10.5 15.7





#42

Toluene

Concen: 0.913 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU049105.D

Acq: 14 Jun 2022 11:08

Instrument :

MSVOA_U

ClientSampleId :

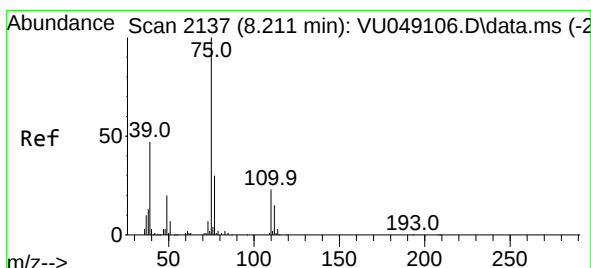
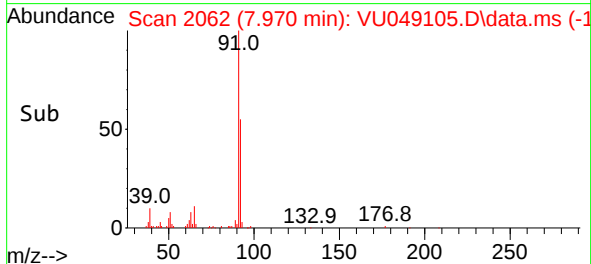
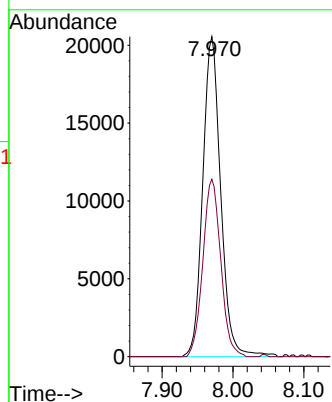
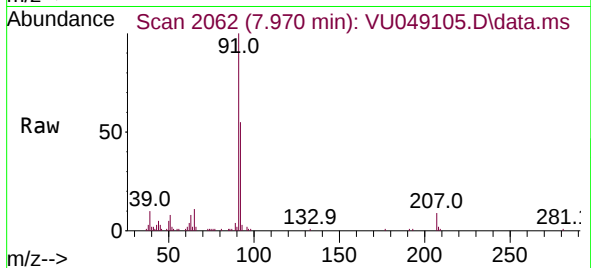
VSTD001033

Tgt Ion: 91 Resp: 36184

Ion Ratio Lower Upper

91 100

92 55.5 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 0.933 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU049105.D

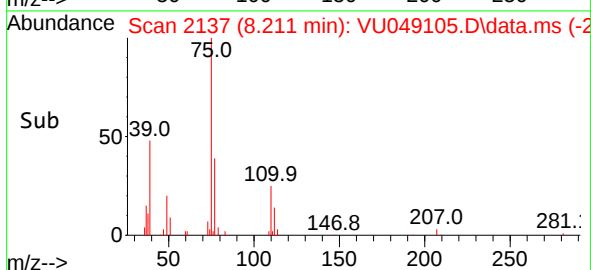
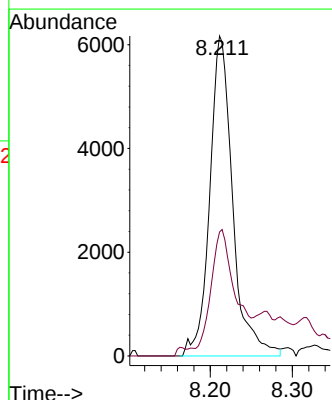
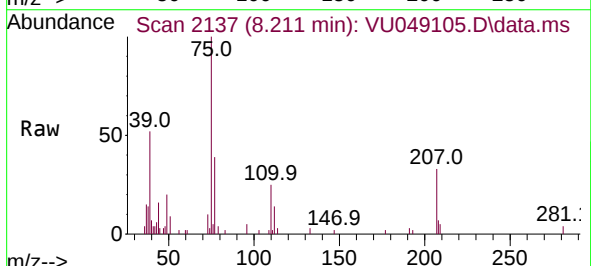
Acq: 14 Jun 2022 11:08

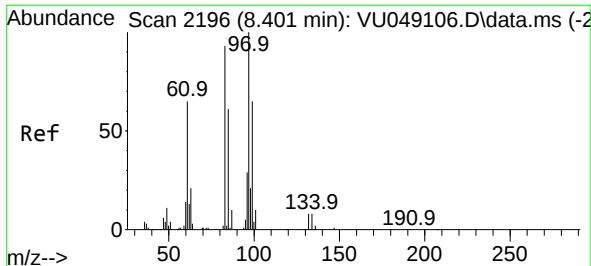
Tgt Ion: 75 Resp: 11967

Ion Ratio Lower Upper

75 100

77 38.8 21.1 39.3

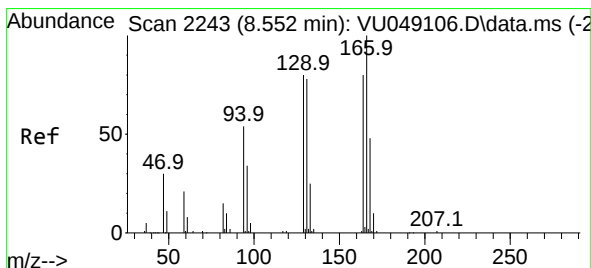
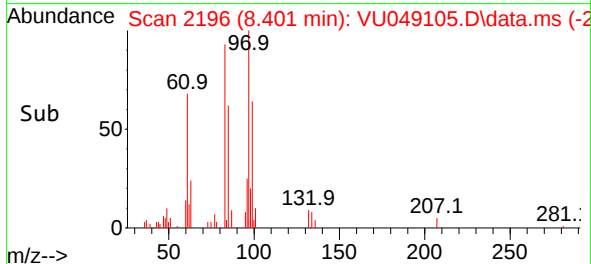
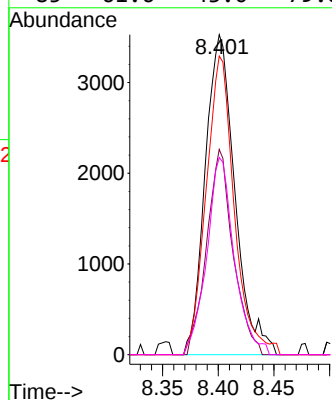
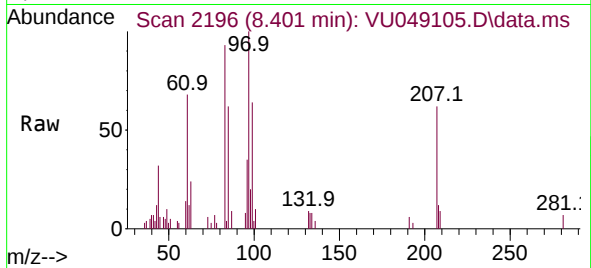




#45
1,1,2-Trichloroethane
Concen: 0.897 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

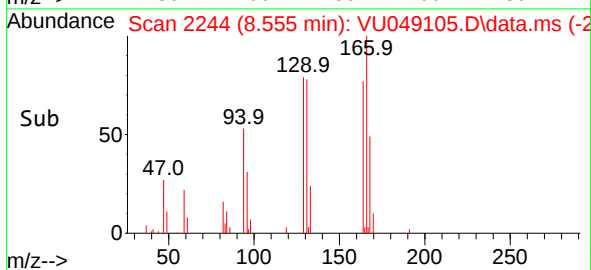
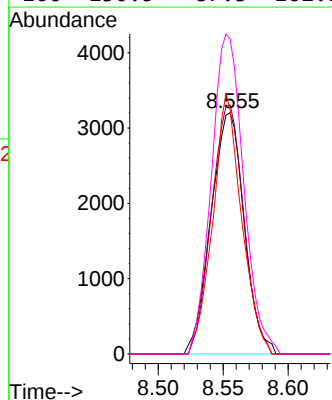
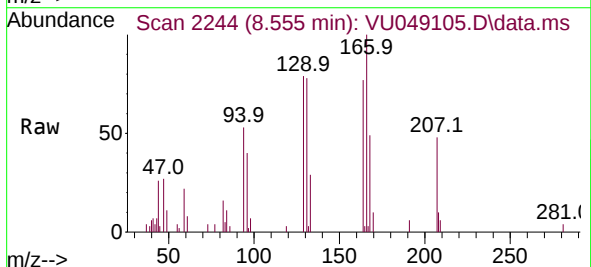
Instrument :
MSVOA_U
ClientSampleId :
VSTD001033

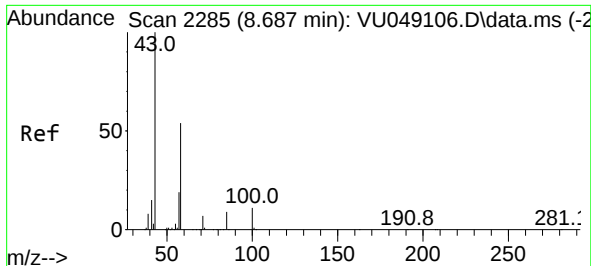
Tgt Ion:	97	Resp:	6526
Ion	Ratio	Lower	Upper
97	100		
99	64.1	45.6	84.8
83	93.4	65.4	121.4
85	61.6	43.0	79.8



#47
Tetrachloroethene
Concen: 0.731 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

Tgt Ion:	164	Resp:	5696
Ion	Ratio	Lower	Upper
164	100		
129	103.2	69.8	129.6
131	101.2	67.8	125.8
166	130.5	87.3	162.1





#48

2-Hexanone

Concen: 8.973 ug/L

RT: 8.690 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU049105.D

Acq: 14 Jun 2022 11:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD001033

Tgt Ion: 43 Resp: 44654

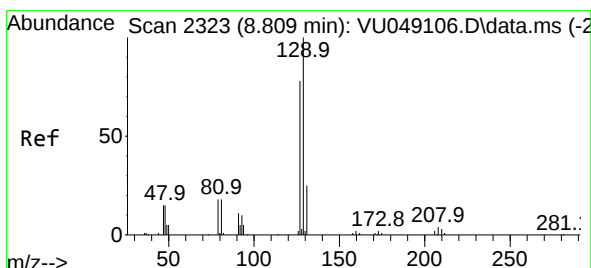
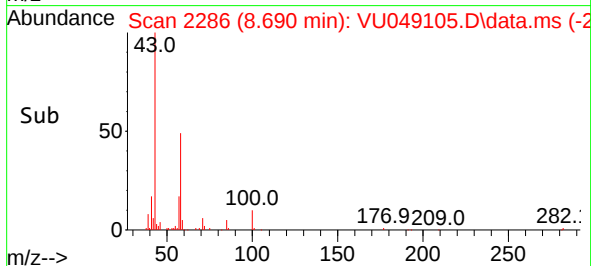
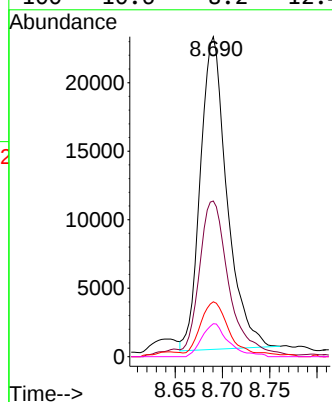
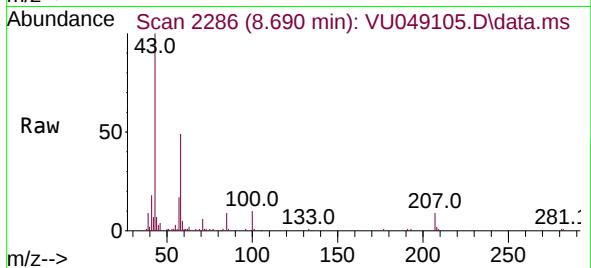
Ion Ratio Lower Upper

43 100

58 54.7 43.4 65.0

57 18.3 14.9 22.3

100 10.6 8.2 12.4



#49

Dibromochloromethane

Concen: 0.792 ug/L

RT: 8.809 min Scan# 2323

Delta R.T. -0.000 min

Lab File: VU049105.D

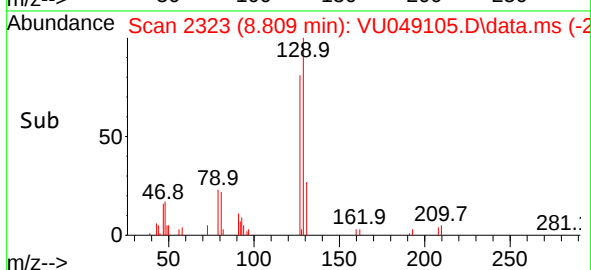
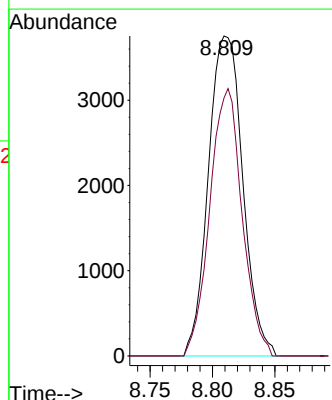
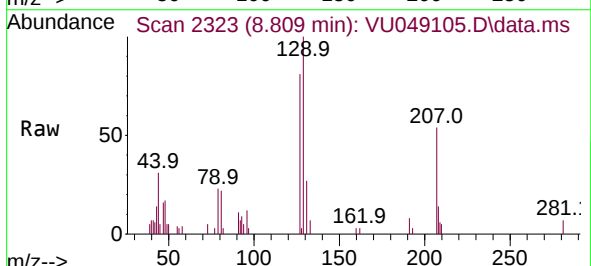
Acq: 14 Jun 2022 11:08

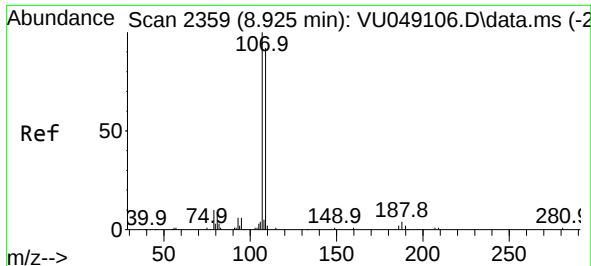
Tgt Ion: 129 Resp: 7220

Ion Ratio Lower Upper

129 100

127 80.7 54.9 101.9





#50

1,2-Dibromoethane

Concen: 0.797 ug/L

RT: 8.928 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU049105.D

Acq: 14 Jun 2022 11:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD001033

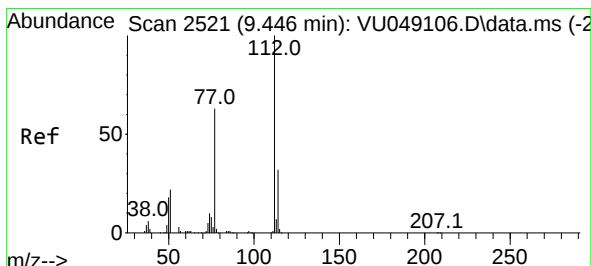
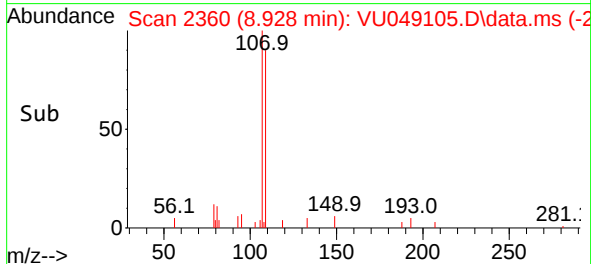
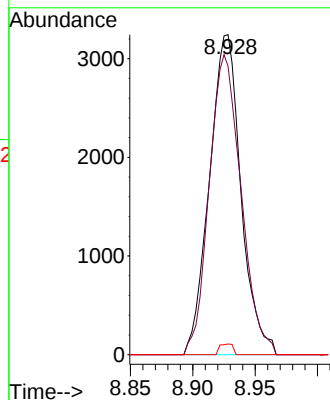
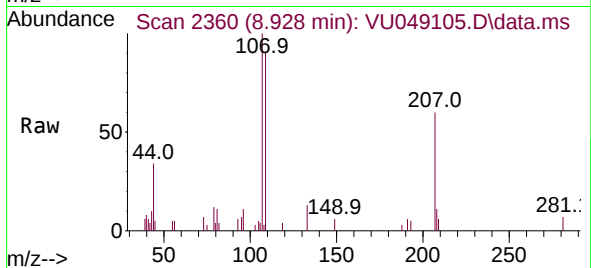
Tgt Ion:107 Resp: 5693

Ion Ratio Lower Upper

107 100

109 90.1 64.4 119.6

188 3.4 2.9 4.3



#51

Chlorobenzene

Concen: 0.851 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU049105.D

Acq: 14 Jun 2022 11:08

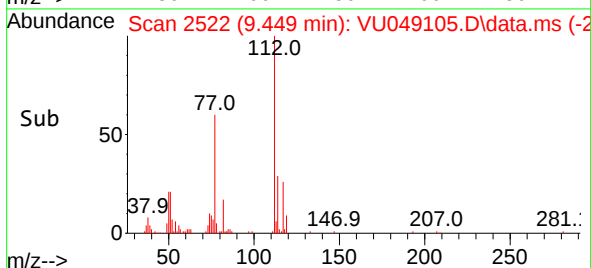
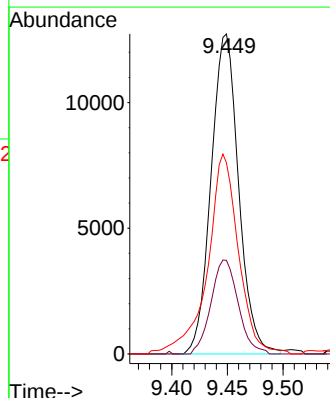
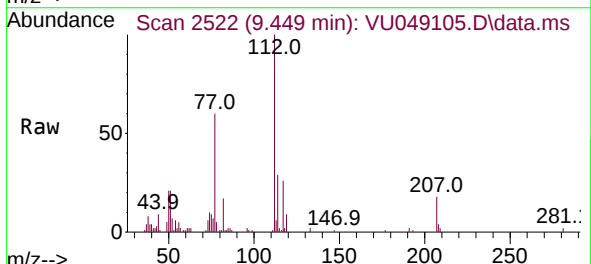
Tgt Ion:112 Resp: 21927

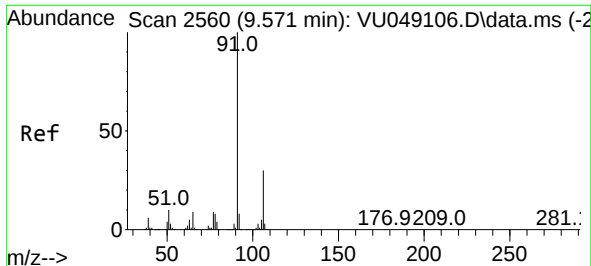
Ion Ratio Lower Upper

112 100

114 29.3 22.3 41.3

77 59.7 51.0 76.6

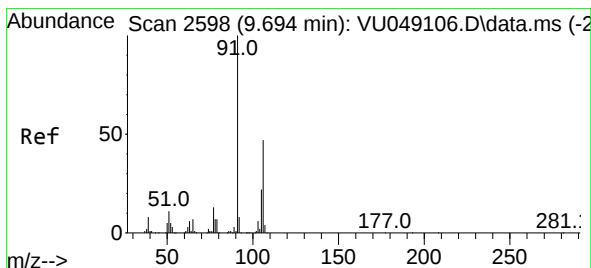
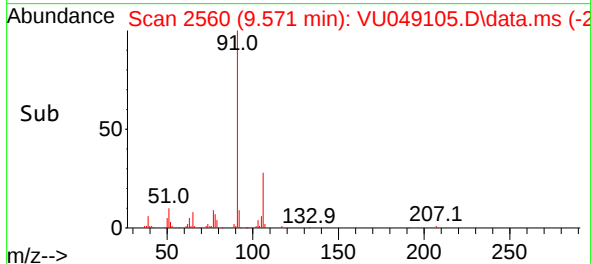
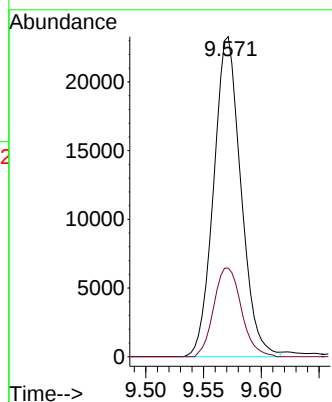
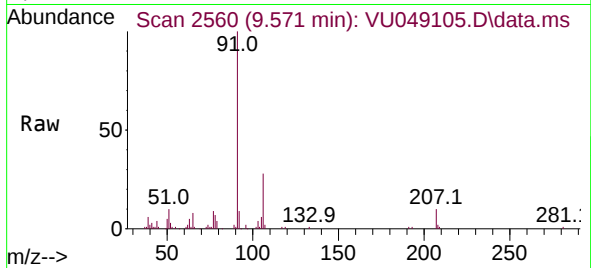




#52
Ethylbenzene
Concen: 0.927 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

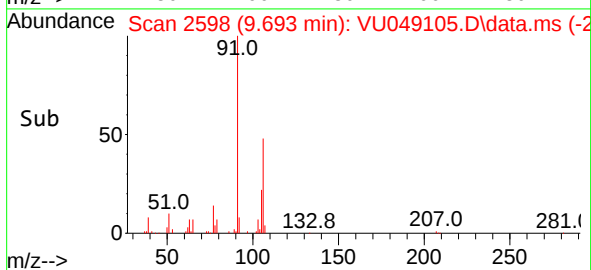
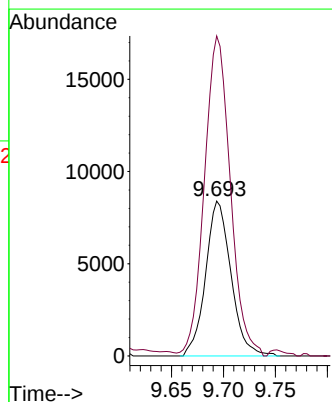
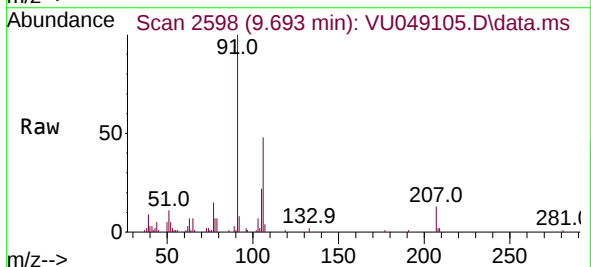
Instrument :
MSVOA_U
ClientSampleId :
VSTD001033

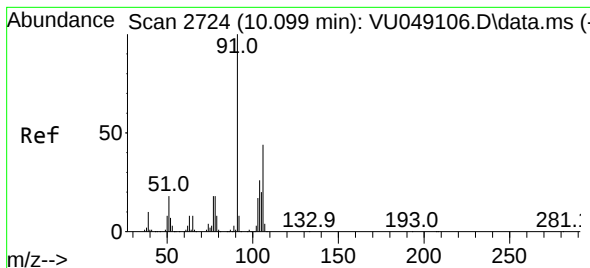
Tgt Ion: 91 Resp: 38255
Ion Ratio Lower Upper
91 100
106 27.7 21.2 39.4



#53
m,p-Xylene
Concen: 0.868 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

Tgt Ion: 106 Resp: 14285
Ion Ratio Lower Upper
106 100
91 206.7 148.5 275.7





#54

o-Xylene

Concen: 0.888 ug/L

RT: 10.099 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU049105.D

Acq: 14 Jun 2022 11:08

Instrument :

MSVOA_U

ClientSampleId :

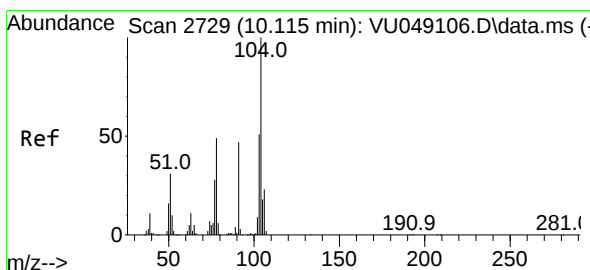
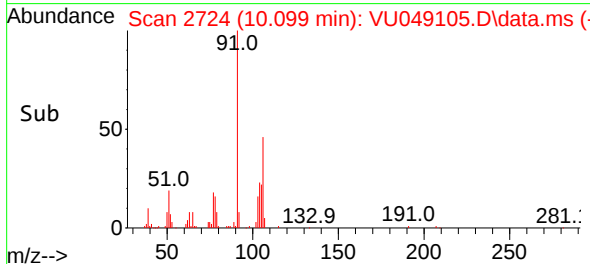
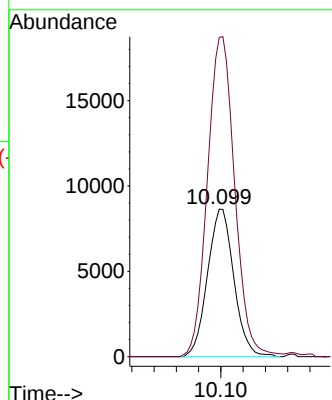
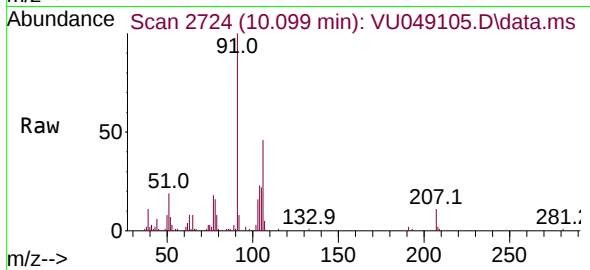
VSTD001033

Tgt Ion:106 Resp: 14194

Ion Ratio Lower Upper

106 100

91 216.5 157.5 292.5



#55

Styrene

Concen: 0.859 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU049105.D

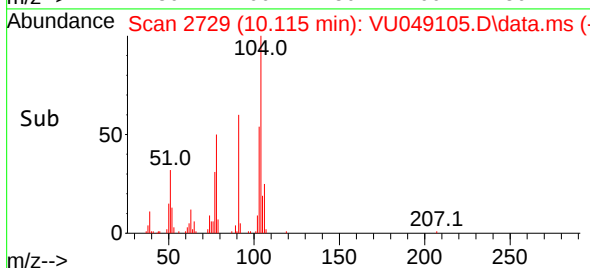
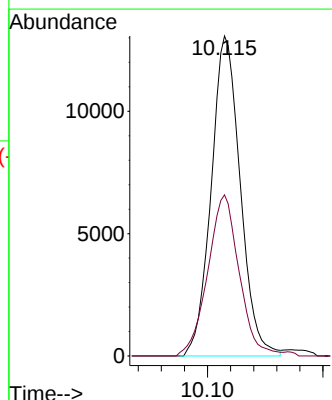
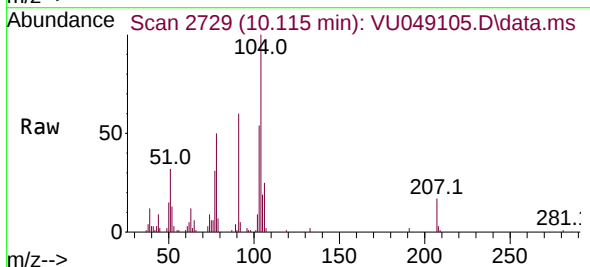
Acq: 14 Jun 2022 11:08

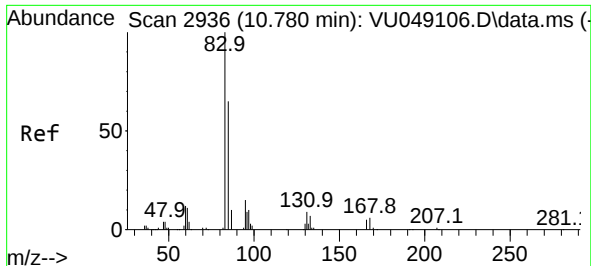
Tgt Ion:104 Resp: 22864

Ion Ratio Lower Upper

104 100

78 50.3 34.1 63.3





#57

1,1,2,2-Tetrachloroethane

Concen: 0.878 ug/L

RT: 10.783 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VU049105.D

Acq: 14 Jun 2022 11:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD001033

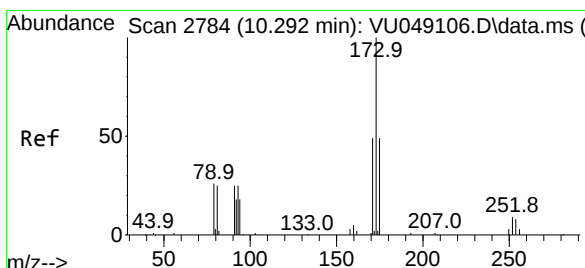
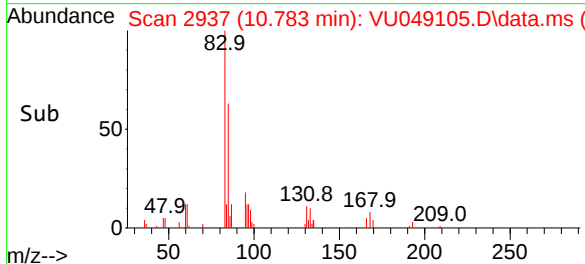
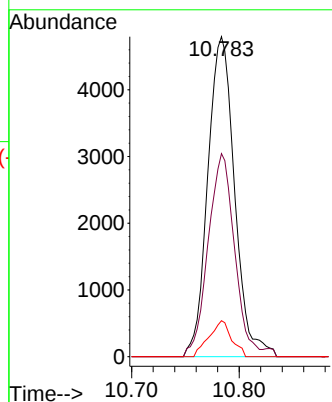
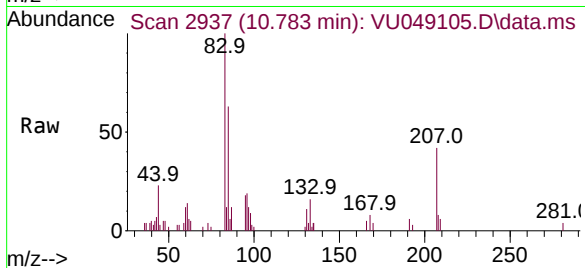
Tgt Ion: 83 Resp: 8313

Ion Ratio Lower Upper

83 100

85 63.5 45.4 84.4

131 11.2 7.1 10.7#



#59

Bromoform

Concen: 0.789 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU049105.D

Acq: 14 Jun 2022 11:08

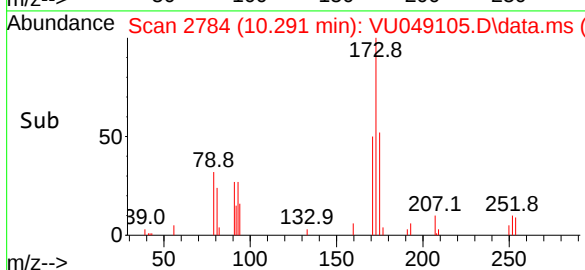
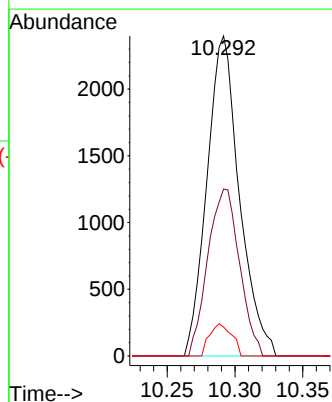
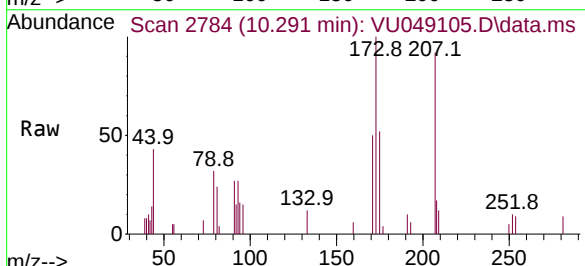
Tgt Ion: 173 Resp: 3988

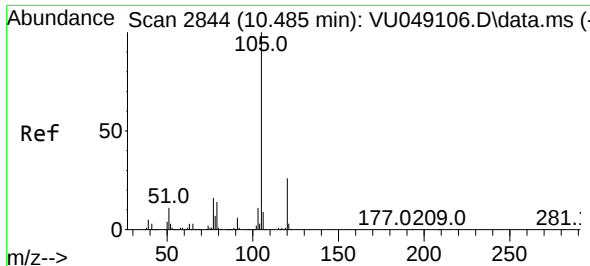
Ion Ratio Lower Upper

173 100

175 50.9 37.9 56.9

254 6.9 6.6 9.8

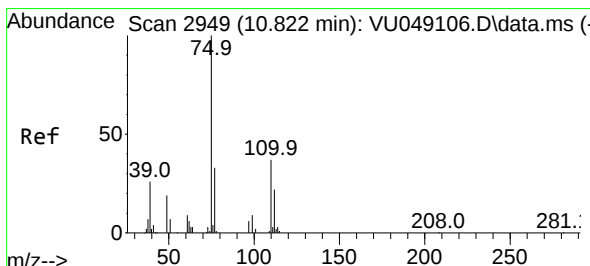
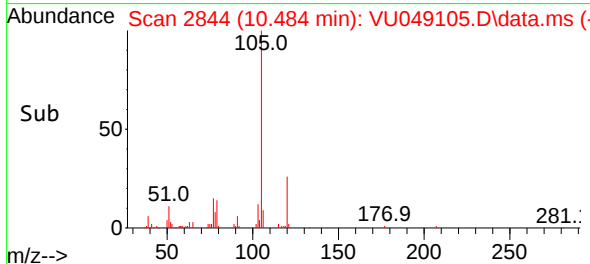
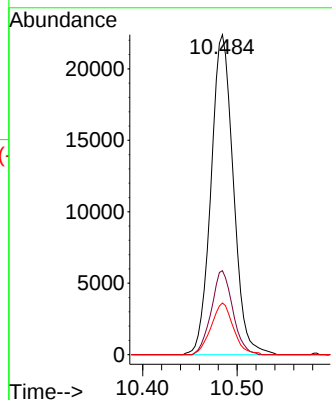
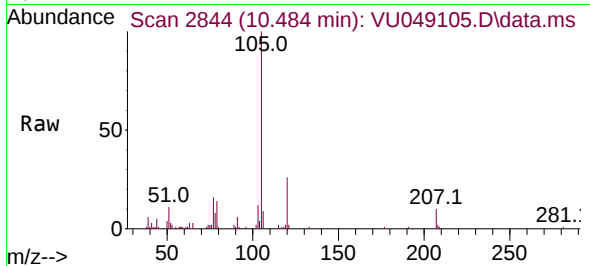




#60
Isopropylbenzene
Concen: 0.948 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

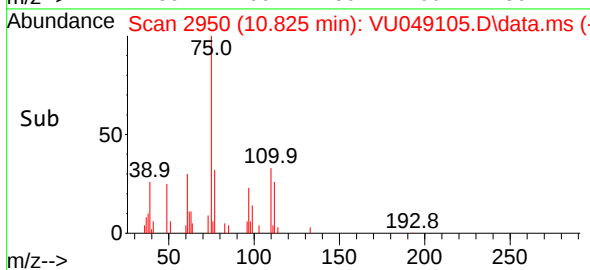
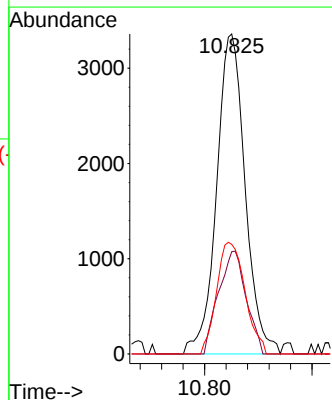
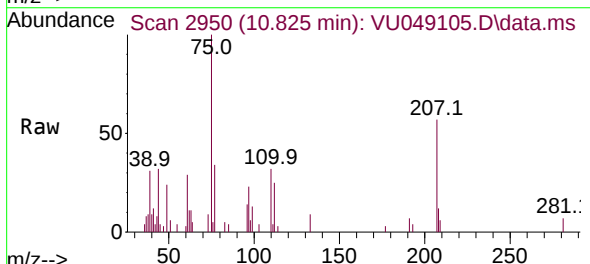
Instrument :
MSVOA_U
ClientSampleId :
VSTD001033

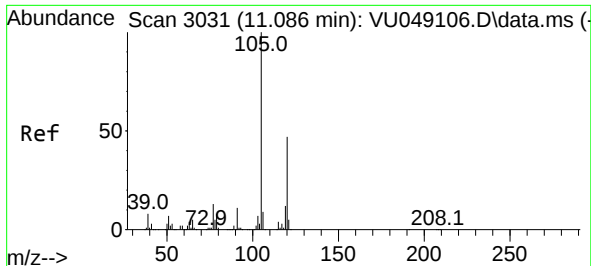
Tgt Ion:105 Resp: 36702
Ion Ratio Lower Upper
105 100
120 25.3 20.3 30.5
77 16.1 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 0.922 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

Tgt Ion: 75 Resp: 6191
Ion Ratio Lower Upper
75 100
110 31.1 29.0 43.4
77 34.7 26.2 39.2





#62

1,3,5-Trimethylbenzene

Concen: 0.979 ug/L

RT: 11.089 min Scan# 3031

Delta R.T. 0.003 min

Lab File: VU049105.D

Acq: 14 Jun 2022 11:08

Instrument :

MSVOA_U

ClientSampleId :

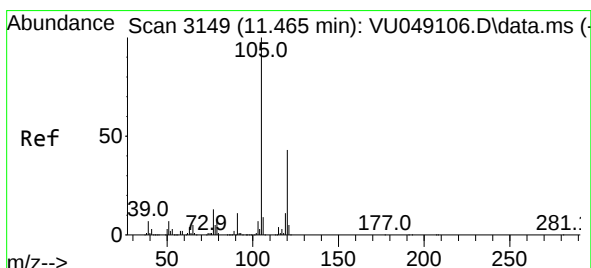
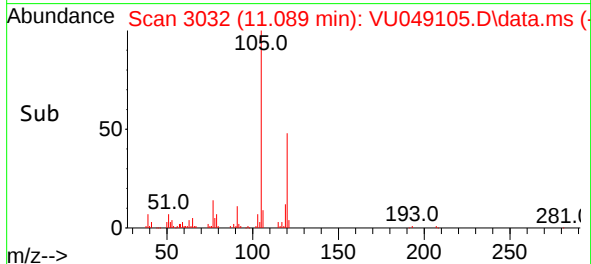
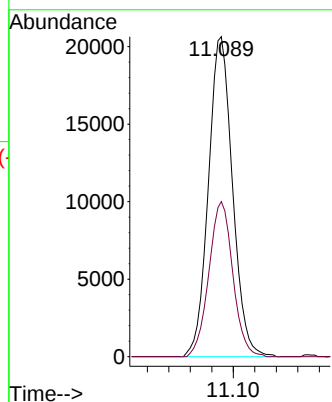
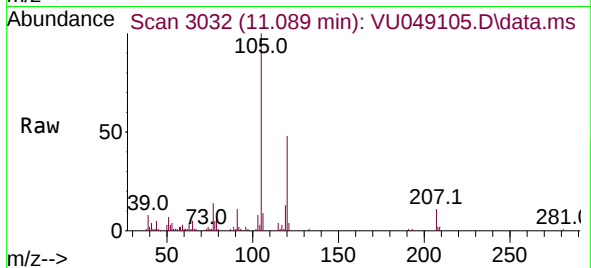
VSTD001033

Tgt Ion:105 Resp: 32118

Ion Ratio Lower Upper

105 100

120 48.1 37.8 56.6



#63

1,2,4-Trimethylbenzene

Concen: 0.961 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VU049105.D

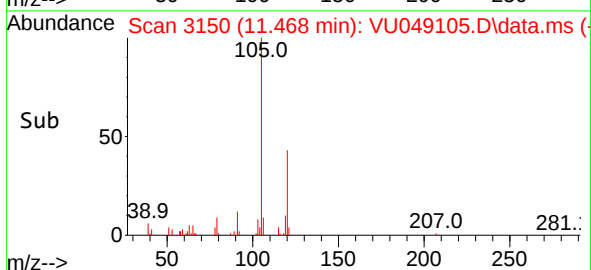
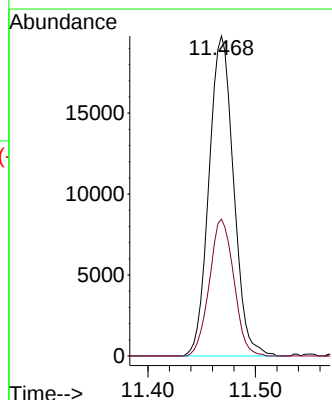
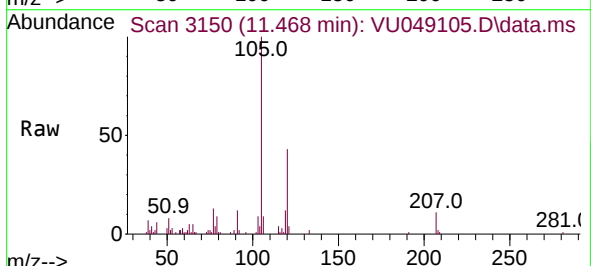
Acq: 14 Jun 2022 11:08

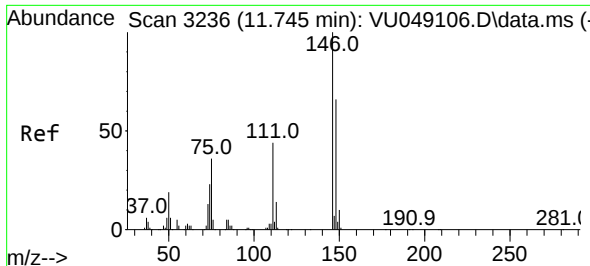
Tgt Ion:105 Resp: 31463

Ion Ratio Lower Upper

105 100

120 42.4 34.6 52.0

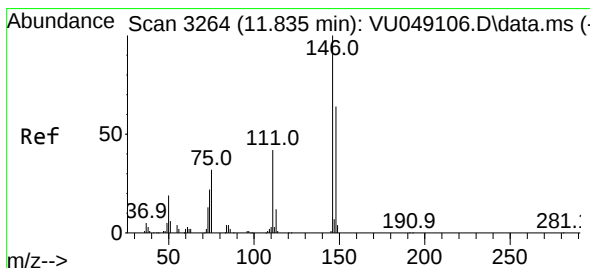
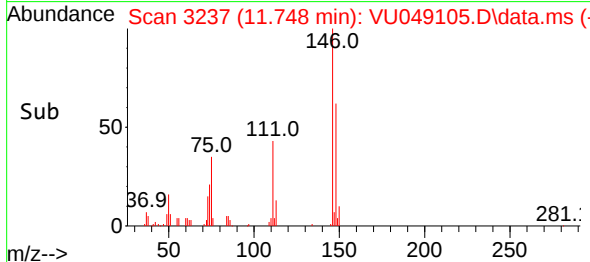
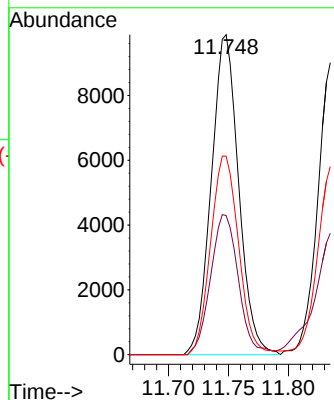
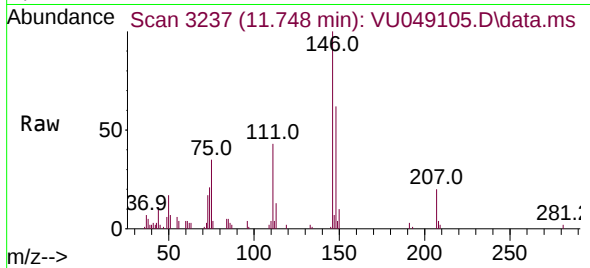




#64
1,3-Dichlorobenzene
Concen: 0.833 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

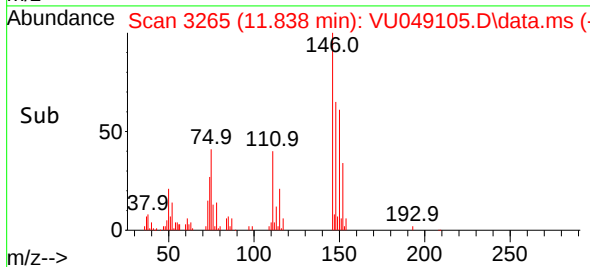
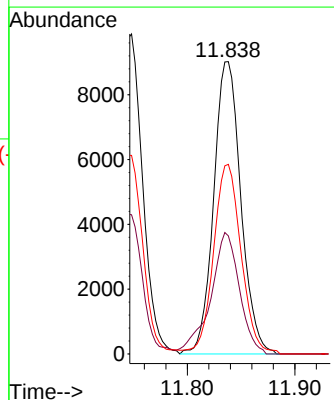
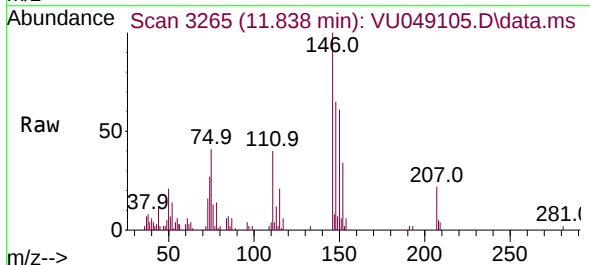
Instrument :
MSVOA_U
ClientSampleId :
VSTD001033

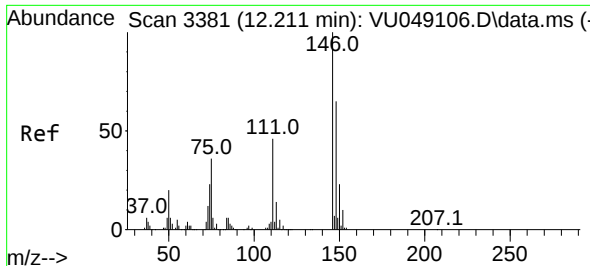
Tgt Ion:146 Resp: 15620
Ion Ratio Lower Upper
146 100
111 43.5 30.9 57.5
148 62.1 46.1 85.7



#65
1,4-Dichlorobenzene
Concen: 0.866 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

Tgt Ion:146 Resp: 15874
Ion Ratio Lower Upper
146 100
111 40.4 29.8 55.4
148 64.9 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 0.821 ug/L

RT: 12.214 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU049105.D

Acq: 14 Jun 2022 11:08

Instrument :

MSVOA_U

ClientSampleId :

VSTD001033

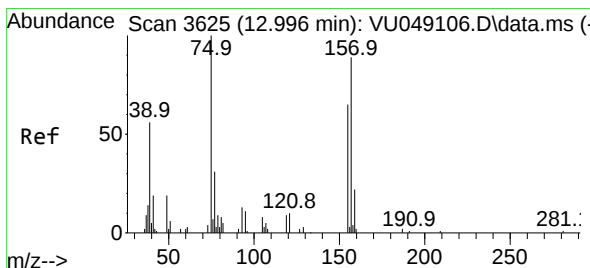
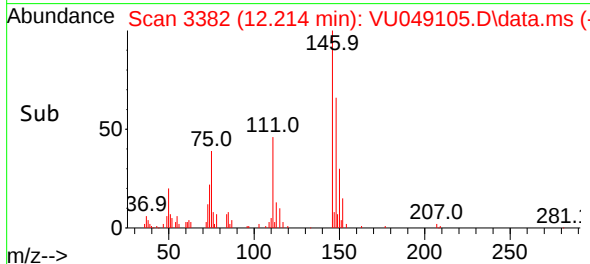
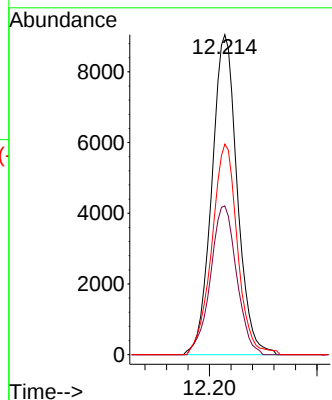
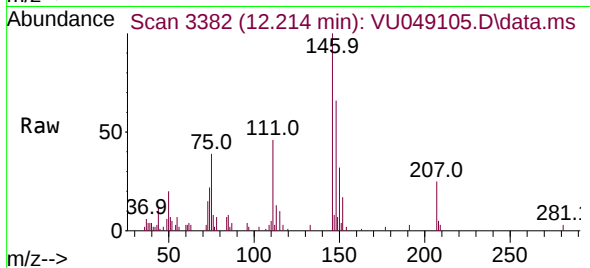
Tgt Ion:146 Resp: 14819

Ion Ratio Lower Upper

146 100

111 46.5 36.6 55.0

148 65.8 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 0.907 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU049105.D

Acq: 14 Jun 2022 11:08

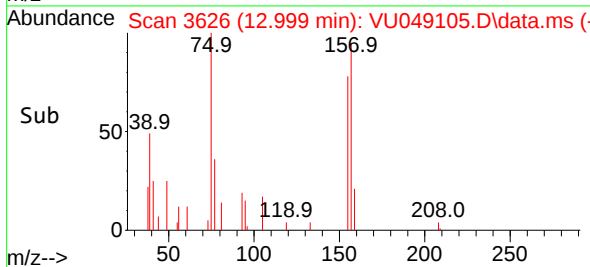
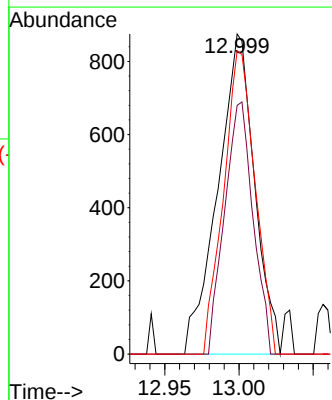
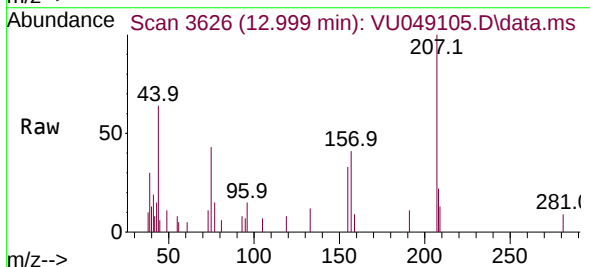
Tgt Ion: 75 Resp: 1503

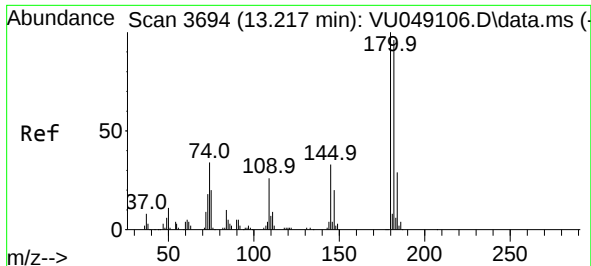
Ion Ratio Lower Upper

75 100

155 77.7 52.0 78.0

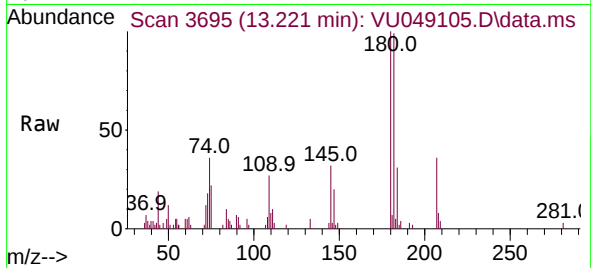
157 94.7 71.4 107.2





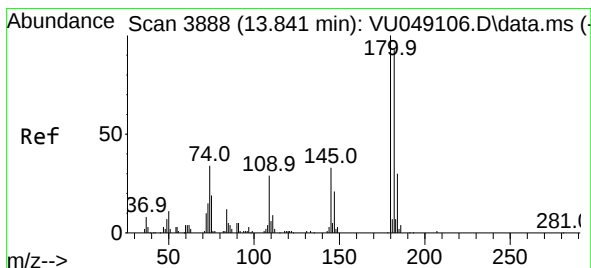
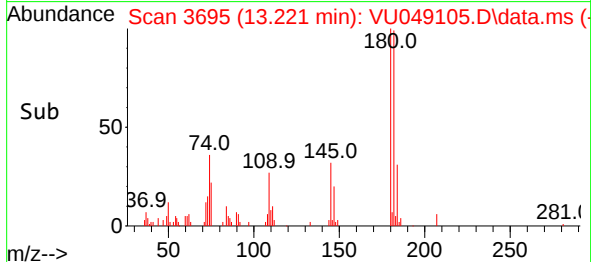
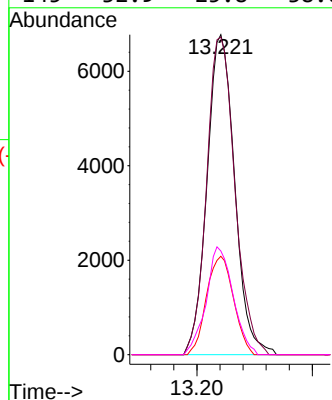
#69
 1,3,5-Trichlorobenzene
 Concen: 0.798 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU049105.D
 Acq: 14 Jun 2022 11:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001033



Tgt Ion:180 Resp: 11241

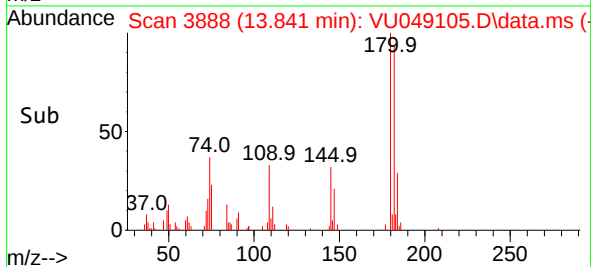
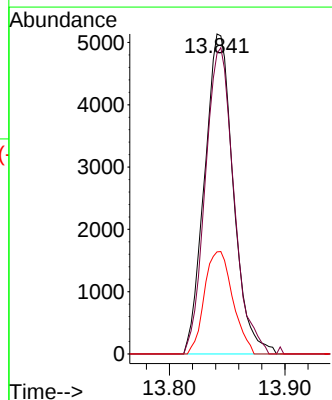
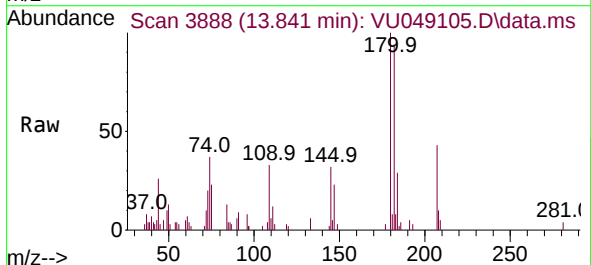
Ion	Ratio	Lower	Upper
180	100		
182	101.4	75.0	112.4
184	30.1	23.2	34.8
145	32.9	25.8	38.6

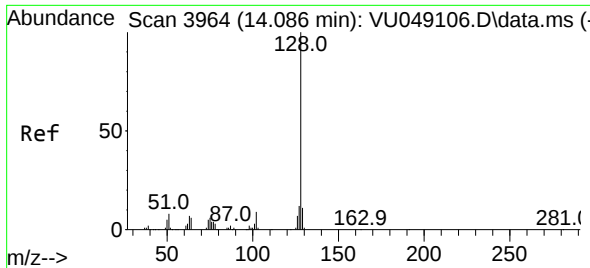


#70
 1,2,4-trichlorobenzene
 Concen: 0.796 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU049105.D
 Acq: 14 Jun 2022 11:08

Tgt Ion:180 Resp: 8886

Ion	Ratio	Lower	Upper
180	100		
182	94.8	74.6	112.0
145	31.4	26.1	39.1

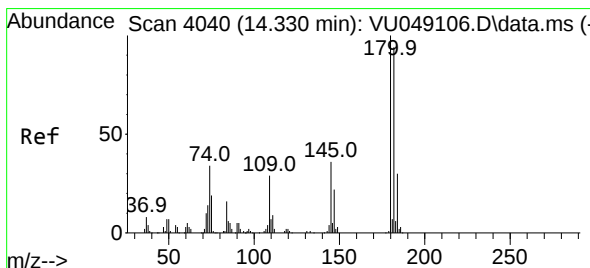
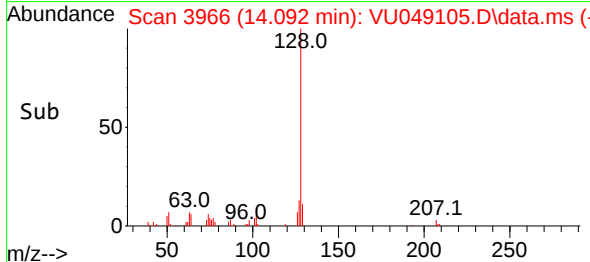
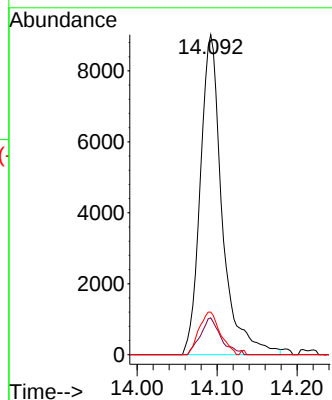
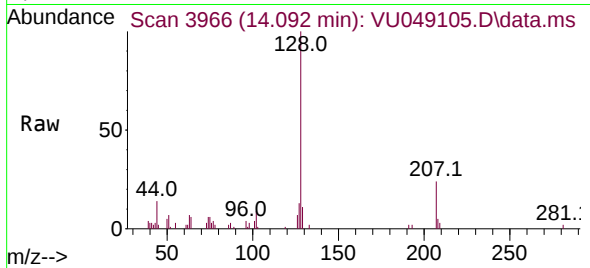




#71
Naphthalene
Concen: 0.762 ug/L
RT: 14.092 min Scan# 3964
Delta R.T. 0.006 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

Instrument :
MSVOA_U
ClientSampleId :
VSTD001033

Tgt Ion:128 Resp: 17170
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 0.798 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU049105.D
Acq: 14 Jun 2022 11:08

Tgt Ion:180 Resp: 8445
Ion Ratio Lower Upper
180 100
182 91.7 75.6 113.4
145 30.5 27.9 41.9

