

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111521\
 Data File : VU045788.D
 Acq On : 15 Nov 2021 12:15
 Operator : SY/MD
 Sample : VSTD01037
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010037

Quant Time: Nov 16 02:24:40 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	99863	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	99474	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	51851	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	81910	9.854	ug/L	0.00
7) Chloroethane-d5	1.916	69	58373	10.594	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	65	34387	10.385	ug/L	0.00
20) 2-Butanone-d5	4.636	46	219336	90.868	ug/L	0.00
24) Chloroform-d	5.067	84	134812	9.811	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	76357	10.606	ug/L	0.00
32) Benzene-d6	5.729	84	286895	9.976	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	88851	9.271	ug/L	0.00
41) Toluene-d8	7.899	98	259258	9.725	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	37846	9.793	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	179140	85.403	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	74774	8.904	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	88866	9.078	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	85840	9.875	ug/L	100
3) Chloromethane	1.520	50	87262	8.576	ug/L	100
5) Vinyl chloride	1.604	62	89902	9.169	ug/L	100
6) Bromomethane	1.858	94	51453	11.109	ug/L	98
8) Chloroethane	1.935	64	50035	10.722	ug/L	100
9) Trichlorofluoromethane	2.141	101	116397	13.081	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	67996	10.479	ug/L	99
12) 1,1-Dichloroethene	2.581	96	63600	10.108	ug/L	95
13) Acetone	2.649	43	125075	97.902	ug/L	97
14) Carbon disulfide	2.797	76	199630	9.231	ug/L	100
15) Methyl Acetate	2.958	43	32342	9.740	ug/L	99
16) Methylene chloride	3.048	84	73832	9.251	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	172271	9.767	ug/L	100
18) trans-1,2-Dichloroethene	3.356	96	68726	9.893	ug/L	99
19) 1,1-Dichloroethane	3.874	63	129840	10.154	ug/L	98
21) 2-Butanone	4.716	43	220975	101.230	ug/L	100
22) cis-1,2-Dichloroethene	4.671	96	76485	10.318	ug/L	99
23) Bromochloromethane	4.980	128	33451	10.440	ug/L	99
25) Chloroform	5.092	83	137211	10.785	ug/L	99
27) 1,2-Dichloroethane	5.797	62	87839	11.200	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	114335	11.150	ug/L	99
30) Cyclohexane	5.391	56	116653	9.743	ug/L	99
31) Carbon tetrachloride	5.527	117	97624	11.506	ug/L	98
33) Benzene	5.777	78	290376	9.966	ug/L	100
34) Trichloroethene	6.546	95	73809	9.710	ug/L	98
35) Methylcyclohexane	6.768	83	122277	9.532	ug/L	99
37) 1,2-Dichloropropane	6.793	63	75823	9.697	ug/L	99
38) Bromodichloromethane	7.108	83	94808	10.646	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	113605	10.182	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	523030	99.847	ug/L	100
42) Toluene	7.970	91	311648	9.792	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	98004	9.995	ug/L	98

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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 02:21:17 2021
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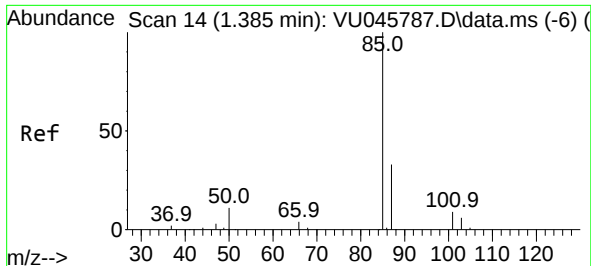
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.404	97	55978	9.924	ug/L	98
47) Tetrachloroethene	8.555	164	53063	9.846	ug/L	97
48) 2-Hexanone	8.687	43	381082	98.974	ug/L	99
49) Dibromochloromethane	8.813	129	64652	11.294	ug/L	98
50) 1,2-Dibromoethane	8.925	107	53963	10.543	ug/L	97
51) Chlorobenzene	9.449	112	191448	10.101	ug/L	100
52) Ethylbenzene	9.571	91	333200	10.135	ug/L	99
53) m,p-Xylene	9.697	106	128551	10.037	ug/L	93
54) o-Xylene	10.102	106	124717	9.972	ug/L	96
55) Styrene	10.115	104	216852	10.388	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	73188	9.682	ug/L	95
59) Bromoform	10.292	173	35997	10.837	ug/L	98
60) Isopropylbenzene	10.488	105	335486	10.011	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	53903	9.373	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	283652	10.132	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	284924	10.134	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	147541	9.646	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	146229	9.493	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	142857	9.648	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	11581	9.168	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	109486	9.729	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	94052	9.460	ug/L	99
71) Naphthalene	14.089	128	205296	9.713	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	94180	9.923	ug/L	98

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

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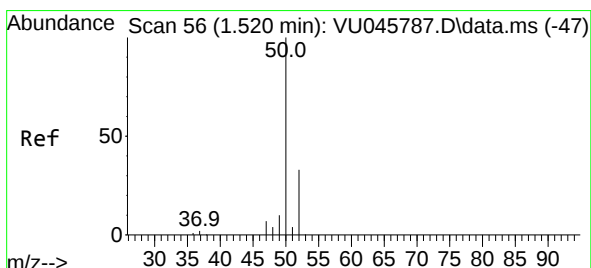
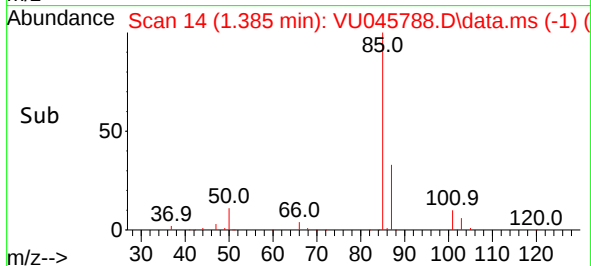
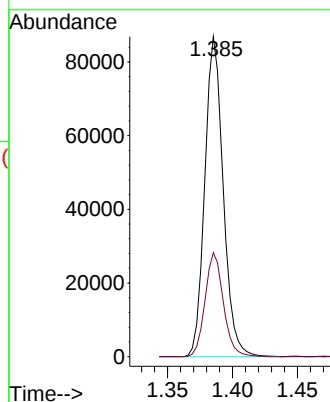
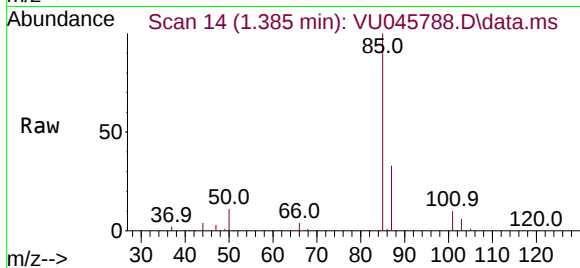




#2
Dichlorodifluoromethane
Concen: 9.875 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045788.D
Acq: 15 Nov 2021 12:15

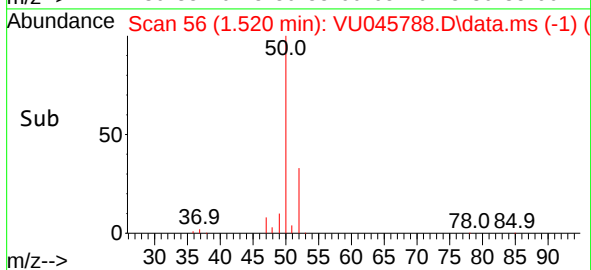
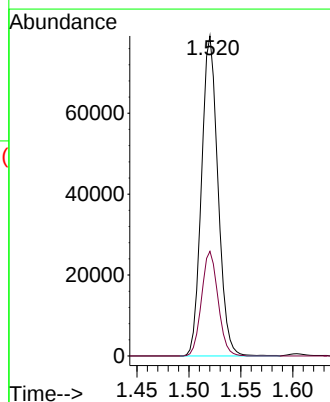
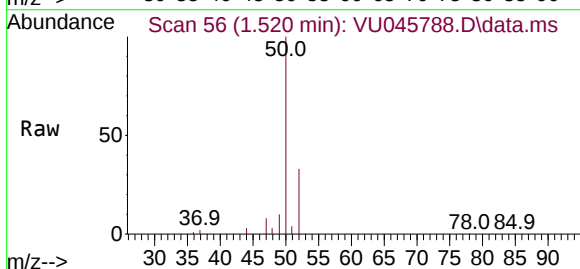
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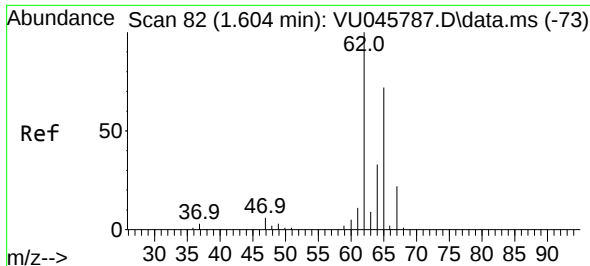
Tgt Ion: 85 Resp: 85840
Ion Ratio Lower Upper
85 100
87 32.3 25.8 38.6



#3
Chloromethane
Concen: 8.576 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045788.D
Acq: 15 Nov 2021 12:15

Tgt Ion: 50 Resp: 87262
Ion Ratio Lower Upper
50 100
52 32.7 23.0 42.8

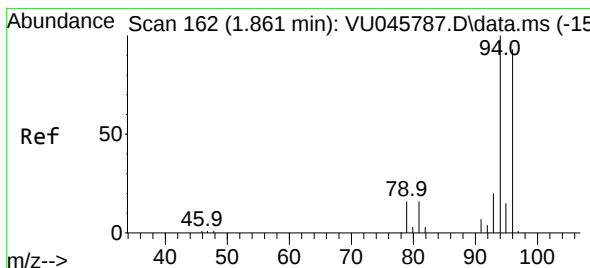
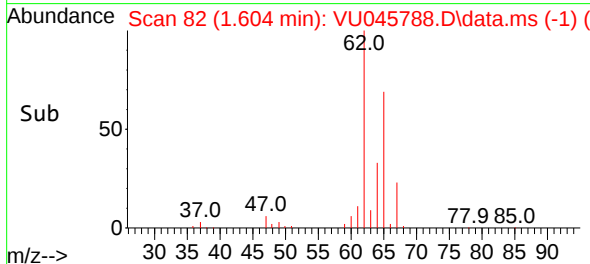
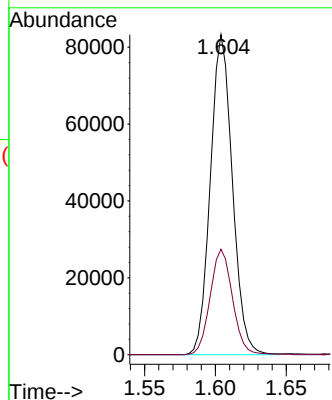
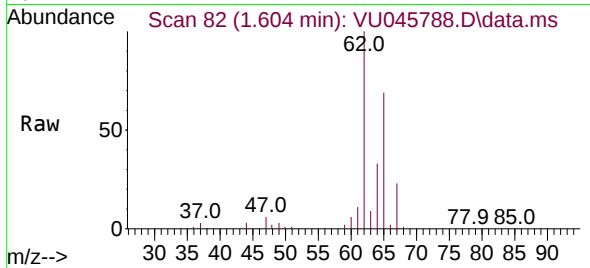




#5
 Vinyl chloride
 Concen: 9.169 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU045788.D
 Acq: 15 Nov 2021 12:15

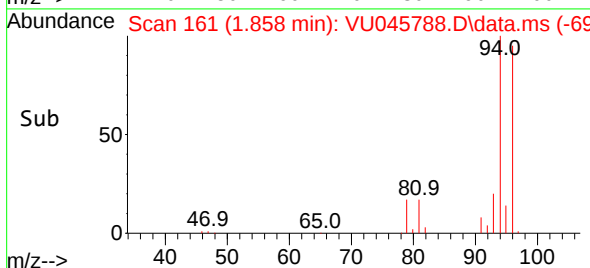
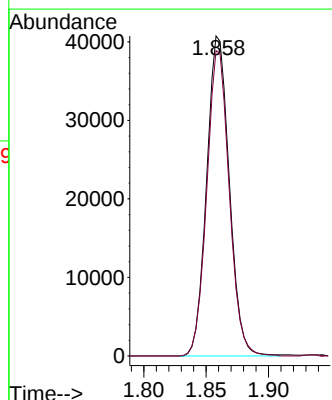
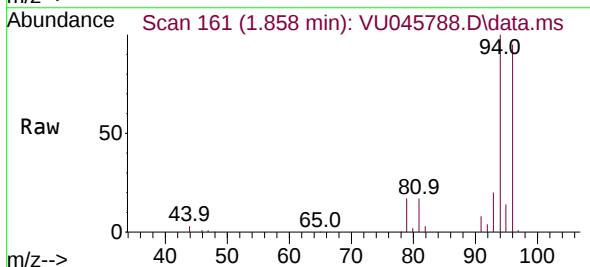
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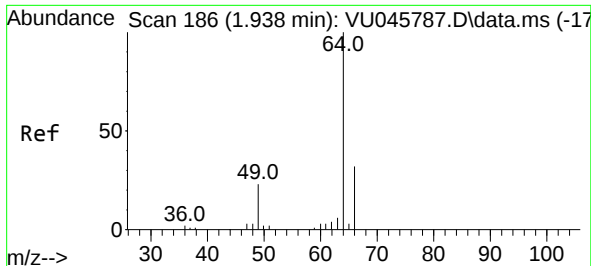
Tgt Ion: 62 Resp: 89902
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.9 42.5



#6
 Bromomethane
 Concen: 11.109 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.003 min
 Lab File: VU045788.D
 Acq: 15 Nov 2021 12:15

Tgt Ion: 94 Resp: 51453
 Ion Ratio Lower Upper
 94 100
 96 95.4 65.5 121.6

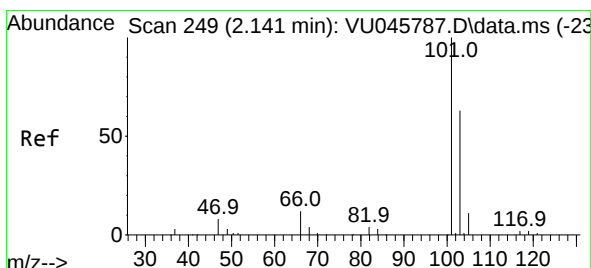
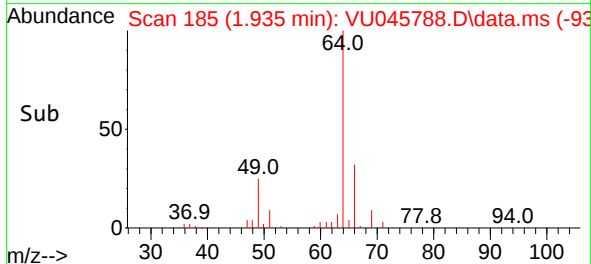
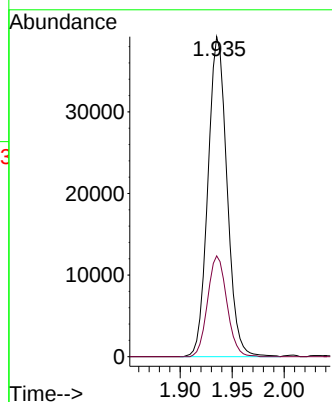
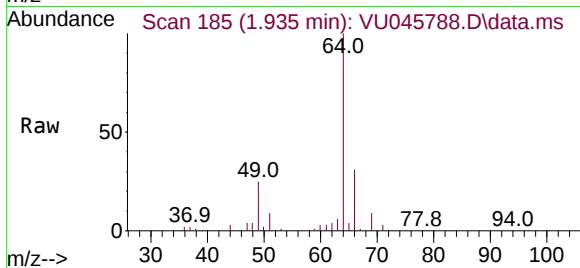




#8
Chloroethane
Concen: 10.722 ug/L
RT: 1.935 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU045788.D
Acq: 15 Nov 2021 12:15

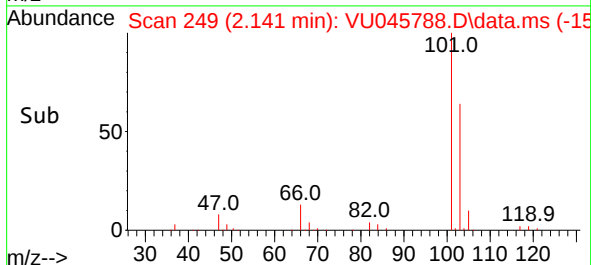
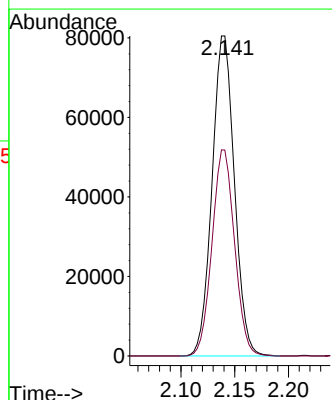
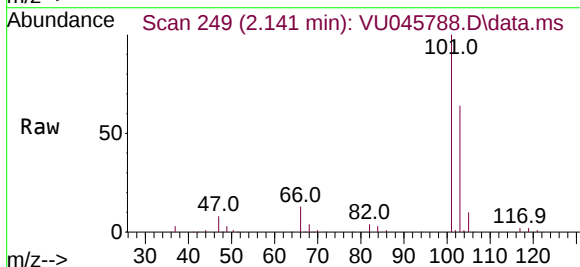
Instrument :
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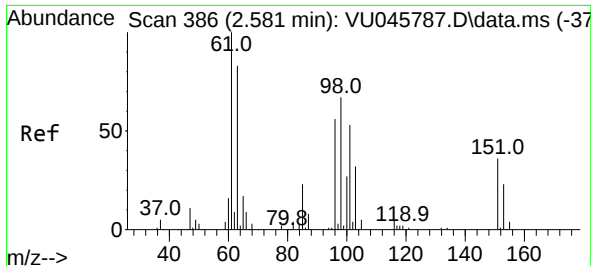
Tgt Ion: 64 Resp: 50035
Ion Ratio Lower Upper
64 100
66 31.5 22.1 41.1



#9
Trichlorofluoromethane
Concen: 13.081 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU045788.D
Acq: 15 Nov 2021 12:15

Tgt Ion:101 Resp: 116397
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3

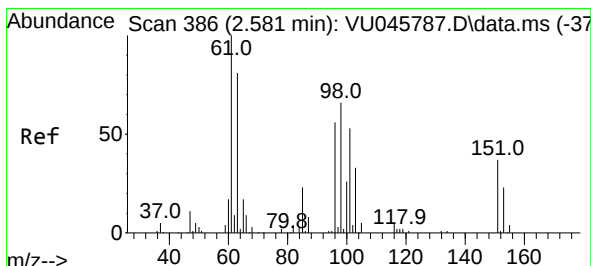
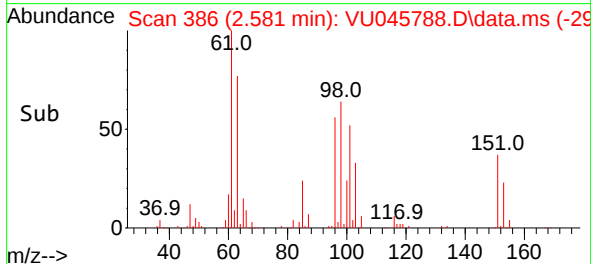
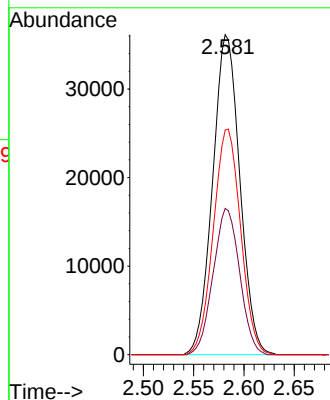
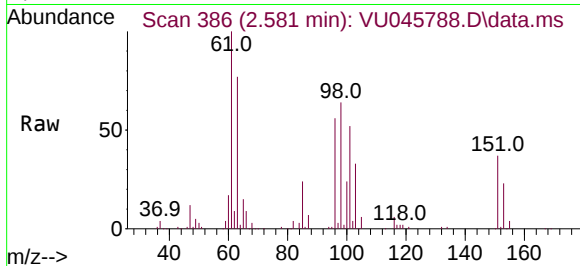




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.479 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU045788.D
 Acq: 15 Nov 2021 12:15

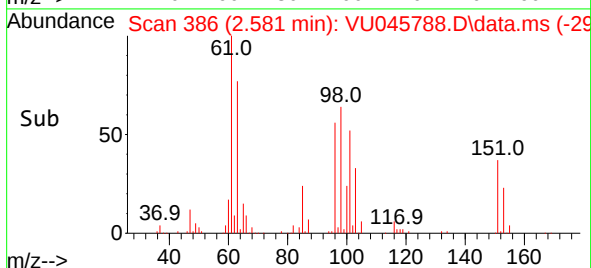
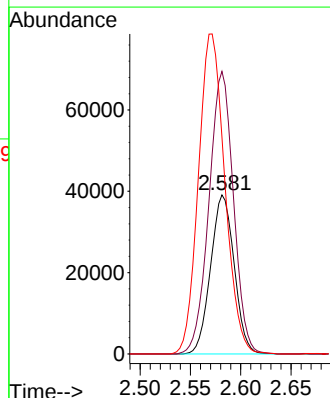
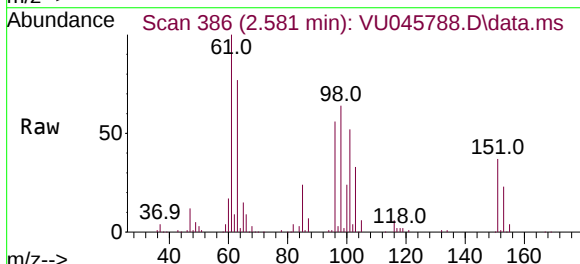
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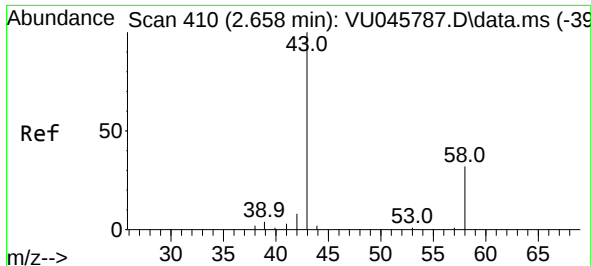
Tgt Ion:101 Resp: 67996
 Ion Ratio Lower Upper
 101 100
 85 44.5 34.6 51.8
 151 70.9 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 10.108 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU045788.D
 Acq: 15 Nov 2021 12:15

Tgt Ion: 96 Resp: 63600
 Ion Ratio Lower Upper
 96 100
 61 177.6 124.7 231.5
 63 136.3 105.2 195.4





#13

Acetone

Concen: 97.902 ug/L

RT: 2.649 min Scan# 410

Delta R.T. -0.009 min

Lab File: VU045788.D

Acq: 15 Nov 2021 12:15

Instrument :

MSVOA_U

ClientSampleId :

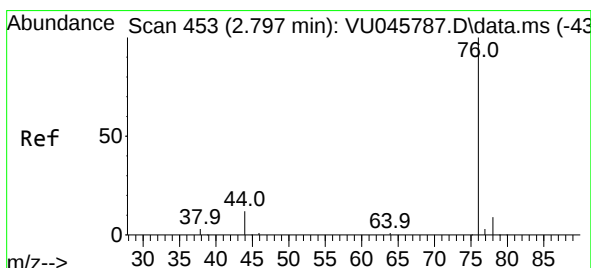
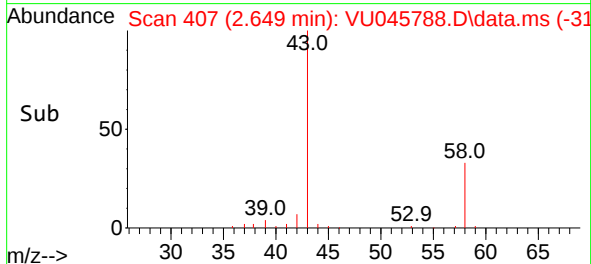
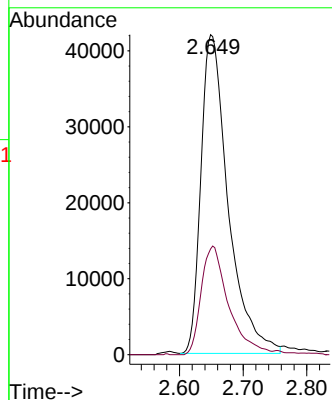
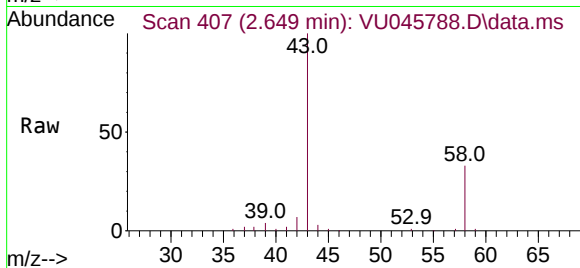
VSTD010037

Tgt Ion: 43 Resp: 125075

Ion Ratio Lower Upper

43 100

58 34.2 0.0 71.6



#14

Carbon disulfide

Concen: 9.231 ug/L

RT: 2.797 min Scan# 453

Delta R.T. 0.000 min

Lab File: VU045788.D

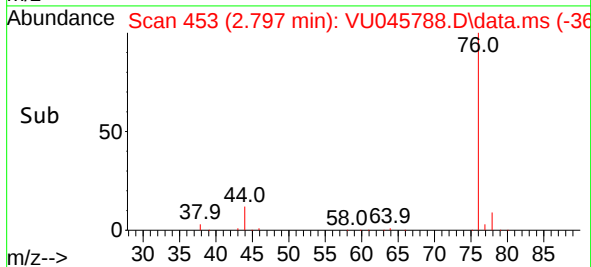
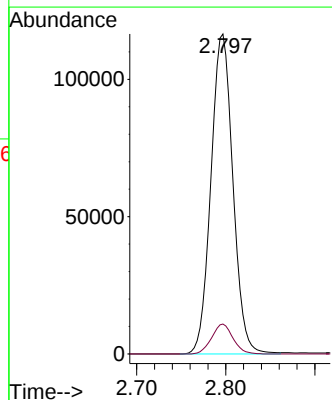
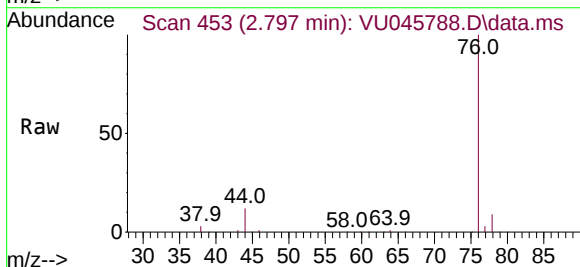
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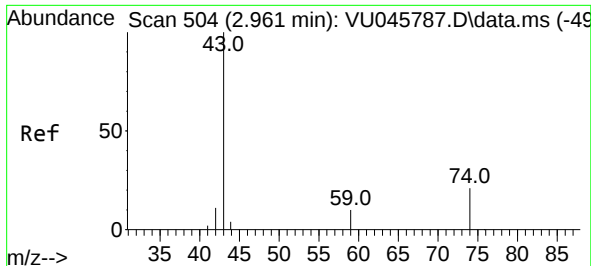
Tgt Ion: 76 Resp: 199630

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

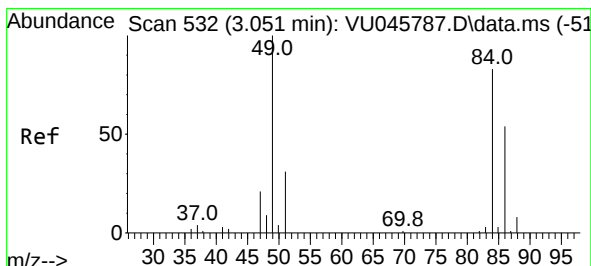
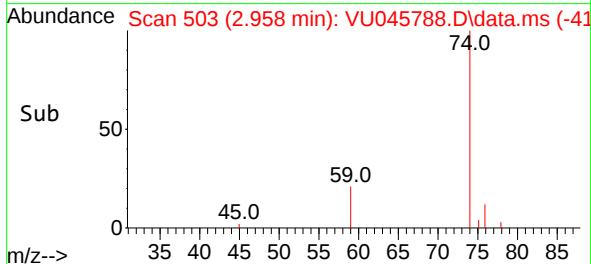
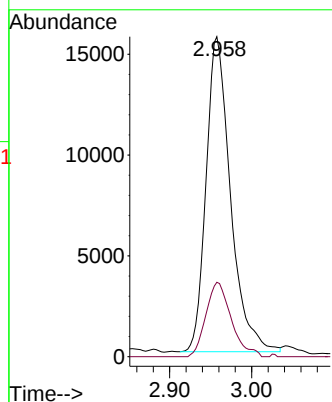
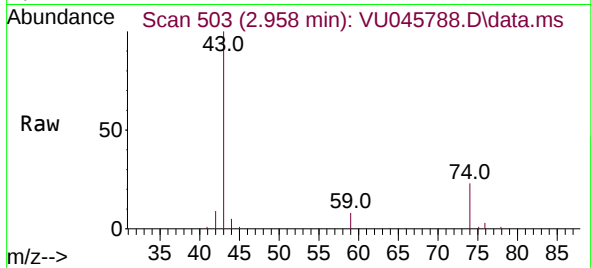




#15
Methyl Acetate
Concen: 9.740 ug/L
RT: 2.958 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU045788.D
Acq: 15 Nov 2021 12:15

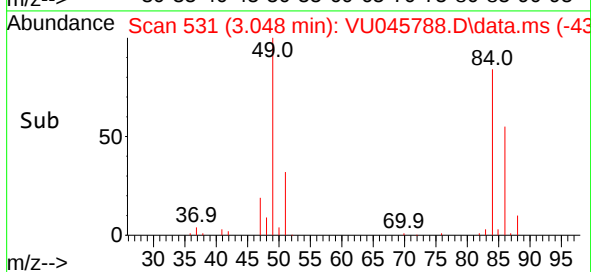
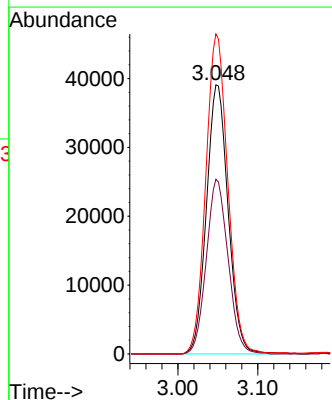
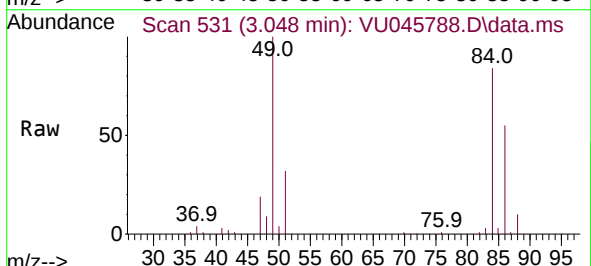
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ClientSampleId :
VSTD010037

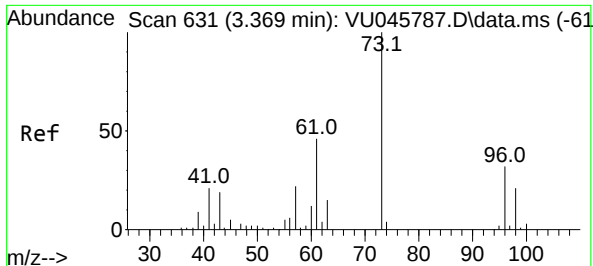
Tgt Ion: 43 Resp: 32342
Ion Ratio Lower Upper
43 100
74 24.4 19.1 28.7



#16
Methylene chloride
Concen: 9.251 ug/L
RT: 3.048 min Scan# 531
Delta R.T. -0.003 min
Lab File: VU045788.D
Acq: 15 Nov 2021 12:15

Tgt Ion: 84 Resp: 73832
Ion Ratio Lower Upper
84 100
86 65.0 45.8 85.0
49 118.9 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 9.767 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU045788.D

Acq: 15 Nov 2021 12:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD010037

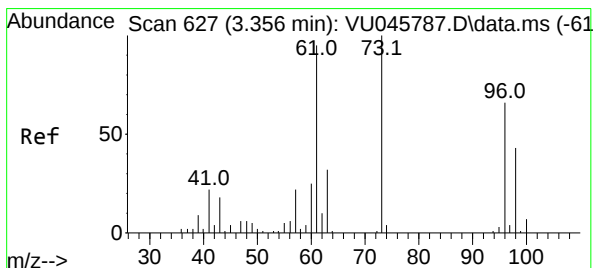
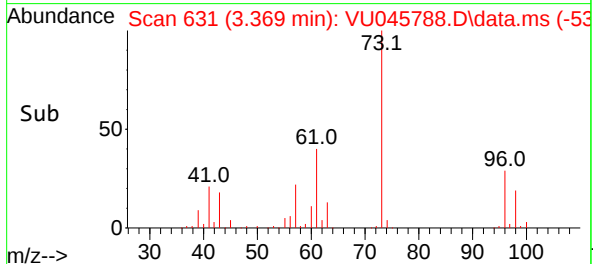
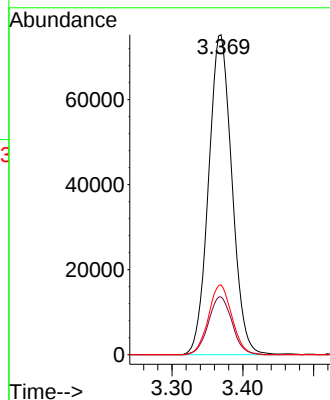
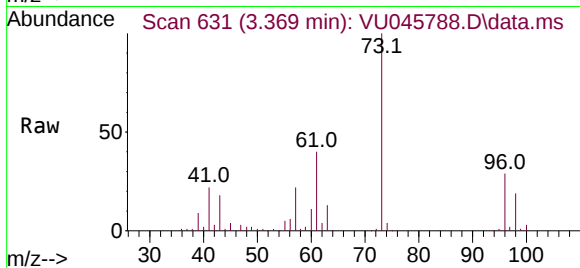
Tgt Ion: 73 Resp: 172271

Ion Ratio Lower Upper

73 100

43 18.4 14.8 22.2

57 21.9 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 9.893 ug/L

RT: 3.356 min Scan# 627

Delta R.T. 0.000 min

Lab File: VU045788.D

Acq: 15 Nov 2021 12:15

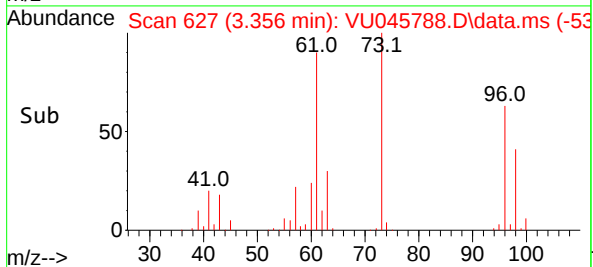
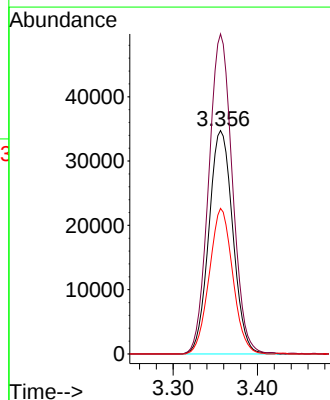
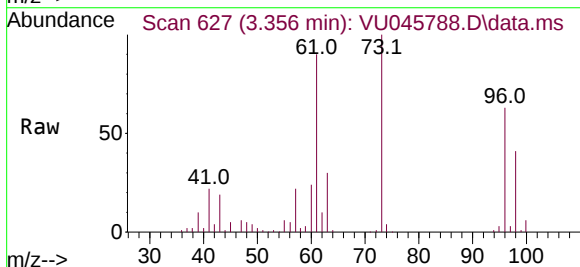
Tgt Ion: 96 Resp: 68726

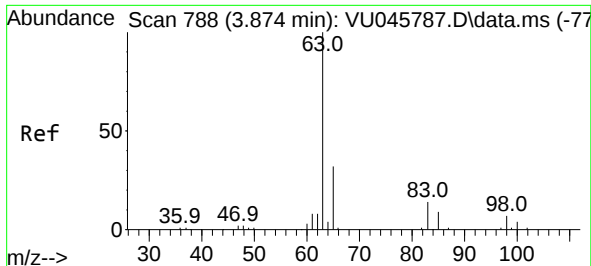
Ion Ratio Lower Upper

96 100

61 143.3 100.8 187.2

98 65.2 45.1 83.7





#19

1,1-Dichloroethane

Concen: 10.154 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.000 min

Lab File: VU045788.D

Acq: 15 Nov 2021 12:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD010037

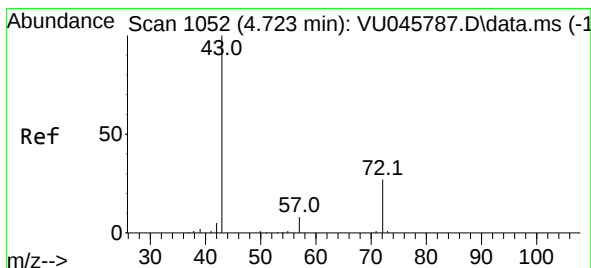
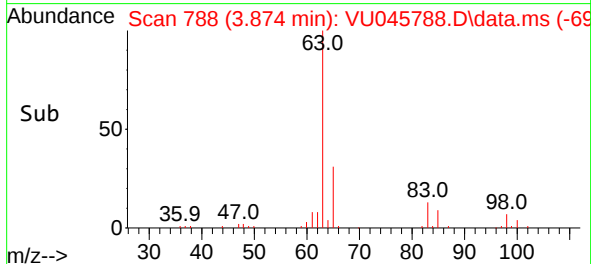
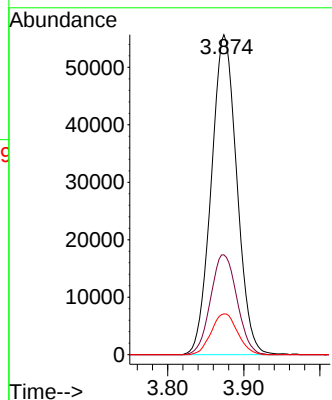
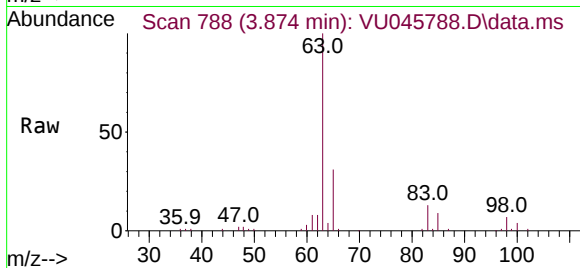
Tgt Ion: 63 Resp: 129840

Ion Ratio Lower Upper

63 100

65 31.2 22.3 41.5

83 12.7 9.6 17.8



#21

2-Butanone

Concen: 101.230 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. -0.006 min

Lab File: VU045788.D

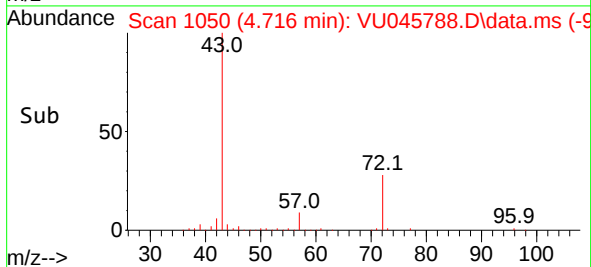
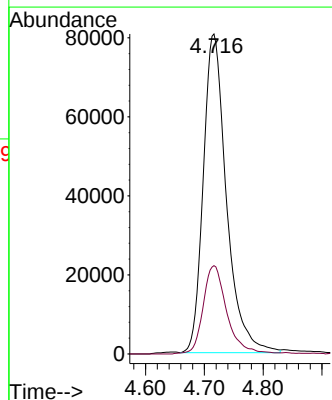
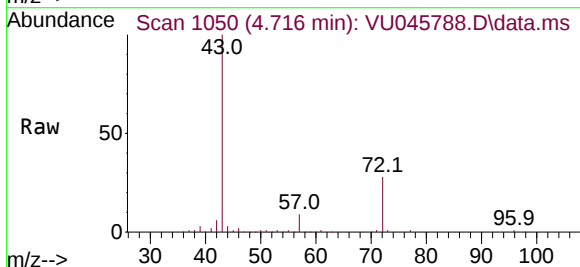
Acq: 15 Nov 2021 12:15

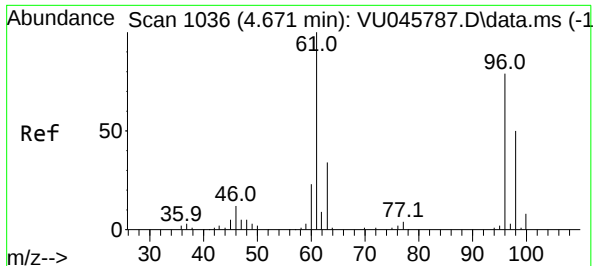
Tgt Ion: 43 Resp: 220975

Ion Ratio Lower Upper

43 100

72 28.3 14.1 42.3





#22

cis-1,2-Dichloroethene

Concen: 10.318 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU045788.D

Acq: 15 Nov 2021 12:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD010037

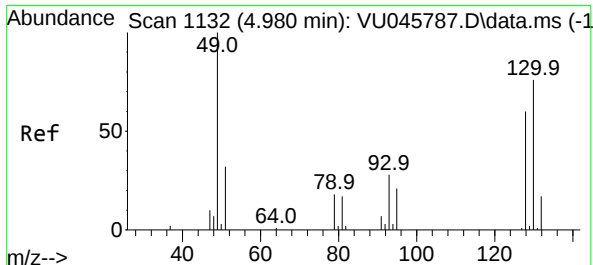
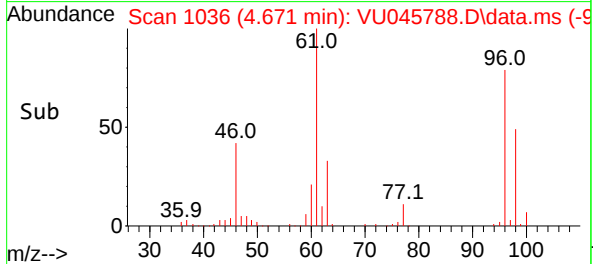
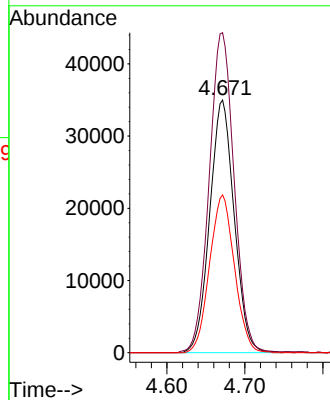
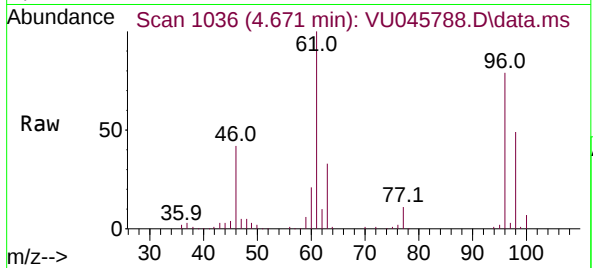
Tgt Ion: 96 Resp: 76485

Ion Ratio Lower Upper

96 100

61 126.7 88.5 164.3

98 62.5 44.4 82.5



#23

Bromochloromethane

Concen: 10.440 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU045788.D

Acq: 15 Nov 2021 12:15

Tgt Ion: 128 Resp: 33451

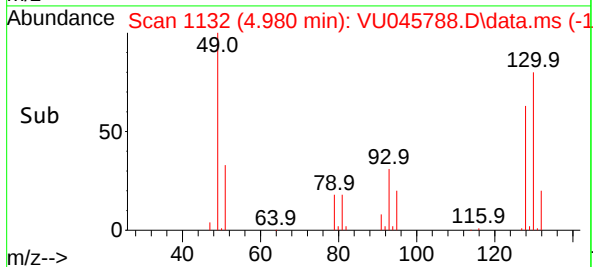
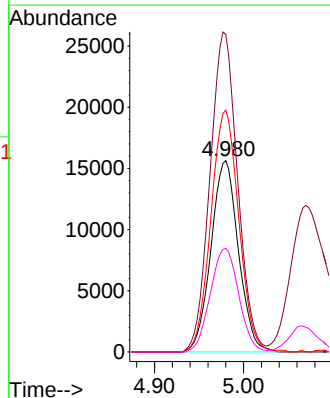
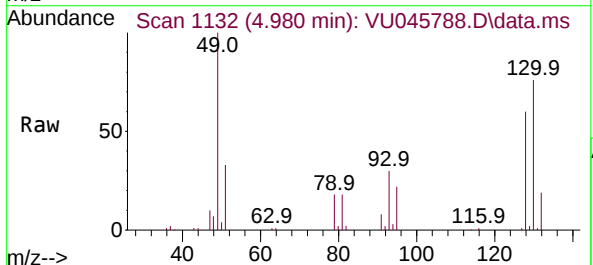
Ion Ratio Lower Upper

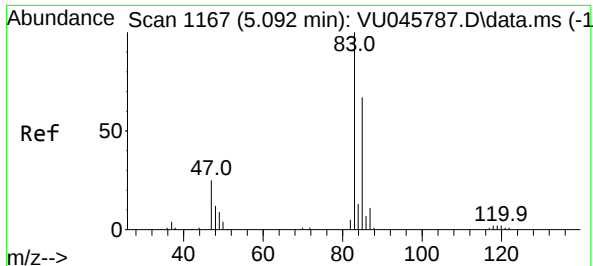
128 100

49 165.9 117.0 217.2

130 126.4 88.2 163.8

51 54.1 42.5 63.7





#25

Chloroform

Concen: 10.785 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045788.D

Acq: 15 Nov 2021 12:15

Instrument :

MSVOA_U

ClientSampleId :

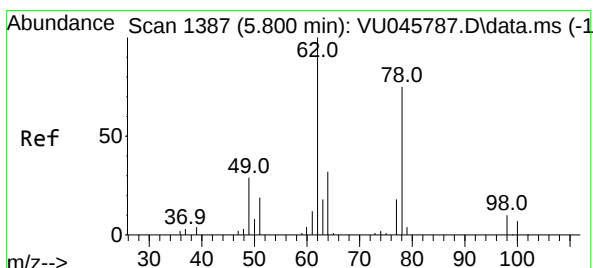
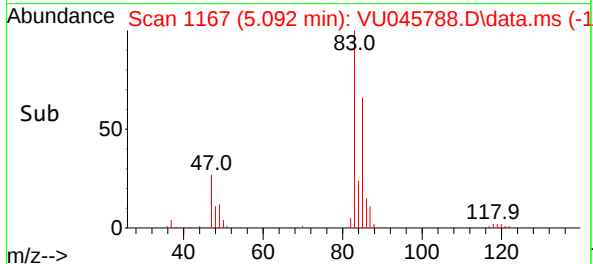
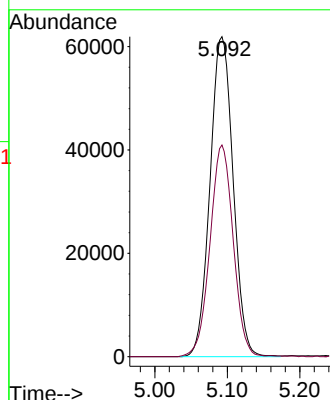
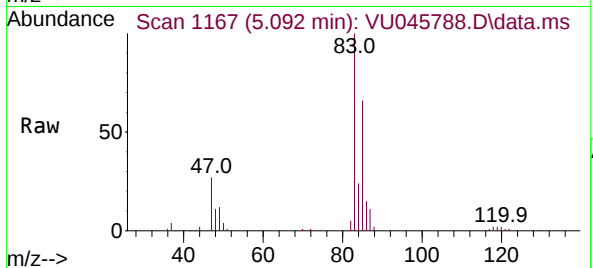
VSTD010037

Tgt Ion: 83 Resp: 137211

Ion Ratio Lower Upper

83 100

85 66.2 46.9 87.1



#27

1,2-Dichloroethane

Concen: 11.200 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU045788.D

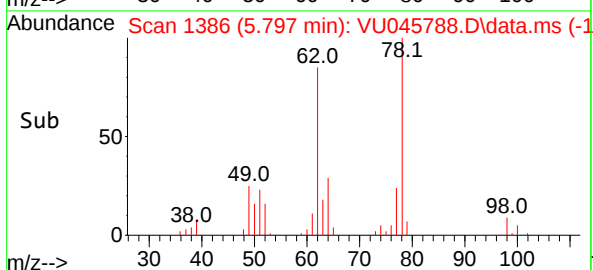
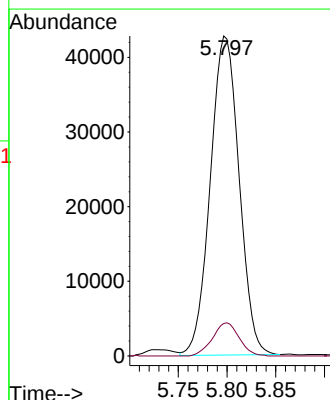
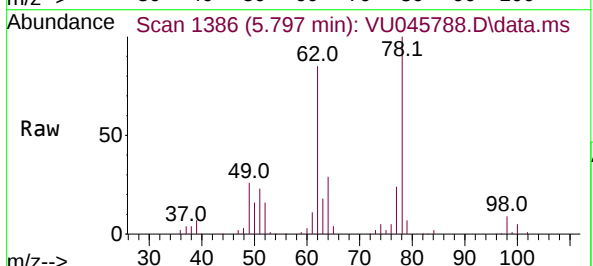
Acq: 15 Nov 2021 12:15

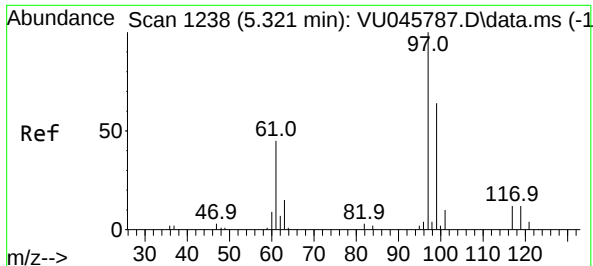
Tgt Ion: 62 Resp: 87839

Ion Ratio Lower Upper

62 100

98 10.1 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 11.150 ug/L

RT: 5.321 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045788.D

Acq: 15 Nov 2021 12:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD010037

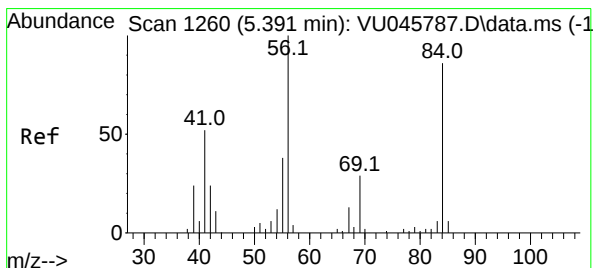
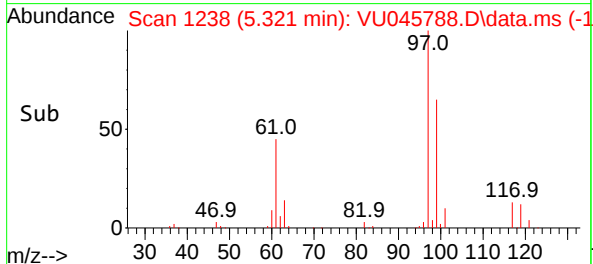
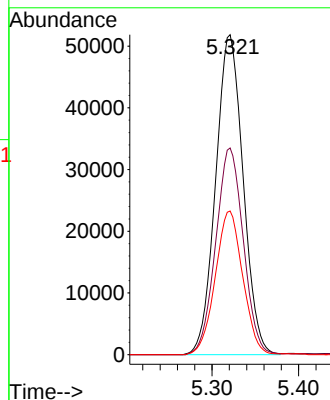
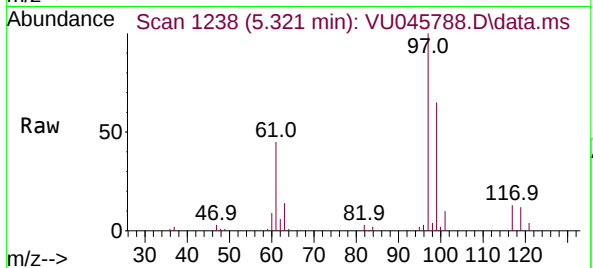
Tgt Ion: 97 Resp: 114335

Ion Ratio Lower Upper

97 100

99 64.9 51.3 76.9

61 44.9 36.1 54.1



#30

Cyclohexane

Concen: 9.743 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU045788.D

Acq: 15 Nov 2021 12:15

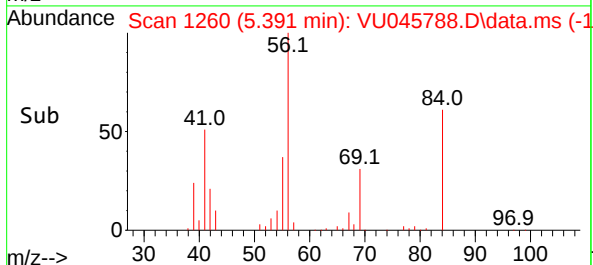
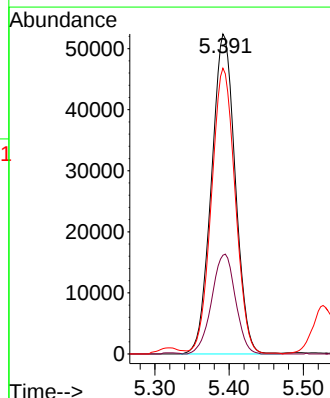
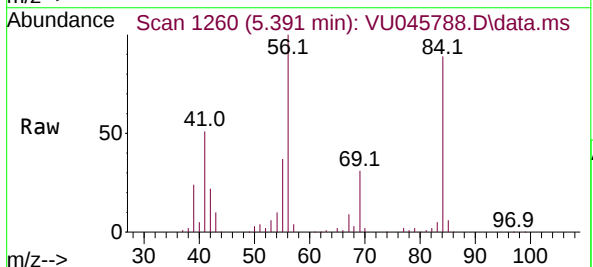
Tgt Ion: 56 Resp: 116653

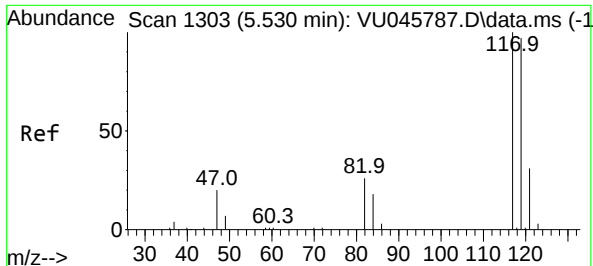
Ion Ratio Lower Upper

56 100

69 31.2 24.7 37.1

84 89.2 71.8 107.6

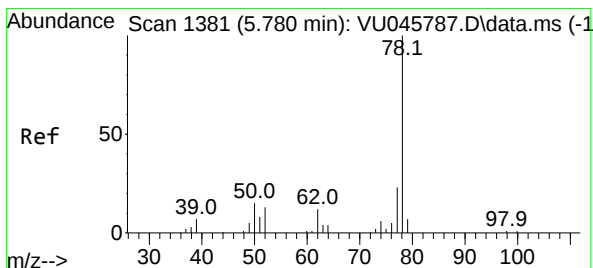
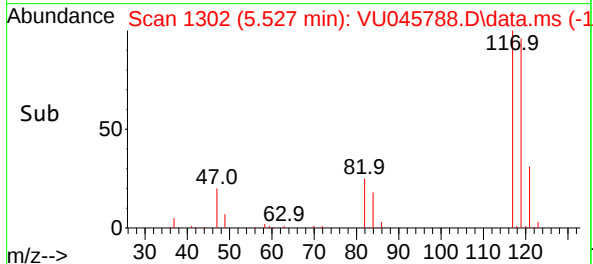
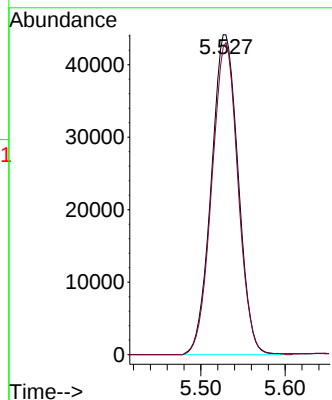
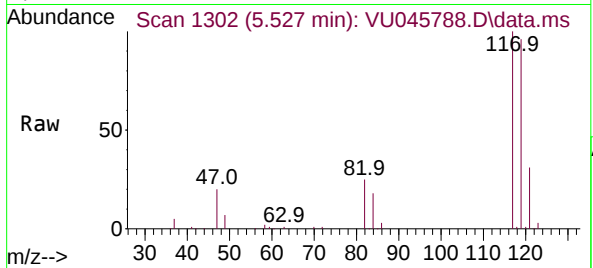




#31
Carbon tetrachloride
Concen: 11.506 ug/L
RT: 5.527 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU045788.D
Acq: 15 Nov 2021 12:15

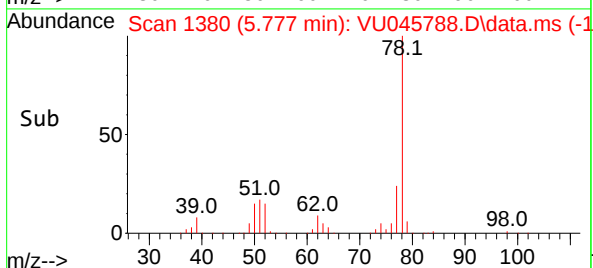
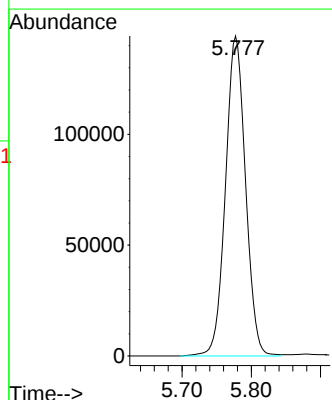
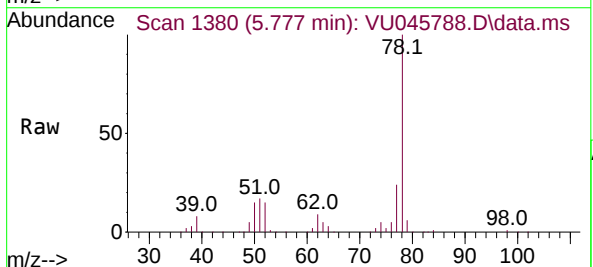
Instrument :
MSVOA_U
ClientSampleId :
VSTD010037

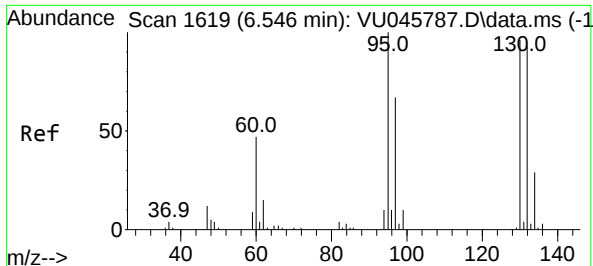
Tgt Ion:117 Resp: 97624
Ion Ratio Lower Upper
117 100
119 95.0 77.5 116.3



#33
Benzene
Concen: 9.966 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU045788.D
Acq: 15 Nov 2021 12:15

Tgt Ion: 78 Resp: 290376

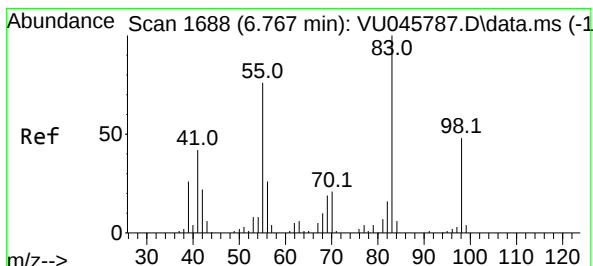
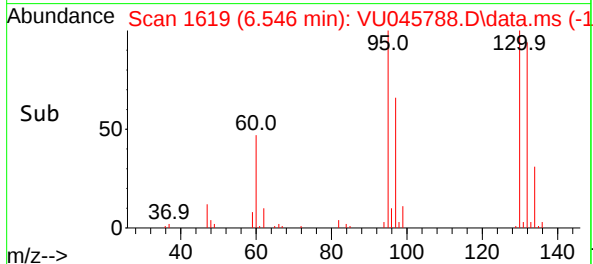
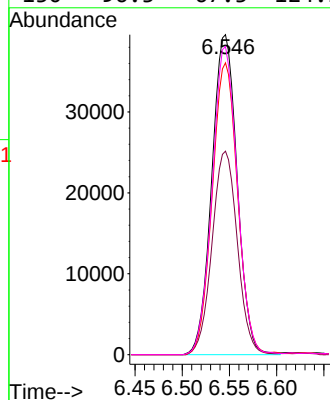
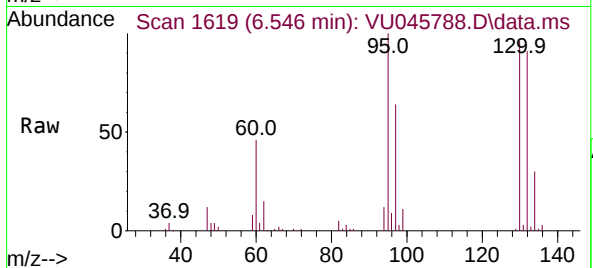




#34
Trichloroethene
Concen: 9.710 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045788.D
Acq: 15 Nov 2021 12:15

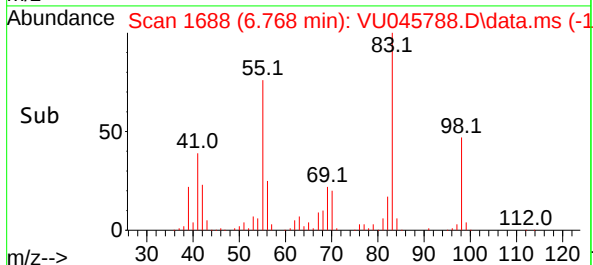
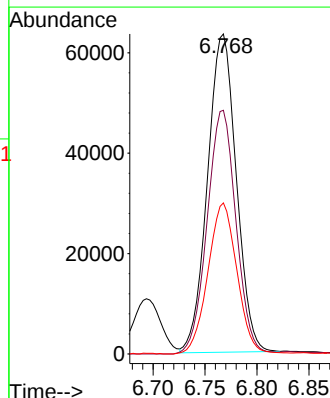
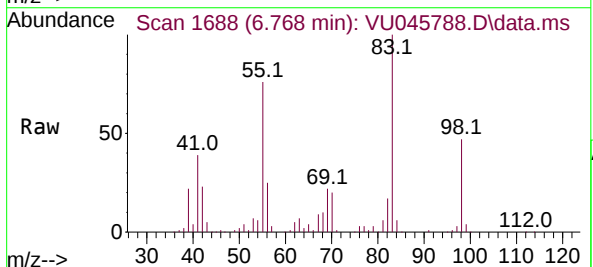
Instrument :
MSVOA_U
ClientSampleId :
VSTD010037

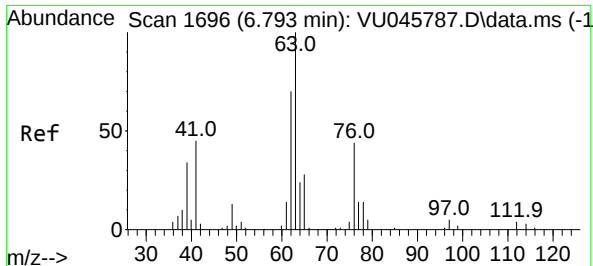
Tgt Ion: 95 Resp: 73809
Ion Ratio Lower Upper
95 100
97 63.6 46.5 86.5
132 91.2 65.1 120.9
130 96.3 67.3 124.9



#35
Methylcyclohexane
Concen: 9.532 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU045788.D
Acq: 15 Nov 2021 12:15

Tgt Ion: 83 Resp: 122277
Ion Ratio Lower Upper
83 100
55 76.7 61.9 92.9
98 47.9 39.0 58.6

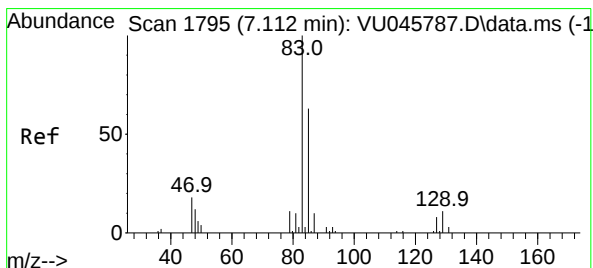
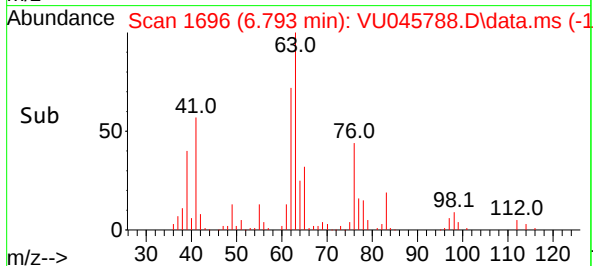
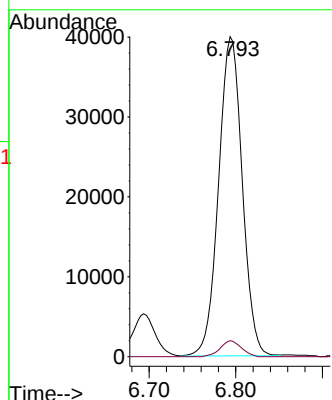
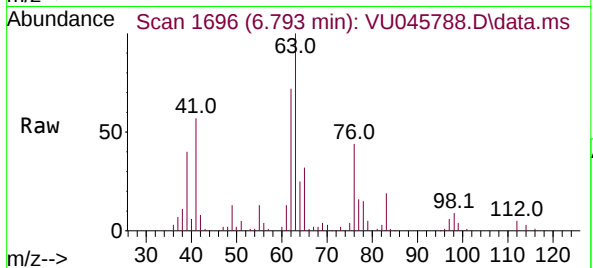




#37
1,2-Dichloropropane
Concen: 9.697 ug/L
RT: 6.793 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU045788.D
Acq: 15 Nov 2021 12:15

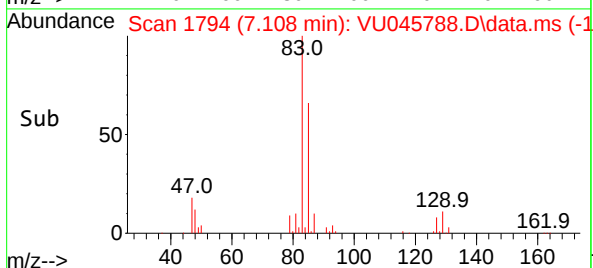
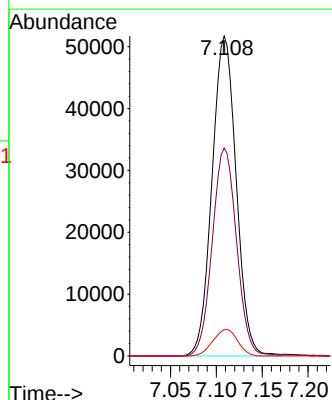
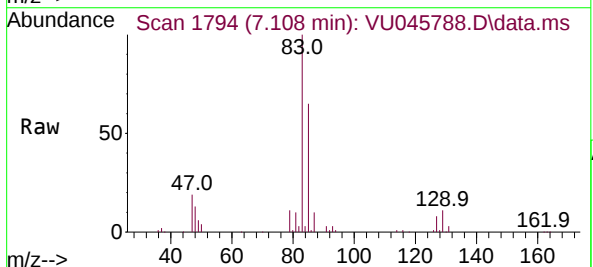
Instrument :
MSVOA_U
ClientSampleId :
VSTD010037

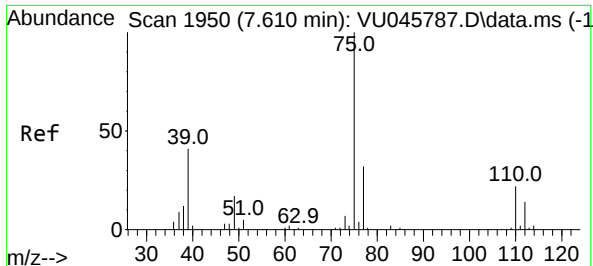
Tgt Ion: 63 Resp: 75823
Ion Ratio Lower Upper
63 100
112 4.5 3.2 4.8



#38
Bromodichloromethane
Concen: 10.646 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.003 min
Lab File: VU045788.D
Acq: 15 Nov 2021 12:15

Tgt Ion: 83 Resp: 94808
Ion Ratio Lower Upper
83 100
85 65.0 44.0 81.8
127 8.2 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 10.182 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045788.D

Acq: 15 Nov 2021 12:15

Instrument :

MSVOA_U

ClientSampleId :

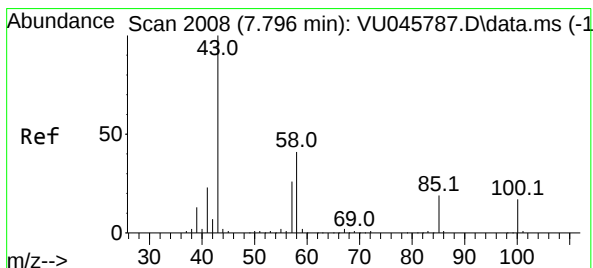
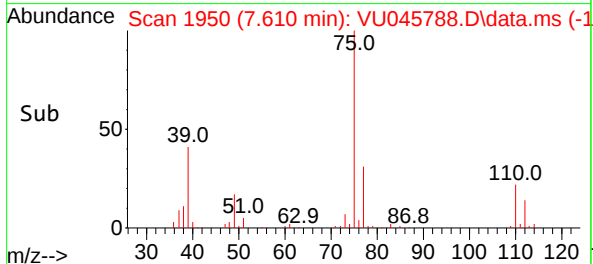
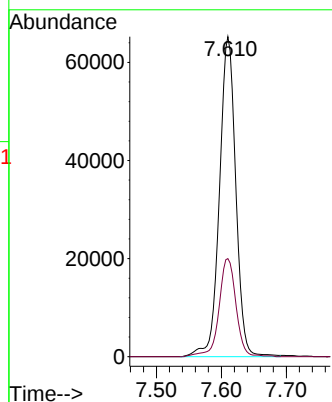
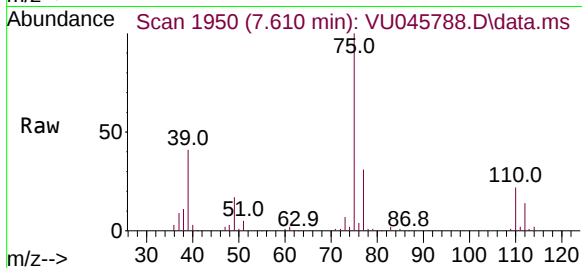
VSTD010037

Tgt Ion: 75 Resp: 113605

Ion Ratio Lower Upper

75 100

77 30.7 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 99.847 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU045788.D

Acq: 15 Nov 2021 12:15

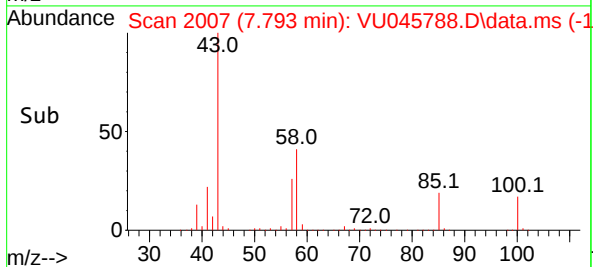
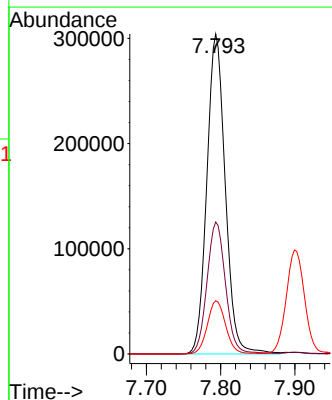
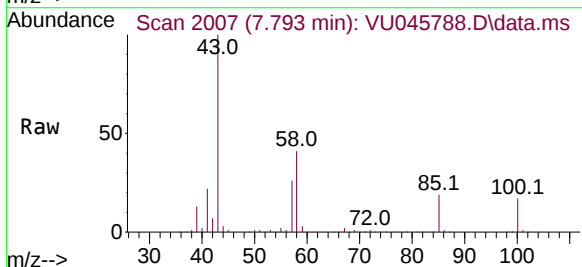
Tgt Ion: 43 Resp: 523030

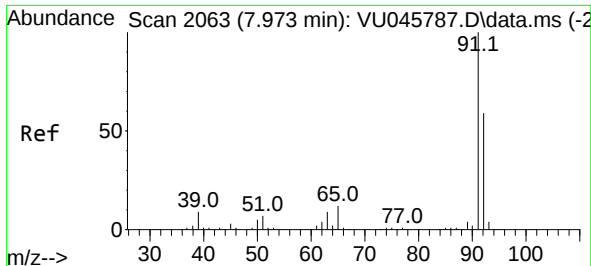
Ion Ratio Lower Upper

43 100

58 41.6 33.1 49.7

100 16.7 13.2 19.8





#42

Toluene

Concen: 9.792 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU045788.D

Acq: 15 Nov 2021 12:15

Instrument :

MSVOA_U

ClientSampleId :

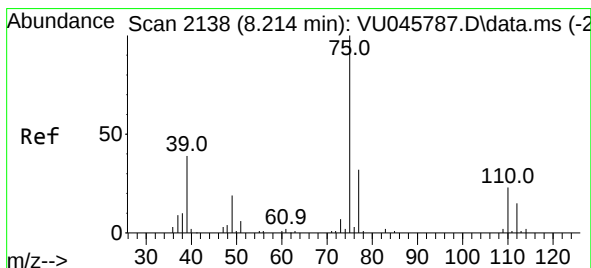
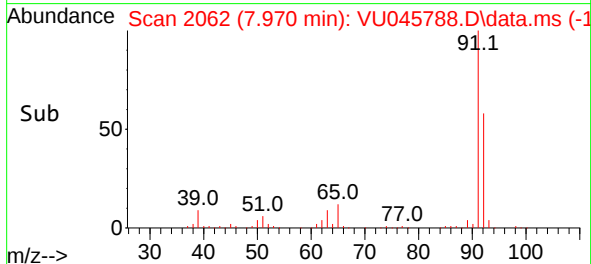
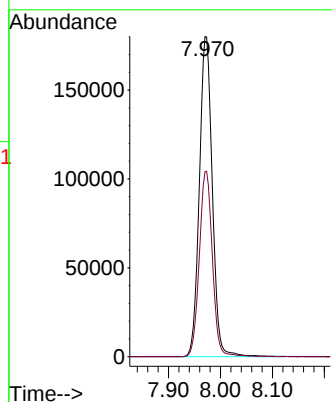
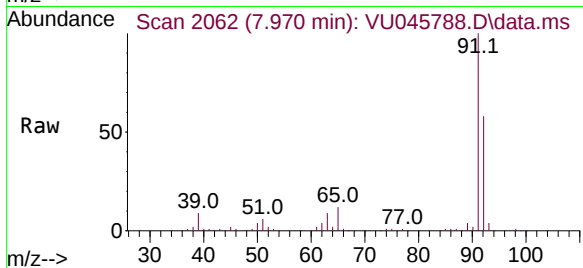
VSTD010037

Tgt Ion: 91 Resp: 311648

Ion Ratio Lower Upper

91 100

92 57.8 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 9.995 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU045788.D

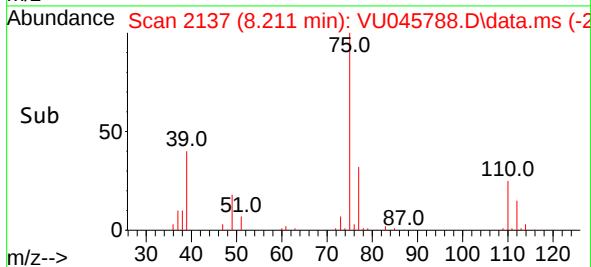
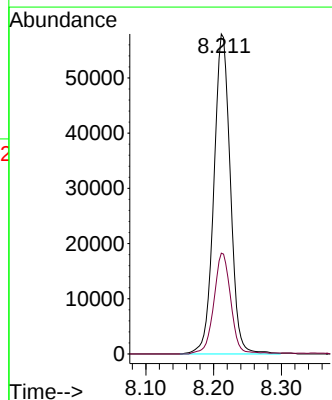
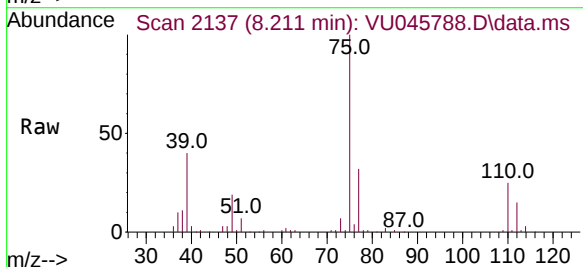
Acq: 15 Nov 2021 12:15

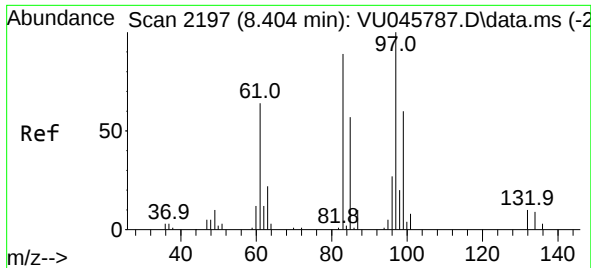
Tgt Ion: 75 Resp: 98004

Ion Ratio Lower Upper

75 100

77 31.5 22.7 42.3

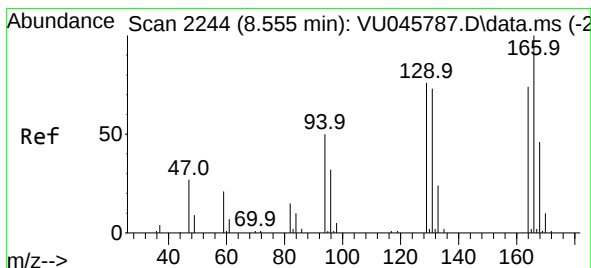
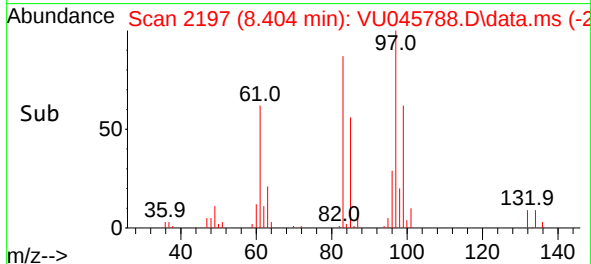
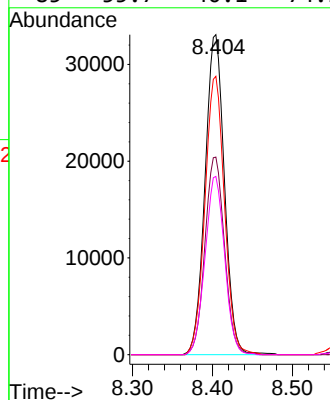
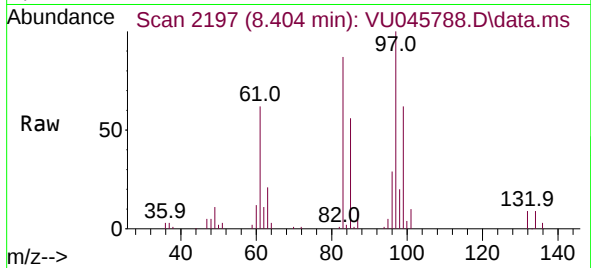




#45
1,1,2-Trichloroethane
Concen: 9.924 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045788.D
Acq: 15 Nov 2021 12:15

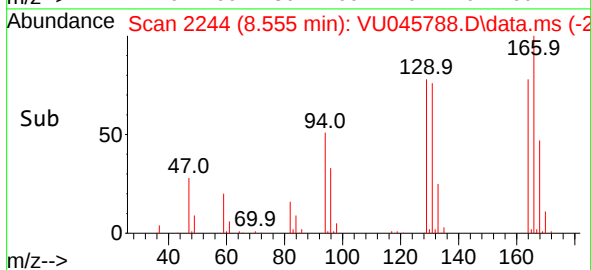
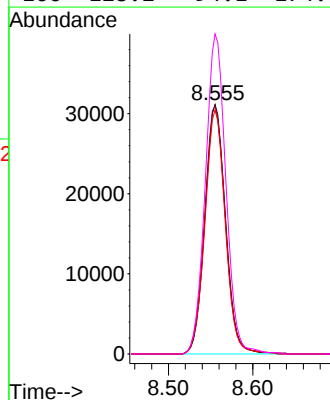
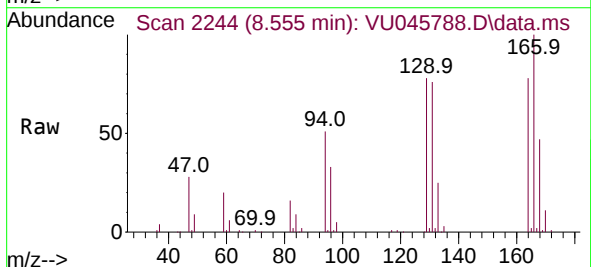
Instrument :
MSVOA_U
ClientSampleId :
VSTD010037

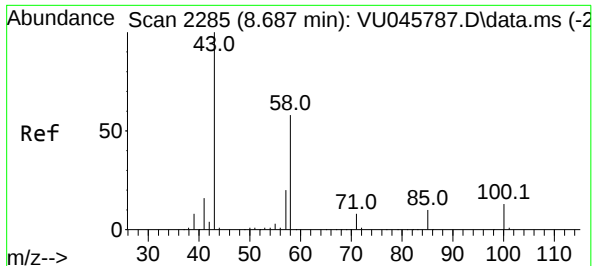
Tgt Ion:	97	Resp:	55978
Ion	Ratio	Lower	Upper
97	100		
99	61.8	42.3	78.5
83	87.0	62.0	115.2
85	55.7	40.1	74.5



#47
Tetrachloroethene
Concen: 9.846 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045788.D
Acq: 15 Nov 2021 12:15

Tgt Ion:	164	Resp:	53063
Ion	Ratio	Lower	Upper
164	100		
129	99.5	71.8	133.4
131	97.7	68.5	127.3
166	128.2	94.1	174.8

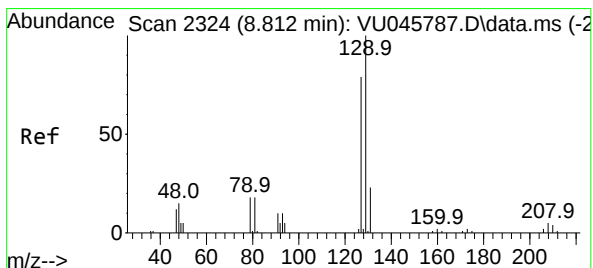
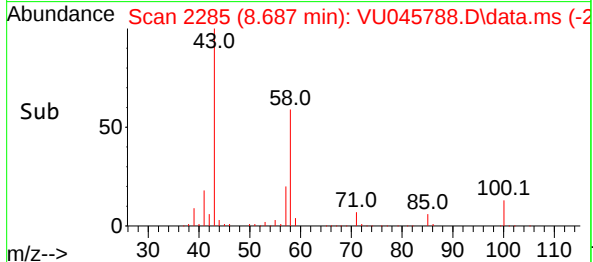
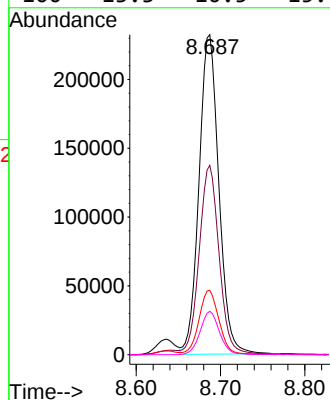
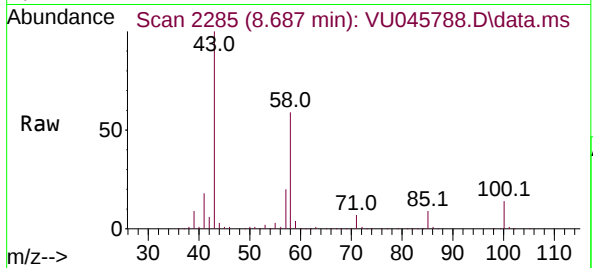




#48
2-Hexanone
Concen: 98.974 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045788.D
Acq: 15 Nov 2021 12:15

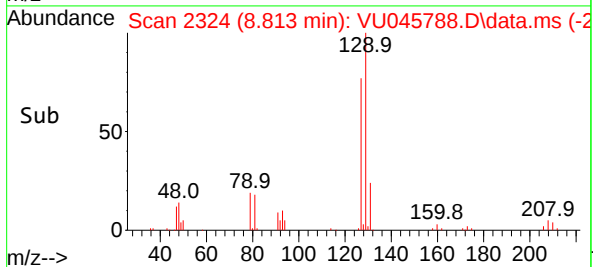
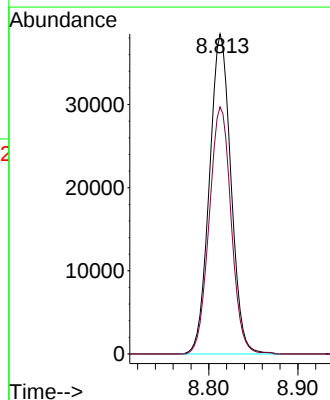
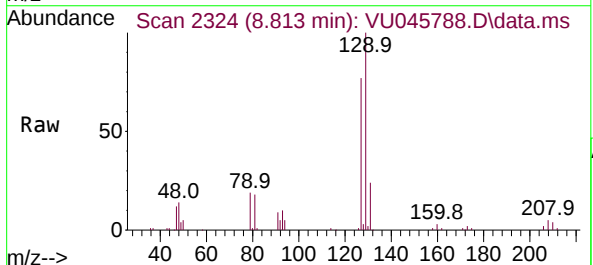
Instrument :
MSVOA_U
ClientSampleId :
VSTD010037

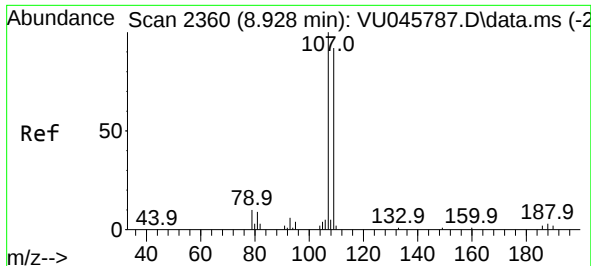
Tgt Ion:	43	Resp:	381082
Ion	Ratio	Lower	Upper
43	100		
58	59.5	46.7	70.1
57	20.3	16.3	24.5
100	13.3	10.5	15.7



#49
Dibromochloromethane
Concen: 11.294 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045788.D
Acq: 15 Nov 2021 12:15

Tgt Ion:	129	Resp:	64652
Ion	Ratio	Lower	Upper
129	100		
127	77.2	55.4	102.8





#50

1,2-Dibromoethane

Concen: 10.543 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU045788.D

Acq: 15 Nov 2021 12:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD010037

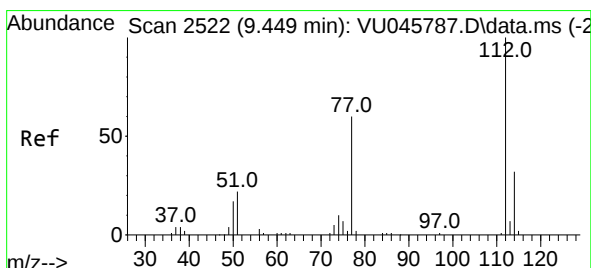
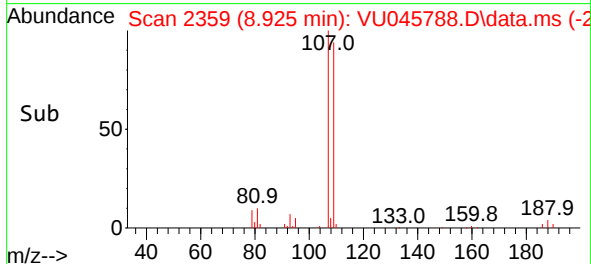
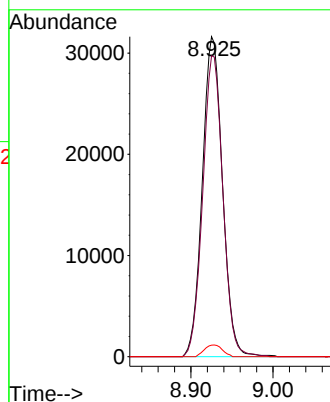
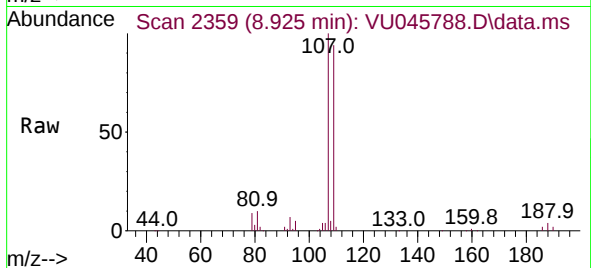
Tgt Ion:107 Resp: 53963

Ion Ratio Lower Upper

107 100

109 94.0 64.0 119.0

188 3.6 2.4 3.6



#51

Chlorobenzene

Concen: 10.101 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU045788.D

Acq: 15 Nov 2021 12:15

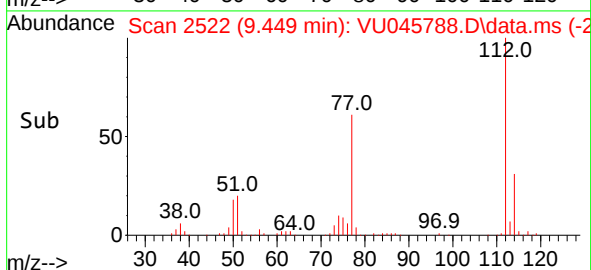
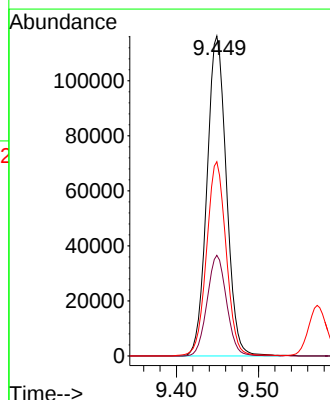
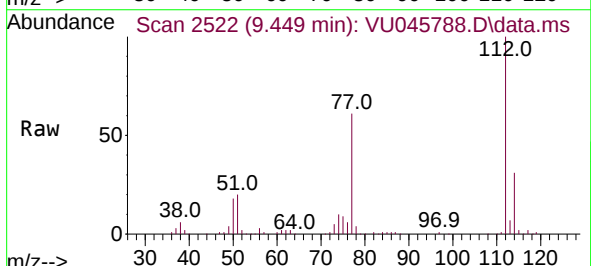
Tgt Ion:112 Resp: 191448

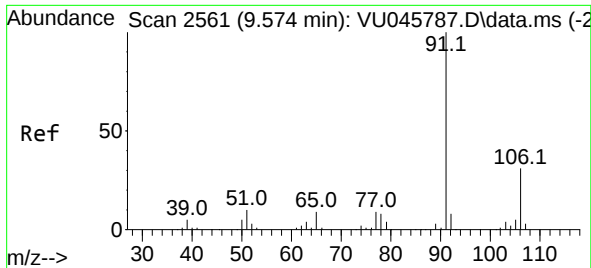
Ion Ratio Lower Upper

112 100

114 31.5 22.1 41.1

77 60.7 48.3 72.5

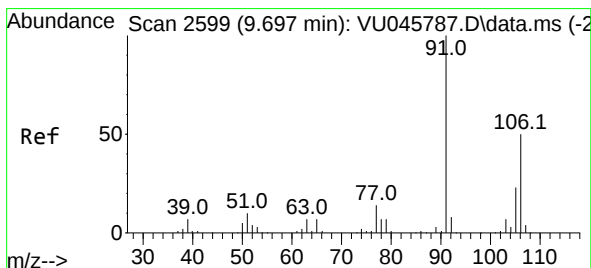
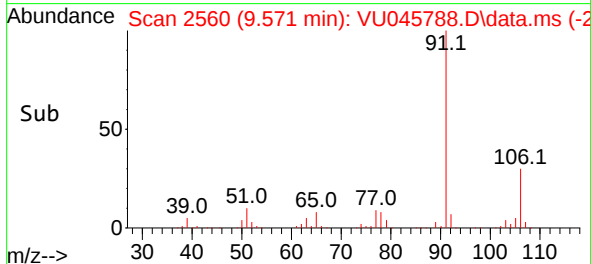
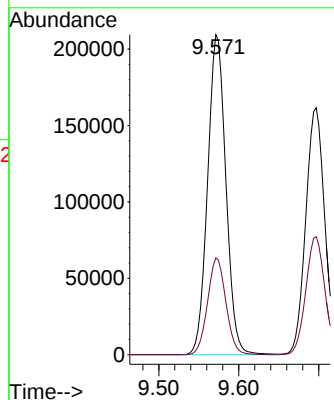
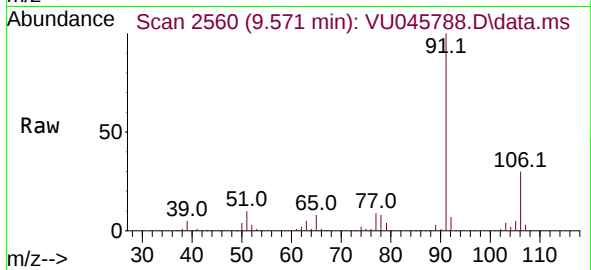




#52
Ethylbenzene
Concen: 10.135 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU045788.D
Acq: 15 Nov 2021 12:15

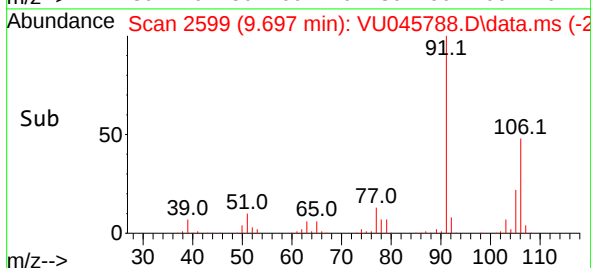
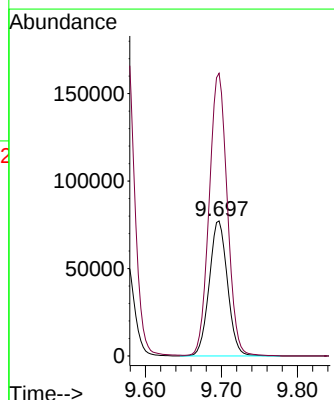
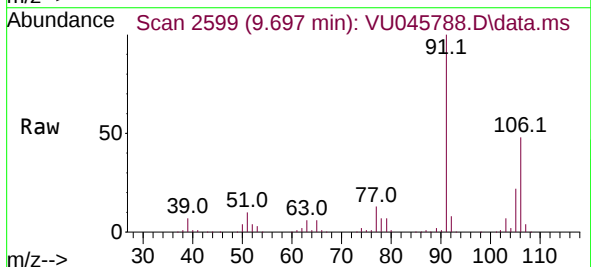
Instrument :
MSVOA_U
ClientSampleId :
VSTD010037

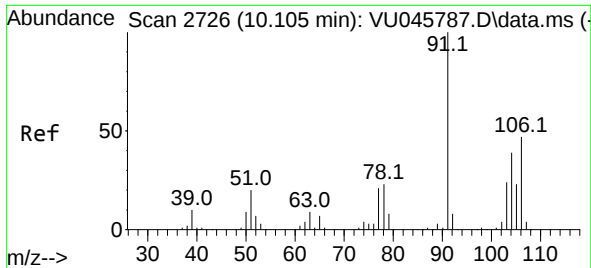
Tgt Ion: 91 Resp: 333200
Ion Ratio Lower Upper
91 100
106 30.3 21.5 39.9



#53
m,p-Xylene
Concen: 10.037 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045788.D
Acq: 15 Nov 2021 12:15

Tgt Ion: 106 Resp: 128551
Ion Ratio Lower Upper
106 100
91 209.5 139.4 259.0

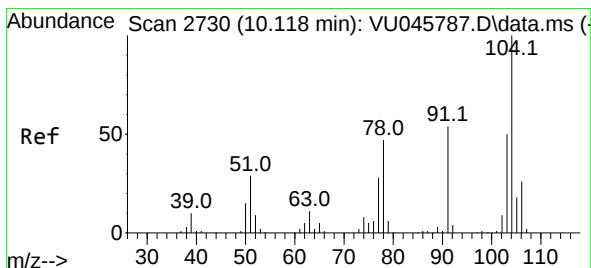
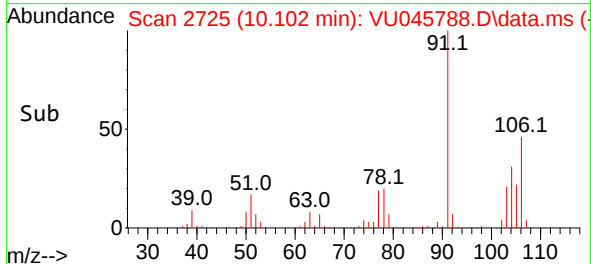
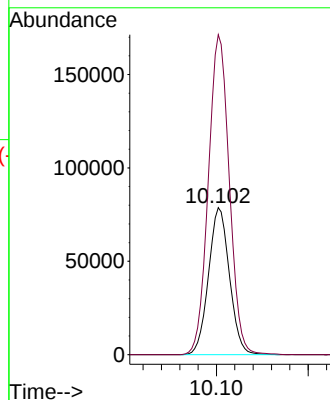
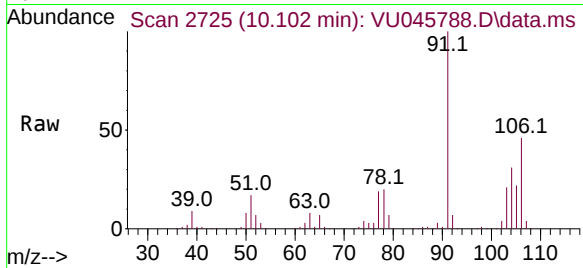




#54
o-Xylene
Concen: 9.972 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045788.D
Acq: 15 Nov 2021 12:15

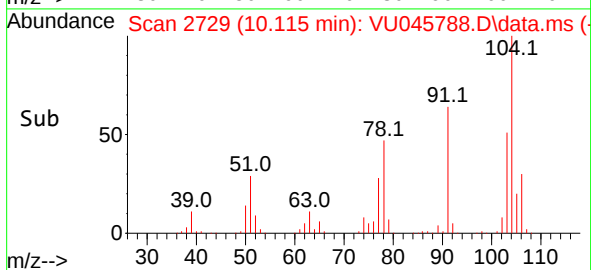
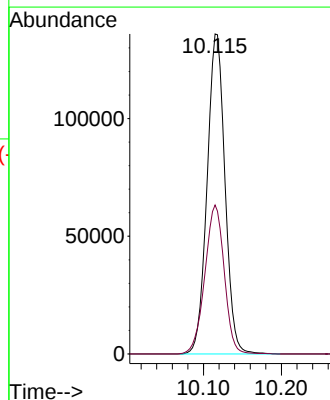
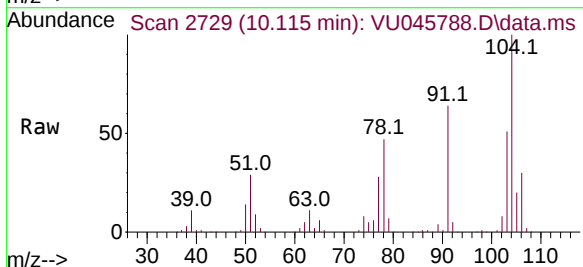
Instrument :
MSVOA_U
ClientSampleId :
VSTD010037

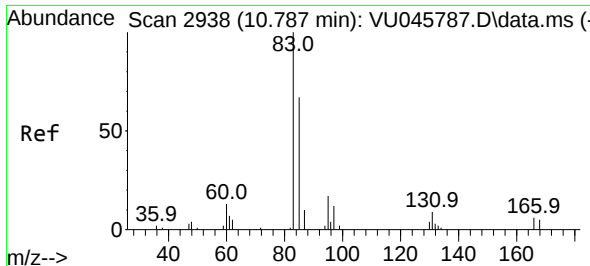
Tgt Ion:106 Resp: 124717
Ion Ratio Lower Upper
106 100
91 217.5 147.5 273.9



#55
Styrene
Concen: 10.388 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU045788.D
Acq: 15 Nov 2021 12:15

Tgt Ion:104 Resp: 216852
Ion Ratio Lower Upper
104 100
78 46.5 33.0 61.4

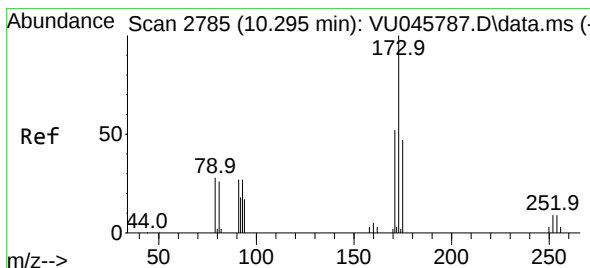
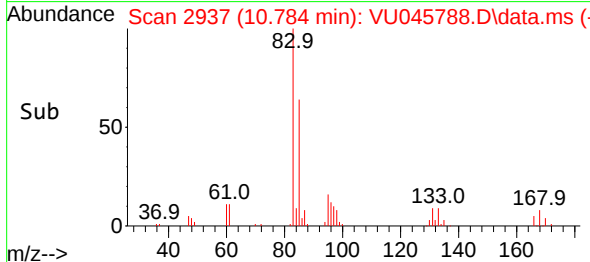
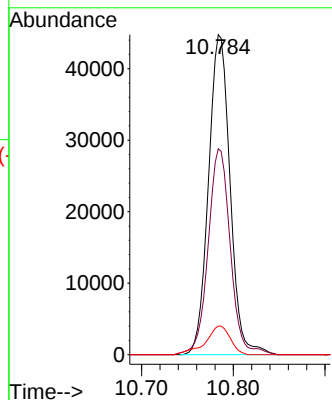
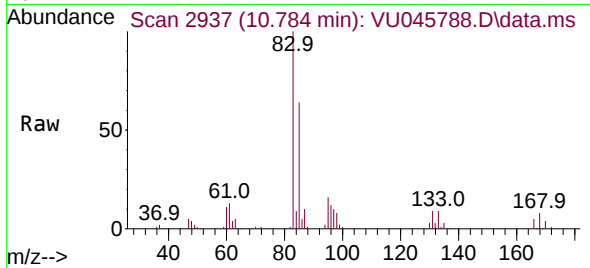




#57
1,1,2,2-Tetrachloroethane
Concen: 9.682 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU045788.D
Acq: 15 Nov 2021 12:15

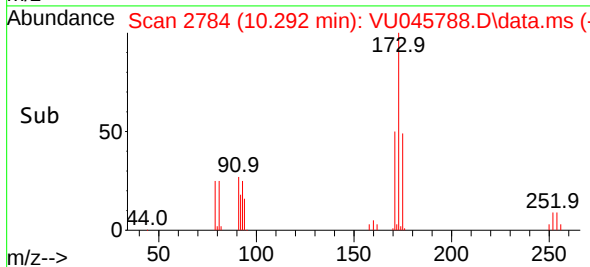
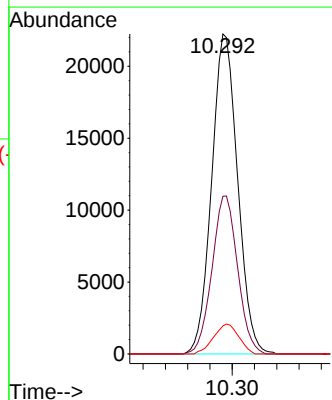
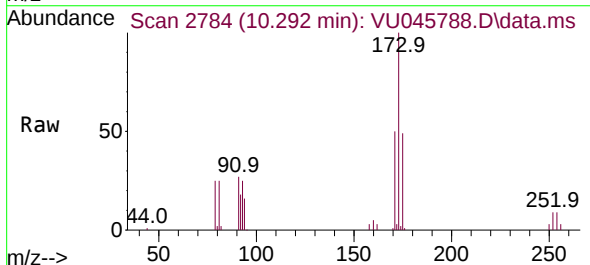
Instrument :
MSVOA_U
ClientSampleId :
VSTD010037

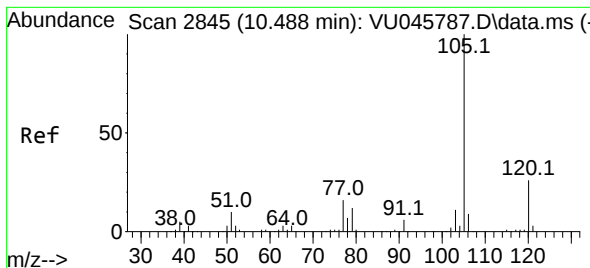
Tgt Ion: 83 Resp: 73188
Ion Ratio Lower Upper
83 100
85 64.4 47.9 89.1
131 9.0 8.1 12.1



#59
Bromoform
Concen: 10.837 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VU045788.D
Acq: 15 Nov 2021 12:15

Tgt Ion: 173 Resp: 35997
Ion Ratio Lower Upper
173 100
175 48.7 37.8 56.6
254 9.0 7.3 10.9





#60

Isopropylbenzene

Concen: 10.011 ug/L

RT: 10.488 min Scan# 2845

Delta R.T. 0.000 min

Lab File: VU045788.D

Acq: 15 Nov 2021 12:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD010037

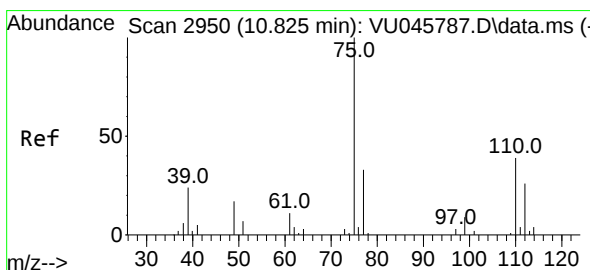
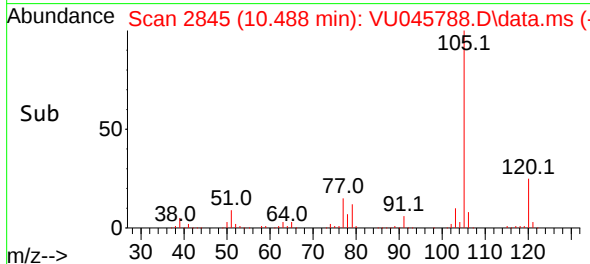
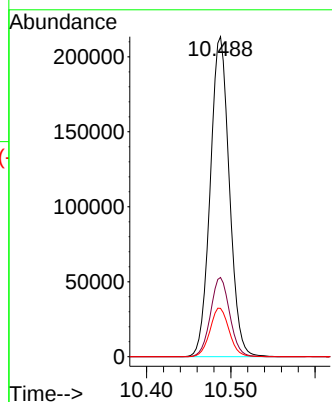
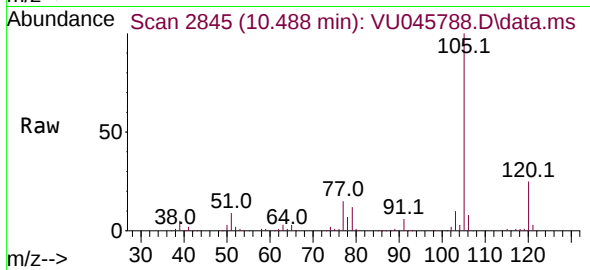
Tgt Ion:105 Resp: 335486

Ion Ratio Lower Upper

105 100

120 25.0 20.7 31.1

77 15.2 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 9.373 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU045788.D

Acq: 15 Nov 2021 12:15

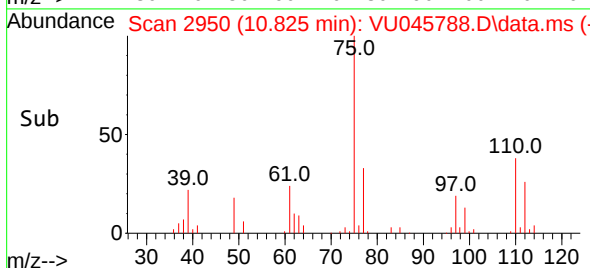
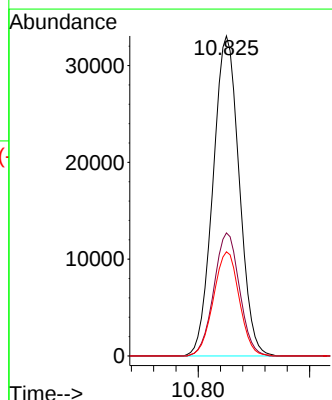
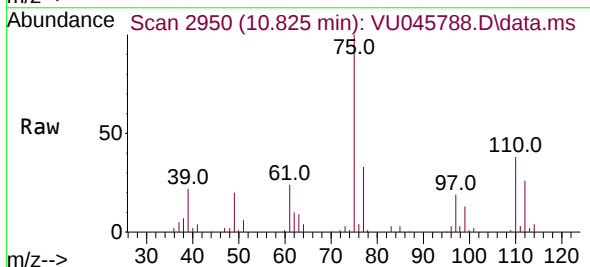
Tgt Ion: 75 Resp: 53903

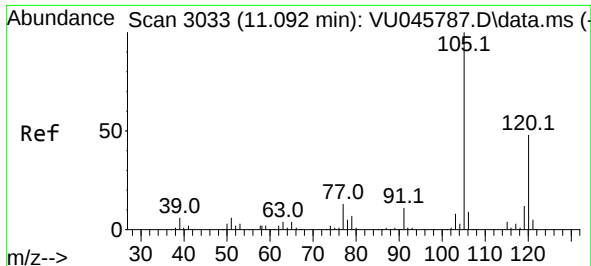
Ion Ratio Lower Upper

75 100

110 37.7 29.9 44.9

77 32.2 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 10.132 ug/L

RT: 11.089 min Scan# 3033

Delta R.T. -0.003 min

Lab File: VU045788.D

Acq: 15 Nov 2021 12:15

Instrument :

MSVOA_U

ClientSampleId :

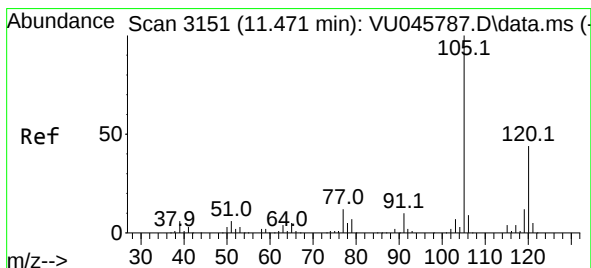
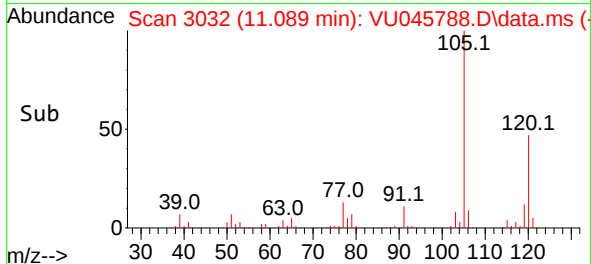
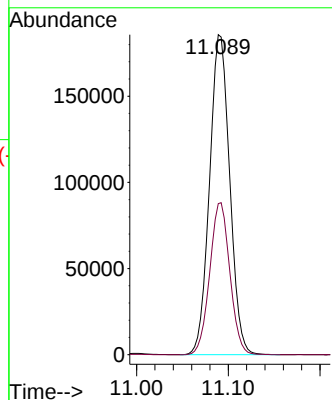
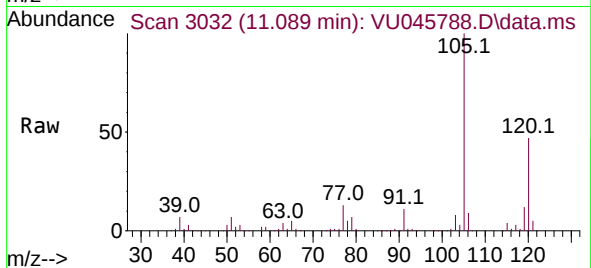
VSTD010037

Tgt Ion:105 Resp: 283652

Ion Ratio Lower Upper

105 100

120 47.3 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 10.134 ug/L

RT: 11.472 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VU045788.D

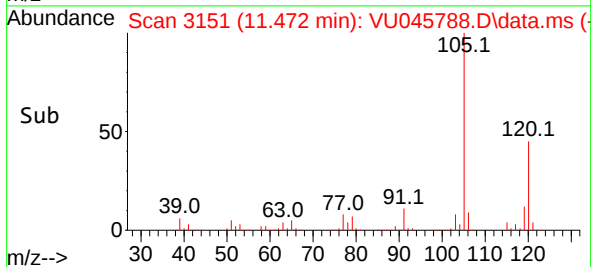
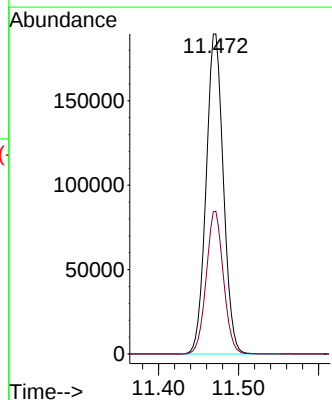
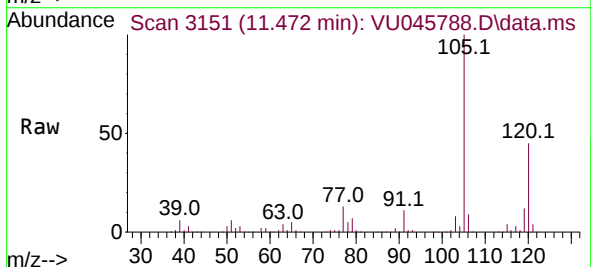
Acq: 15 Nov 2021 12:15

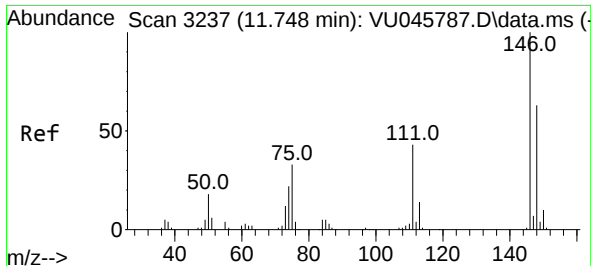
Tgt Ion:105 Resp: 284924

Ion Ratio Lower Upper

105 100

120 44.4 35.8 53.8

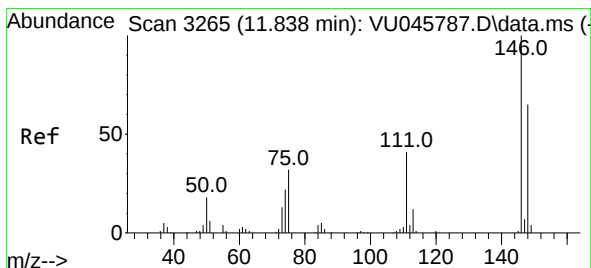
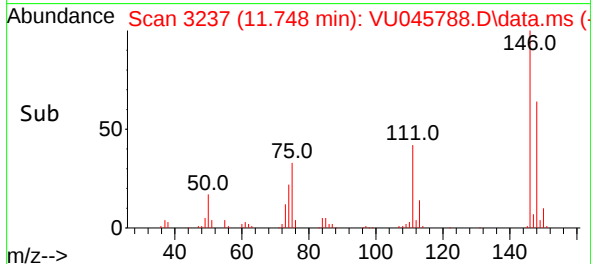
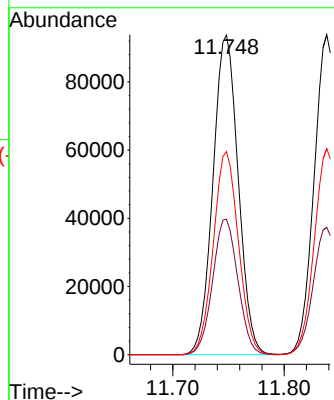
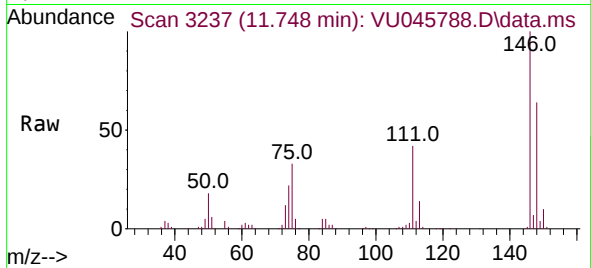




#64
1,3-Dichlorobenzene
Concen: 9.646 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU045788.D
Acq: 15 Nov 2021 12:15

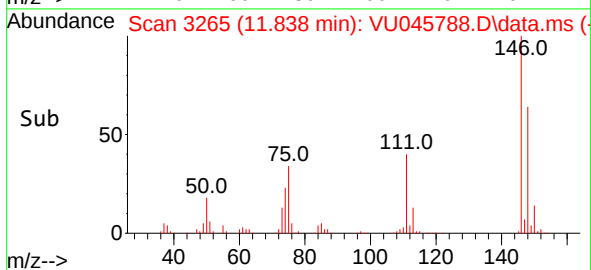
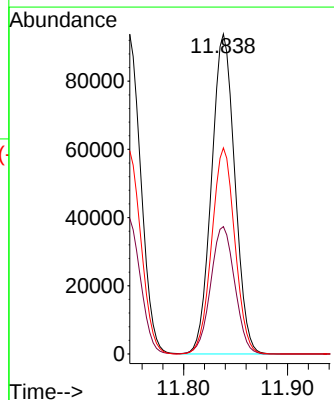
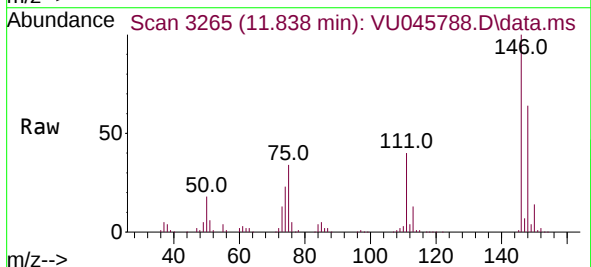
Instrument :
MSVOA_U
ClientSampleId :
VSTD010037

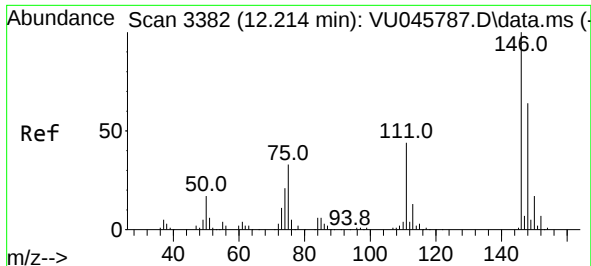
Tgt Ion:146 Resp: 147541
Ion Ratio Lower Upper
146 100
111 42.4 29.9 55.5
148 63.6 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 9.493 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045788.D
Acq: 15 Nov 2021 12:15

Tgt Ion:146 Resp: 146229
Ion Ratio Lower Upper
146 100
111 39.8 28.7 53.3
148 64.4 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 9.648 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU045788.D

Acq: 15 Nov 2021 12:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD010037

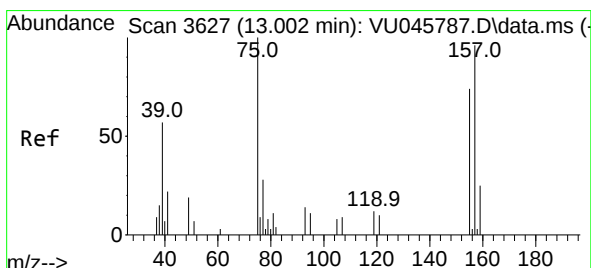
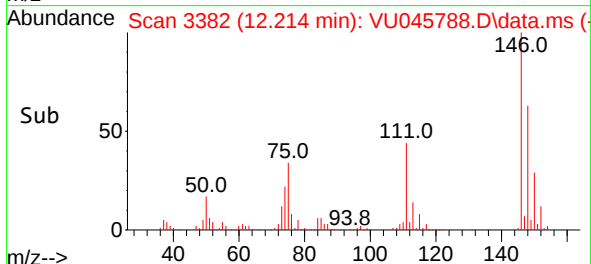
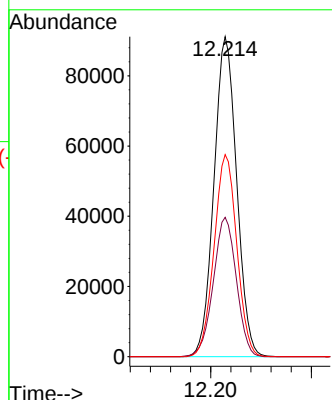
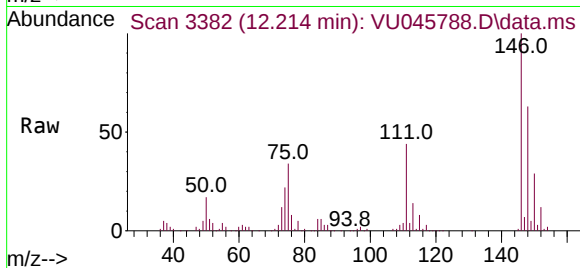
Tgt Ion:146 Resp: 142857

Ion Ratio Lower Upper

146 100

111 43.6 35.4 53.0

148 63.2 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 9.168 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.003 min

Lab File: VU045788.D

Acq: 15 Nov 2021 12:15

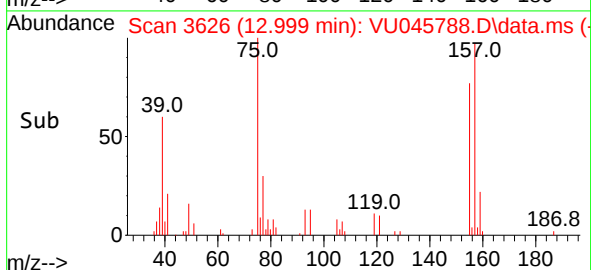
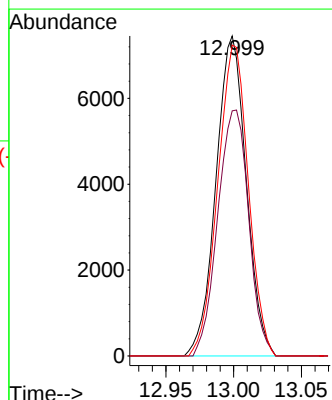
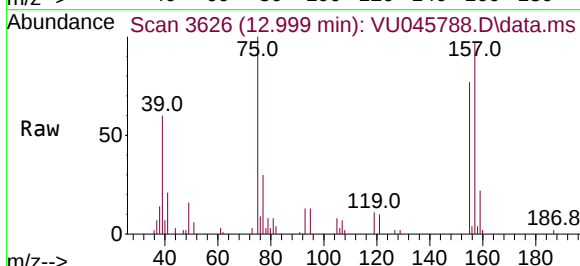
Tgt Ion: 75 Resp: 11581

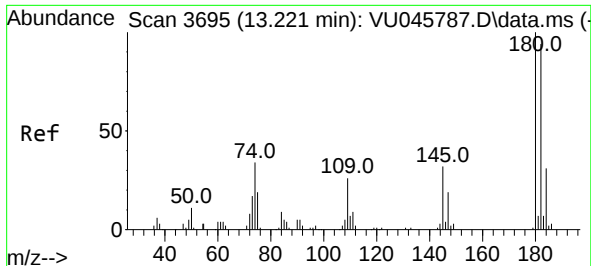
Ion Ratio Lower Upper

75 100

155 76.6 59.2 88.8

157 97.1 76.5 114.7

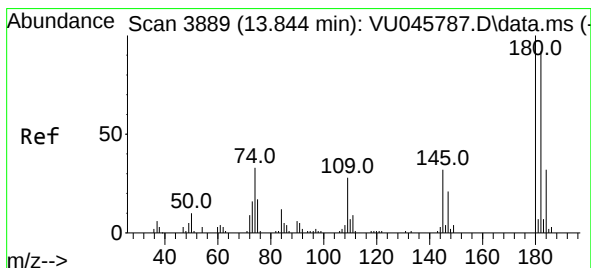
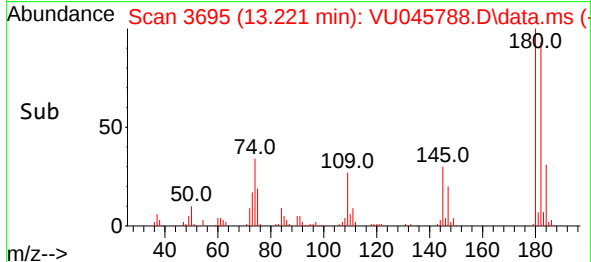
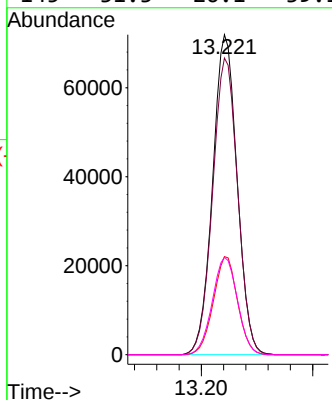
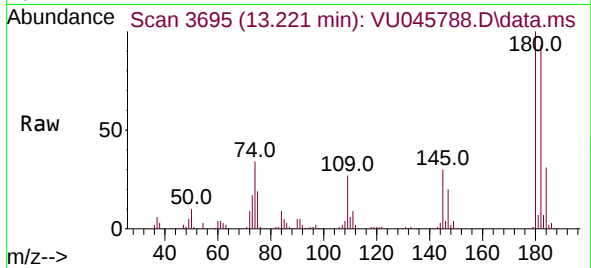




#69
 1,3,5-Trichlorobenzene
 Concen: 9.729 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU045788.D
 Acq: 15 Nov 2021 12:15

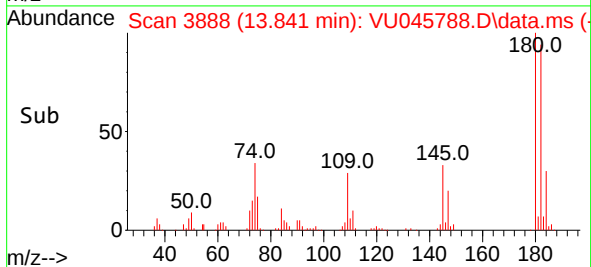
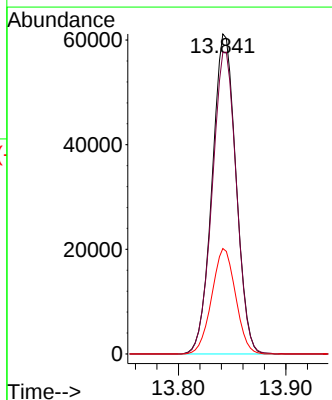
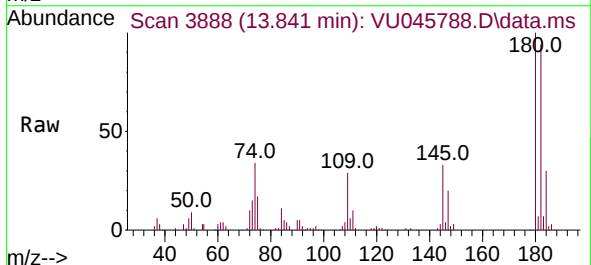
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010037

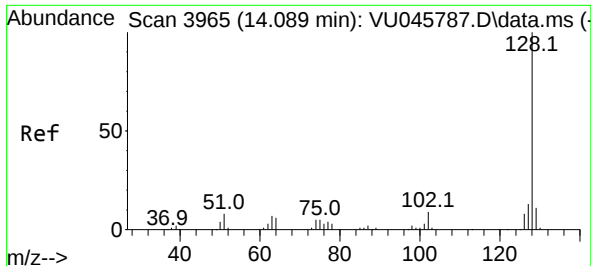
Tgt Ion:180 Resp: 109486
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.1 114.1
 184 30.4 25.0 37.4
 145 31.3 26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 9.460 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.003 min
 Lab File: VU045788.D
 Acq: 15 Nov 2021 12:15

Tgt Ion:180 Resp: 94052
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.4 114.6
 145 33.0 25.6 38.4

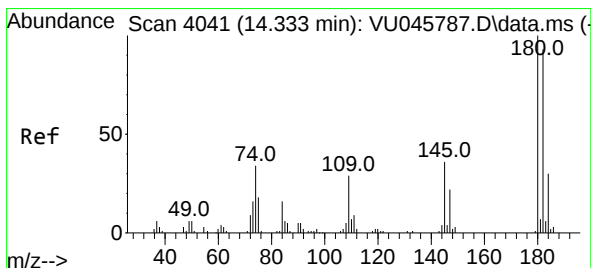
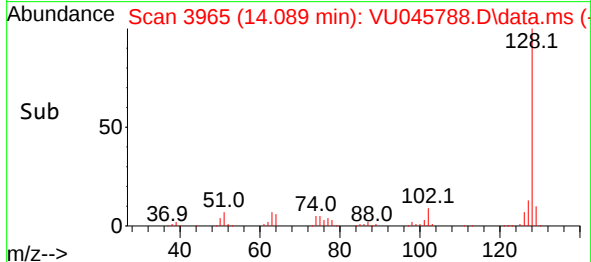
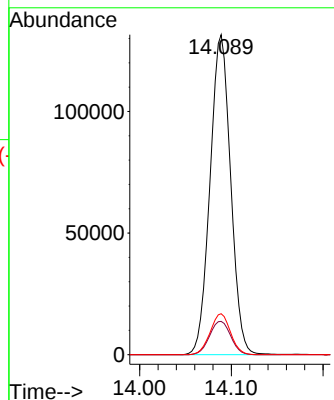
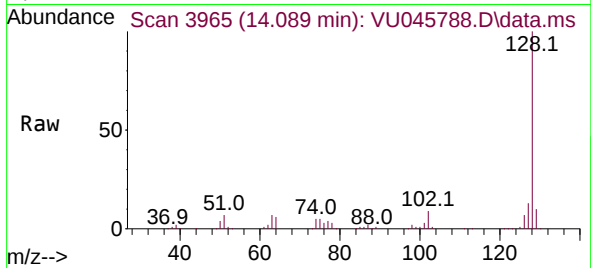




#71
Naphthalene
Concen: 9.713 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045788.D
Acq: 15 Nov 2021 12:15

Instrument :
MSVOA_U
ClientSampleId :
VSTD010037

Tgt Ion:128 Resp: 205296
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 12.6 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 9.923 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045788.D
Acq: 15 Nov 2021 12:15

Tgt Ion:180 Resp: 94180
Ion Ratio Lower Upper
180 100
182 93.4 76.2 114.4
145 33.2 28.4 42.6

