

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111521\
 Data File : VU045786.D
 Acq On : 15 Nov 2021 11:16
 Operator : SY/MD
 Sample : VSTD00135
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001035

Quant Time: Nov 16 02:23:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 02:21:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	96079	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	94621	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	44592	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	7352	0.919	ug/L	0.00
7) Chloroethane-d5	1.916	69	5492	1.036	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	2921	0.917	ug/L	0.00
20) 2-Butanone-d5	4.649	46	18696	8.051	ug/L	0.00
24) Chloroform-d	5.067	84	11478	0.868	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	6959	1.005	ug/L	0.00
32) Benzene-d6	5.732	84	24121	0.882	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	7853	0.861	ug/L	0.00
41) Toluene-d8	7.903	98	21812	0.860	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	2843	0.773	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	11801	5.915	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	6519	0.816	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	7458	0.886	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	7147	0.855	ug/L	98
3) Chloromethane	1.520	50	7941	0.811	ug/L	96
5) Vinyl chloride	1.604	62	7753	0.822	ug/L	98
6) Bromomethane	1.861	94	4643	1.042	ug/L	98
8) Chloroethane	1.935	64	4695	1.046	ug/L	100
9) Trichlorofluoromethane	2.141	101	10073	1.177	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	5911	0.947	ug/L	96
12) 1,1-Dichloroethene	2.584	96	5642	0.932	ug/L	84
13) Acetone	2.671	43	11682	9.504	ug/L	96
14) Carbon disulfide	2.797	76	17574	0.845	ug/L	98
15) Methyl Acetate	2.967	43	2862	0.896	ug/L	92
16) Methylene chloride	3.051	84	9591	1.249	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	13850	0.816	ug/L	100
18) trans-1,2-Dichloroethene	3.356	96	6096	0.912	ug/L	86
19) 1,1-Dichloroethane	3.877	63	11119	0.904	ug/L	96
21) 2-Butanone	4.729	43	19187	9.136	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	6398	0.897	ug/L	100
23) Bromochloromethane	4.983	128	2679	0.869	ug/L	95
25) Chloroform	5.092	83	12259	1.002	ug/L	98
27) 1,2-Dichloroethane	5.800	62	8176	1.084	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	9464	0.970	ug/L	97
30) Cyclohexane	5.395	56	8877	0.779	ug/L	100
31) Carbon tetrachloride	5.530	117	8053	0.998	ug/L	99
33) Benzene	5.777	78	24858	0.897	ug/L	100
34) Trichloroethene	6.546	95	6502	0.899	ug/L	94
35) Methylcyclohexane	6.771	83	9162	0.751	ug/L	97
37) 1,2-Dichloropropane	6.796	63	6500	0.874	ug/L	# 94
38) Bromodichloromethane	7.108	83	7898	0.932	ug/L	97
39) cis-1,3-Dichloropropene	7.613	75	8801	0.829	ug/L	97
40) 4-Methyl-2-pentanone	7.796	43	40497	8.127	ug/L	99
42) Toluene	7.973	91	24371	0.805	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	7841	0.841	ug/L	99

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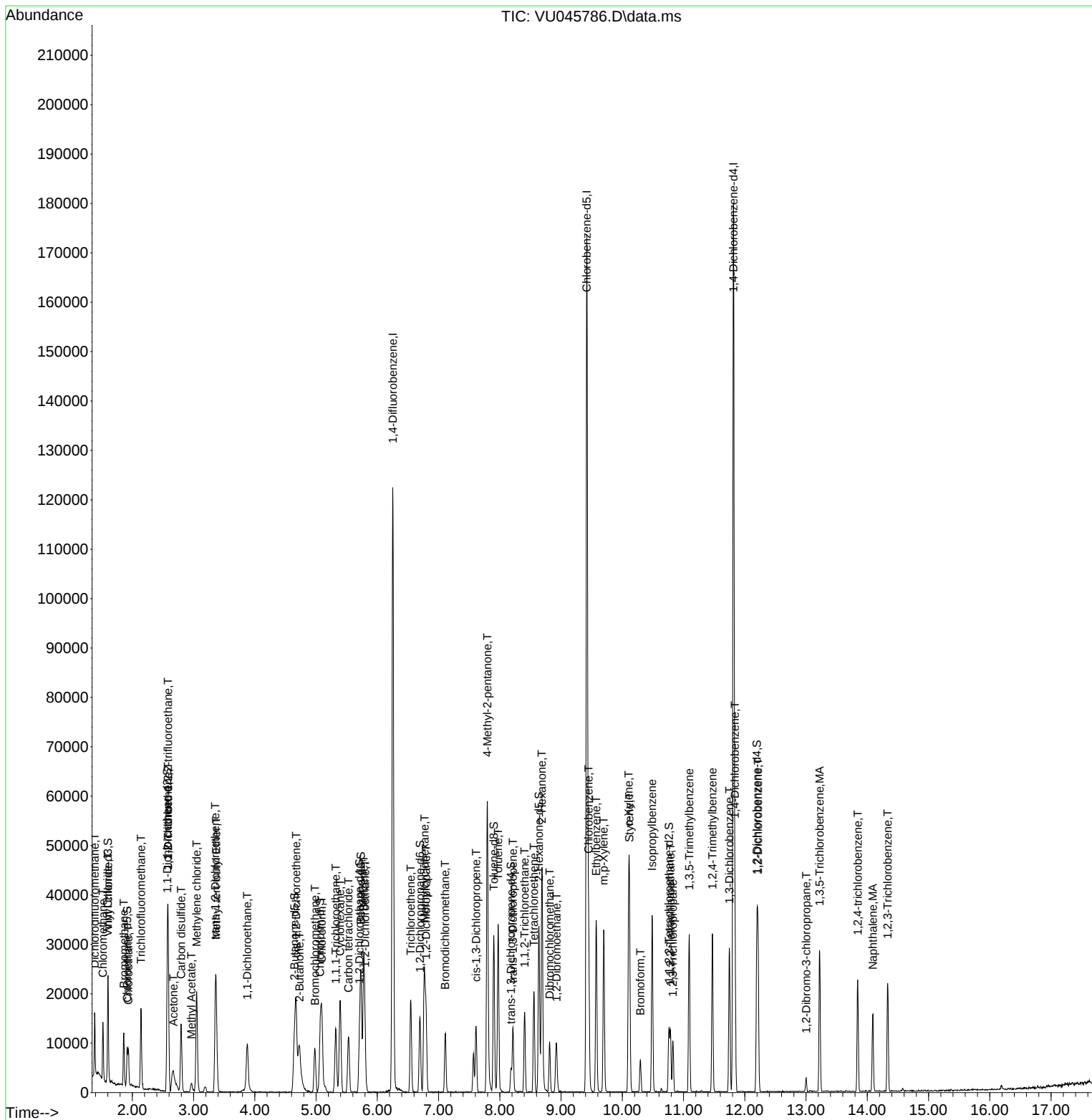
Quant Time: Nov 16 02:23:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 02:21:17 2021
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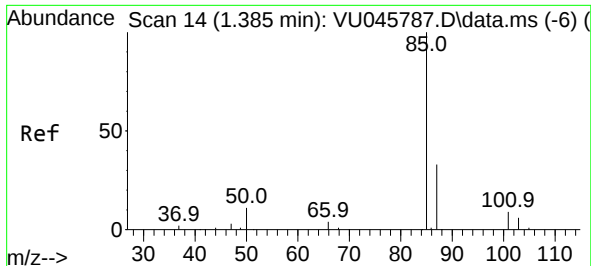
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.404	97	4974	0.927	ug/L	95
47) Tetrachloroethene	8.558	164	4385	0.855	ug/L	98
48) 2-Hexanone	8.687	43	28759	7.852	ug/L	97
49) Dibromochloromethane	8.816	129	5508	1.012	ug/L	93
50) 1,2-Dibromoethane	8.928	107	4570	0.939	ug/L #	96
51) Chlorobenzene	9.449	112	15850	0.879	ug/L	98
52) Ethylbenzene	9.574	91	24588	0.786	ug/L	100
53) m,p-Xylene	9.697	106	9262	0.760	ug/L	99
54) o-Xylene	10.105	106	8996	0.756	ug/L	99
55) Styrene	10.118	104	13783	0.694	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	6187	0.860	ug/L	95
59) Bromoform	10.295	173	2840	0.994	ug/L #	90
60) Isopropylbenzene	10.488	105	23111	0.802	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	4558	0.922	ug/L	97
62) 1,3,5-Trimethylbenzene	11.092	105	17662	0.734	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	17329	0.717	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	11902	0.905	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	11802	0.891	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	10929	0.858	ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.002	75	885	0.815	ug/L	90
69) 1,3,5-Trichlorobenzene	13.221	180	8676	0.896	ug/L	95
70) 1,2,4-trichlorobenzene	13.844	180	6960	0.814	ug/L	99
71) Naphthalene	14.092	128	12737	0.701	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	6825	0.836	ug/L	98

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

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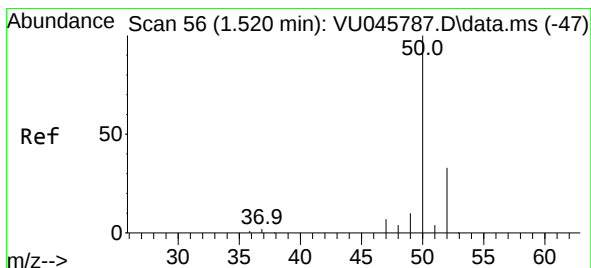
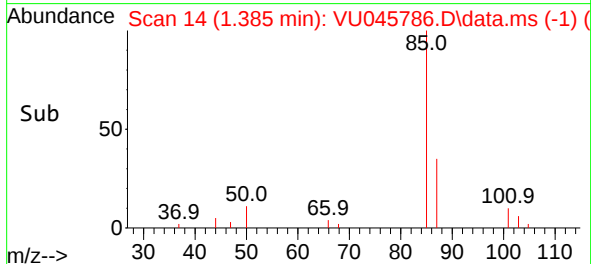
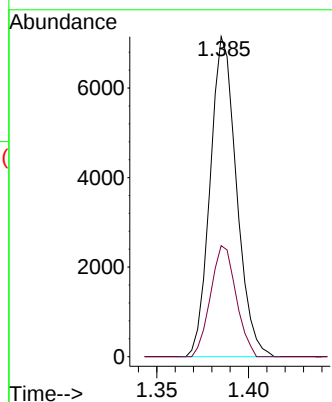
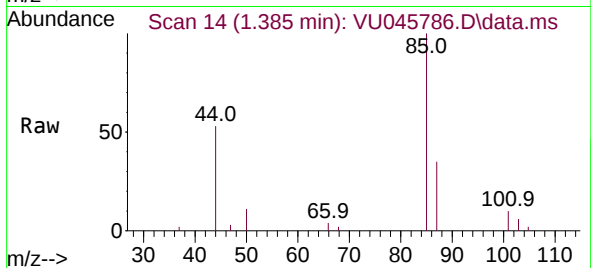




#2
Dichlorodifluoromethane
Concen: 0.855 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045786.D
Acq: 15 Nov 2021 11:16

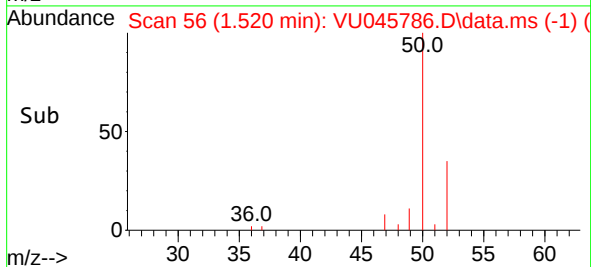
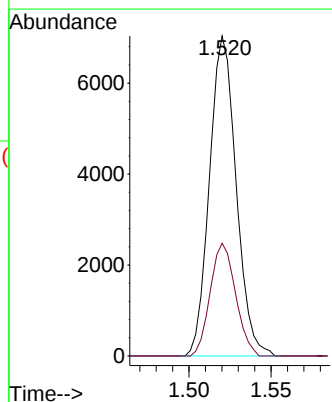
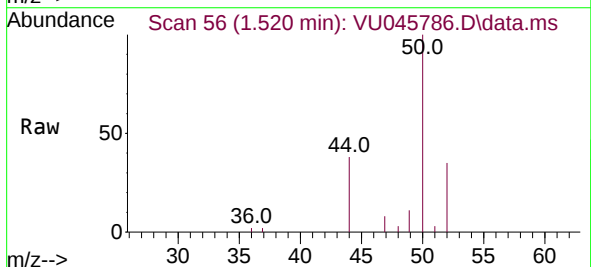
Instrument :
MSVOA_U
ClientSampleId :
VSTD001035

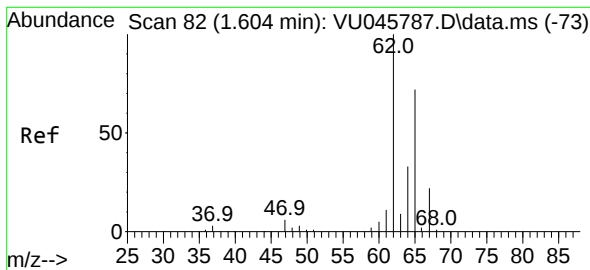
Tgt Ion: 85 Resp: 7147
Ion Ratio Lower Upper
85 100
87 33.5 25.8 38.6



#3
Chloromethane
Concen: 0.811 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045786.D
Acq: 15 Nov 2021 11:16

Tgt Ion: 50 Resp: 7941
Ion Ratio Lower Upper
50 100
52 35.2 23.0 42.8





#5

Vinyl chloride

Concen: 0.822 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU045786.D

Acq: 15 Nov 2021 11:16

Instrument :

MSVOA_U

ClientSampleId :

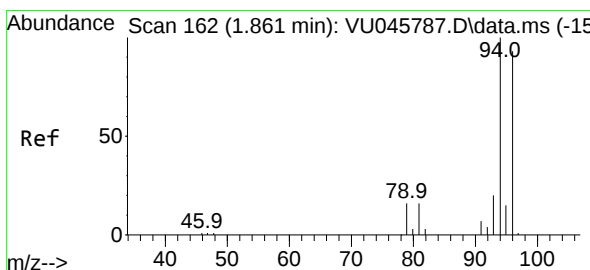
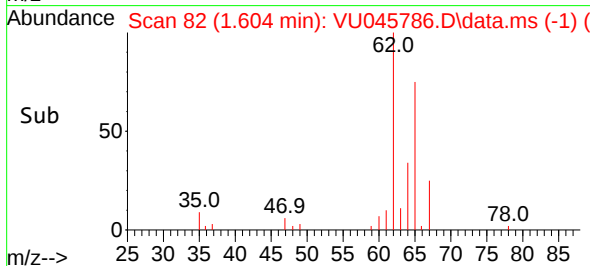
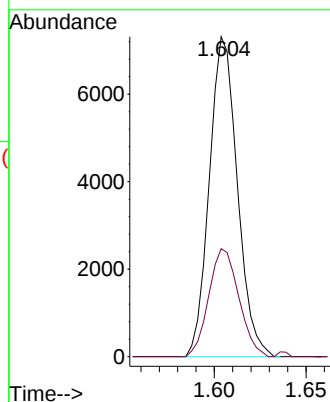
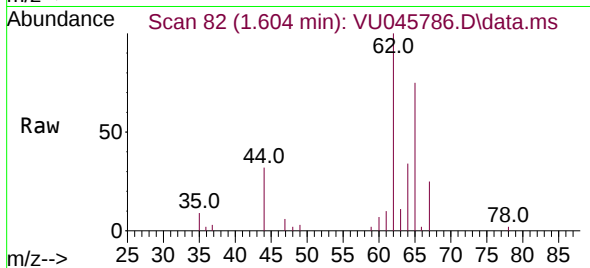
VSTD001035

Tgt Ion: 62 Resp: 7753

Ion Ratio Lower Upper

62 100

64 33.8 22.9 42.5



#6

Bromomethane

Concen: 1.042 ug/L

RT: 1.861 min Scan# 162

Delta R.T. 0.000 min

Lab File: VU045786.D

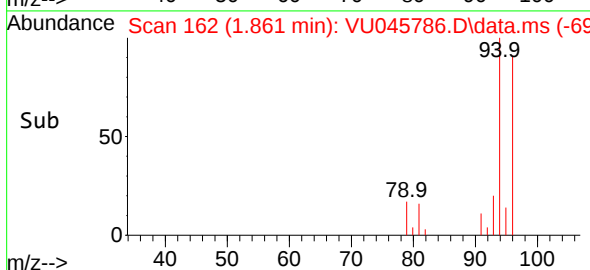
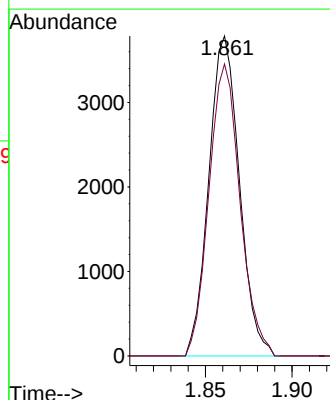
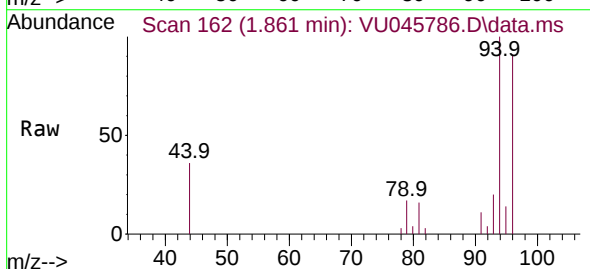
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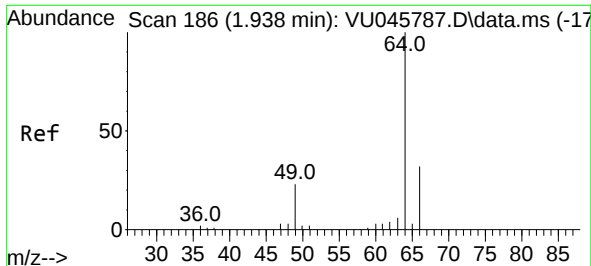
Tgt Ion: 94 Resp: 4643

Ion Ratio Lower Upper

94 100

96 91.3 65.5 121.6

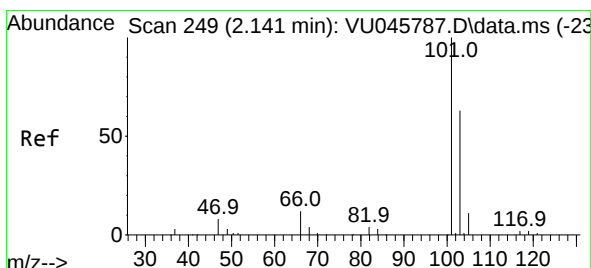
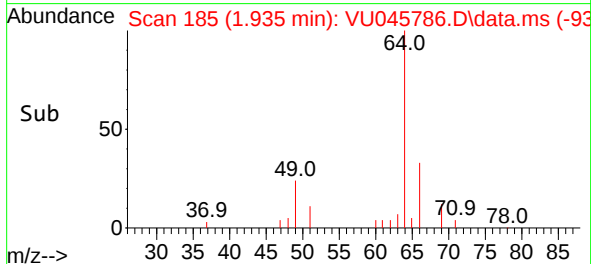
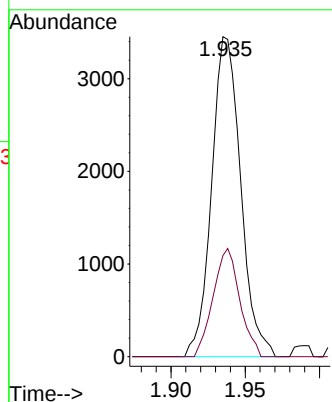
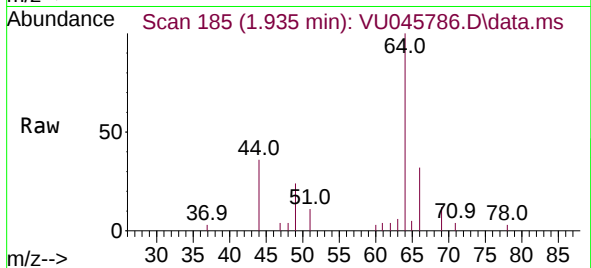




#8
Chloroethane
Concen: 1.046 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.003 min
Lab File: VU045786.D
Acq: 15 Nov 2021 11:16

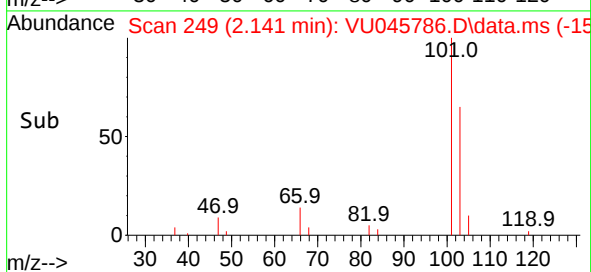
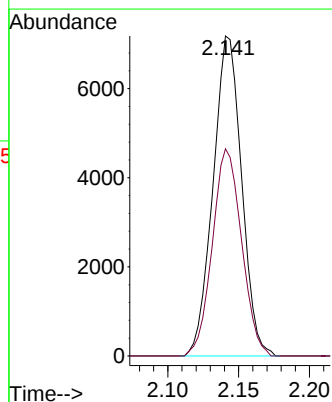
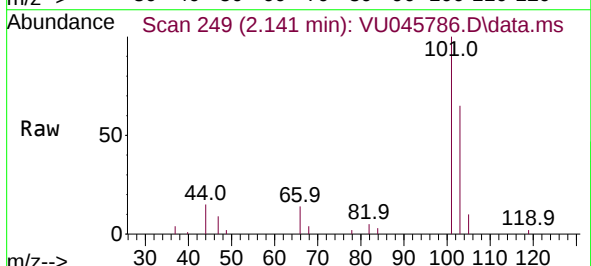
Instrument :
MSVOA_U
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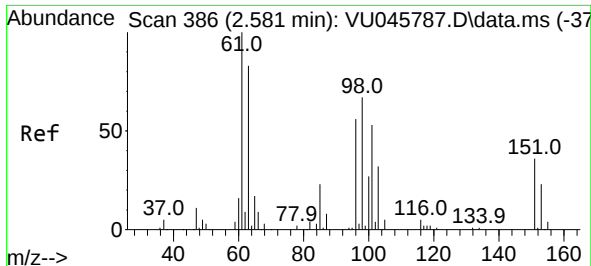
Tgt Ion: 64 Resp: 4695
Ion Ratio Lower Upper
64 100
66 31.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 1.177 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU045786.D
Acq: 15 Nov 2021 11:16

Tgt Ion: 101 Resp: 10073
Ion Ratio Lower Upper
101 100
103 66.2 51.5 77.3

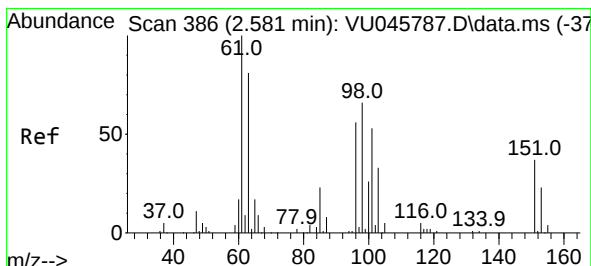
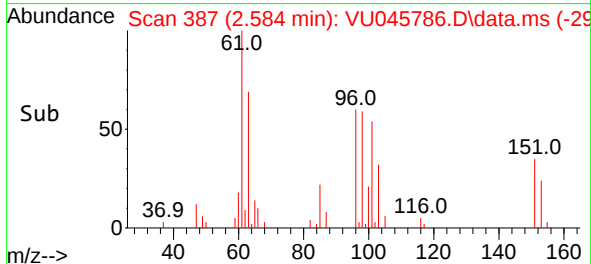
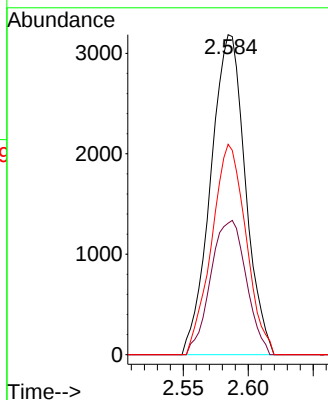
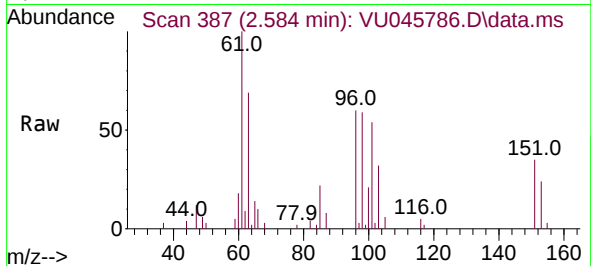




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.947 ug/L
RT: 2.584 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU045786.D
Acq: 15 Nov 2021 11:16

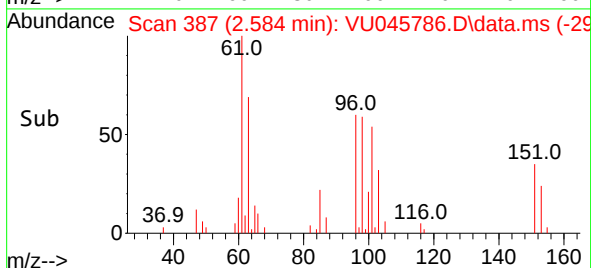
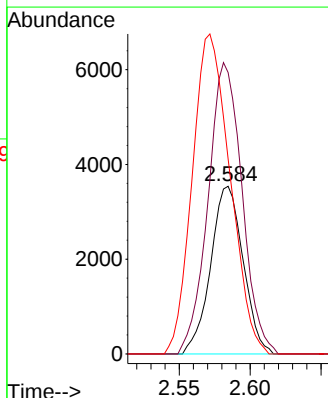
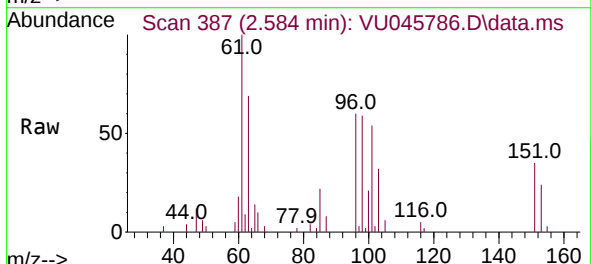
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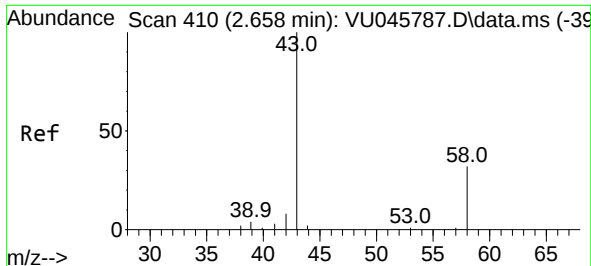
Tgt Ion:101 Resp: 5911
Ion Ratio Lower Upper
101 100
85 43.0 34.6 51.8
151 65.1 56.1 84.1



#12
1,1-Dichloroethene
Concen: 0.932 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU045786.D
Acq: 15 Nov 2021 11:16

Tgt Ion: 96 Resp: 5642
Ion Ratio Lower Upper
96 100
61 167.9 124.7 231.5
63 116.4 105.2 195.4





#13

Acetone

Concen: 9.504 ug/L

RT: 2.671 min Scan# 41

Delta R.T. 0.013 min

Lab File: VU045786.D

Acq: 15 Nov 2021 11:16

Instrument :

MSVOA_U

ClientSampleId :

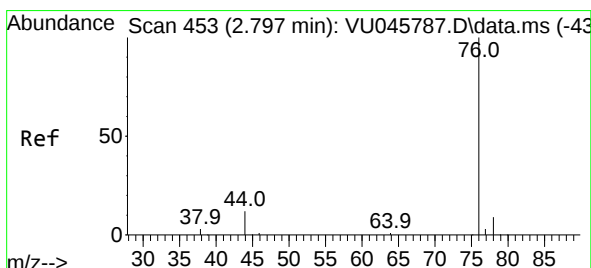
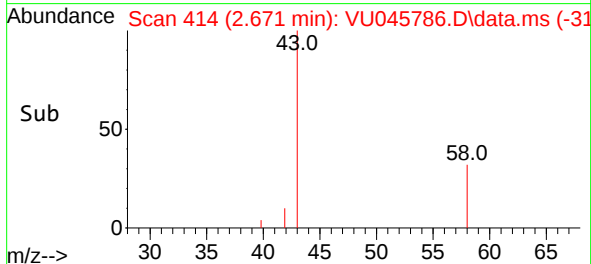
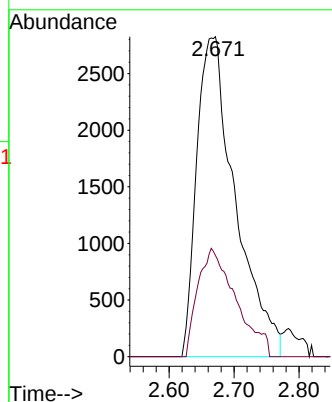
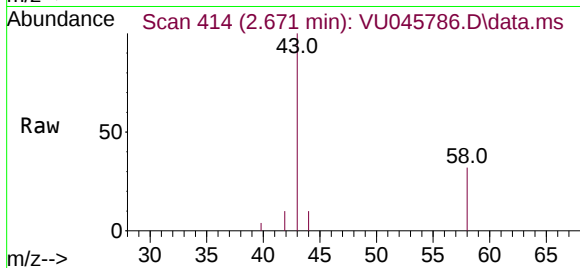
VSTD001035

Tgt Ion: 43 Resp: 11682

Ion Ratio Lower Upper

43 100

58 33.4 0.0 71.6



#14

Carbon disulfide

Concen: 0.845 ug/L

RT: 2.797 min Scan# 453

Delta R.T. 0.000 min

Lab File: VU045786.D

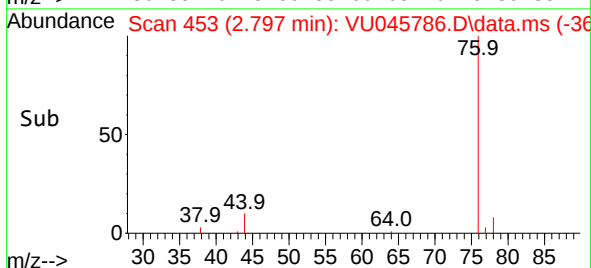
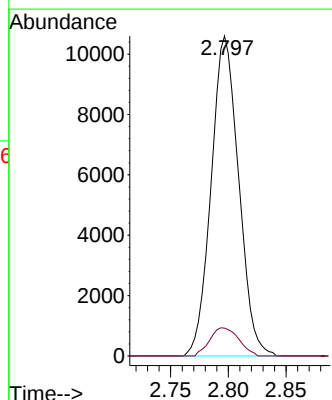
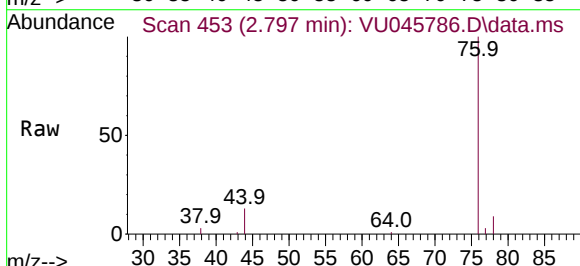
Acq: 15 Nov 2021 11:16

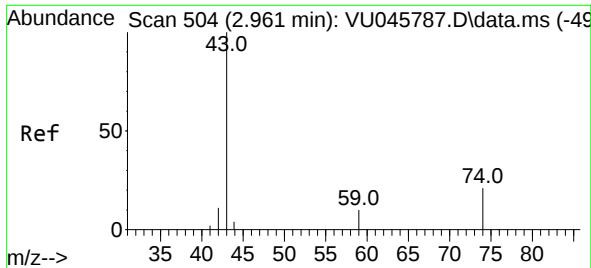
Tgt Ion: 76 Resp: 17574

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3

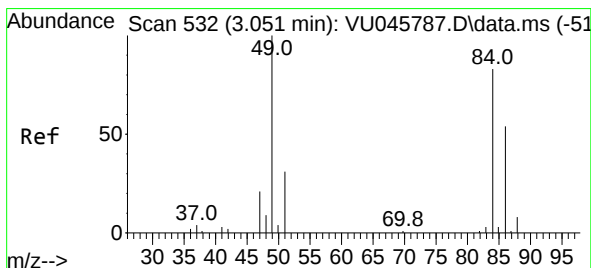
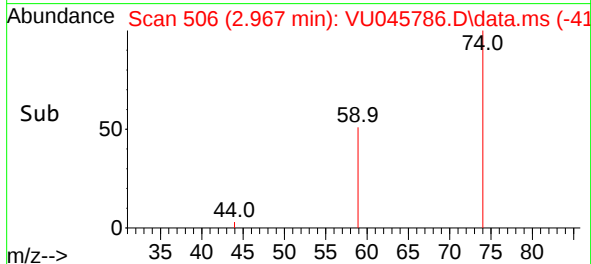
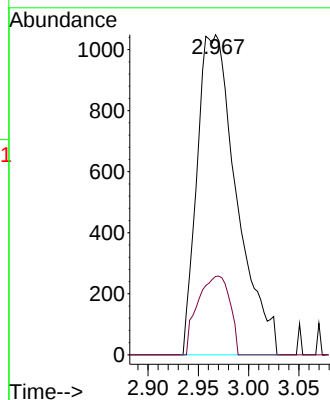
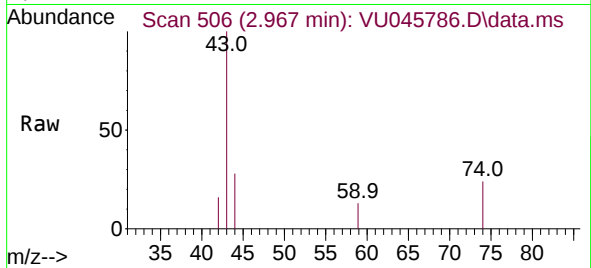




#15
Methyl Acetate
Concen: 0.896 ug/L
RT: 2.967 min Scan# 504
Delta R.T. 0.006 min
Lab File: VU045786.D
Acq: 15 Nov 2021 11:16

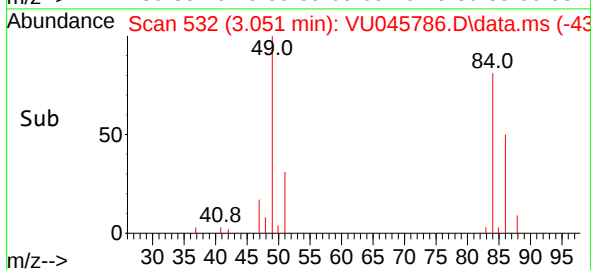
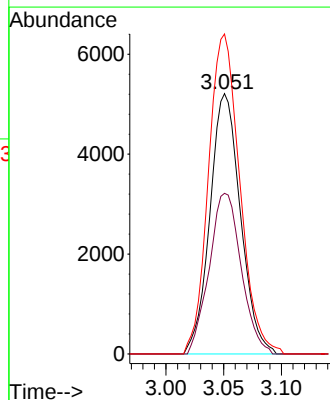
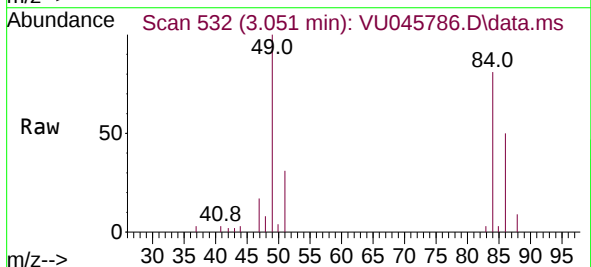
Instrument :
MSVOA_U
ClientSampleId :
VSTD001035

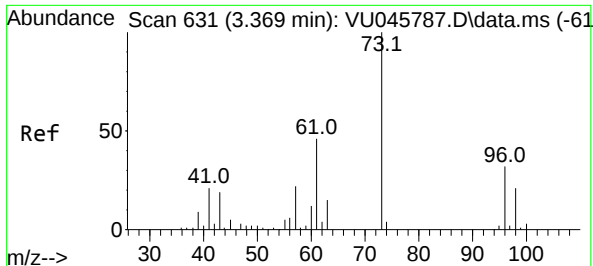
Tgt Ion: 43 Resp: 2862
Ion Ratio Lower Upper
43 100
74 19.9 19.1 28.7



#16
Methylene chloride
Concen: 1.249 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU045786.D
Acq: 15 Nov 2021 11:16

Tgt Ion: 84 Resp: 9591
Ion Ratio Lower Upper
84 100
86 61.7 45.8 85.0
49 123.0 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 0.816 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU045786.D

Acq: 15 Nov 2021 11:16

Instrument :

MSVOA_U

ClientSampleId :

VSTD001035

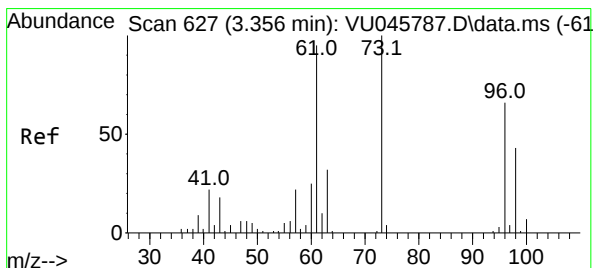
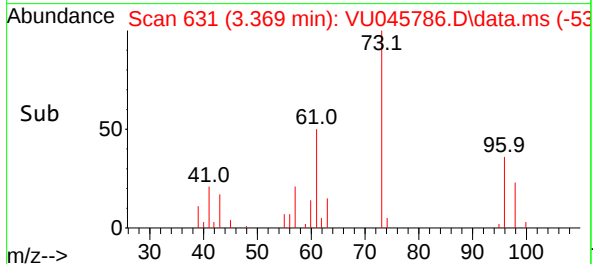
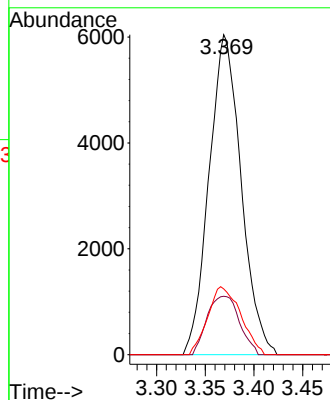
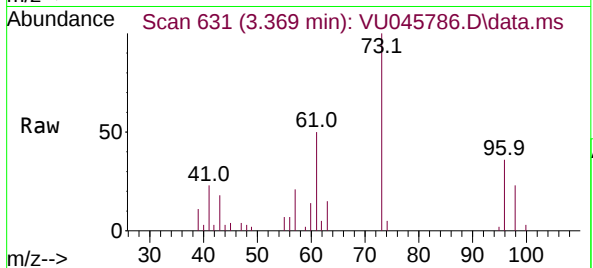
Tgt Ion: 73 Resp: 13850

Ion Ratio Lower Upper

73 100

43 18.5 14.8 22.2

57 21.8 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 0.912 ug/L

RT: 3.356 min Scan# 627

Delta R.T. 0.000 min

Lab File: VU045786.D

Acq: 15 Nov 2021 11:16

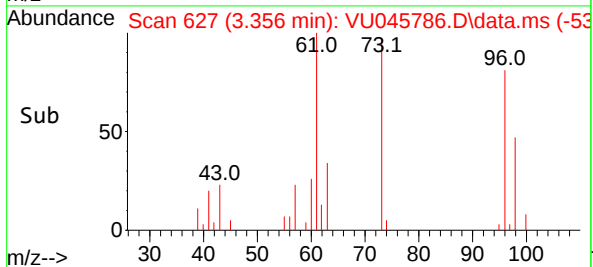
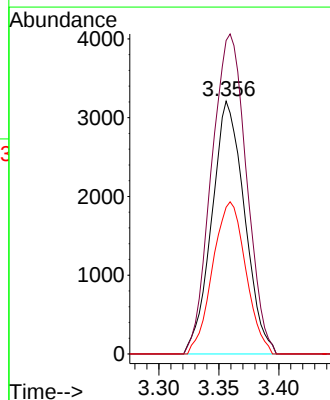
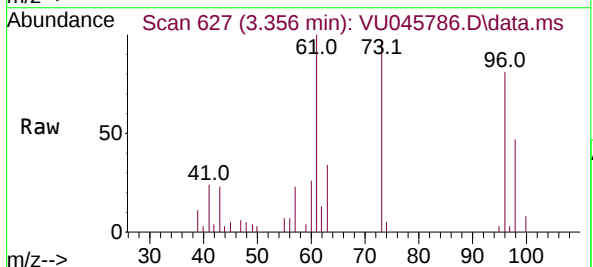
Tgt Ion: 96 Resp: 6096

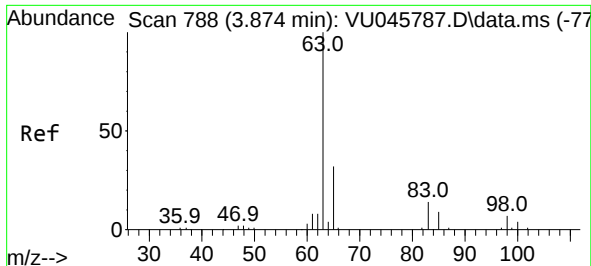
Ion Ratio Lower Upper

96 100

61 124.0 100.8 187.2

98 58.0 45.1 83.7





#19

1,1-Dichloroethane

Concen: 0.904 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU045786.D

Acq: 15 Nov 2021 11:16

Instrument :

MSVOA_U

ClientSampleId :

VSTD001035

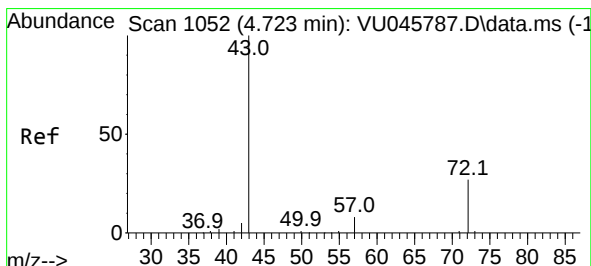
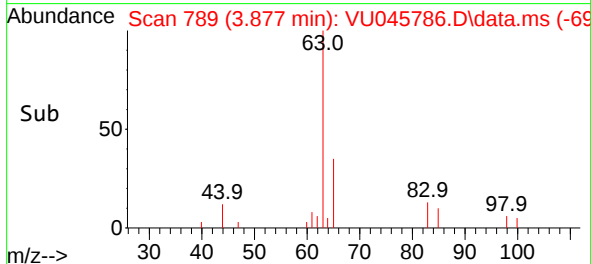
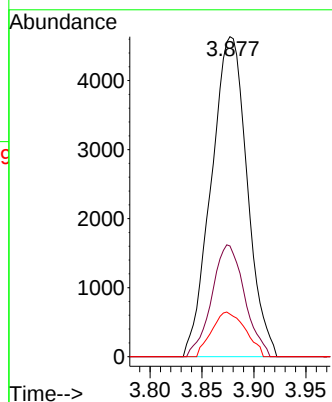
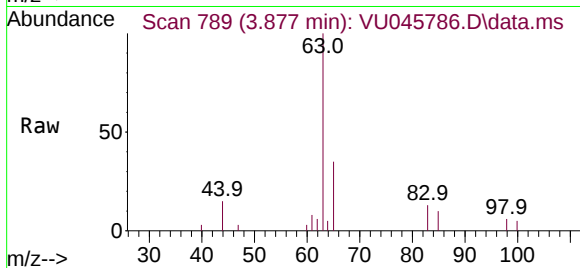
Tgt Ion: 63 Resp: 11119

Ion Ratio Lower Upper

63 100

65 34.6 22.3 41.5

83 13.3 9.6 17.8



#21

2-Butanone

Concen: 9.136 ug/L

RT: 4.729 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VU045786.D

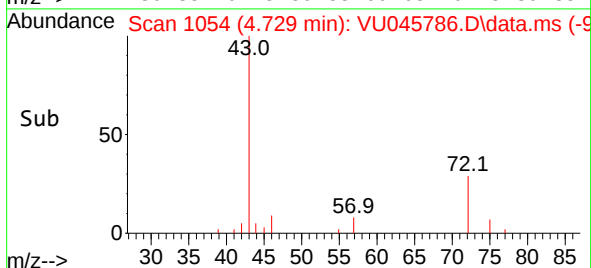
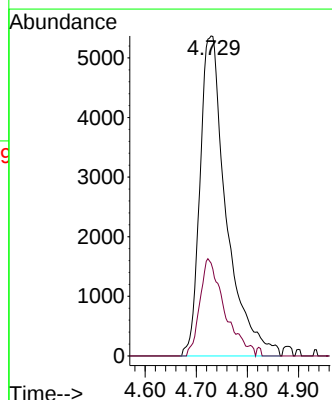
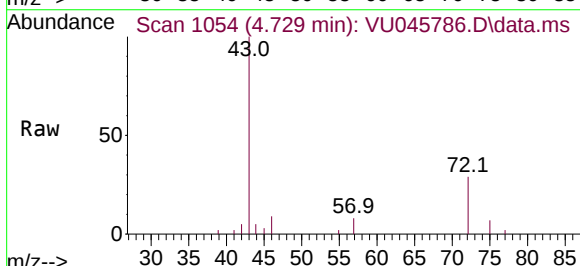
Acq: 15 Nov 2021 11:16

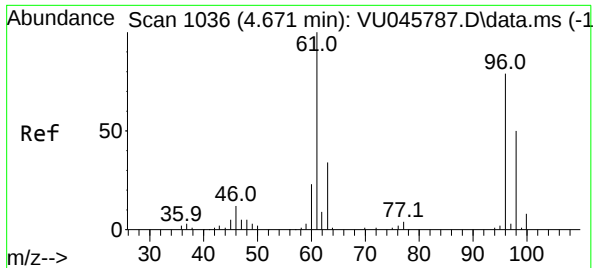
Tgt Ion: 43 Resp: 19187

Ion Ratio Lower Upper

43 100

72 27.9 14.1 42.3





#22

cis-1,2-Dichloroethene

Concen: 0.897 ug/L

RT: 4.674 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU045786.D

Acq: 15 Nov 2021 11:16

Instrument :

MSVOA_U

ClientSampleId :

VSTD001035

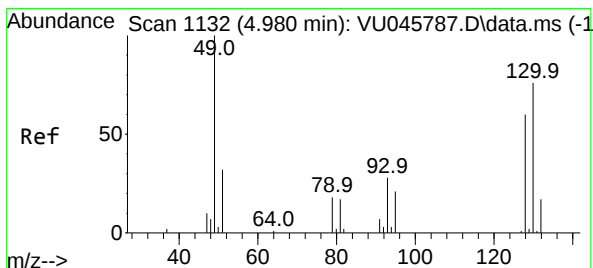
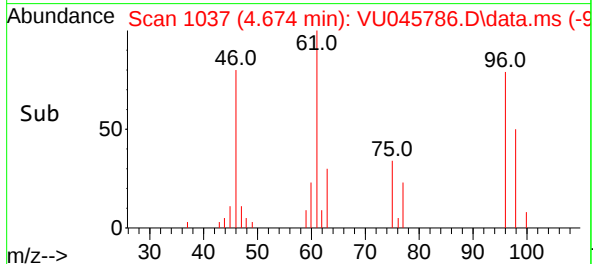
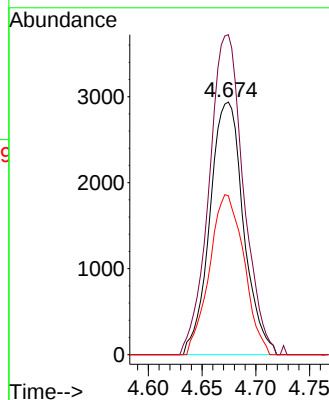
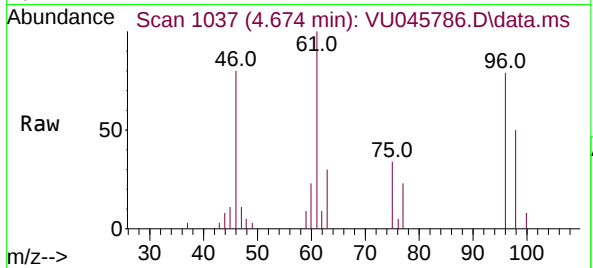
Tgt Ion: 96 Resp: 6398

Ion Ratio Lower Upper

96 100

61 126.7 88.5 164.3

98 62.9 44.4 82.5



#23

Bromochloromethane

Concen: 0.869 ug/L

RT: 4.983 min Scan# 1133

Delta R.T. 0.003 min

Lab File: VU045786.D

Acq: 15 Nov 2021 11:16

Tgt Ion: 128 Resp: 2679

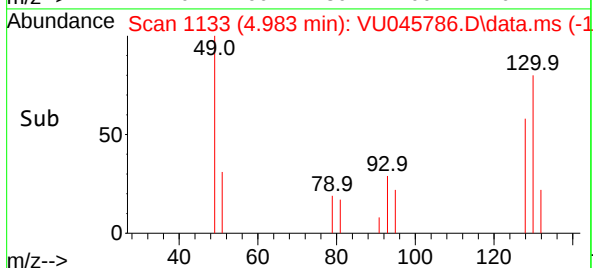
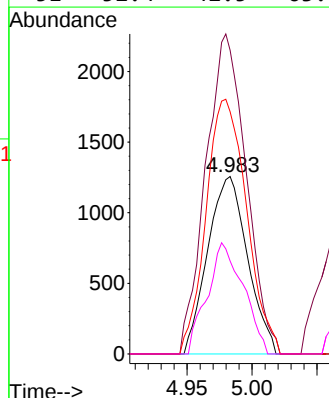
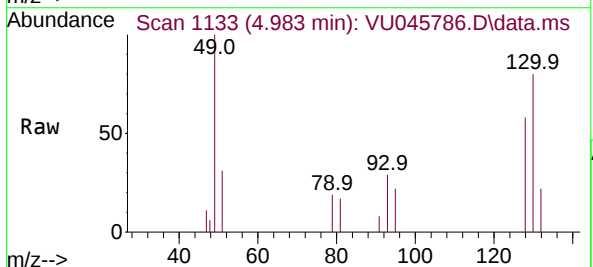
Ion Ratio Lower Upper

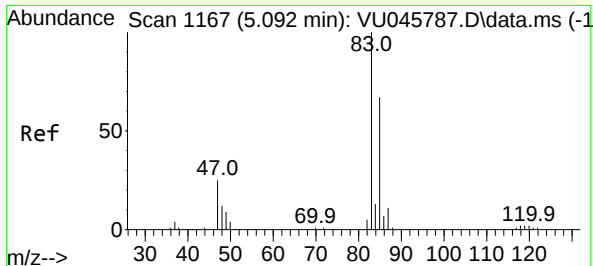
128 100

49 171.2 117.0 217.2

130 136.5 88.2 163.8

51 52.4 42.5 63.7





#25

Chloroform

Concen: 1.002 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045786.D

Acq: 15 Nov 2021 11:16

Instrument :

MSVOA_U

ClientSampleId :

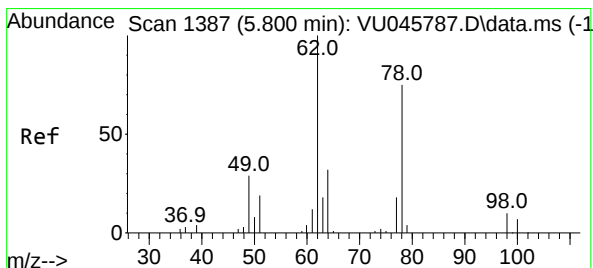
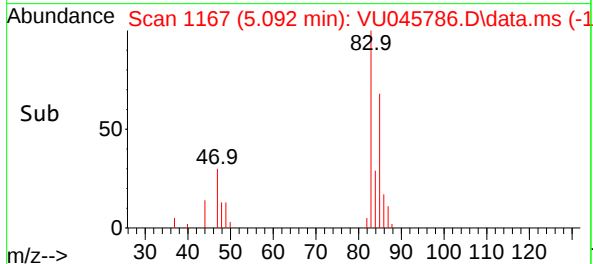
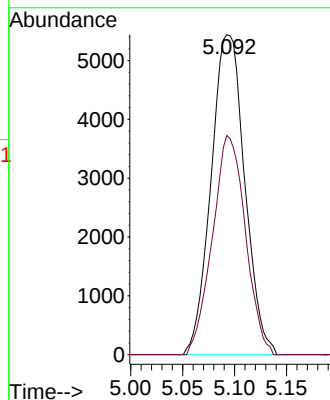
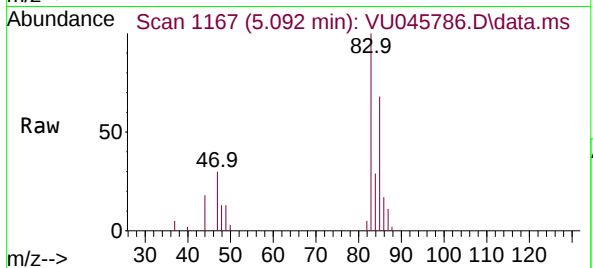
VSTD001035

Tgt Ion: 83 Resp: 12259

Ion Ratio Lower Upper

83 100

85 68.5 46.9 87.1



#27

1,2-Dichloroethane

Concen: 1.084 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU045786.D

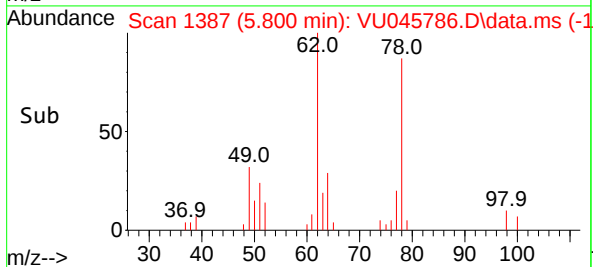
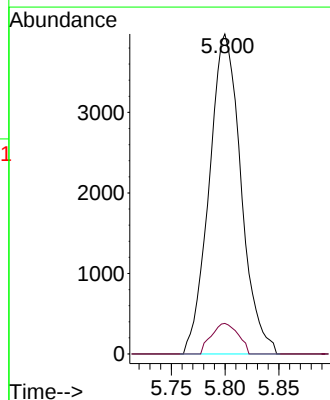
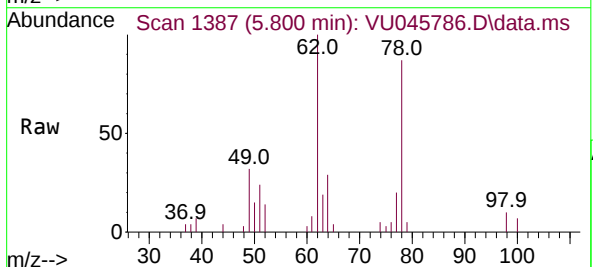
Acq: 15 Nov 2021 11:16

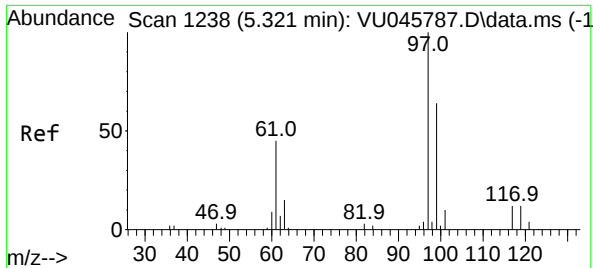
Tgt Ion: 62 Resp: 8176

Ion Ratio Lower Upper

62 100

98 9.6 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 0.970 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU045786.D

Acq: 15 Nov 2021 11:16

Instrument :

MSVOA_U

ClientSampleId :

VSTD001035

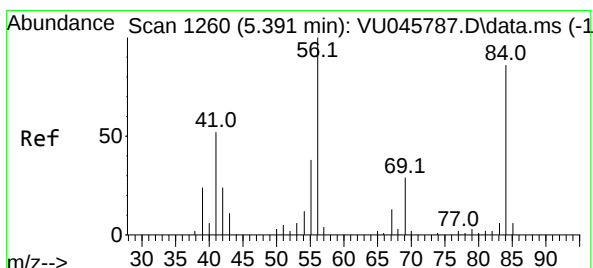
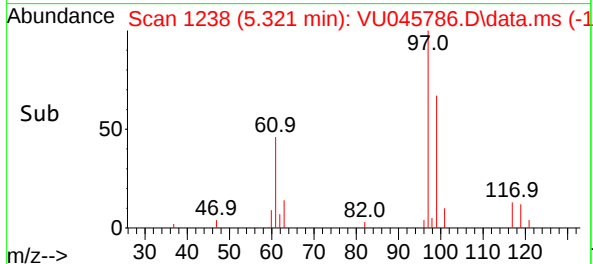
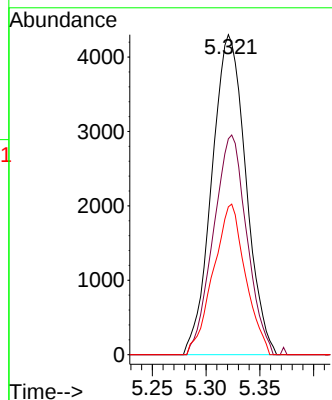
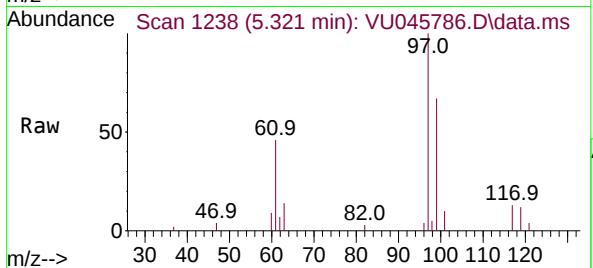
Tgt Ion: 97 Resp: 9464

Ion Ratio Lower Upper

97 100

99 67.3 51.3 76.9

61 44.5 36.1 54.1



#30

Cyclohexane

Concen: 0.779 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.003 min

Lab File: VU045786.D

Acq: 15 Nov 2021 11:16

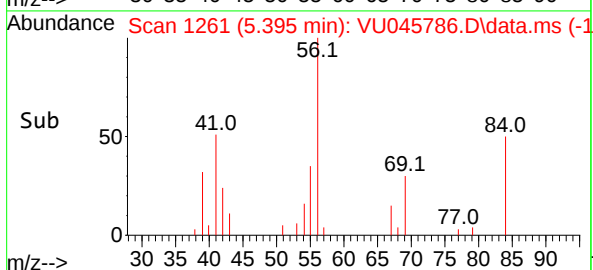
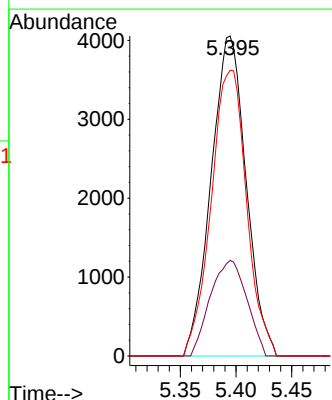
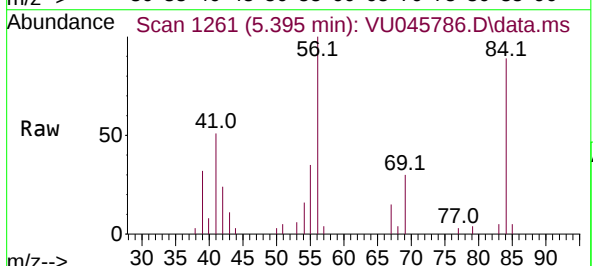
Tgt Ion: 56 Resp: 8877

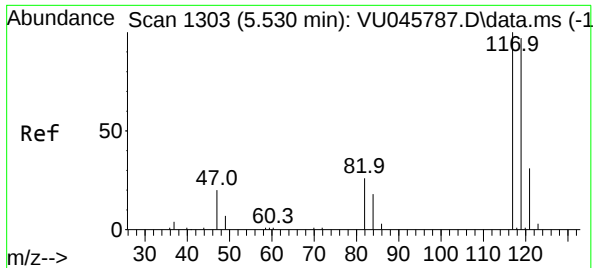
Ion Ratio Lower Upper

56 100

69 31.0 24.7 37.1

84 90.2 71.8 107.6

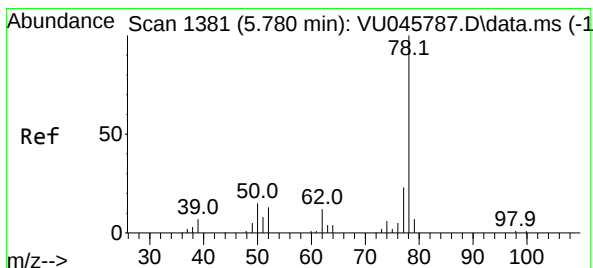
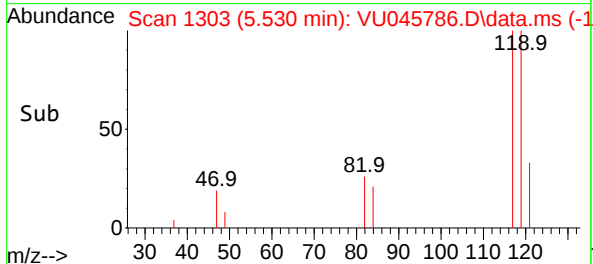
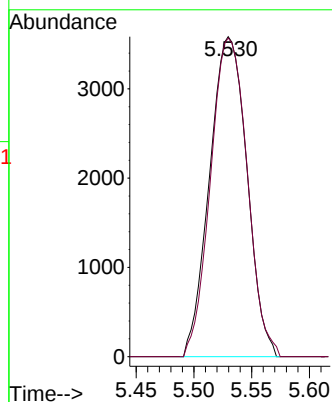
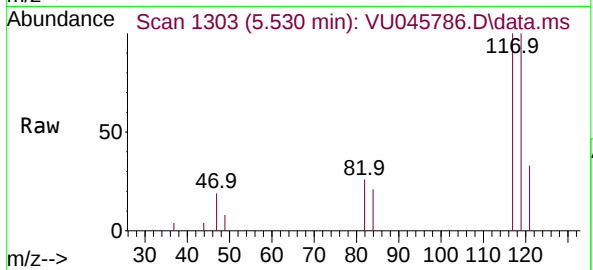




#31
Carbon tetrachloride
Concen: 0.998 ug/L
RT: 5.530 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045786.D
Acq: 15 Nov 2021 11:16

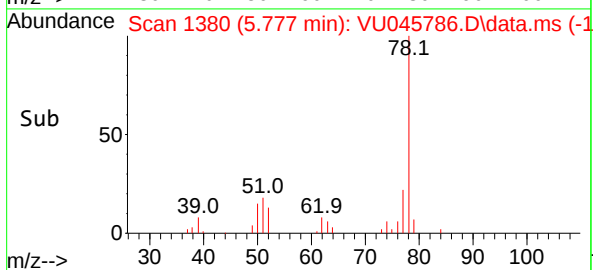
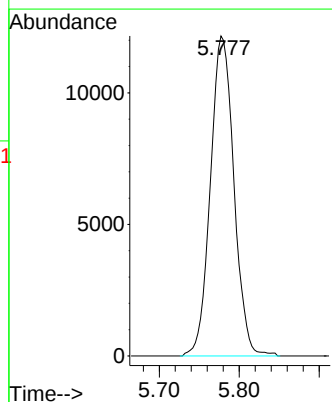
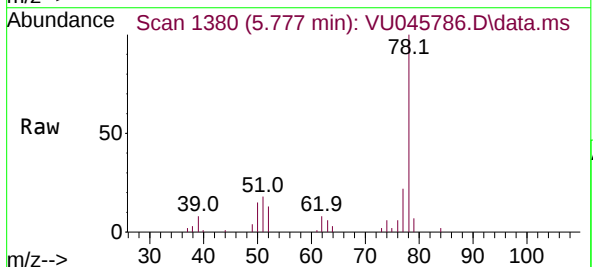
Instrument :
MSVOA_U
ClientSampleId :
VSTD001035

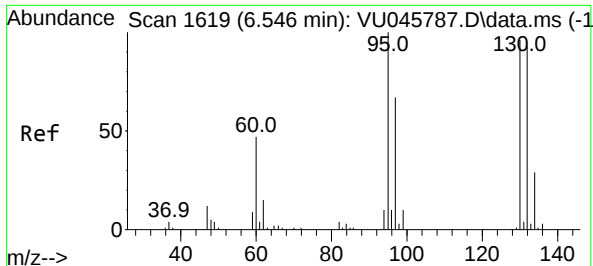
Tgt Ion:117 Resp: 8053
Ion Ratio Lower Upper
117 100
119 97.8 77.5 116.3



#33
Benzene
Concen: 0.897 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU045786.D
Acq: 15 Nov 2021 11:16

Tgt Ion: 78 Resp: 24858



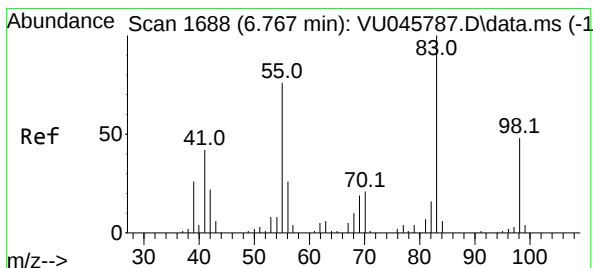
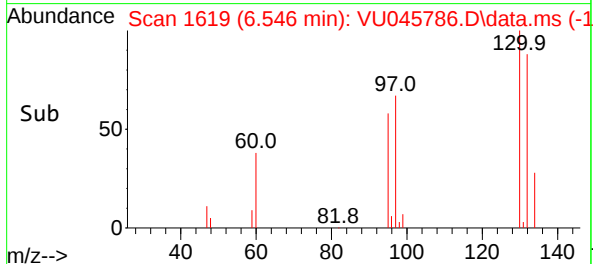
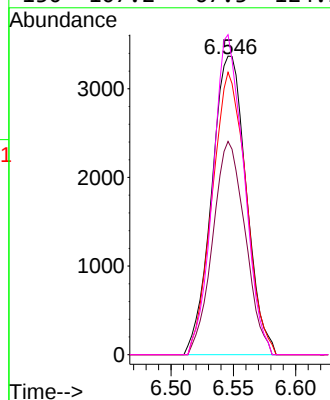
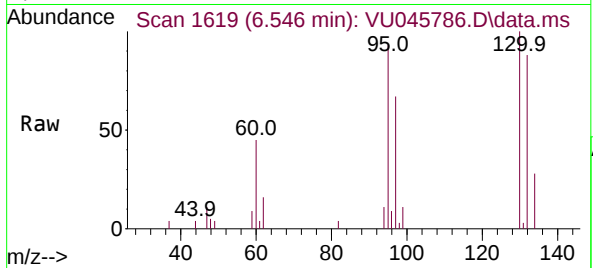


#34
Trichloroethene
Concen: 0.899 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045786.D
Acq: 15 Nov 2021 11:16

Instrument :
MSVOA_U
ClientSampleId :
VSTD001035

Tgt Ion: 95 Resp: 6502

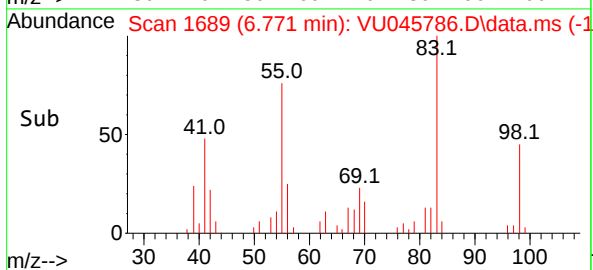
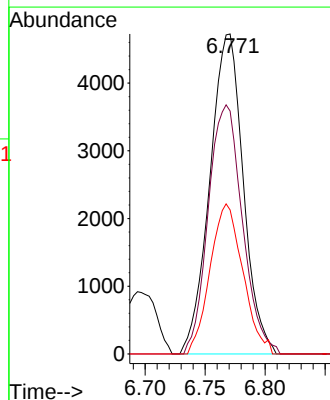
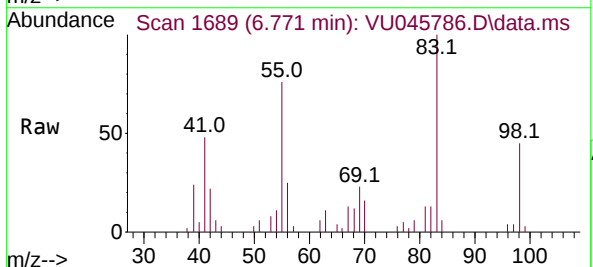
Ion	Ratio	Lower	Upper
95	100		
97	71.4	46.5	86.5
132	94.6	65.1	120.9
130	107.2	67.3	124.9

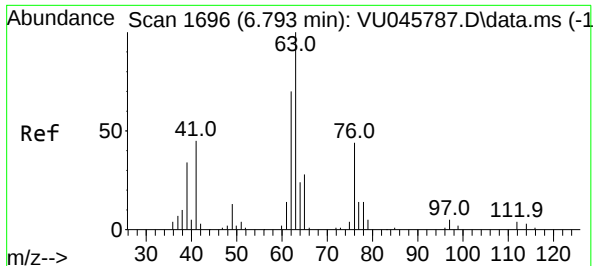


#35
Methylcyclohexane
Concen: 0.751 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.003 min
Lab File: VU045786.D
Acq: 15 Nov 2021 11:16

Tgt Ion: 83 Resp: 9162

Ion	Ratio	Lower	Upper
83	100		
55	79.6	61.9	92.9
98	46.0	39.0	58.6





#37

1,2-Dichloropropane

Concen: 0.874 ug/L

RT: 6.796 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU045786.D

Acq: 15 Nov 2021 11:16

Instrument :

MSVOA_U

ClientSampleId :

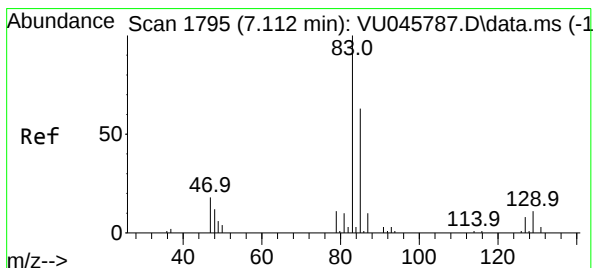
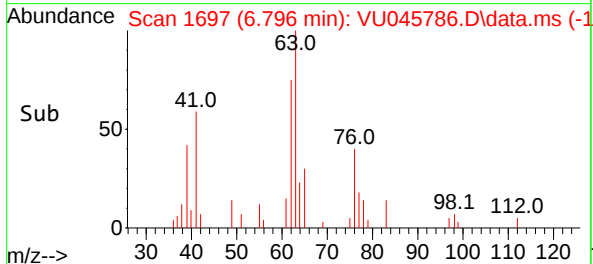
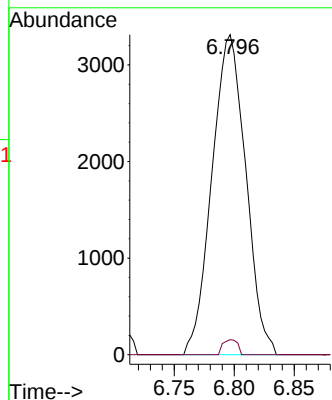
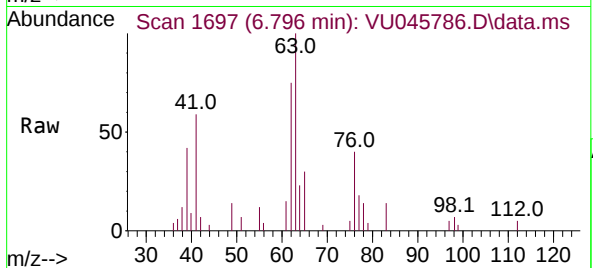
VSTD001035

Tgt Ion: 63 Resp: 6500

Ion Ratio Lower Upper

63 100

112 2.0 3.2 4.8#



#38

Bromodichloromethane

Concen: 0.932 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.003 min

Lab File: VU045786.D

Acq: 15 Nov 2021 11:16

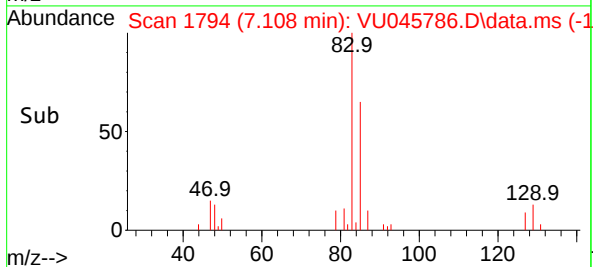
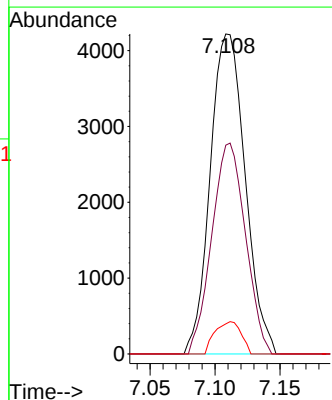
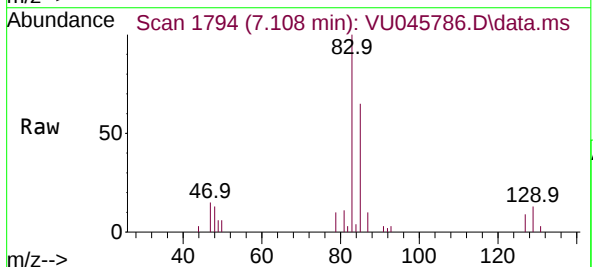
Tgt Ion: 83 Resp: 7898

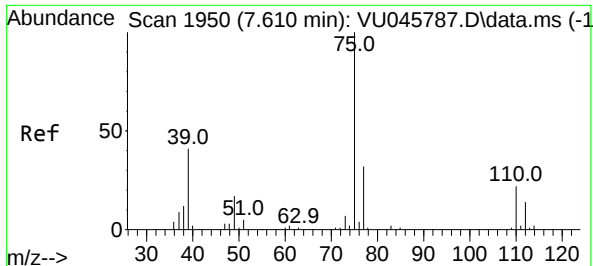
Ion Ratio Lower Upper

83 100

85 65.2 44.0 81.8

127 9.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 0.829 ug/L

RT: 7.613 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VU045786.D

Acq: 15 Nov 2021 11:16

Instrument :

MSVOA_U

ClientSampleId :

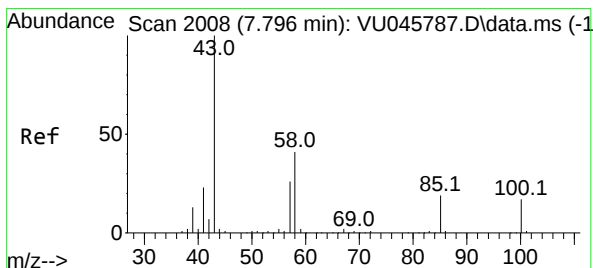
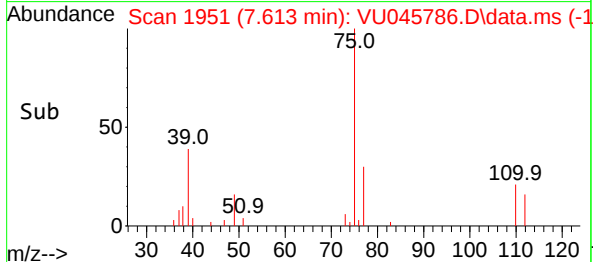
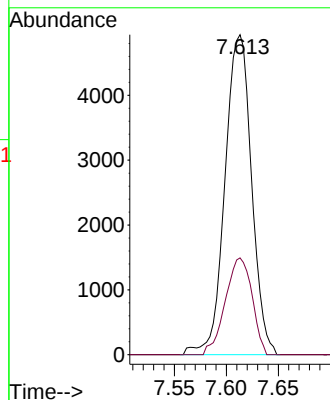
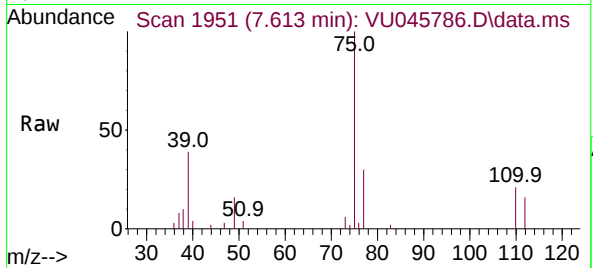
VSTD001035

Tgt Ion: 75 Resp: 8801

Ion Ratio Lower Upper

75 100

77 30.3 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 8.127 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU045786.D

Acq: 15 Nov 2021 11:16

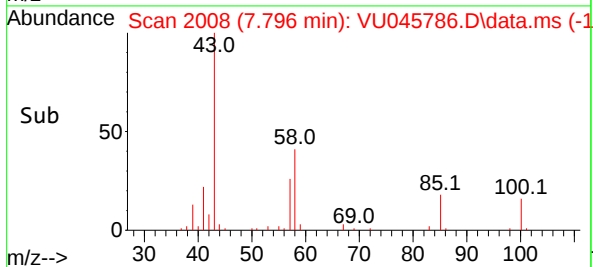
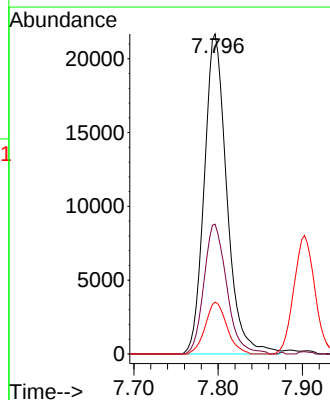
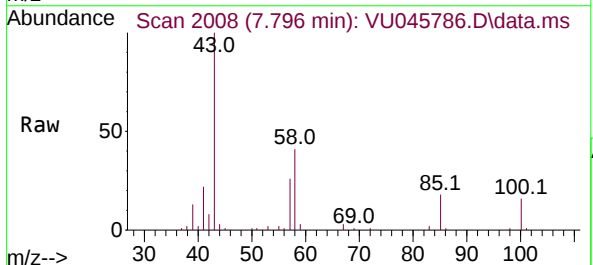
Tgt Ion: 43 Resp: 40497

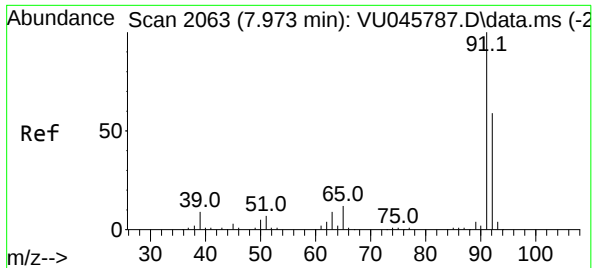
Ion Ratio Lower Upper

43 100

58 41.0 33.1 49.7

100 15.5 13.2 19.8

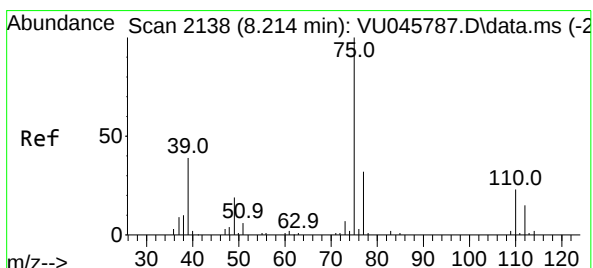
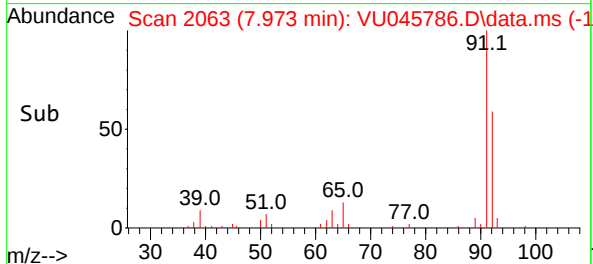
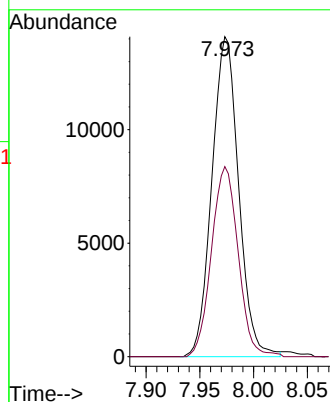
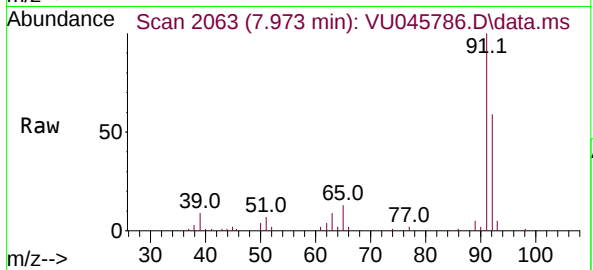




#42
Toluene
Concen: 0.805 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045786.D
Acq: 15 Nov 2021 11:16

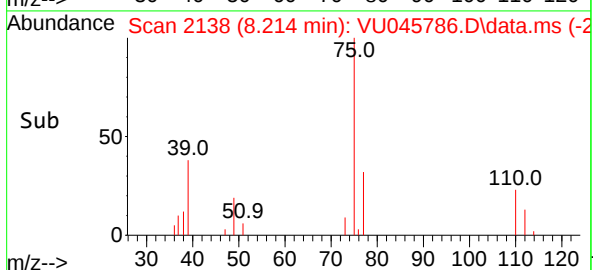
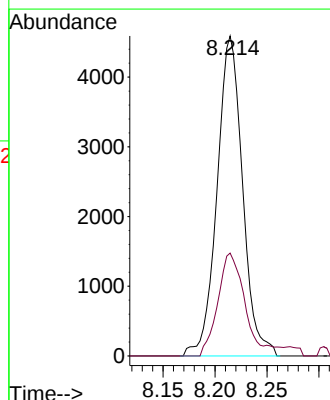
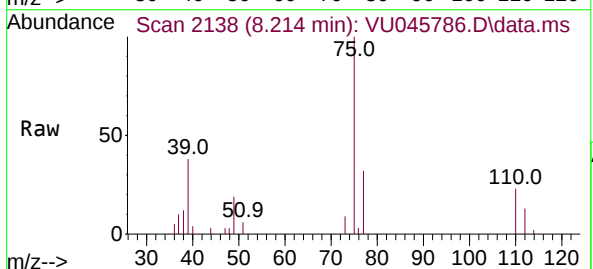
Instrument :
MSVOA_U
ClientSampleId :
VSTD001035

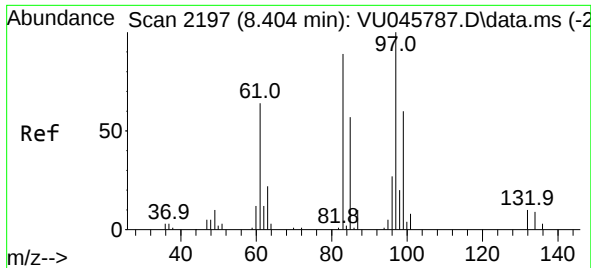
Tgt Ion: 91 Resp: 24371
Ion Ratio Lower Upper
91 100
92 59.4 41.3 76.7



#44
trans-1,3-Dichloropropene
Concen: 0.841 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU045786.D
Acq: 15 Nov 2021 11:16

Tgt Ion: 75 Resp: 7841
Ion Ratio Lower Upper
75 100
77 32.1 22.7 42.3

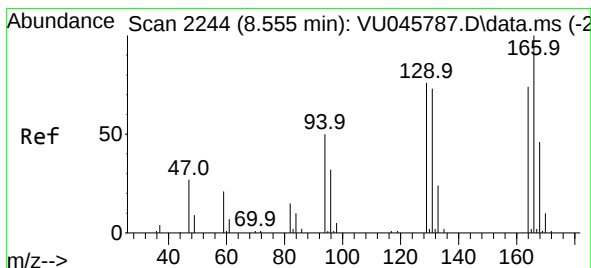
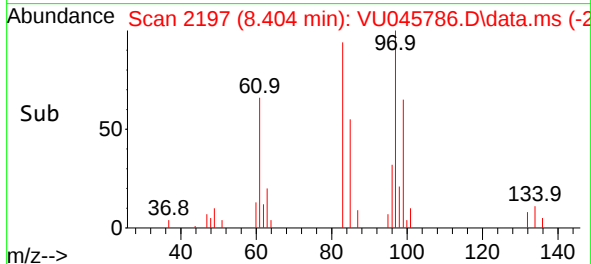
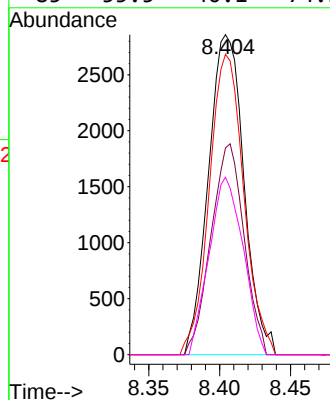
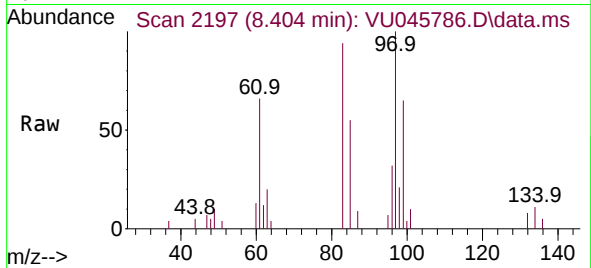




#45
1,1,2-Trichloroethane
Concen: 0.927 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045786.D
Acq: 15 Nov 2021 11:16

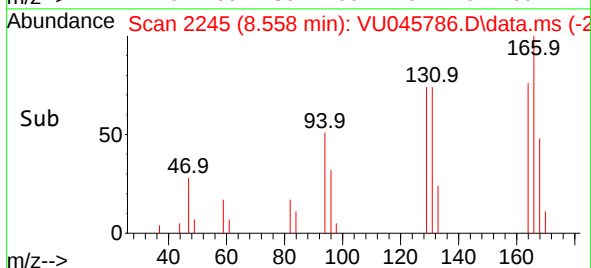
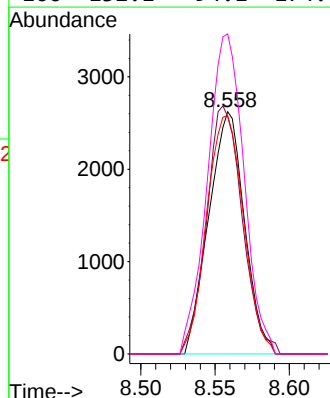
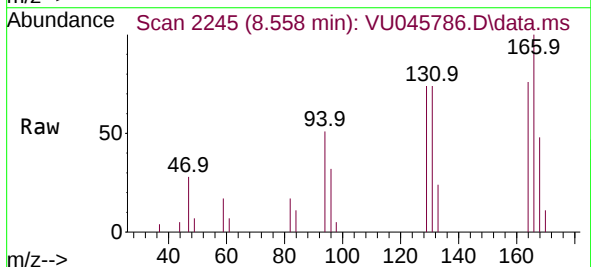
Instrument :
MSVOA_U
ClientSampleId :
VSTD001035

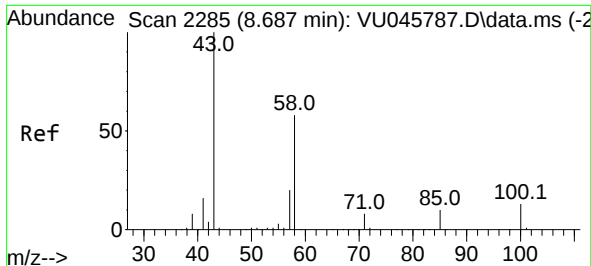
Tgt Ion:	97	Resp:	4974
Ion	Ratio	Lower	Upper
97	100		
99	64.6	42.3	78.5
83	93.8	62.0	115.2
85	55.5	40.1	74.5



#47
Tetrachloroethene
Concen: 0.855 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU045786.D
Acq: 15 Nov 2021 11:16

Tgt Ion:	164	Resp:	4385
Ion	Ratio	Lower	Upper
164	100		
129	97.9	71.8	133.4
131	98.4	68.5	127.3
166	132.1	94.1	174.8

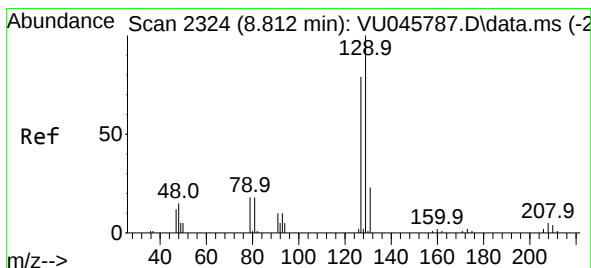
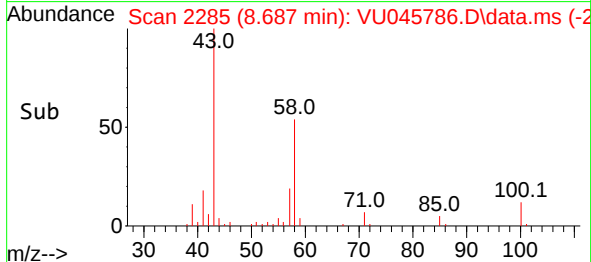
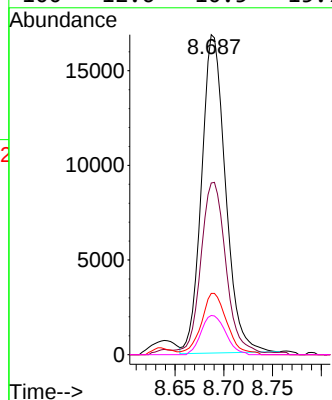
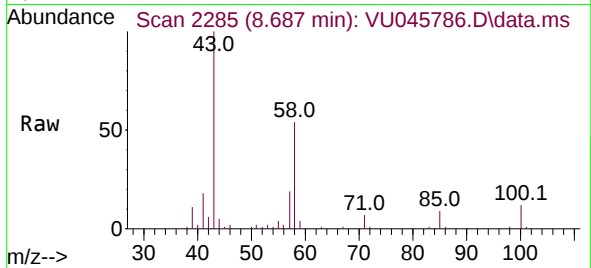




#48
2-Hexanone
Concen: 7.852 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045786.D
Acq: 15 Nov 2021 11:16

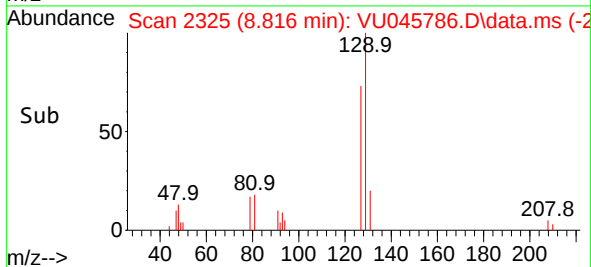
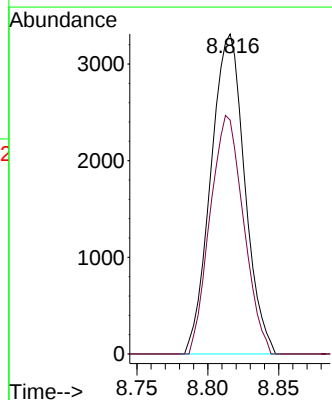
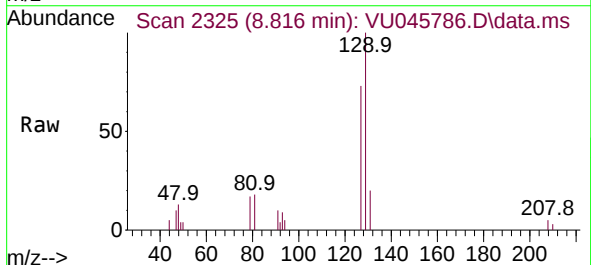
Instrument :
MSVOA_U
ClientSampleId :
VSTD001035

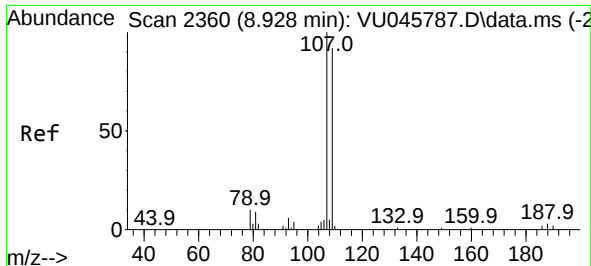
Tgt Ion: 43	Resp:	28759	
Ion	Ratio	Lower	Upper
43	100		
58	55.7	46.7	70.1
57	20.6	16.3	24.5
100	12.6	10.5	15.7



#49
Dibromochloromethane
Concen: 1.012 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.003 min
Lab File: VU045786.D
Acq: 15 Nov 2021 11:16

Tgt Ion:129	Resp:	5508	
Ion	Ratio	Lower	Upper
129	100		
127	73.1	55.4	102.8





#50

1,2-Dibromoethane

Concen: 0.939 ug/L

RT: 8.928 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045786.D

Acq: 15 Nov 2021 11:16

Instrument :

MSVOA_U

ClientSampleId :

VSTD001035

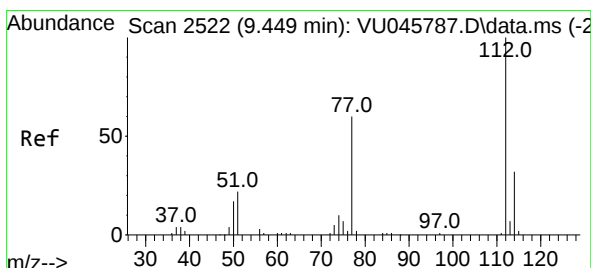
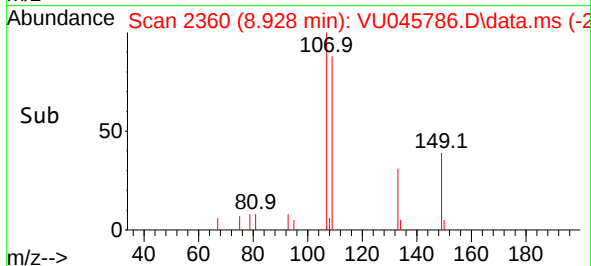
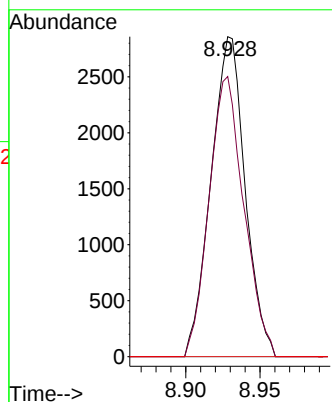
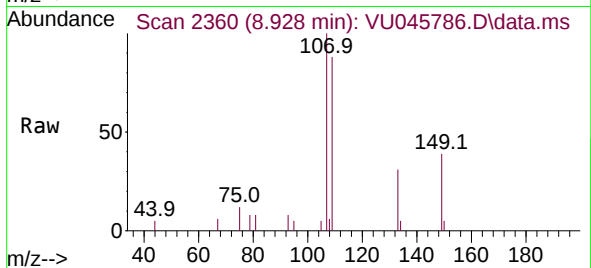
Tgt Ion:107 Resp: 4570

Ion Ratio Lower Upper

107 100

109 87.5 64.0 119.0

188 0.0 2.4 3.6#



#51

Chlorobenzene

Concen: 0.879 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU045786.D

Acq: 15 Nov 2021 11:16

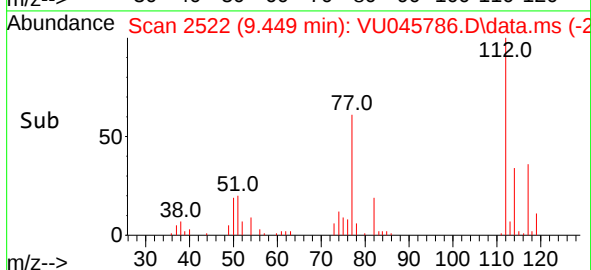
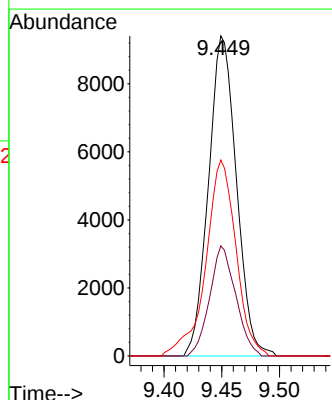
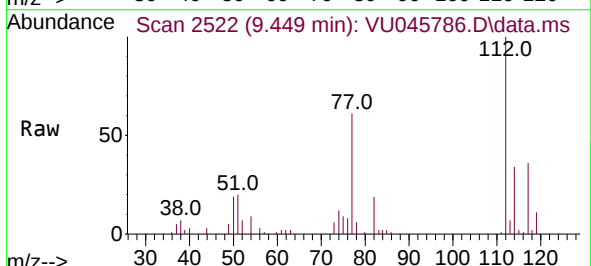
Tgt Ion:112 Resp: 15850

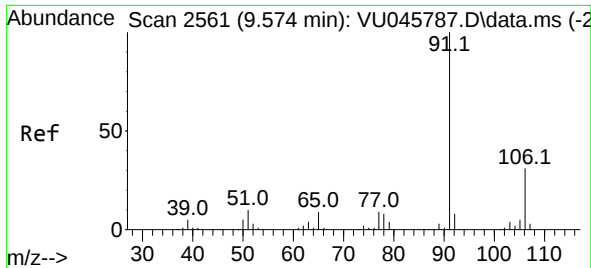
Ion Ratio Lower Upper

112 100

114 34.4 22.1 41.1

77 61.3 48.3 72.5

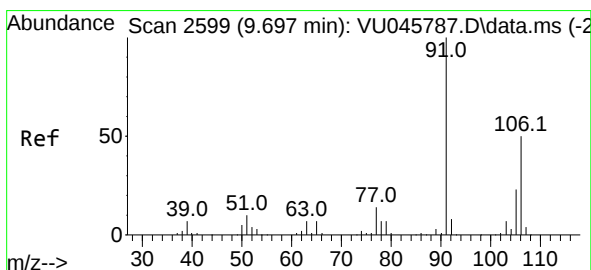
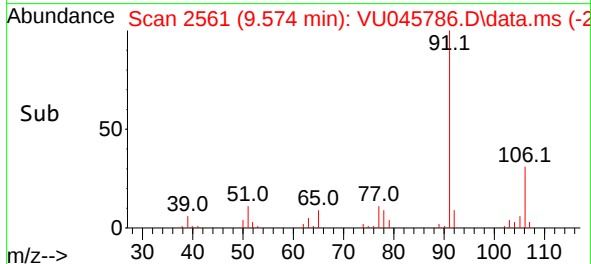
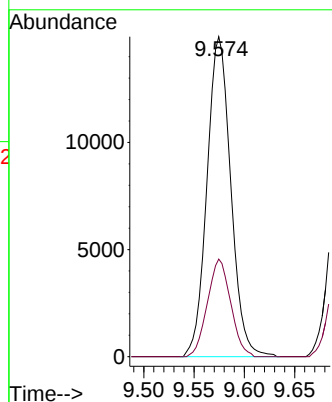
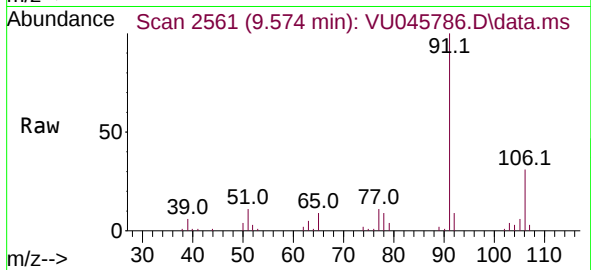




#52
Ethylbenzene
Concen: 0.786 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045786.D
Acq: 15 Nov 2021 11:16

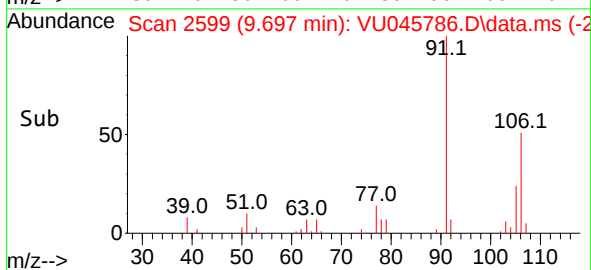
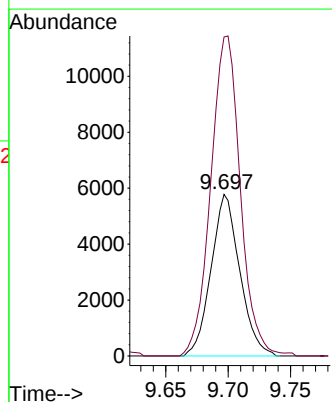
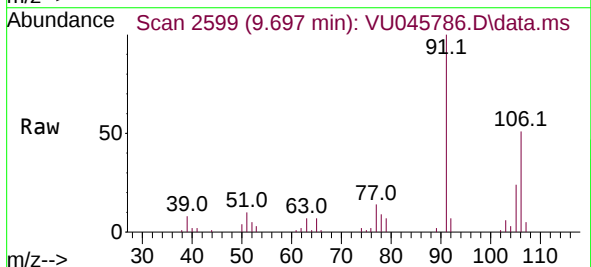
Instrument :
MSVOA_U
ClientSampleId :
VSTD001035

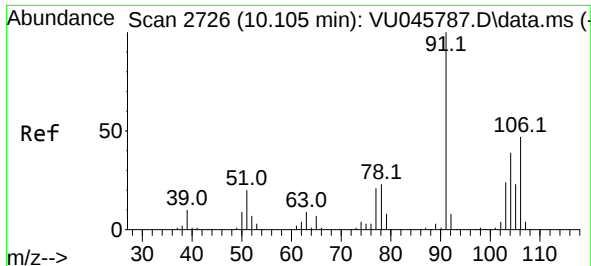
Tgt Ion: 91 Resp: 24588
Ion Ratio Lower Upper
91 100
106 30.5 21.5 39.9



#53
m,p-Xylene
Concen: 0.760 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045786.D
Acq: 15 Nov 2021 11:16

Tgt Ion: 106 Resp: 9262
Ion Ratio Lower Upper
106 100
91 197.4 139.4 259.0

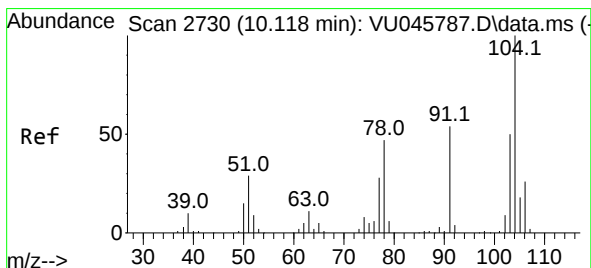
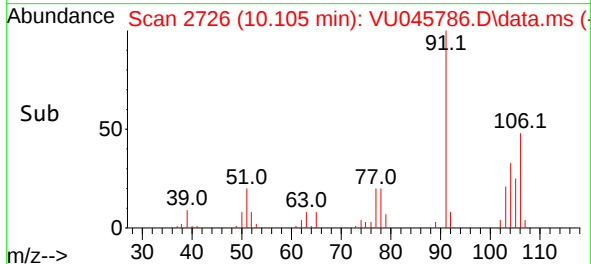
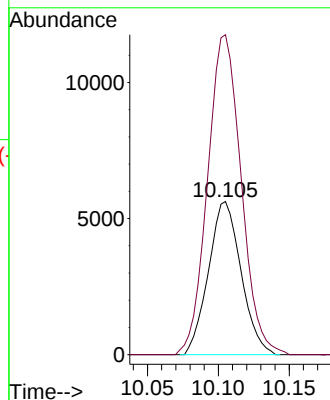
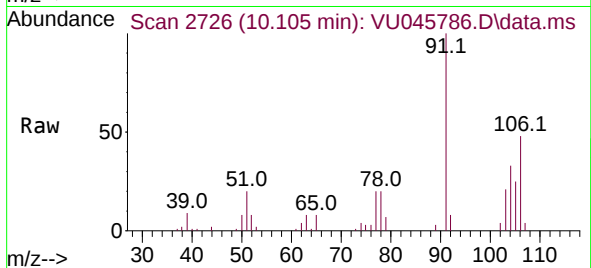




#54
o-Xylene
Concen: 0.756 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU045786.D
Acq: 15 Nov 2021 11:16

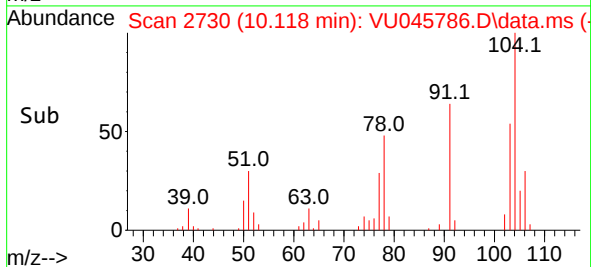
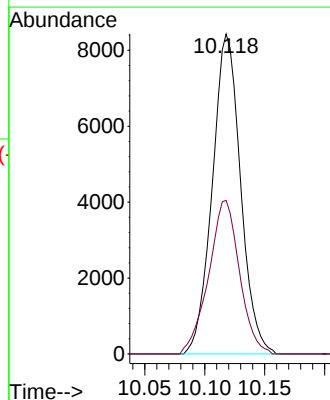
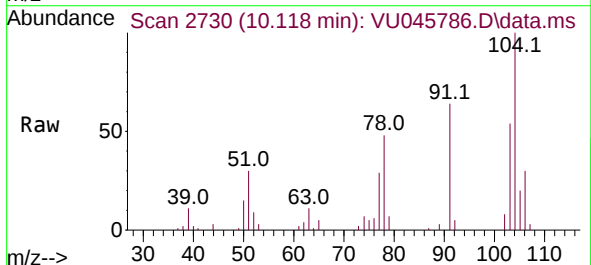
Instrument :
MSVOA_U
ClientSampleId :
VSTD001035

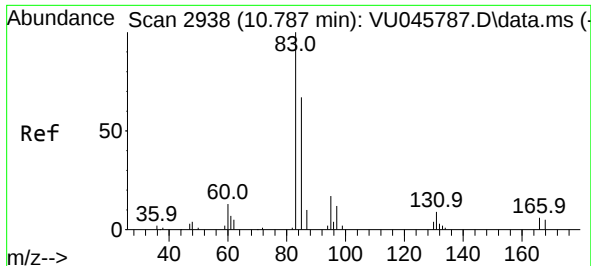
Tgt Ion:106 Resp: 8996
Ion Ratio Lower Upper
106 100
91 209.0 147.5 273.9



#55
Styrene
Concen: 0.694 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045786.D
Acq: 15 Nov 2021 11:16

Tgt Ion:104 Resp: 13783
Ion Ratio Lower Upper
104 100
78 48.0 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 0.860 ug/L

RT: 10.787 min Scan# 2938

Delta R.T. 0.000 min

Lab File: VU045786.D

Acq: 15 Nov 2021 11:16

Instrument :

MSVOA_U

ClientSampleId :

VSTD001035

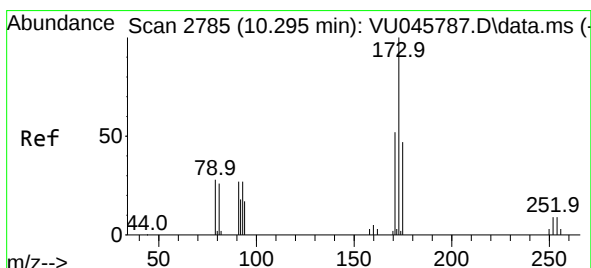
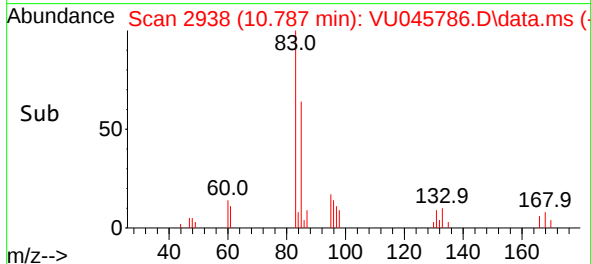
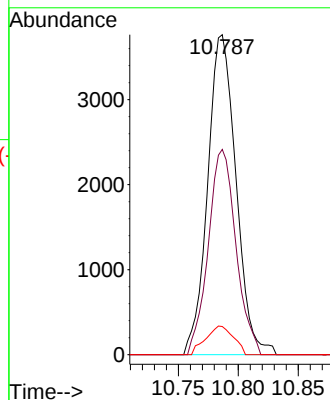
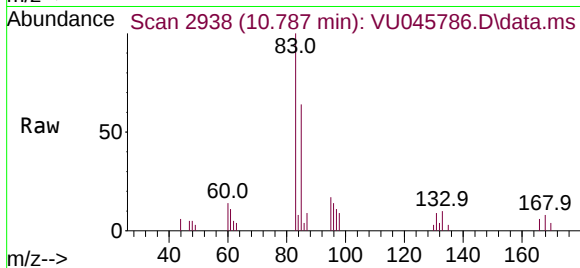
Tgt Ion: 83 Resp: 6187

Ion Ratio Lower Upper

83 100

85 64.1 47.9 89.1

131 8.8 8.1 12.1



#59

Bromoform

Concen: 0.994 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. 0.000 min

Lab File: VU045786.D

Acq: 15 Nov 2021 11:16

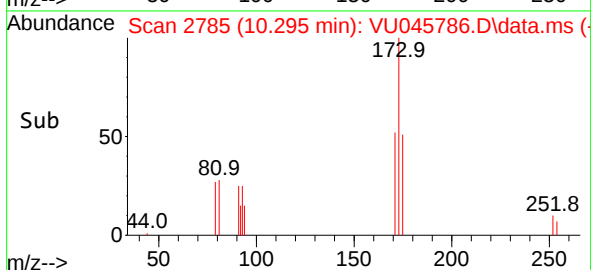
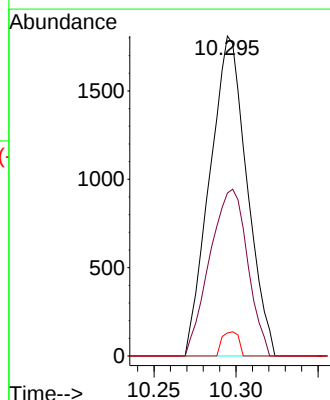
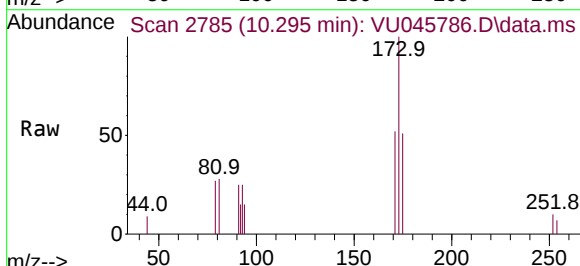
Tgt Ion:173 Resp: 2840

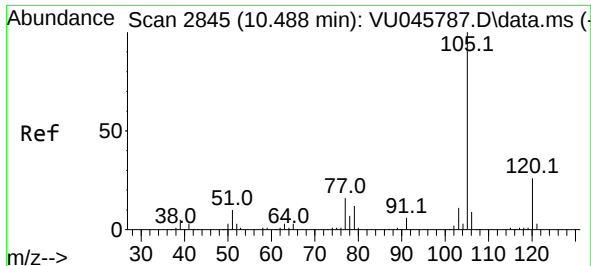
Ion Ratio Lower Upper

173 100

175 53.2 37.8 56.6

254 3.4 7.3 10.9#

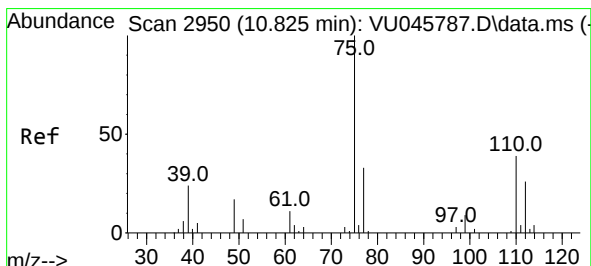
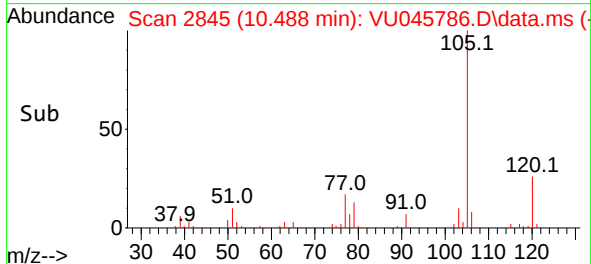
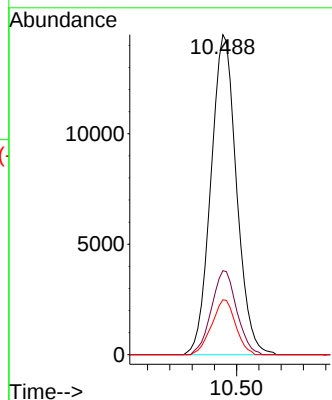
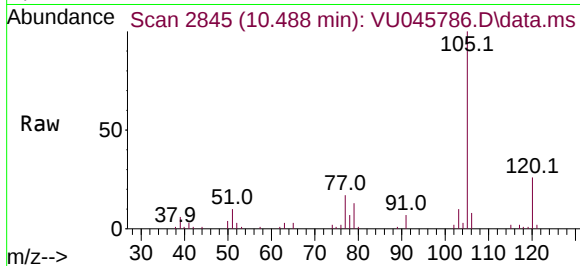




#60
Isopropylbenzene
Concen: 0.802 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045786.D
Acq: 15 Nov 2021 11:16

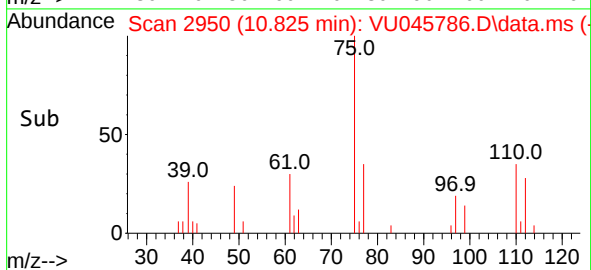
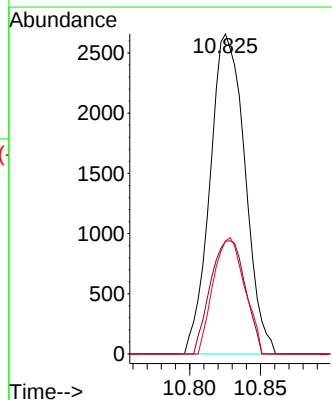
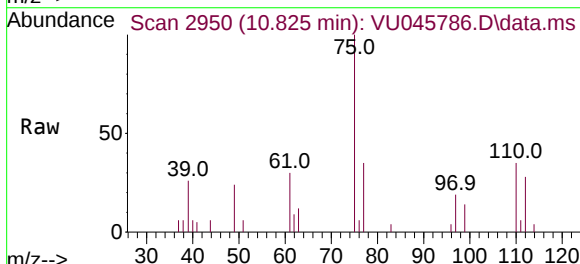
Instrument :
MSVOA_U
ClientSampleId :
VSTD001035

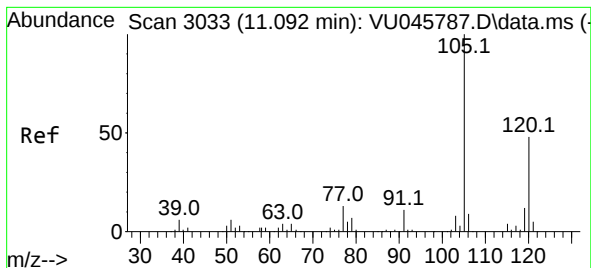
Tgt Ion:105 Resp: 23111
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 16.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 0.922 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045786.D
Acq: 15 Nov 2021 11:16

Tgt Ion: 75 Resp: 4558
Ion Ratio Lower Upper
75 100
110 35.2 29.9 44.9
77 32.7 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 0.734 ug/L

RT: 11.092 min Scan# 3033

Delta R.T. 0.000 min

Lab File: VU045786.D

Acq: 15 Nov 2021 11:16

Instrument :

MSVOA_U

ClientSampleId :

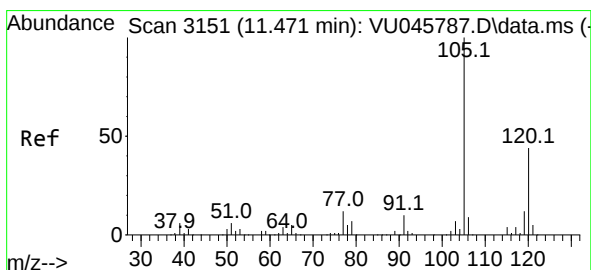
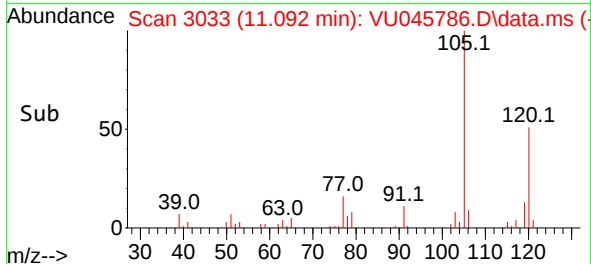
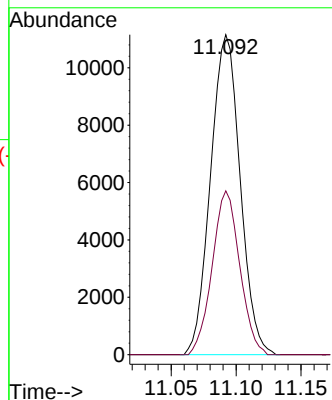
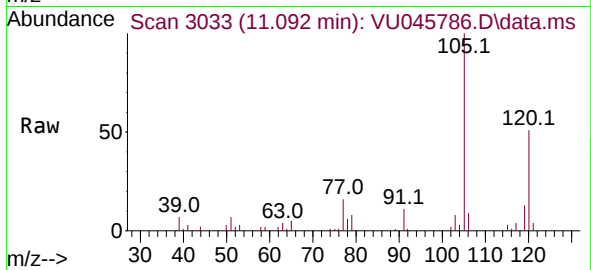
VSTD001035

Tgt Ion:105 Resp: 17662

Ion Ratio Lower Upper

105 100

120 47.6 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 0.717 ug/L

RT: 11.472 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VU045786.D

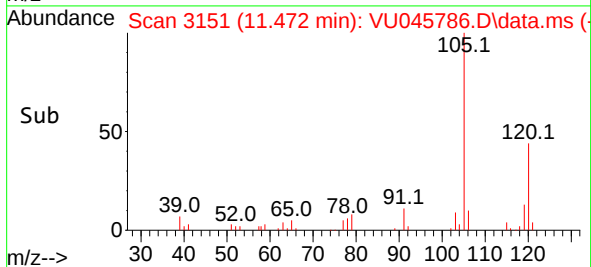
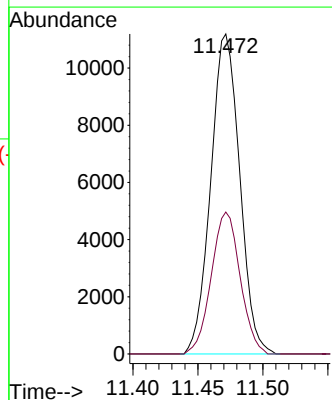
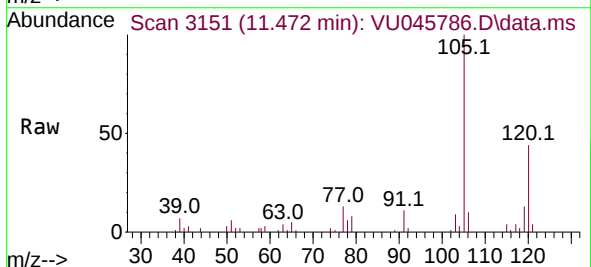
Acq: 15 Nov 2021 11:16

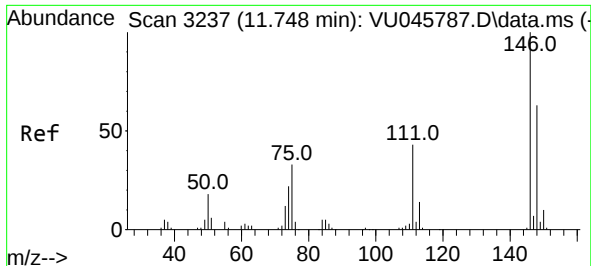
Tgt Ion:105 Resp: 17329

Ion Ratio Lower Upper

105 100

120 44.2 35.8 53.8

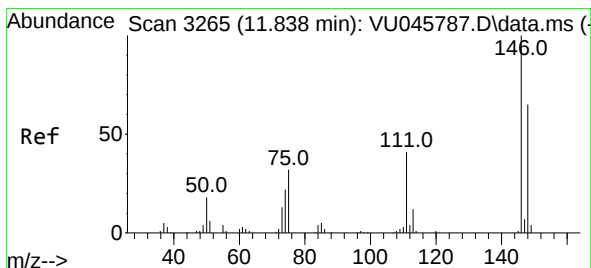
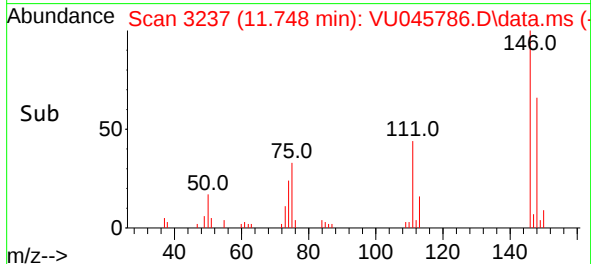
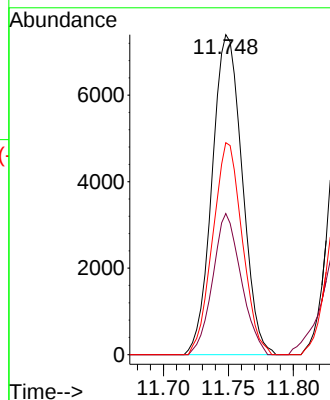
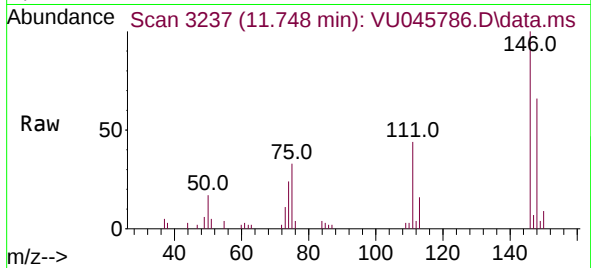




#64
1,3-Dichlorobenzene
Concen: 0.905 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045786.D
Acq: 15 Nov 2021 11:16

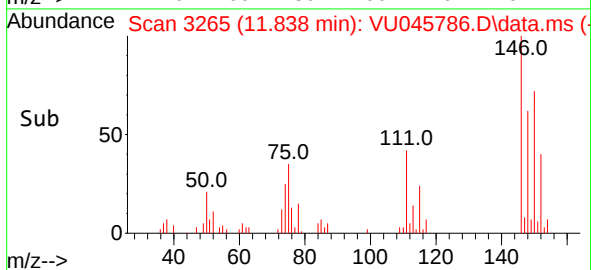
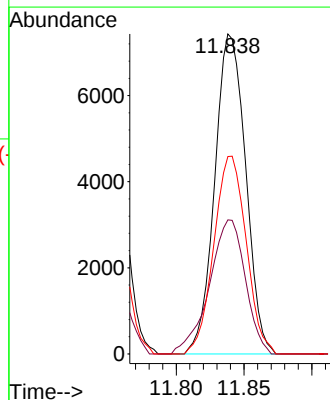
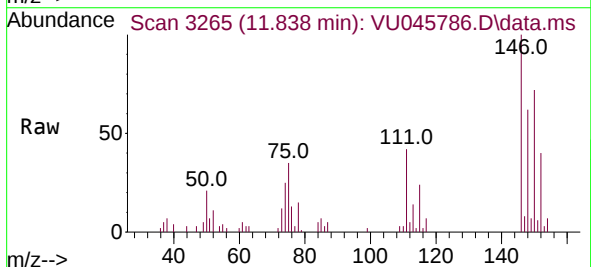
Instrument :
MSVOA_U
ClientSampleId :
VSTD001035

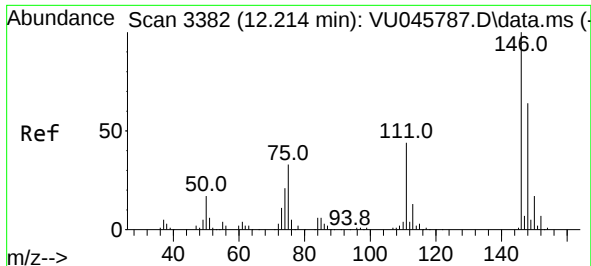
Tgt Ion:146 Resp: 11902
Ion Ratio Lower Upper
146 100
111 44.1 29.9 55.5
148 66.2 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 0.891 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045786.D
Acq: 15 Nov 2021 11:16

Tgt Ion:146 Resp: 11802
Ion Ratio Lower Upper
146 100
111 41.9 28.7 53.3
148 61.7 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 0.858 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU045786.D

Acq: 15 Nov 2021 11:16

Instrument :

MSVOA_U

ClientSampleId :

VSTD001035

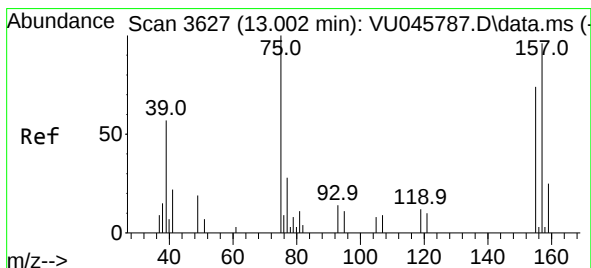
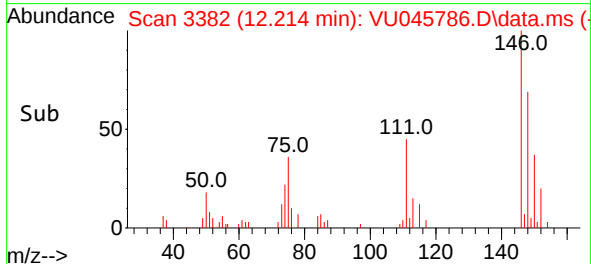
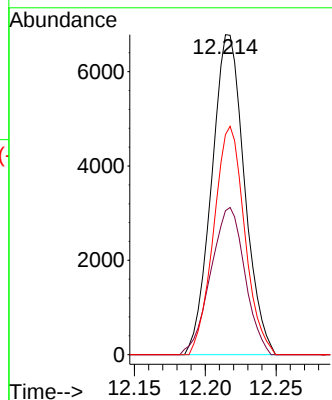
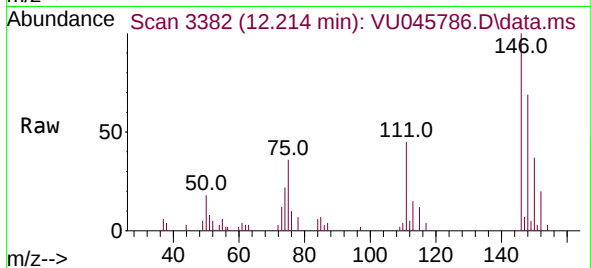
Tgt Ion:146 Resp: 10929

Ion Ratio Lower Upper

146 100

111 45.0 35.4 53.0

148 68.8 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 0.815 ug/L

RT: 13.002 min Scan# 3627

Delta R.T. 0.000 min

Lab File: VU045786.D

Acq: 15 Nov 2021 11:16

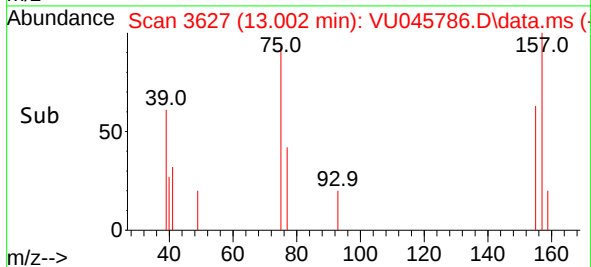
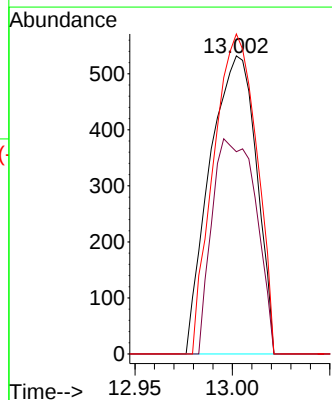
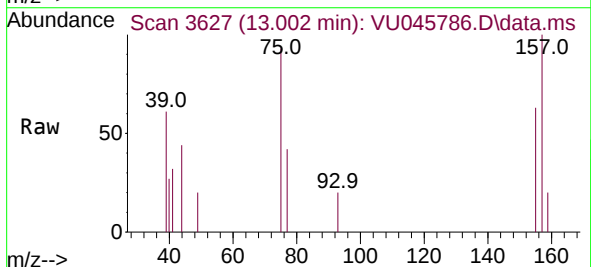
Tgt Ion: 75 Resp: 885

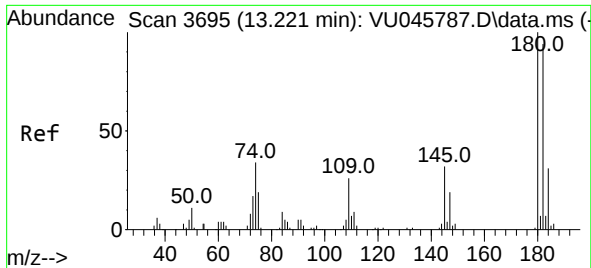
Ion Ratio Lower Upper

75 100

155 67.9 59.2 88.8

157 107.3 76.5 114.7

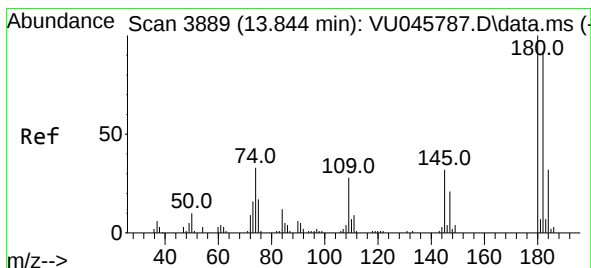
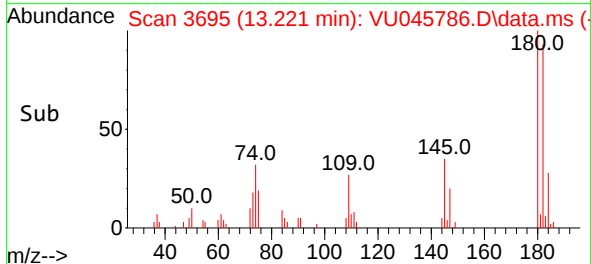
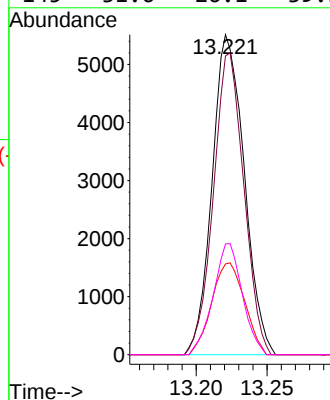
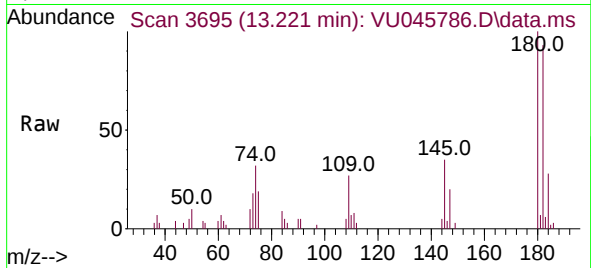




#69
 1,3,5-Trichlorobenzene
 Concen: 0.896 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU045786.D
 Acq: 15 Nov 2021 11:16

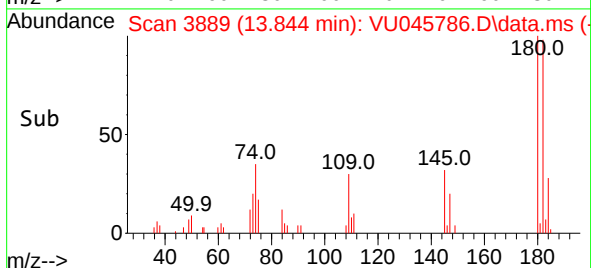
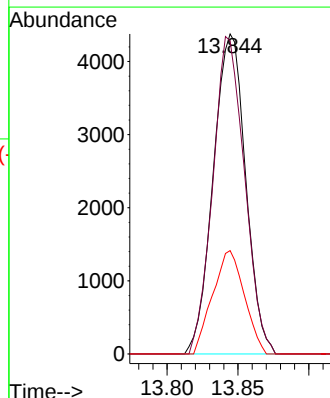
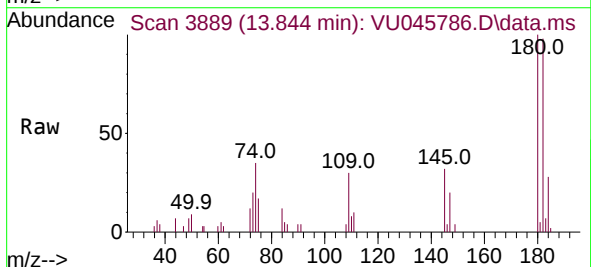
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001035

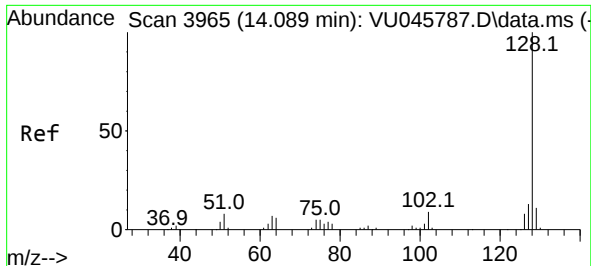
Tgt Ion:180	Resp:	8676
Ion Ratio	Lower	Upper
180	100	
182	89.3	76.1 114.1
184	29.4	25.0 37.4
145	31.6	26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 0.814 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.000 min
 Lab File: VU045786.D
 Acq: 15 Nov 2021 11:16

Tgt Ion:180	Resp:	6960
Ion Ratio	Lower	Upper
180	100	
182	96.9	76.4 114.6
145	31.6	25.6 38.4

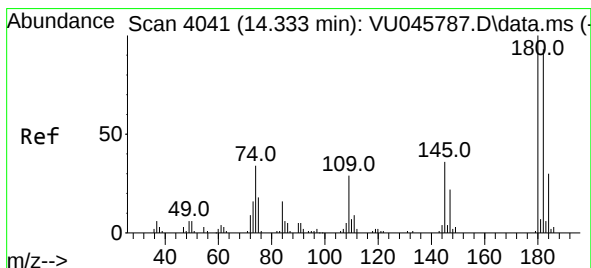
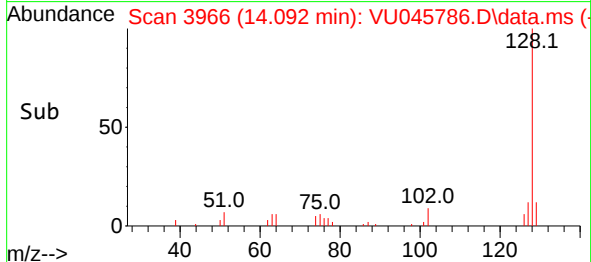
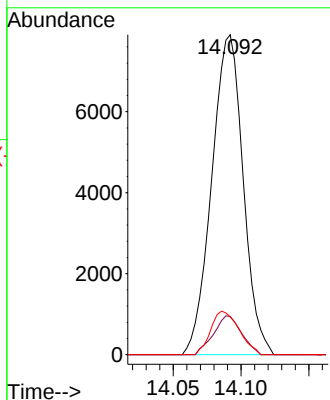
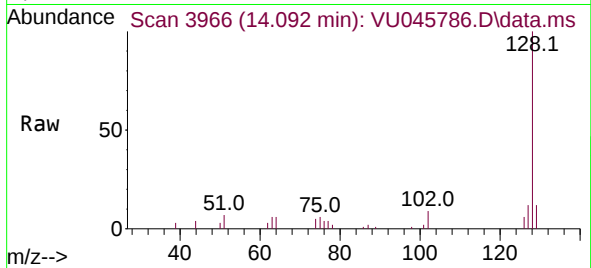




#71
Naphthalene
Concen: 0.701 ug/L
RT: 14.092 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU045786.D
Acq: 15 Nov 2021 11:16

Instrument :
MSVOA_U
ClientSampleId :
VSTD001035

Tgt Ion:128 Resp: 12737
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 12.3 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 0.836 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045786.D
Acq: 15 Nov 2021 11:16

Tgt Ion:180 Resp: 6825
Ion Ratio Lower Upper
180 100
182 95.2 76.2 114.4
145 31.8 28.4 42.6

