

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110321\
 Data File : VU045521.D
 Acq On : 03 Nov 2021 14:04
 Operator : SY/MD
 Sample : VSTD010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010031

Quant Time: Nov 09 07:08:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 07:04:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	168532	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	162452	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	81682	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	137338	12.847	ug/L	0.00
7) Chloroethane-d5	1.919	69	90453	9.157	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	52104	10.250	ug/L	0.00
20) 2-Butanone-d5	4.639	46	447402	115.667	ug/L	0.00
24) Chloroform-d	5.070	84	234956	11.061	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	130320	10.554	ug/L	0.00
32) Benzene-d6	5.732	84	492699	11.543	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	154155	11.072	ug/L	0.00
41) Toluene-d8	7.903	98	435900	11.677	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	65881	13.041	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	382706	120.247	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	136138	11.129	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	155676	11.225	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	148865	10.920	ug/L	99
3) Chloromethane	1.520	50	172003	10.549	ug/L	99
5) Vinyl chloride	1.607	62	169026	10.329	ug/L	99
6) Bromomethane	1.861	94	77797	9.323	ug/L	99
8) Chloroethane	1.938	64	78529	7.990	ug/L	99
9) Trichlorofluoromethane	2.144	101	139482	8.026	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	107248	9.519	ug/L	98
12) 1,1-Dichloroethene	2.584	96	106179	9.890	ug/L	97
13) Acetone	2.662	43	216275	82.470	ug/L	100
14) Carbon disulfide	2.800	76	365718	10.423	ug/L	100
15) Methyl Acetate	2.961	43	56502	11.050	ug/L	99
16) Methylene chloride	3.051	84	128785	7.879	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	312675	10.443	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	122054	10.554	ug/L	96
19) 1,1-Dichloroethane	3.877	63	222847	9.782	ug/L	97
21) 2-Butanone	4.719	43	417368	99.723	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	132643	11.036	ug/L	94
23) Bromochloromethane	4.980	128	55045	10.404	ug/L	97
25) Chloroform	5.092	83	215643	9.201	ug/L	99
27) 1,2-Dichloroethane	5.800	62	146953	9.380	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	179978	10.368	ug/L	99
30) Cyclohexane	5.395	56	220264	10.827	ug/L	99
31) Carbon tetrachloride	5.530	117	143748	10.524	ug/L	99
33) Benzene	5.777	78	512184	10.653	ug/L	100
34) Trichloroethene	6.546	95	123106	10.518	ug/L	96
35) Methylcyclohexane	6.768	83	222947	11.267	ug/L	98
37) 1,2-Dichloropropane	6.793	63	129964	10.149	ug/L	99
38) Bromodichloromethane	7.108	83	158956	10.360	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	198466	10.865	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	939166	96.673	ug/L	99
42) Toluene	7.973	91	537255	10.704	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	168110	10.823	ug/L	100

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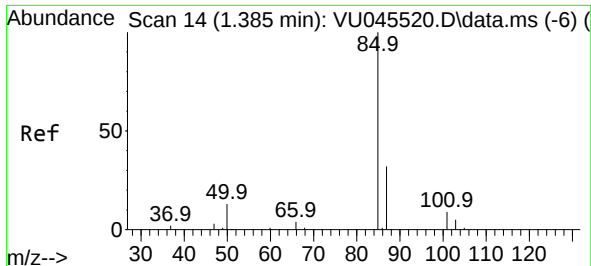
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.404	97	94201	10.301	ug/L	98
47) Tetrachloroethene	8.555	164	88266	10.644	ug/L	98
48) 2-Hexanone	8.687	43	683921	94.682	ug/L	100
49) Dibromochloromethane	8.812	129	99644	10.458	ug/L	98
50) 1,2-Dibromoethane	8.928	107	90237	10.566	ug/L	99
51) Chlorobenzene	9.449	112	318891	10.294	ug/L	99
52) Ethylbenzene	9.575	91	571765	10.598	ug/L	99
53) m,p-Xylene	9.697	106	221651	10.799	ug/L	98
54) o-Xylene	10.102	106	214240	10.910	ug/L	97
55) Styrene	10.118	104	366063	10.799	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	127580	10.466	ug/L	99
59) Bromoform	10.295	173	53469	10.817	ug/L	100
60) Isopropylbenzene	10.488	105	558785	11.111	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	90799	10.264	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	487739	11.422	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	492031	11.321	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	247525	10.460	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	245651	10.112	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	237324	10.577	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	21175	10.844	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	186083	10.311	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	166061	10.811	ug/L	99
71) Naphthalene	14.089	128	372798	11.960	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	157682	11.108	ug/L	98

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

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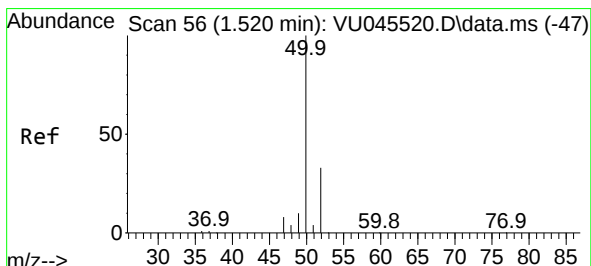
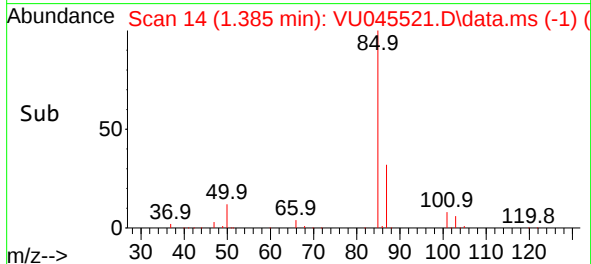
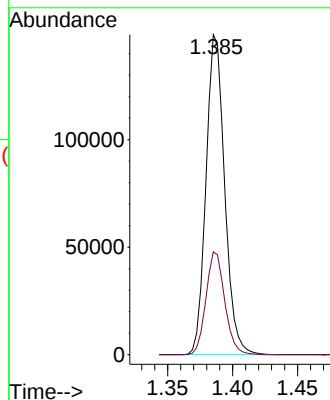
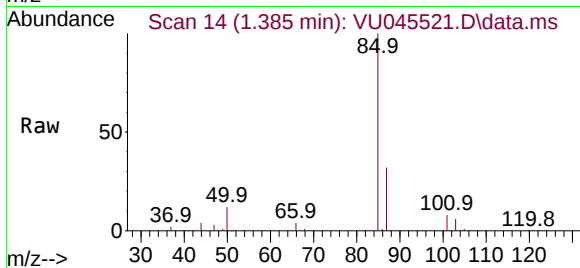




#2
Dichlorodifluoromethane
Concen: 10.920 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045521.D
Acq: 03 Nov 2021 14:04

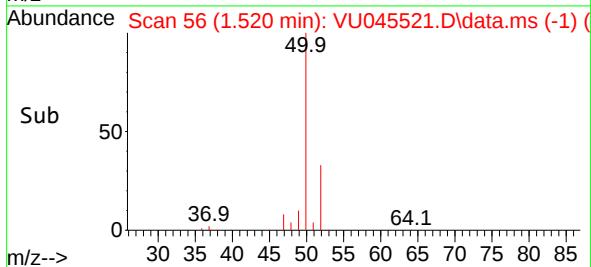
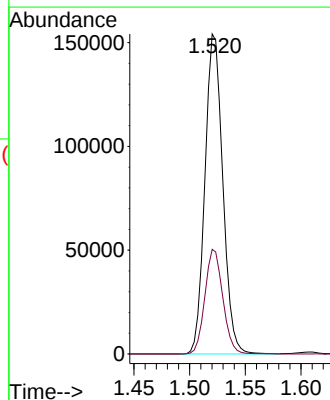
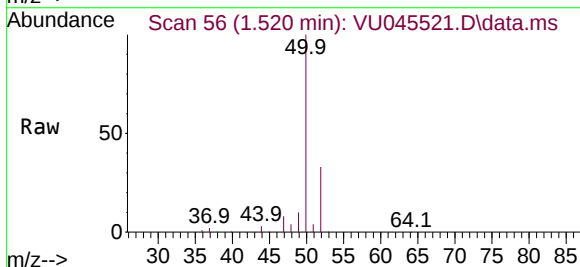
Instrument :
MSVOA_U
ClientSampleId :
VSTD010031

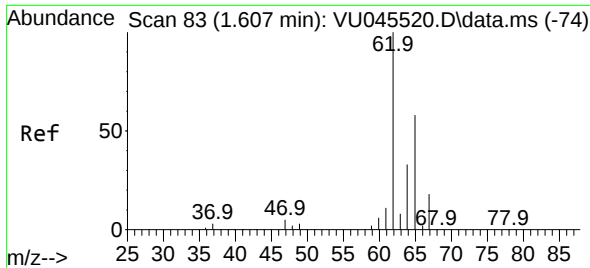
Tgt Ion: 85 Resp: 148865
Ion Ratio Lower Upper
85 100
87 32.3 25.6 38.4



#3
Chloromethane
Concen: 10.549 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU045521.D
Acq: 03 Nov 2021 14:04

Tgt Ion: 50 Resp: 172003
Ion Ratio Lower Upper
50 100
52 32.7 23.1 42.9

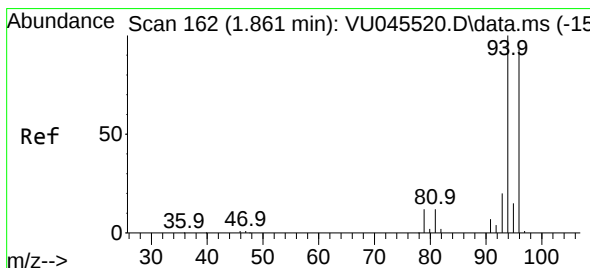
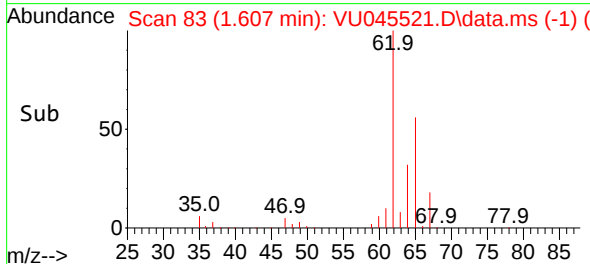
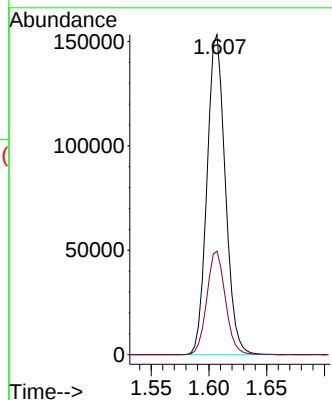
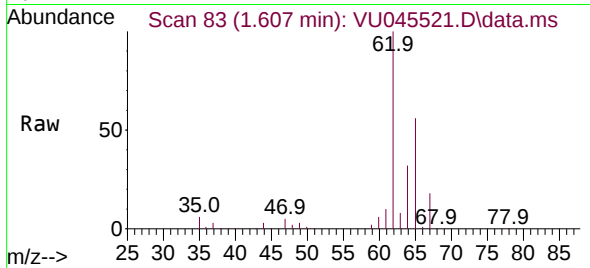




#5
 Vinyl chloride
 Concen: 10.329 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU045521.D
 Acq: 03 Nov 2021 14:04

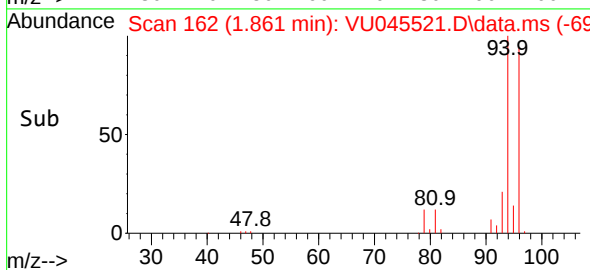
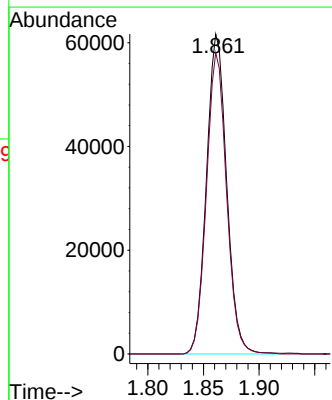
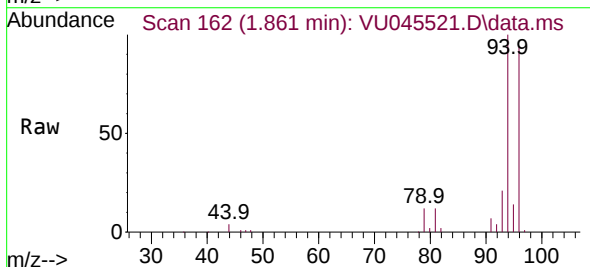
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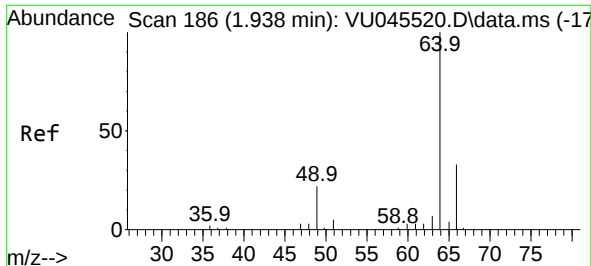
Tgt Ion: 62 Resp: 169026
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.0 42.6



#6
 Bromomethane
 Concen: 9.323 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU045521.D
 Acq: 03 Nov 2021 14:04

Tgt Ion: 94 Resp: 77797
 Ion Ratio Lower Upper
 94 100
 96 94.2 65.2 121.2

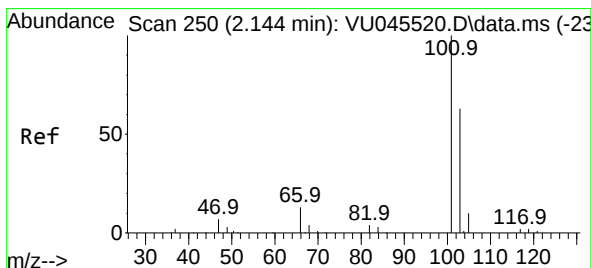
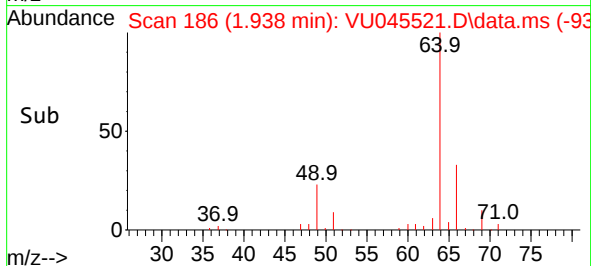
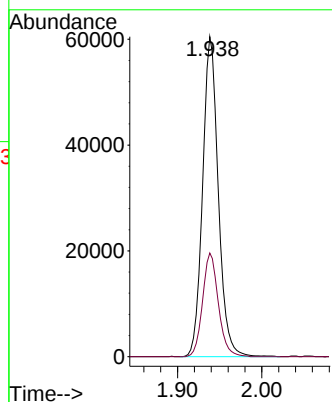
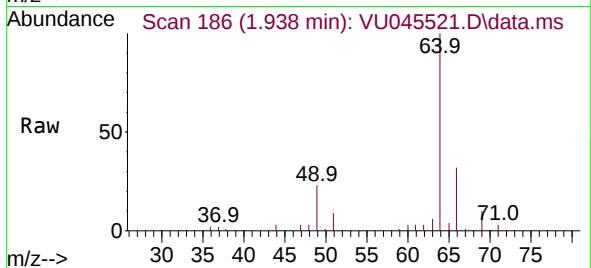




#8
Chloroethane
Concen: 7.990 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045521.D
Acq: 03 Nov 2021 14:04

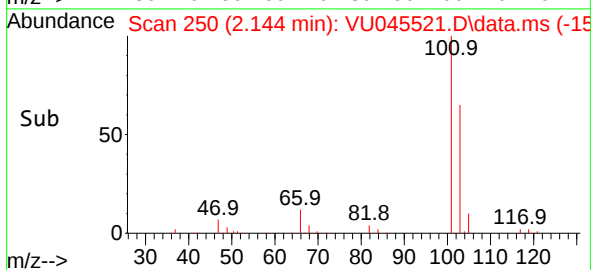
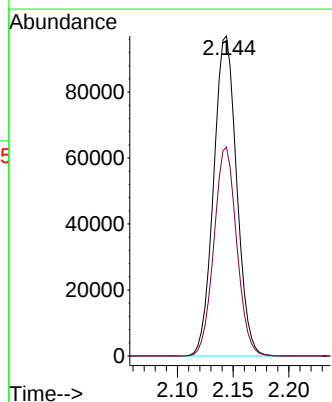
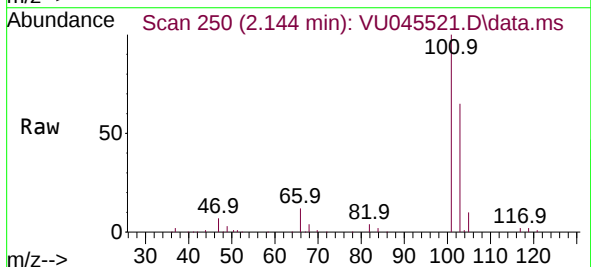
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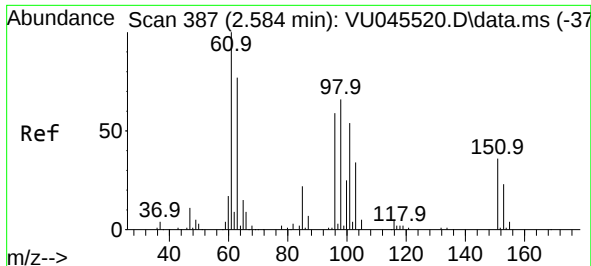
Tgt Ion: 64 Resp: 78529
Ion Ratio Lower Upper
64 100
66 32.4 23.0 42.6



#9
Trichlorofluoromethane
Concen: 8.026 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU045521.D
Acq: 03 Nov 2021 14:04

Tgt Ion:101 Resp: 139482
Ion Ratio Lower Upper
101 100
103 64.5 51.9 77.9





#10

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

Concen: 9.519 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.000 min

Lab File: VU045521.D

Acq: 03 Nov 2021 14:04

Instrument :

MSVOA_U

ClientSampleId :

VSTD010031

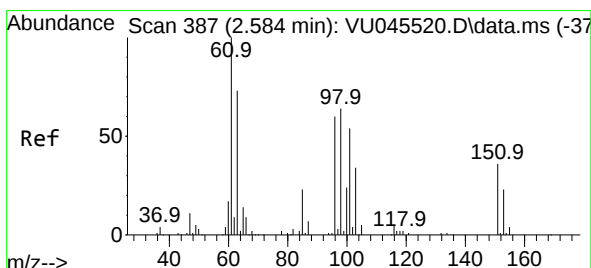
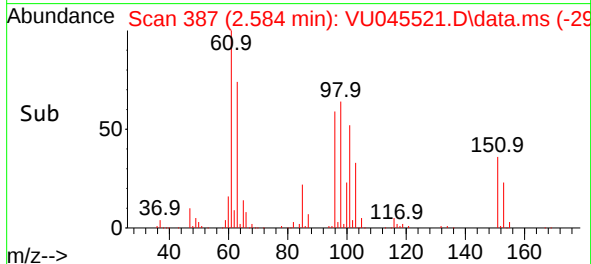
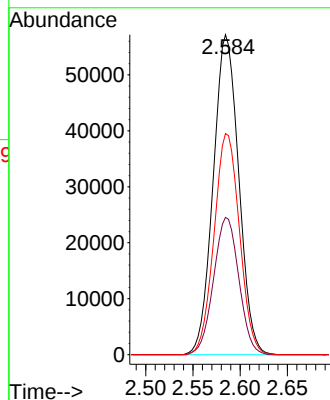
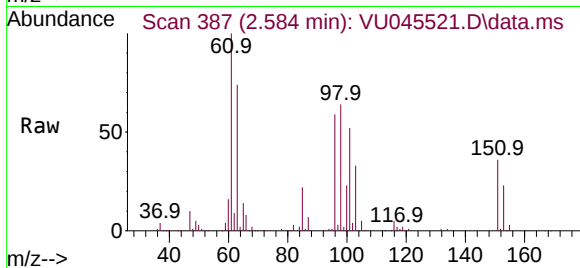
Tgt Ion:101 Resp: 107248

Ion Ratio Lower Upper

101 100

85 42.6 34.0 51.0

151 68.9 53.5 80.3



#12

1,1-Dichloroethene

Concen: 9.890 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.000 min

Lab File: VU045521.D

Acq: 03 Nov 2021 14:04

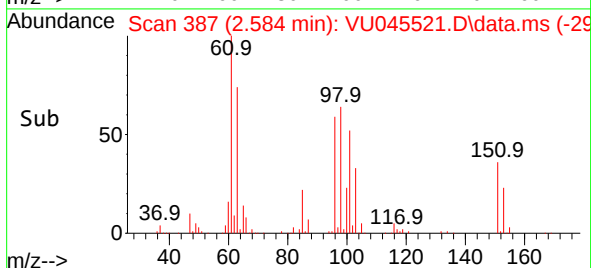
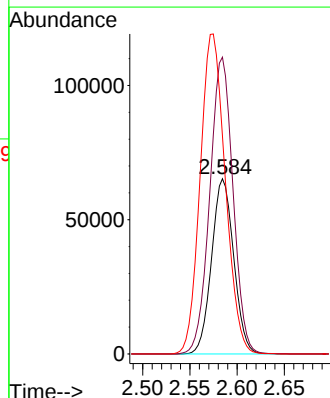
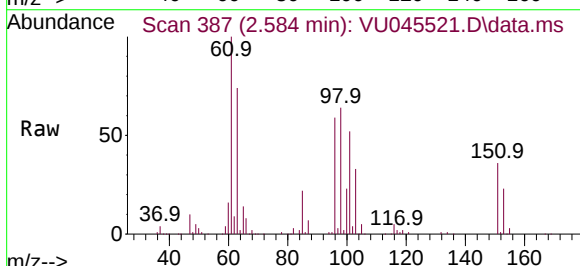
Tgt Ion: 96 Resp: 106179

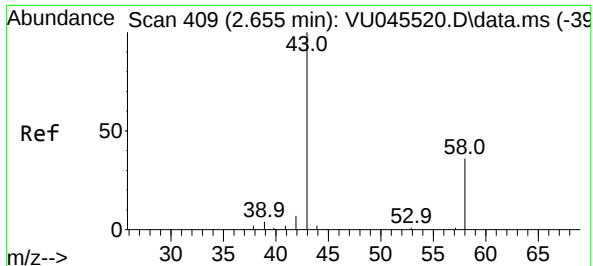
Ion Ratio Lower Upper

96 100

61 169.5 118.4 219.8

63 124.6 92.0 170.8





#13

Acetone

Concen: 82.470 ug/L

RT: 2.662 min Scan# 411

Delta R.T. 0.006 min

Lab File: VU045521.D

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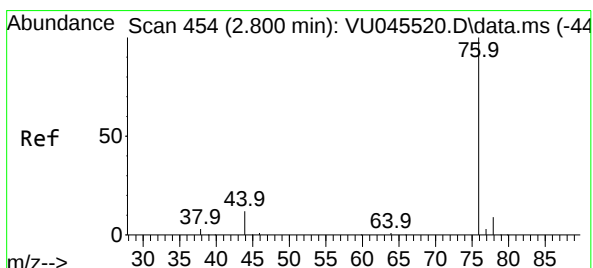
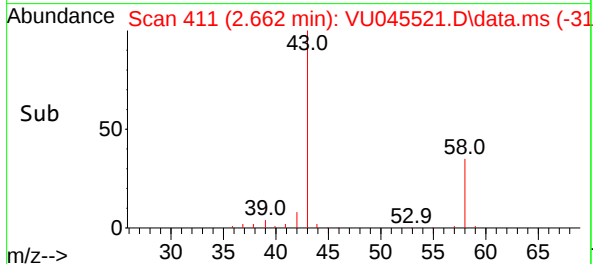
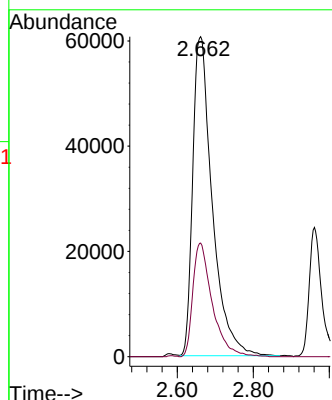
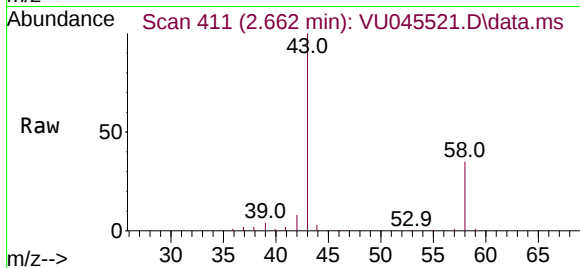
VSTD010031

Tgt Ion: 43 Resp: 216275

Ion Ratio Lower Upper

43 100

58 35.4 0.0 70.2



#14

Carbon disulfide

Concen: 10.423 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU045521.D

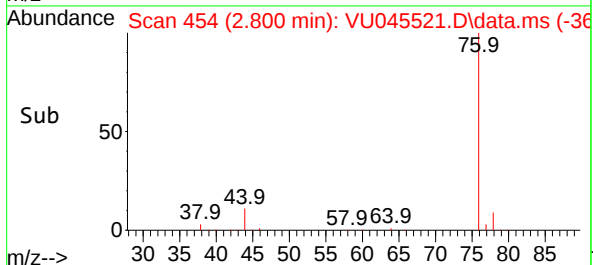
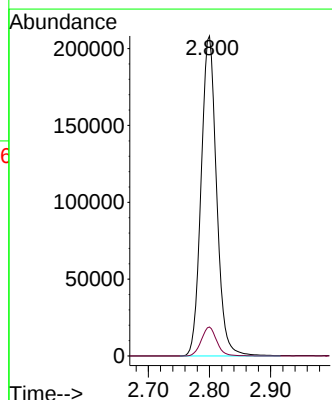
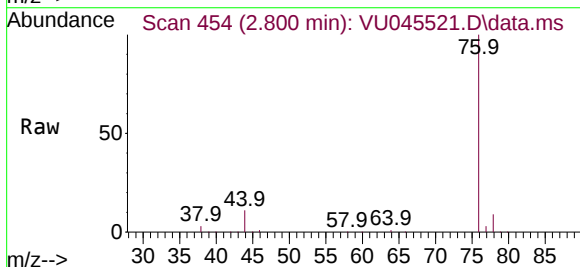
Acq: 03 Nov 2021 14:04

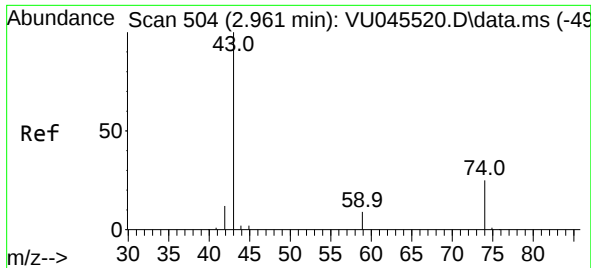
Tgt Ion: 76 Resp: 365718

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

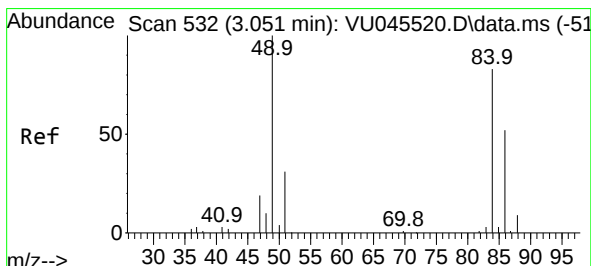
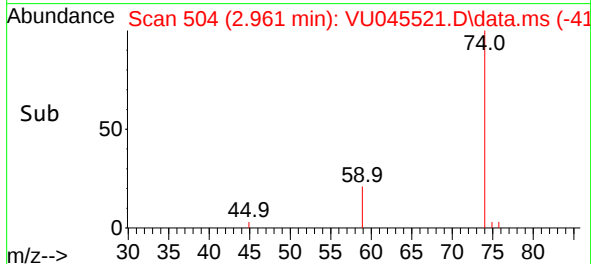
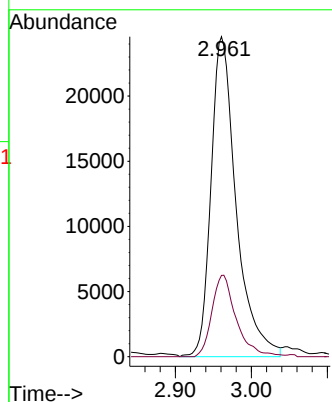
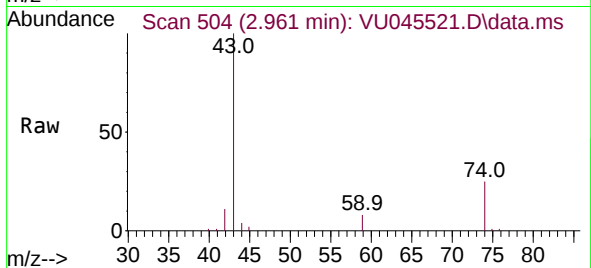




#15
Methyl Acetate
Concen: 11.050 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.000 min
Lab File: VU045521.D
Acq: 03 Nov 2021 14:04

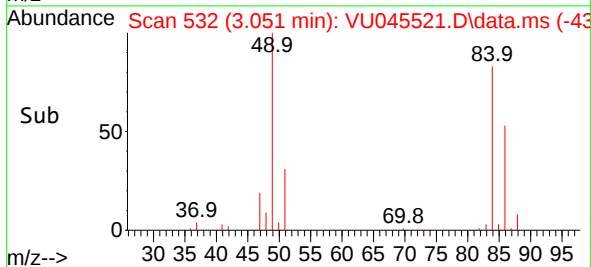
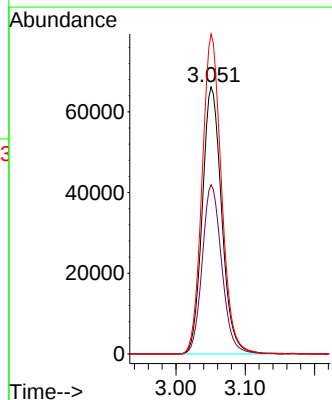
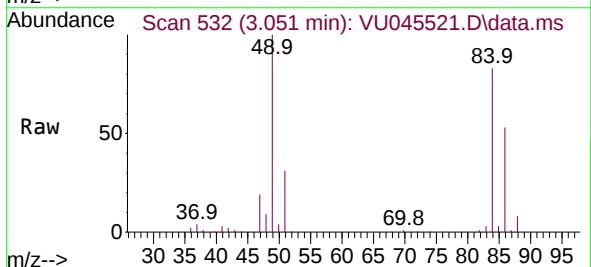
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MSVOA_U
ClientSampleId :
VSTD010031

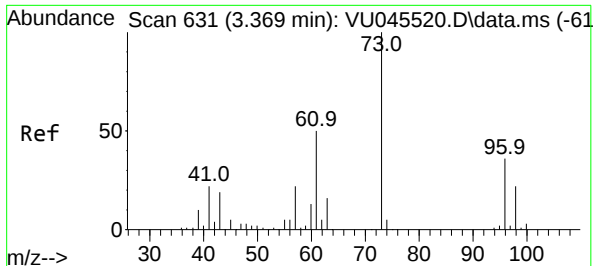
Tgt Ion: 43 Resp: 56502
Ion Ratio Lower Upper
43 100
74 24.6 20.0 30.0



#16
Methylene chloride
Concen: 7.879 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU045521.D
Acq: 03 Nov 2021 14:04

Tgt Ion: 84 Resp: 128785
Ion Ratio Lower Upper
84 100
86 63.4 43.8 81.3
49 119.8 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 10.443 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU045521.D

Acq: 03 Nov 2021 14:04

Instrument :

MSVOA_U

ClientSampleId :

VSTD010031

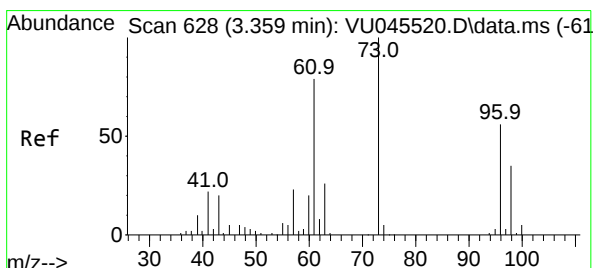
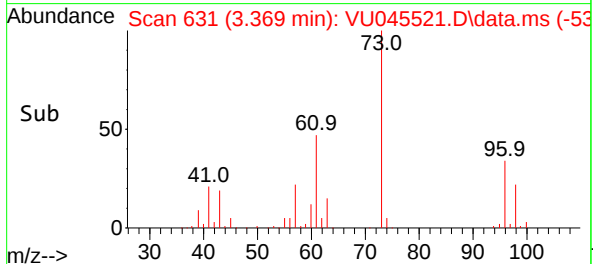
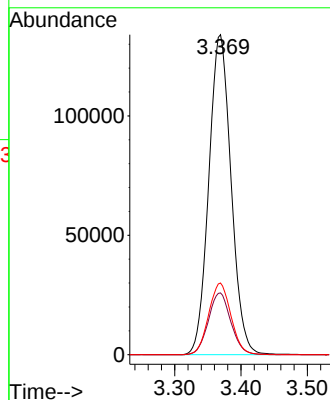
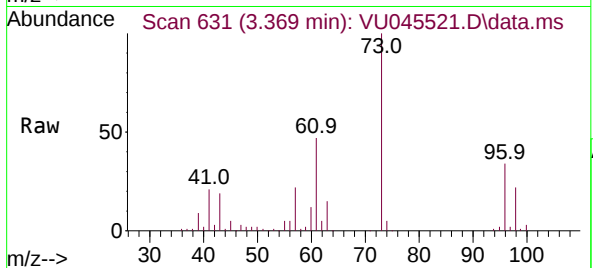
Tgt Ion: 73 Resp: 312675

Ion Ratio Lower Upper

73 100

43 19.6 15.8 23.6

57 22.4 17.8 26.8



#18

trans-1,2-Dichloroethene

Concen: 10.554 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU045521.D

Acq: 03 Nov 2021 14:04

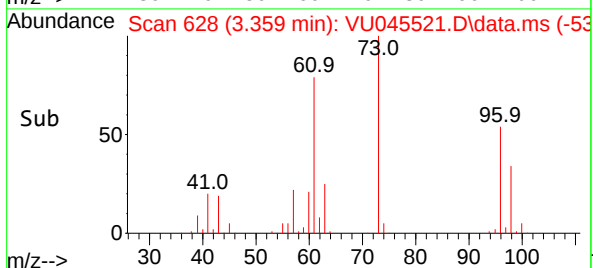
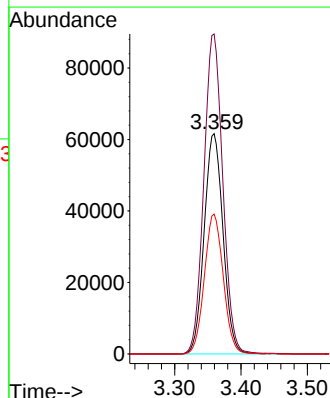
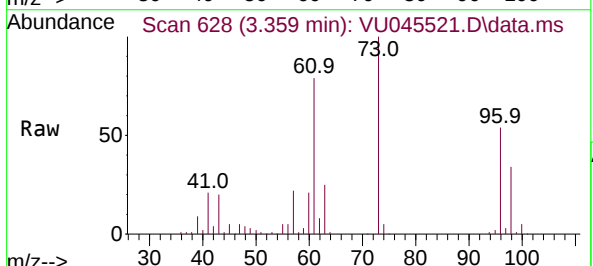
Tgt Ion: 96 Resp: 122054

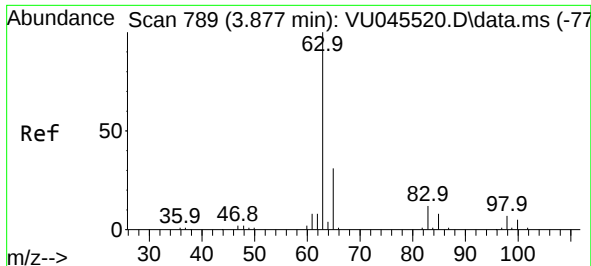
Ion Ratio Lower Upper

96 100

61 145.3 98.3 182.7

98 63.5 43.0 79.8





#19

1,1-Dichloroethane

Concen: 9.782 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU045521.D

Acq: 03 Nov 2021 14:04

Instrument :

MSVOA_U

ClientSampleId :

VSTD010031

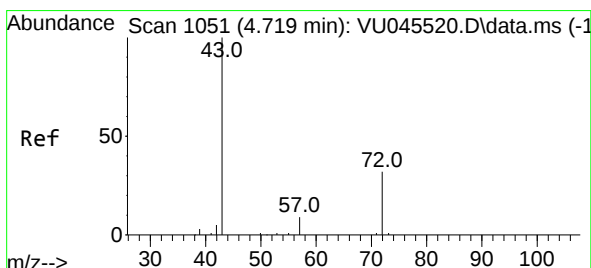
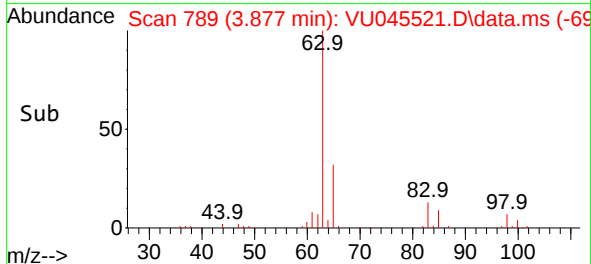
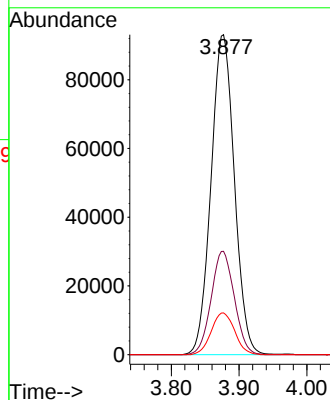
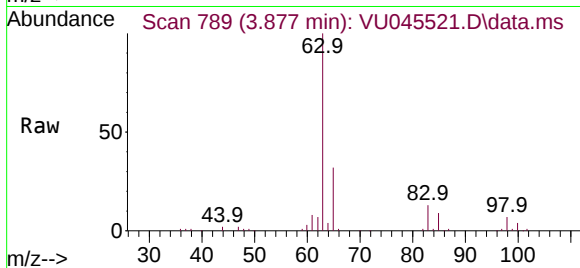
Tgt Ion: 63 Resp: 222847

Ion Ratio Lower Upper

63 100

65 32.3 21.5 39.9

83 13.1 8.4 15.6



#21

2-Butanone

Concen: 99.723 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. -0.000 min

Lab File: VU045521.D

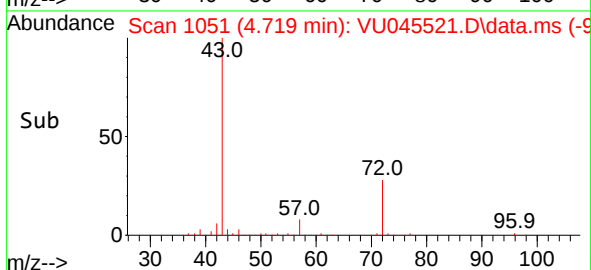
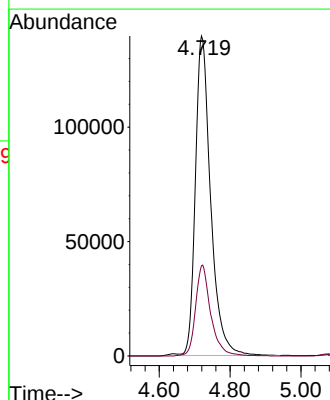
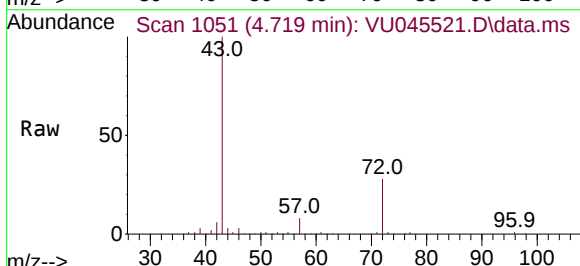
Acq: 03 Nov 2021 14:04

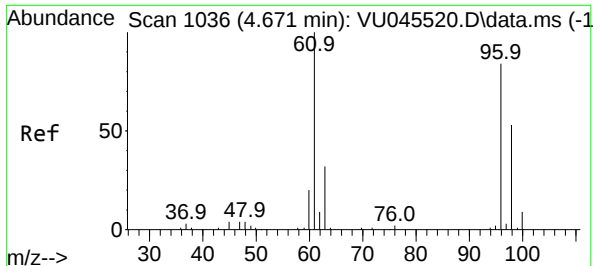
Tgt Ion: 43 Resp: 417368

Ion Ratio Lower Upper

43 100

72 28.2 15.8 47.3

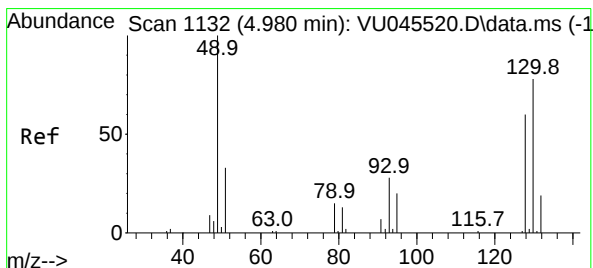
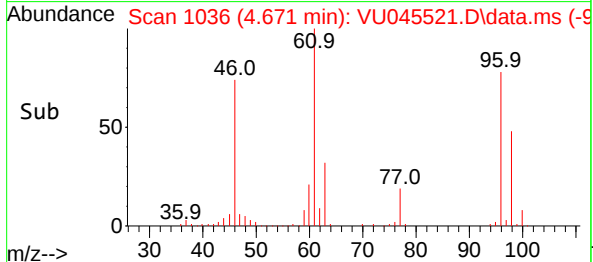
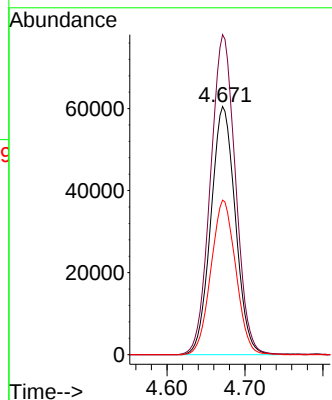
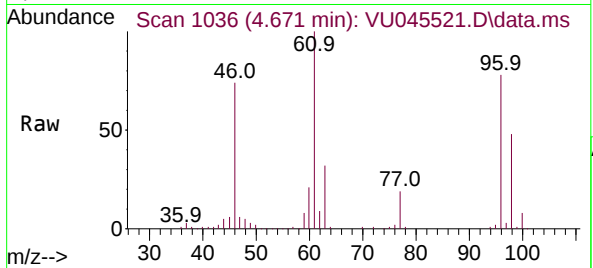




#22
 cis-1,2-Dichloroethene
 Concen: 11.036 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU045521.D
 Acq: 03 Nov 2021 14:04

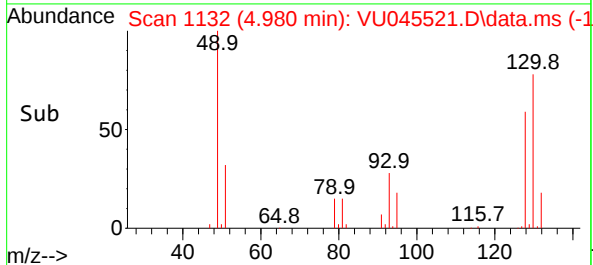
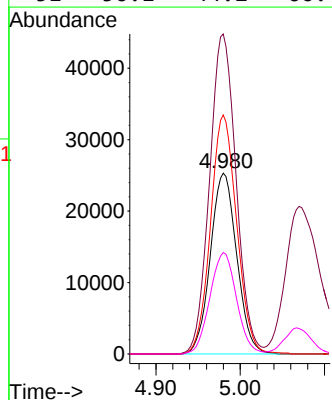
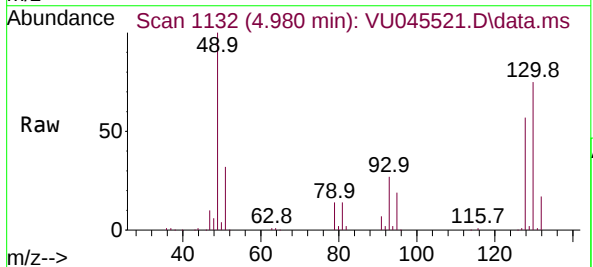
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010031

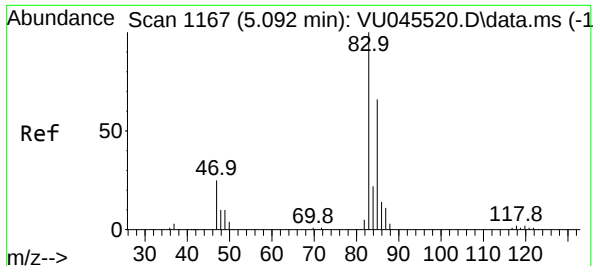
Tgt Ion: 96 Resp: 132643
 Ion Ratio Lower Upper
 96 100
 61 128.9 83.4 155.0
 98 62.3 44.0 81.8



#23
 Bromochloromethane
 Concen: 10.404 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VU045521.D
 Acq: 03 Nov 2021 14:04

Tgt Ion: 128 Resp: 55045
 Ion Ratio Lower Upper
 128 100
 49 176.9 117.6 218.4
 130 132.1 92.2 171.2
 51 56.1 44.2 66.4





#25

Chloroform

Concen: 9.201 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU045521.D

Acq: 03 Nov 2021 14:04

Instrument :

MSVOA_U

ClientSampleId :

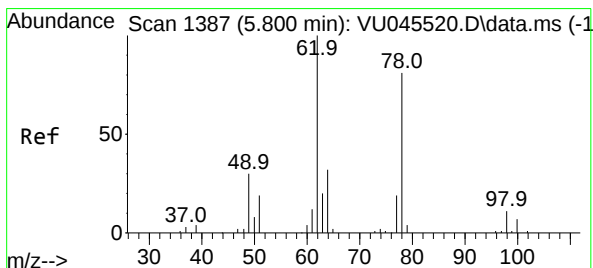
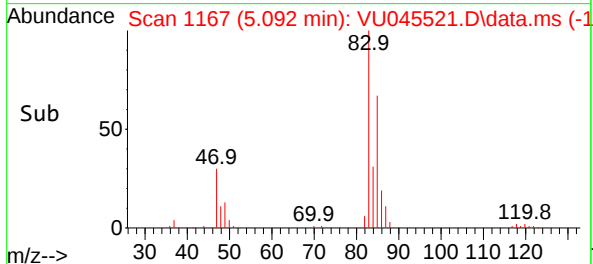
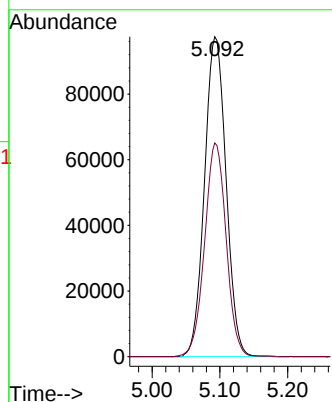
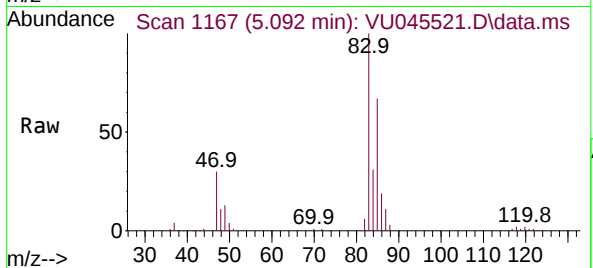
VSTD010031

Tgt Ion: 83 Resp: 215643

Ion Ratio Lower Upper

83 100

85 66.8 46.4 86.2



#27

1,2-Dichloroethane

Concen: 9.380 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU045521.D

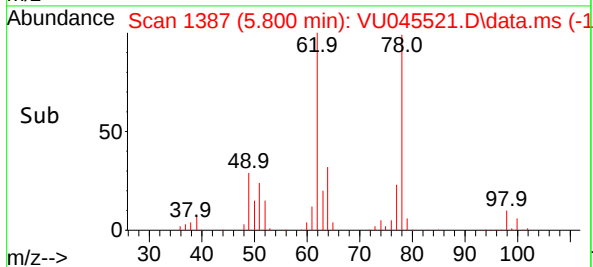
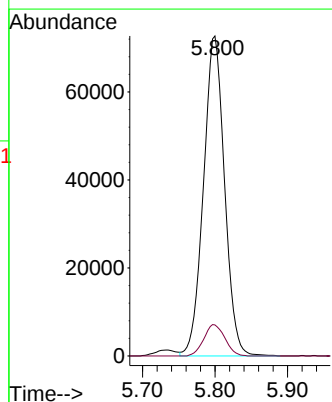
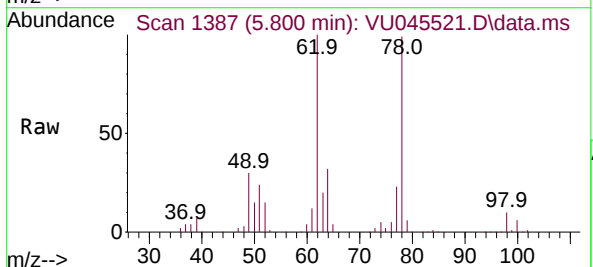
Acq: 03 Nov 2021 14:04

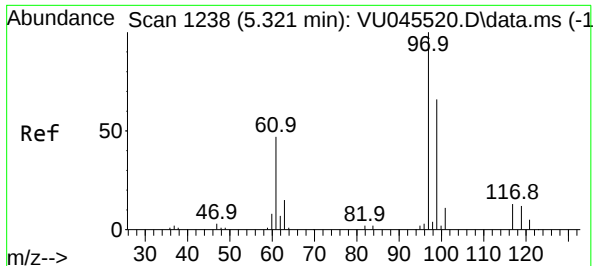
Tgt Ion: 62 Resp: 146953

Ion Ratio Lower Upper

62 100

98 9.7 8.5 12.7





#29

1,1,1-Trichloroethane

Concen: 10.368 ug/L

RT: 5.321 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045521.D

Acq: 03 Nov 2021 14:04

Instrument :

MSVOA_U

ClientSampleId :

VSTD010031

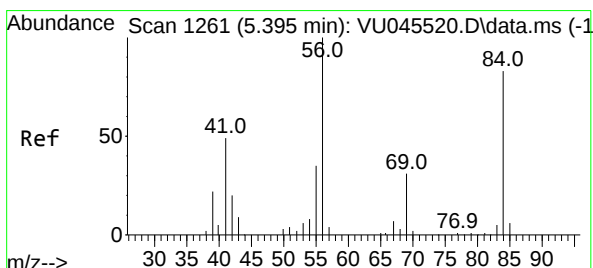
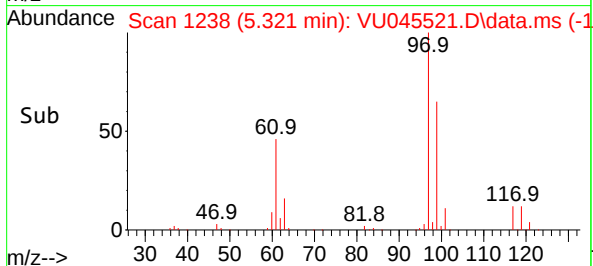
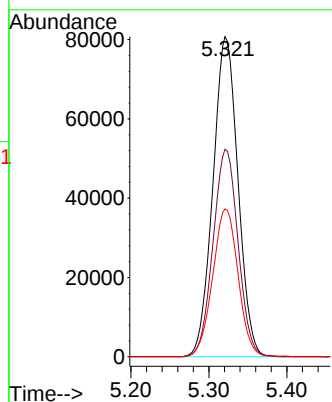
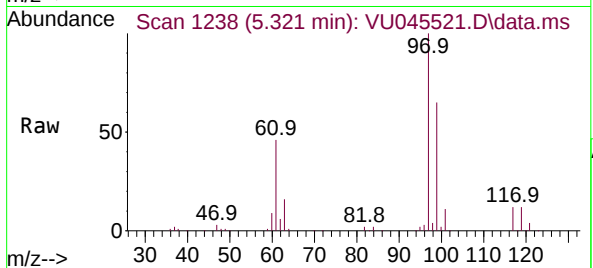
Tgt Ion: 97 Resp: 179978

Ion Ratio Lower Upper

97 100

99 64.8 52.6 79.0

61 46.9 37.1 55.7



#30

Cyclohexane

Concen: 10.827 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU045521.D

Acq: 03 Nov 2021 14:04

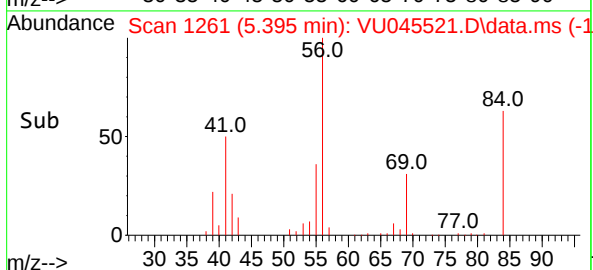
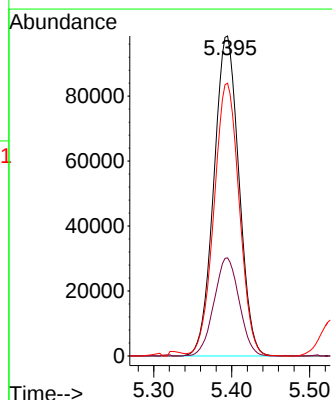
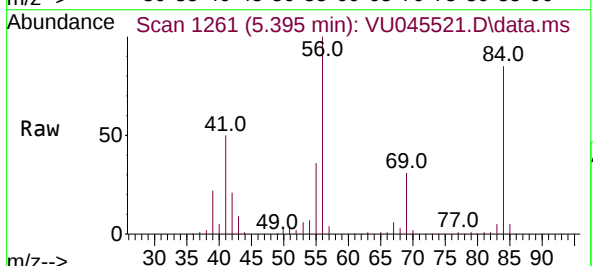
Tgt Ion: 56 Resp: 220264

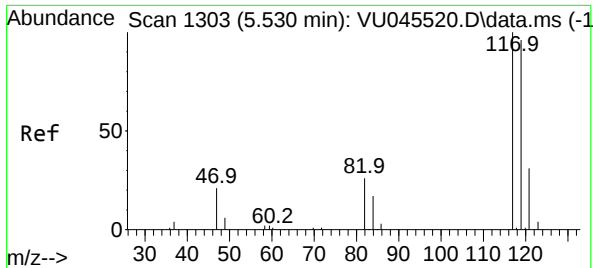
Ion Ratio Lower Upper

56 100

69 30.8 24.2 36.2

84 86.1 68.3 102.5

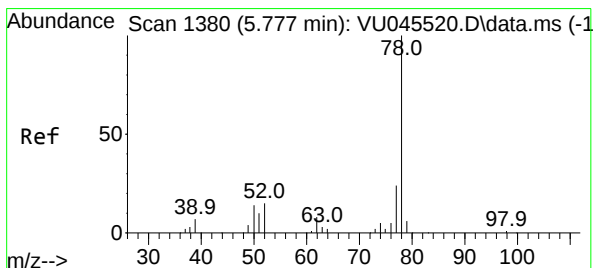
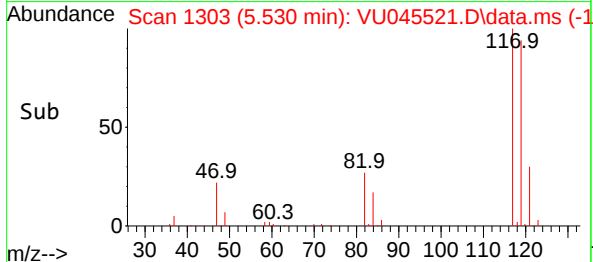
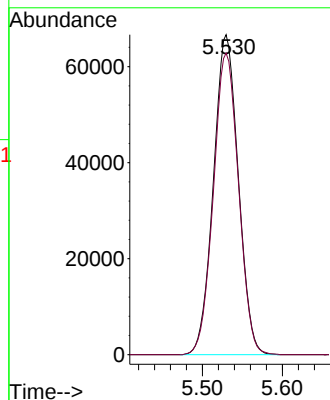
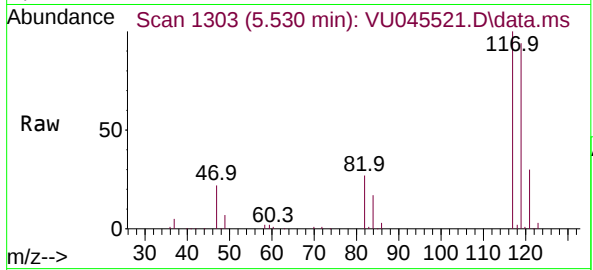




#31
Carbon tetrachloride
Concen: 10.524 ug/L
RT: 5.530 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045521.D
Acq: 03 Nov 2021 14:04

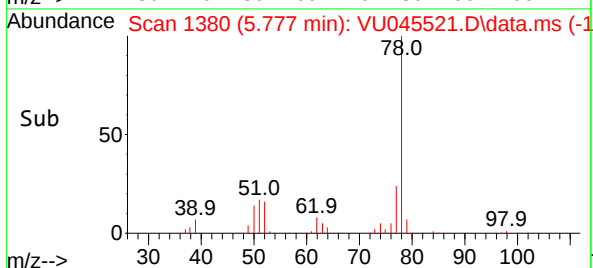
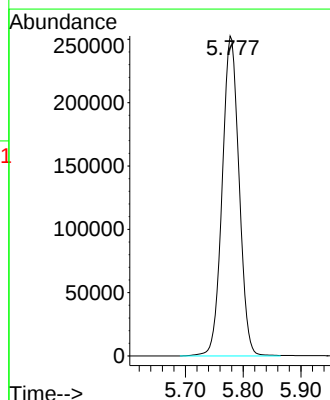
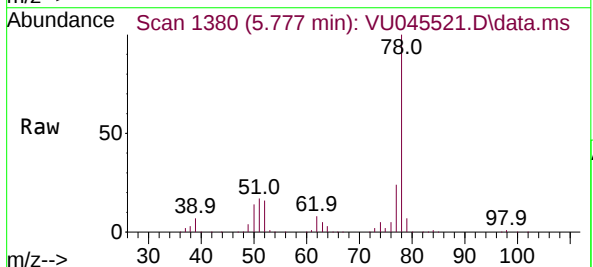
Instrument :
MSVOA_U
ClientSampleId :
VSTD010031

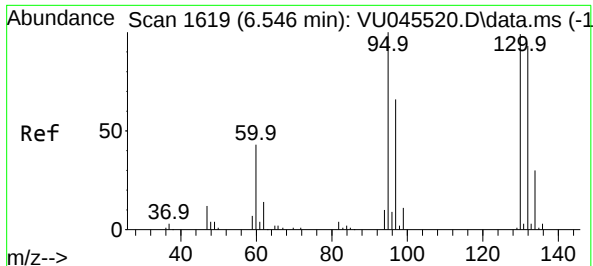
Tgt Ion:117 Resp: 143748
Ion Ratio Lower Upper
117 100
119 95.4 77.4 116.0



#33
Benzene
Concen: 10.653 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU045521.D
Acq: 03 Nov 2021 14:04

Tgt Ion: 78 Resp: 512184

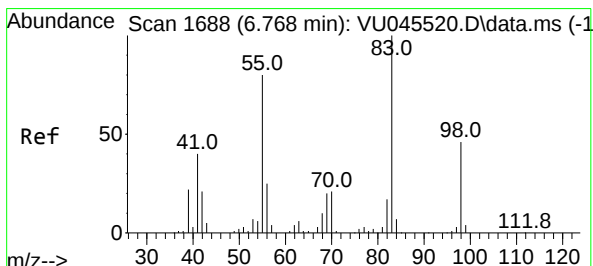
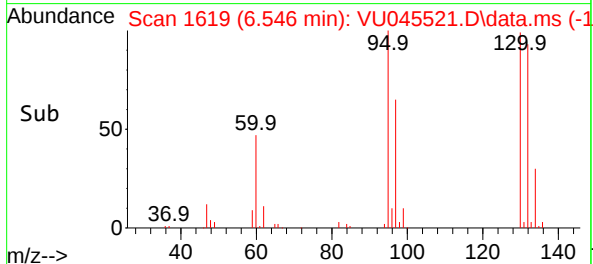
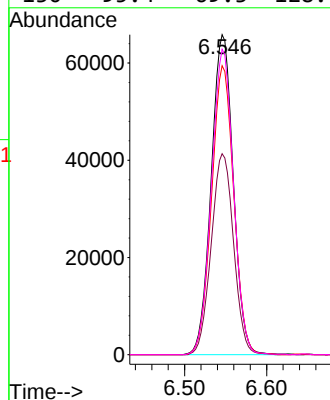
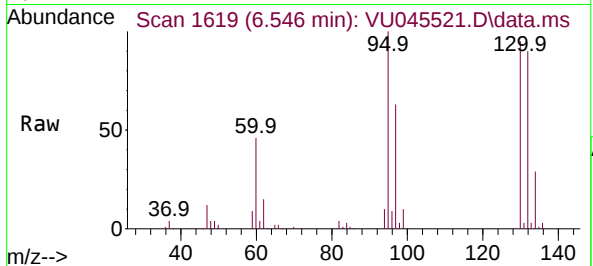




#34
Trichloroethene
Concen: 10.518 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045521.D
Acq: 03 Nov 2021 14:04

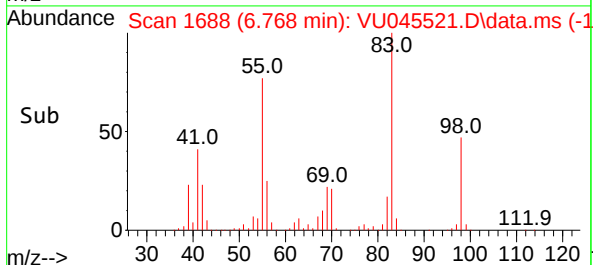
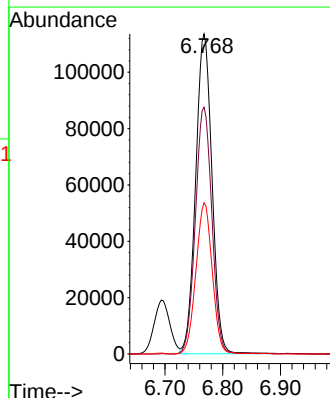
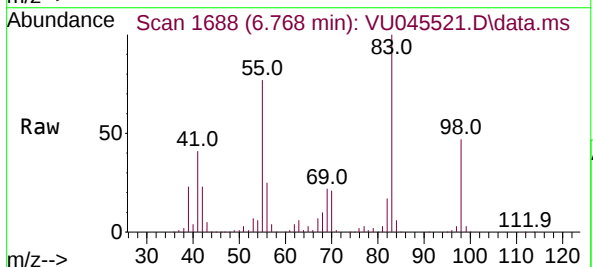
Instrument :
MSVOA_U
ClientSampleId :
VSTD010031

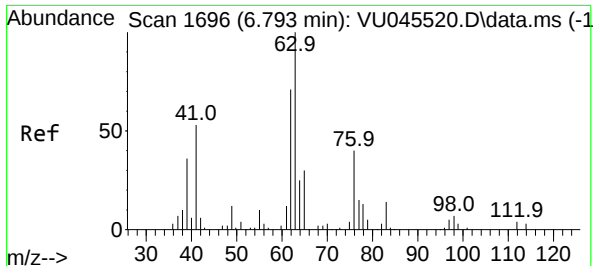
Tgt Ion: 95 Resp: 123106
Ion Ratio Lower Upper
95 100
97 62.8 46.5 86.3
132 90.3 65.4 121.4
130 95.4 69.3 128.7



#35
Methylcyclohexane
Concen: 11.267 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU045521.D
Acq: 03 Nov 2021 14:04

Tgt Ion: 83 Resp: 222947
Ion Ratio Lower Upper
83 100
55 77.8 63.9 95.9
98 47.2 37.4 56.2





#37

1,2-Dichloropropane

Concen: 10.149 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045521.D

Acq: 03 Nov 2021 14:04

Instrument :

MSVOA_U

ClientSampleId :

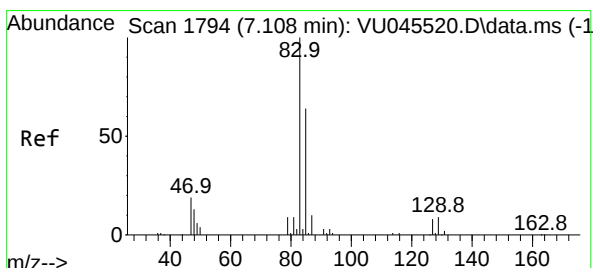
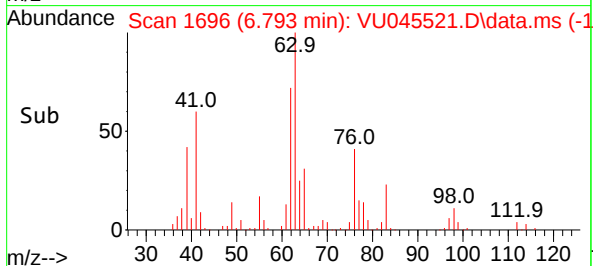
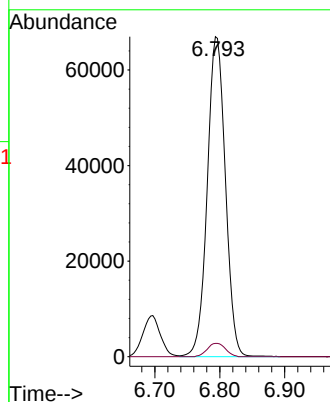
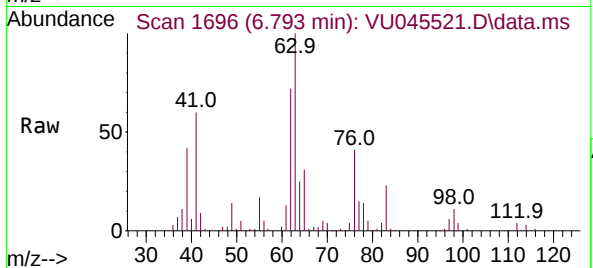
VSTD010031

Tgt Ion: 63 Resp: 129964

Ion Ratio Lower Upper

63 100

112 4.2 3.5 5.3



#38

Bromodichloromethane

Concen: 10.360 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU045521.D

Acq: 03 Nov 2021 14:04

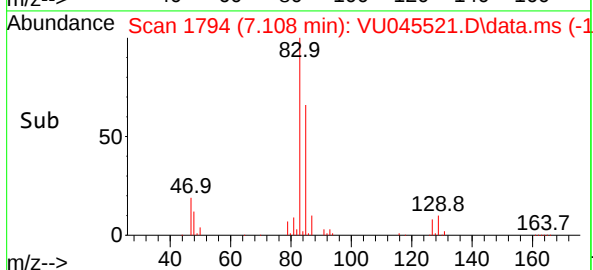
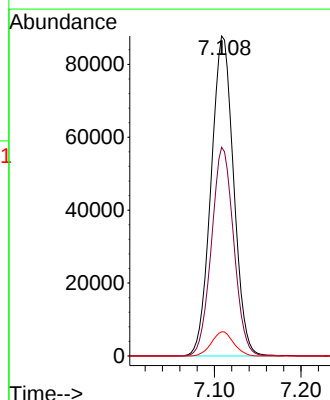
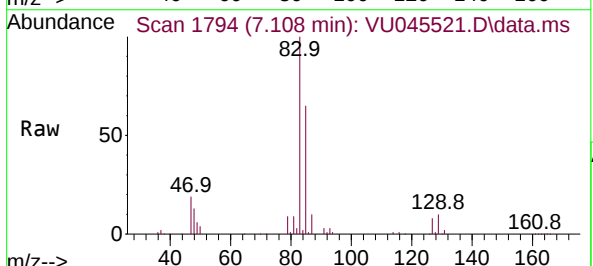
Tgt Ion: 83 Resp: 158956

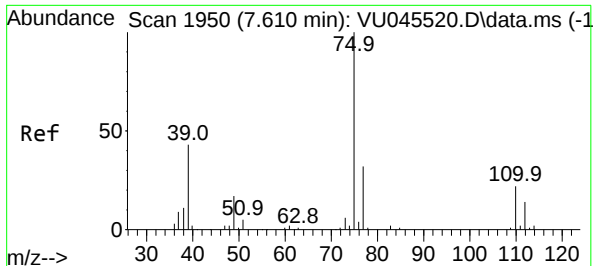
Ion Ratio Lower Upper

83 100

85 65.2 44.7 82.9

127 7.6 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 10.865 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU045521.D

Acq: 03 Nov 2021 14:04

Instrument :

MSVOA_U

ClientSampleId :

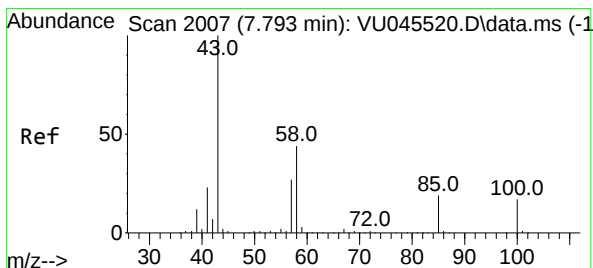
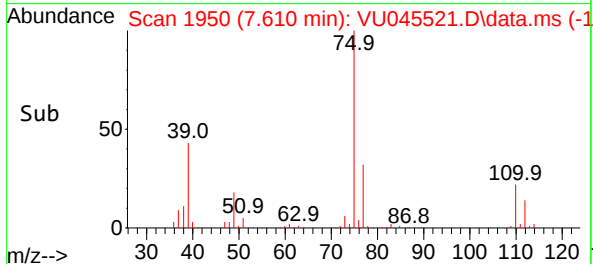
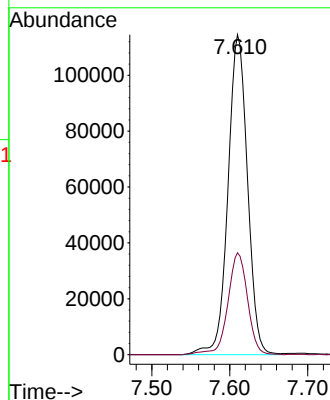
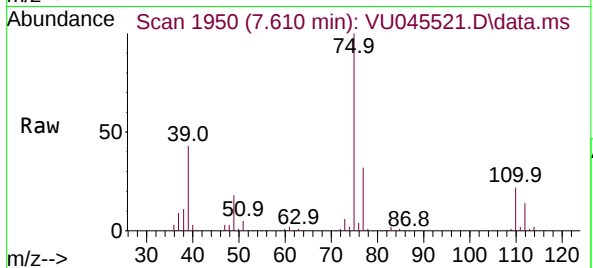
VSTD010031

Tgt Ion: 75 Resp: 198466

Ion Ratio Lower Upper

75 100

77 31.8 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 96.673 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU045521.D

Acq: 03 Nov 2021 14:04

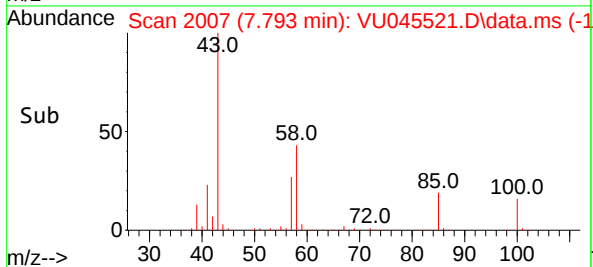
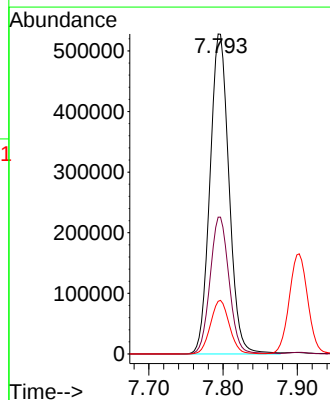
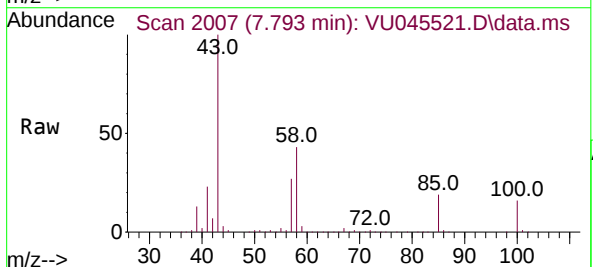
Tgt Ion: 43 Resp: 939166

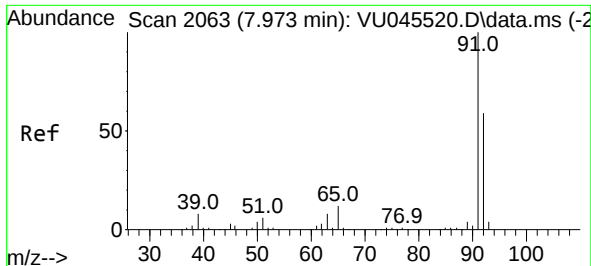
Ion Ratio Lower Upper

43 100

58 42.8 35.0 52.6

100 16.6 13.6 20.4





#42

Toluene

Concen: 10.704 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU045521.D

Acq: 03 Nov 2021 14:04

Instrument :

MSVOA_U

ClientSampleId :

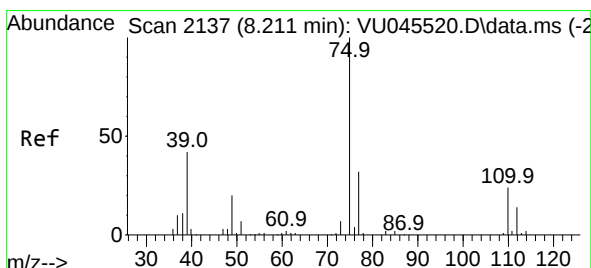
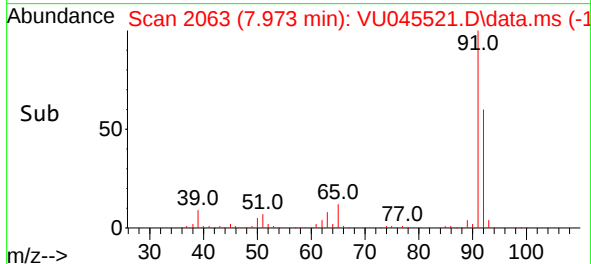
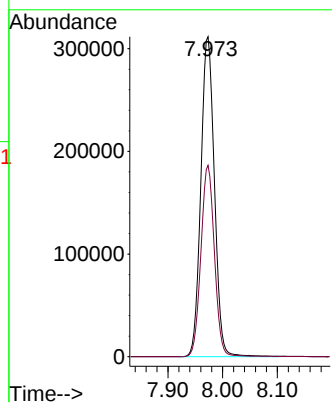
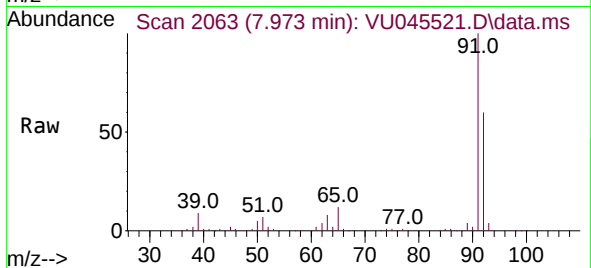
VSTD010031

Tgt Ion: 91 Resp: 537255

Ion Ratio Lower Upper

91 100

92 59.8 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 10.823 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU045521.D

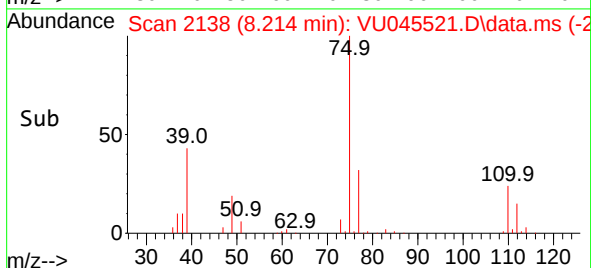
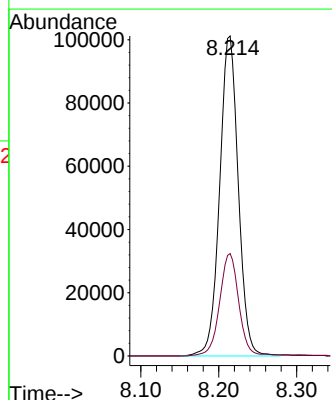
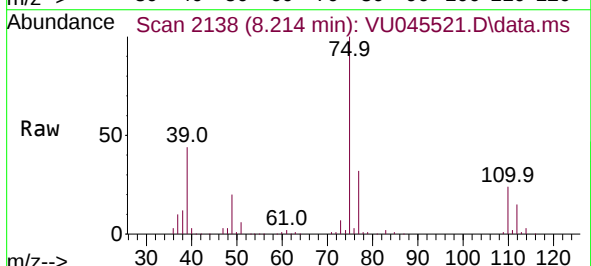
Acq: 03 Nov 2021 14:04

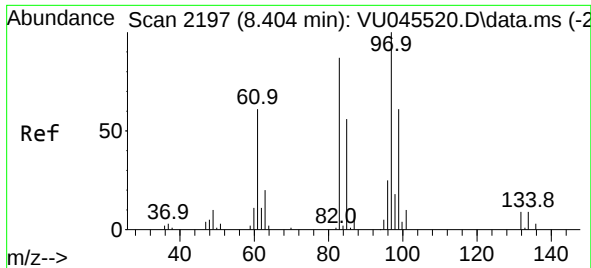
Tgt Ion: 75 Resp: 168110

Ion Ratio Lower Upper

75 100

77 32.0 22.5 41.7

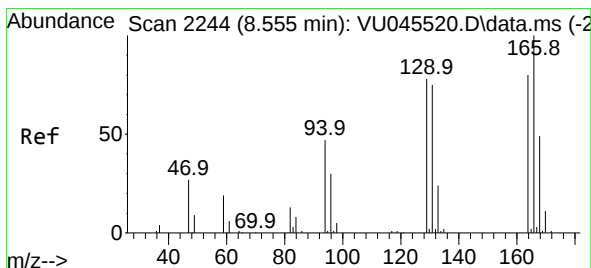
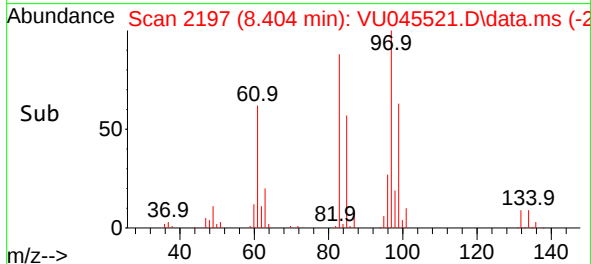
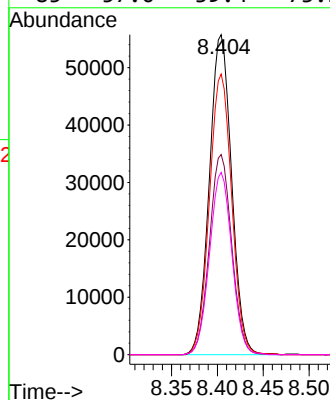
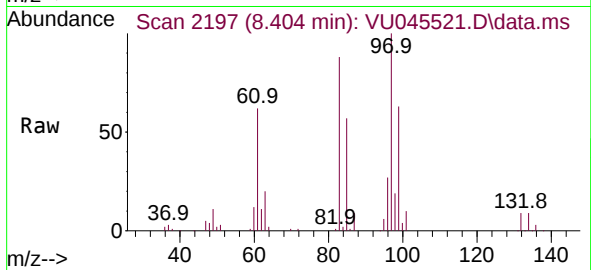




#45
1,1,2-Trichloroethane
Concen: 10.301 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU045521.D
Acq: 03 Nov 2021 14:04

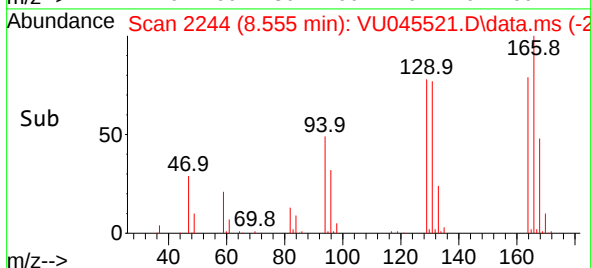
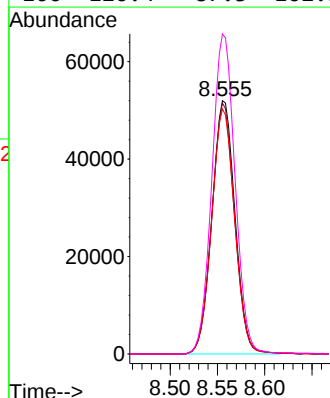
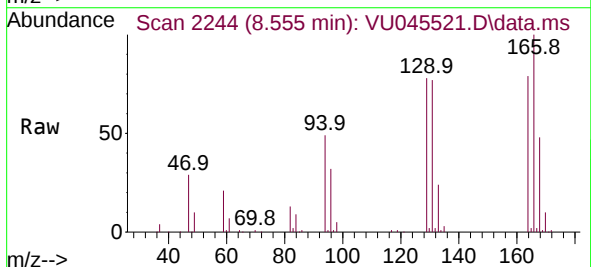
Instrument :
MSVOA_U
ClientSampleId :
VSTD010031

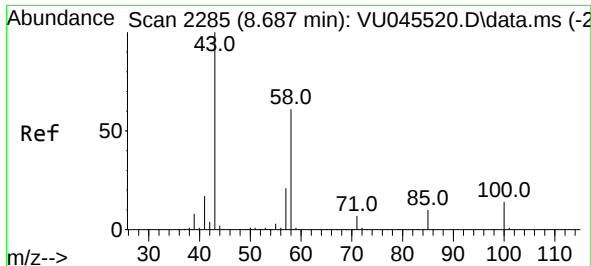
Tgt Ion:	97	Resp:	94201
Ion	Ratio	Lower	Upper
97	100		
99	62.6	42.4	78.6
83	87.7	60.6	112.6
85	57.0	39.4	73.2



#47
Tetrachloroethene
Concen: 10.644 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU045521.D
Acq: 03 Nov 2021 14:04

Tgt Ion:	164	Resp:	88266
Ion	Ratio	Lower	Upper
164	100		
129	99.1	68.1	126.5
131	96.7	65.3	121.3
166	126.4	87.3	162.1



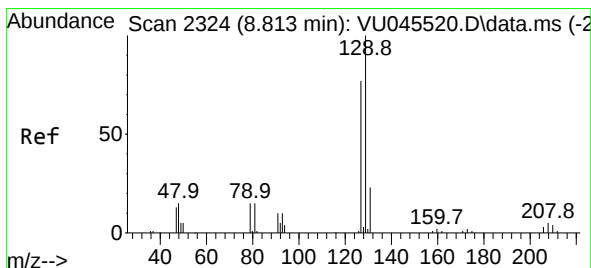
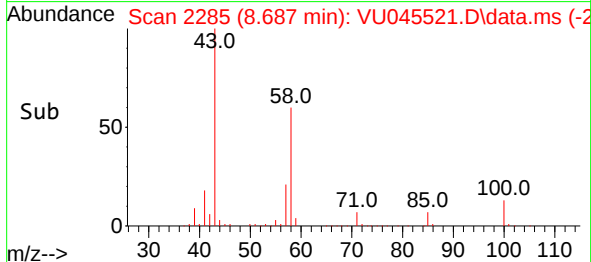
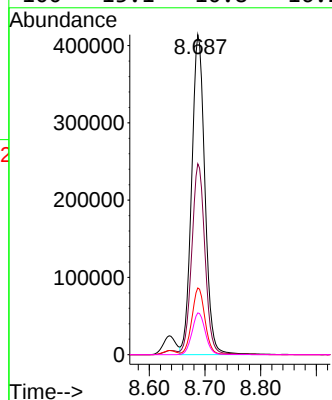
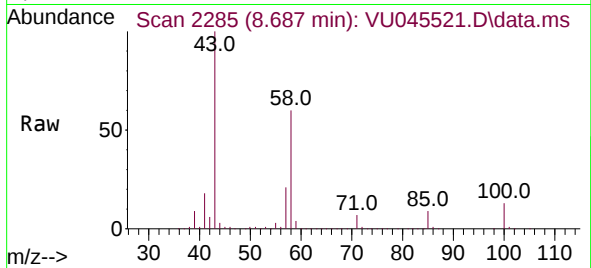


#48
2-Hexanone
Concen: 94.682 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045521.D
Acq: 03 Nov 2021 14:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD010031

Tgt Ion: 43 Resp: 683921

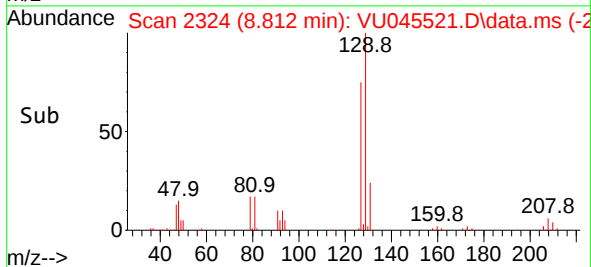
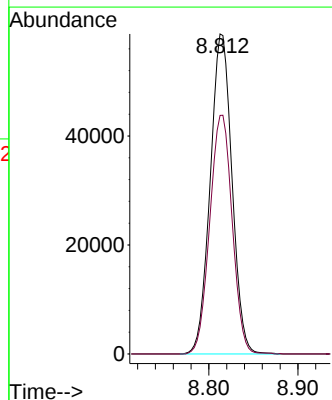
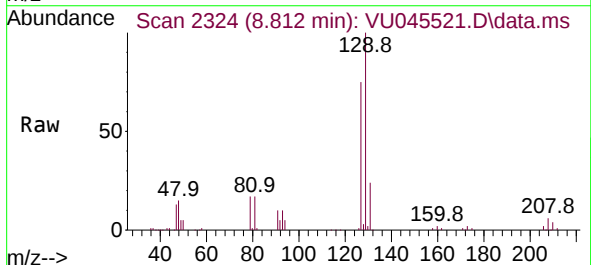
Ion	Ratio	Lower	Upper
43	100		
58	59.5	47.7	71.5
57	20.5	16.6	25.0
100	13.1	10.8	16.2

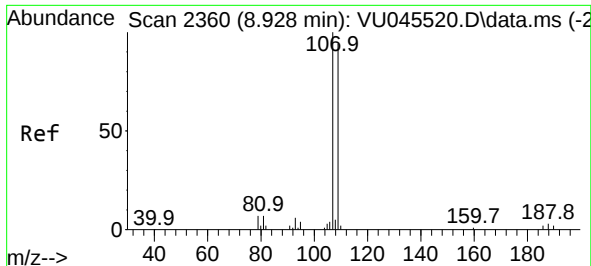


#49
Dibromochloromethane
Concen: 10.458 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU045521.D
Acq: 03 Nov 2021 14:04

Tgt Ion: 129 Resp: 99644

Ion	Ratio	Lower	Upper
129	100		
127	74.6	53.6	99.6

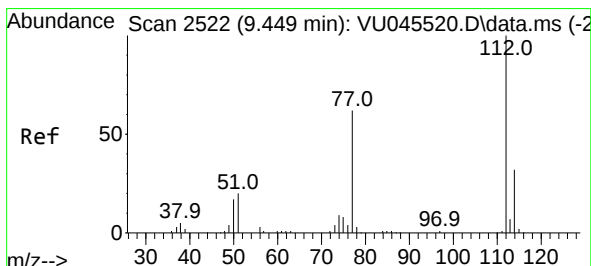
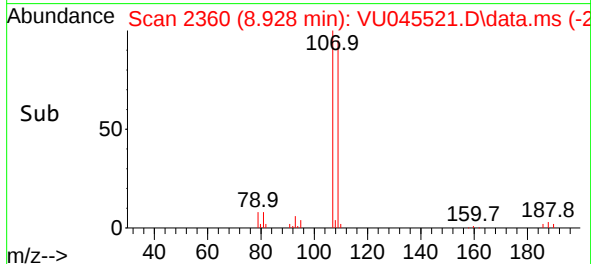
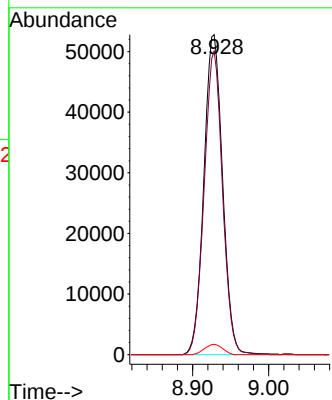
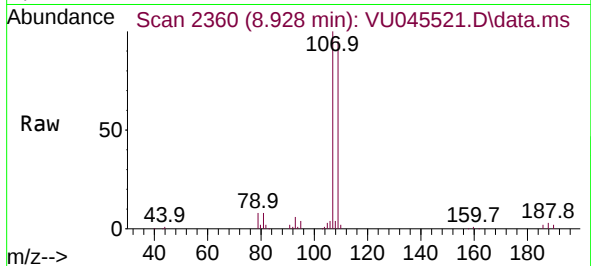




#50
1,2-Dibromoethane
Concen: 10.566 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VU045521.D
Acq: 03 Nov 2021 14:04

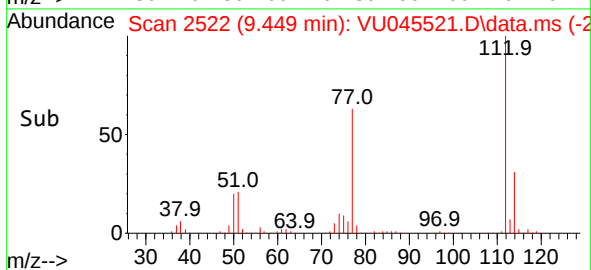
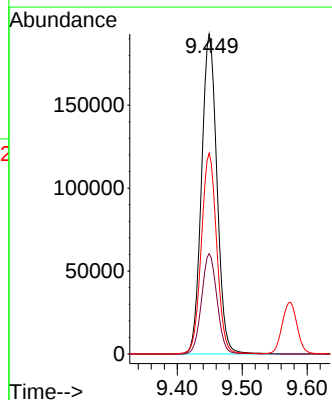
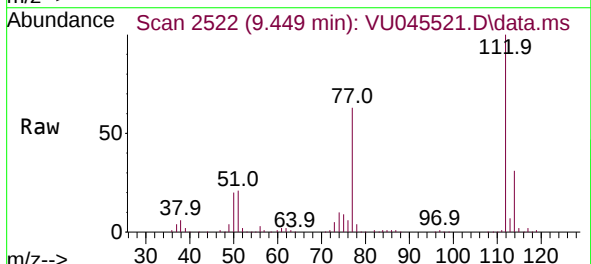
Instrument :
MSVOA_U
ClientSampleId :
VSTD010031

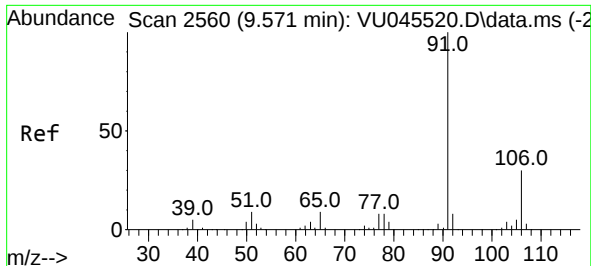
Tgt Ion:107 Resp: 90237
Ion Ratio Lower Upper
107 100
109 94.8 65.5 121.6
188 3.2 2.6 4.0



#51
Chlorobenzene
Concen: 10.294 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU045521.D
Acq: 03 Nov 2021 14:04

Tgt Ion:112 Resp: 318891
Ion Ratio Lower Upper
112 100
114 31.3 22.3 41.5
77 62.7 49.5 74.3

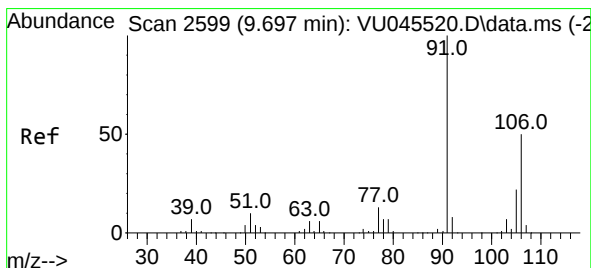
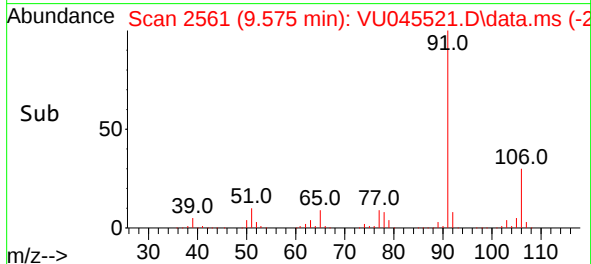
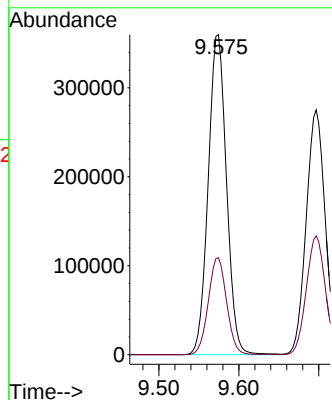
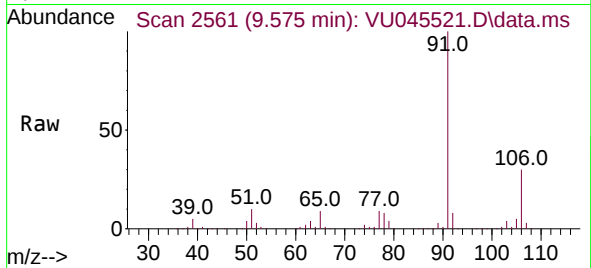




#52
Ethylbenzene
Concen: 10.598 ug/L
RT: 9.575 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU045521.D
Acq: 03 Nov 2021 14:04

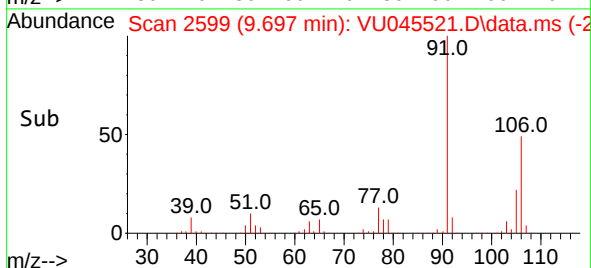
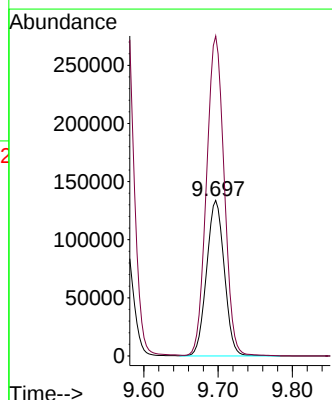
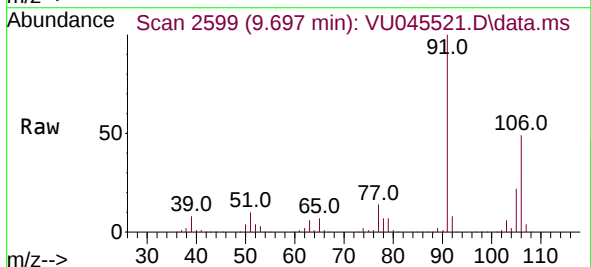
Instrument :
MSVOA_U
ClientSampleId :
VSTD010031

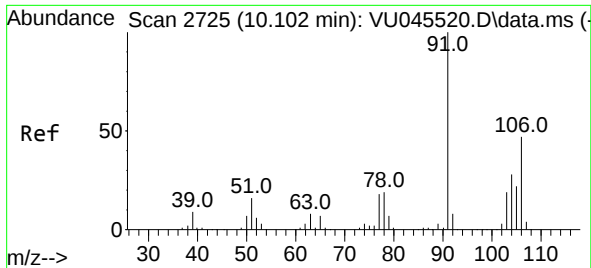
Tgt Ion: 91 Resp: 571765
Ion Ratio Lower Upper
91 100
106 30.3 20.9 38.9



#53
m,p-Xylene
Concen: 10.799 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045521.D
Acq: 03 Nov 2021 14:04

Tgt Ion: 106 Resp: 221651
Ion Ratio Lower Upper
106 100
91 205.8 141.6 263.0

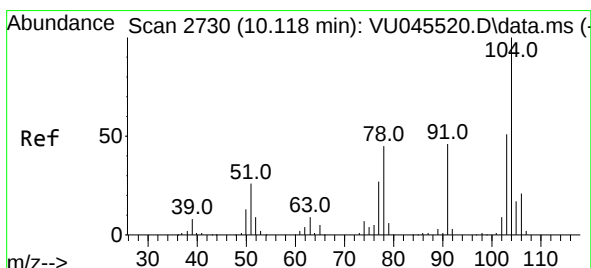
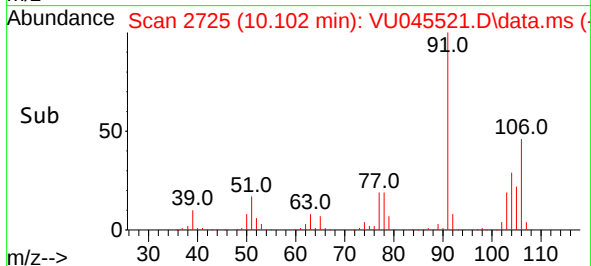
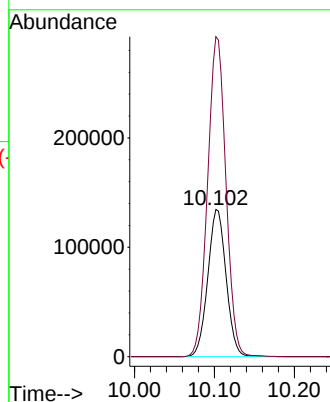
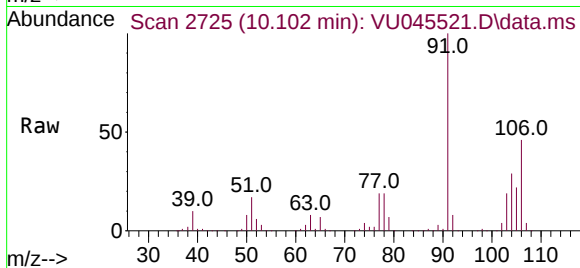




#54
o-Xylene
Concen: 10.910 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU045521.D
Acq: 03 Nov 2021 14:04

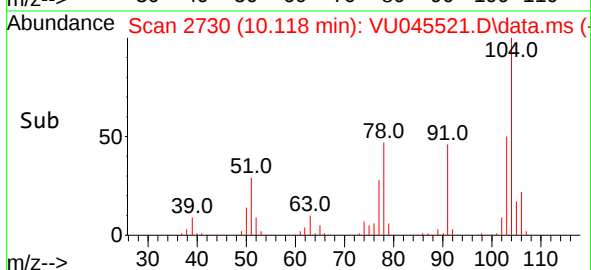
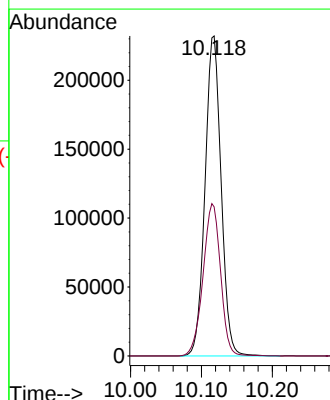
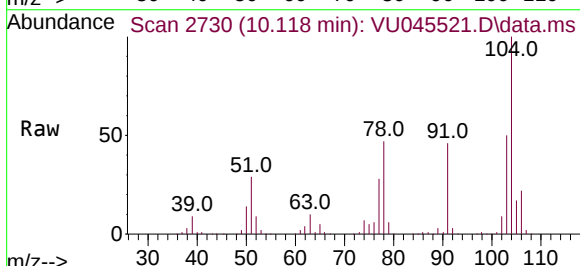
Instrument :
MSVOA_U
ClientSampleId :
VSTD010031

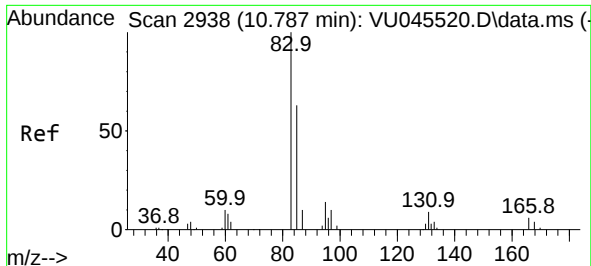
Tgt Ion:106 Resp: 214240
Ion Ratio Lower Upper
106 100
91 217.5 148.8 276.4



#55
Styrene
Concen: 10.799 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045521.D
Acq: 03 Nov 2021 14:04

Tgt Ion:104 Resp: 366063
Ion Ratio Lower Upper
104 100
78 46.6 31.5 58.5

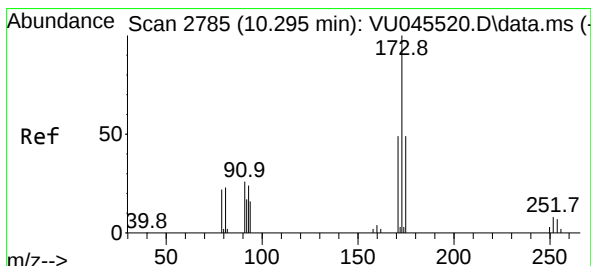
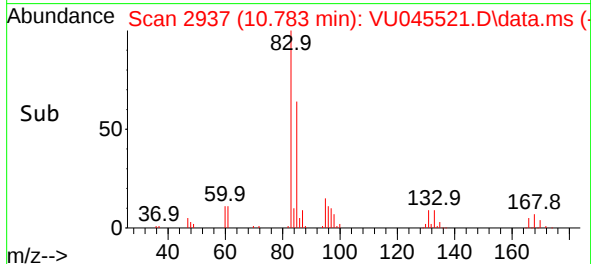
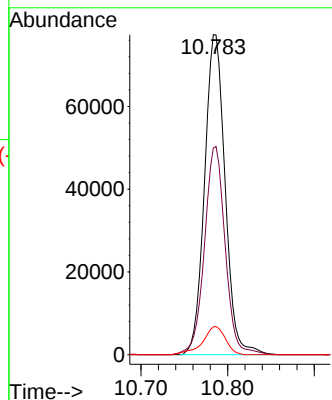
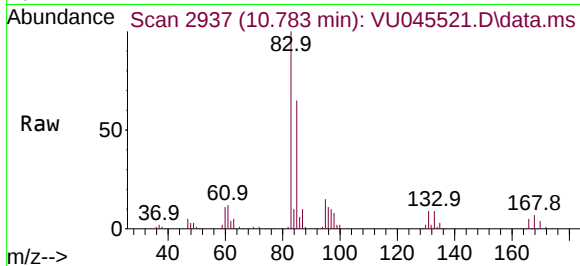




#57
1,1,2,2-Tetrachloroethane
Concen: 10.466 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU045521.D
Acq: 03 Nov 2021 14:04

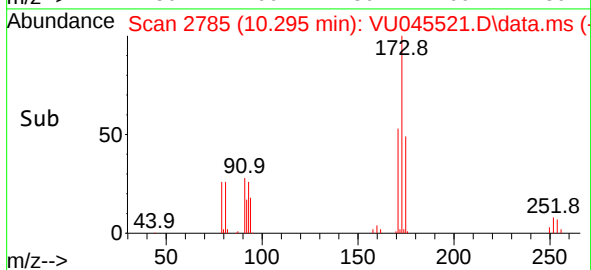
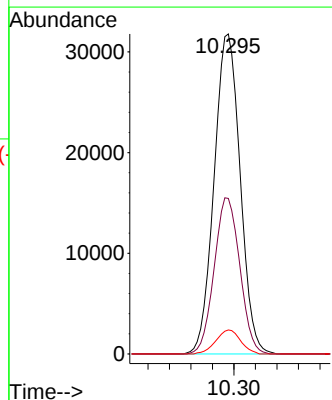
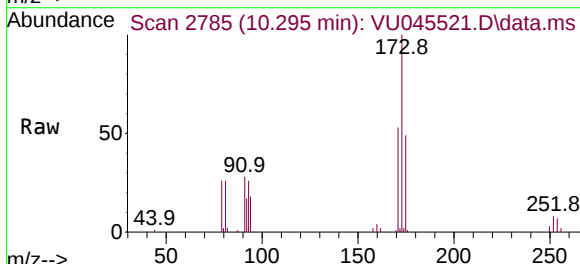
Instrument :
MSVOA_U
ClientSampleId :
VSTD010031

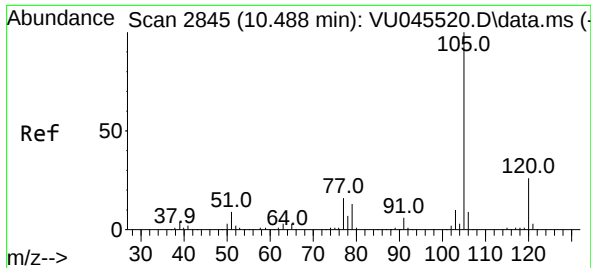
Tgt Ion: 83 Resp: 127580
Ion Ratio Lower Upper
83 100
85 64.6 44.9 83.5
131 8.7 7.5 11.3



#59
Bromoform
Concen: 10.817 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU045521.D
Acq: 03 Nov 2021 14:04

Tgt Ion:173 Resp: 53469
Ion Ratio Lower Upper
173 100
175 47.9 38.3 57.5
254 7.1 5.6 8.4

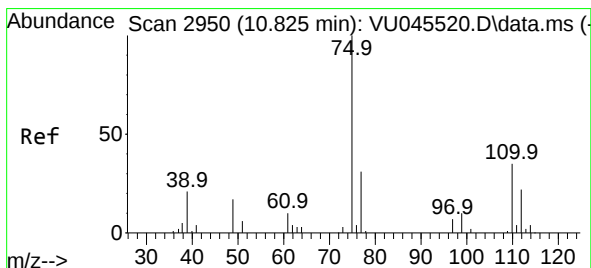
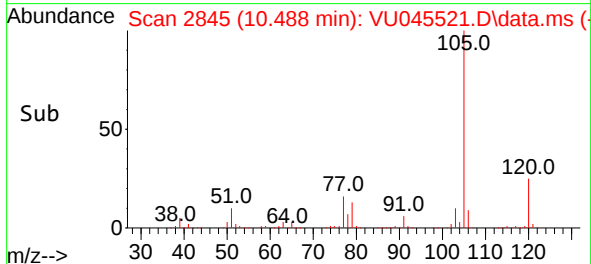
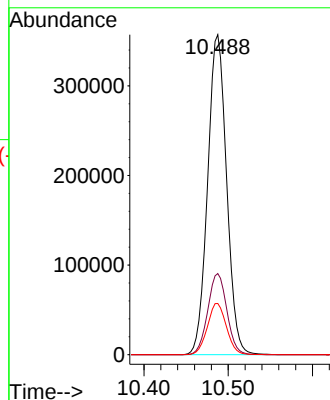
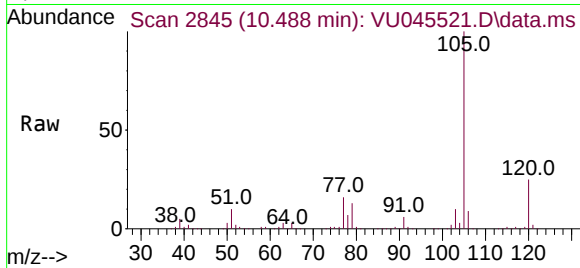




#60
Isopropylbenzene
Concen: 11.111 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045521.D
Acq: 03 Nov 2021 14:04

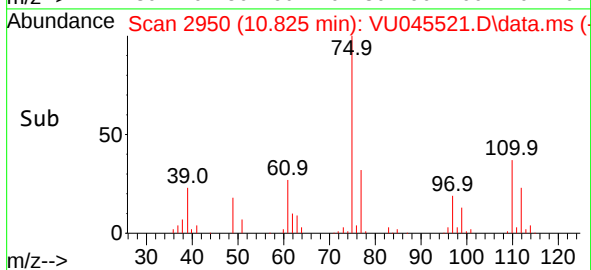
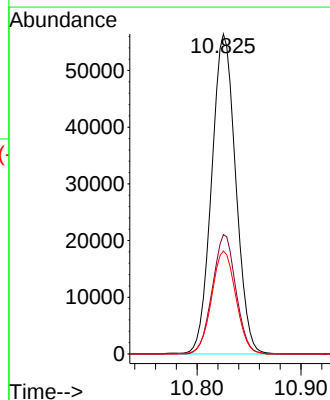
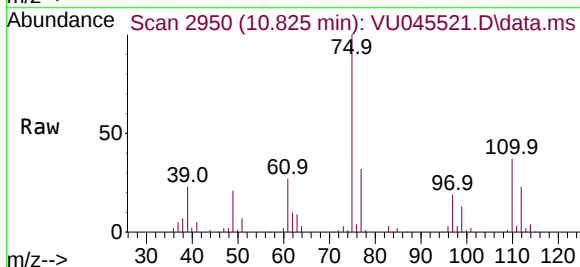
Instrument :
MSVOA_U
ClientSampleId :
VSTD010031

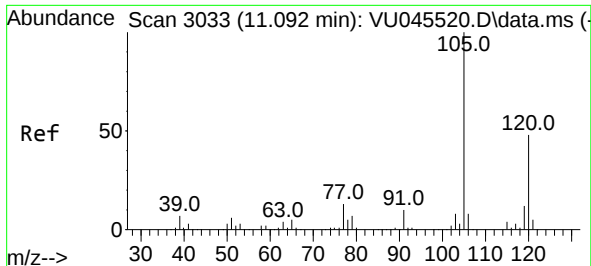
Tgt Ion:105 Resp: 558785
Ion Ratio Lower Upper
105 100
120 25.6 20.6 30.8
77 16.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 10.264 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU045521.D
Acq: 03 Nov 2021 14:04

Tgt Ion: 75 Resp: 90799
Ion Ratio Lower Upper
75 100
110 36.5 28.4 42.6
77 32.5 25.1 37.7

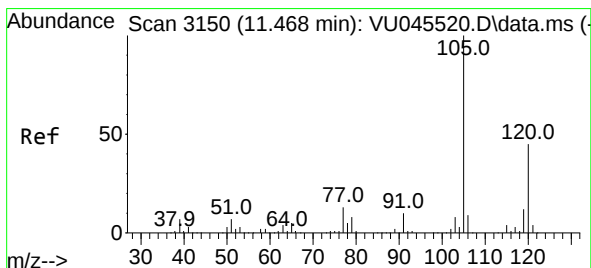
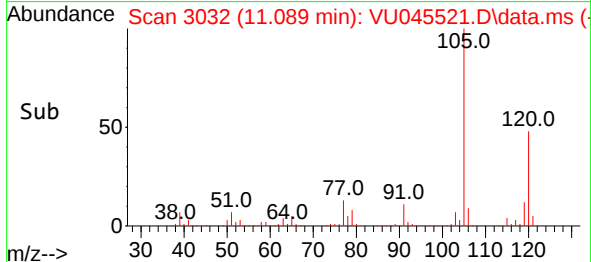
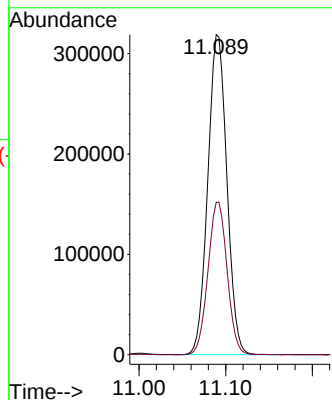
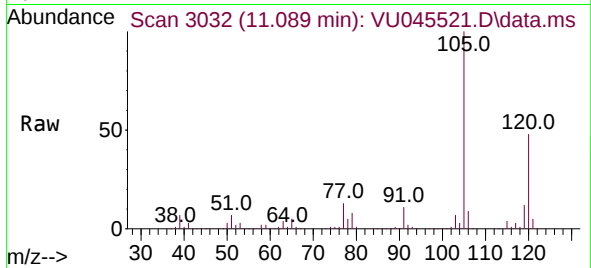




#62
1,3,5-Trimethylbenzene
Concen: 11.422 ug/L
RT: 11.089 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU045521.D
Acq: 03 Nov 2021 14:04

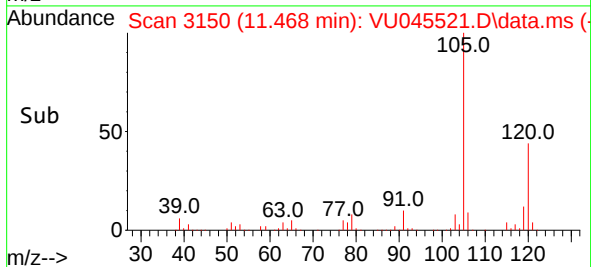
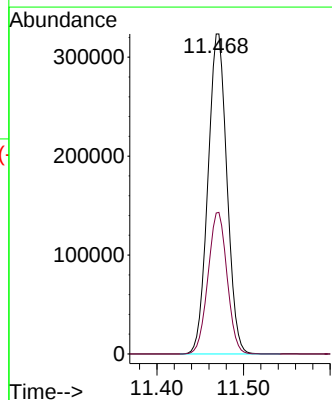
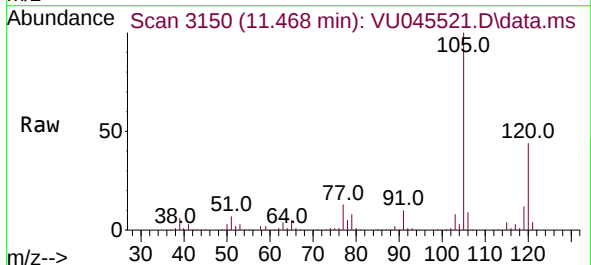
Instrument :
MSVOA_U
ClientSampleId :
VSTD010031

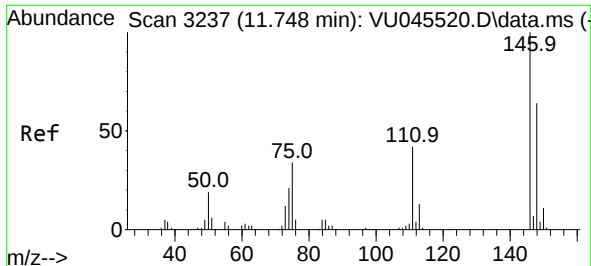
Tgt Ion:105 Resp: 487739
Ion Ratio Lower Upper
105 100
120 47.9 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 11.321 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU045521.D
Acq: 03 Nov 2021 14:04

Tgt Ion:105 Resp: 492031
Ion Ratio Lower Upper
105 100
120 44.4 36.2 54.2

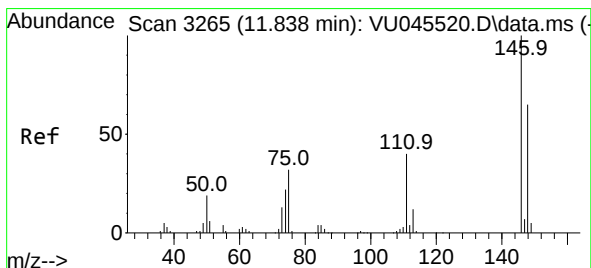
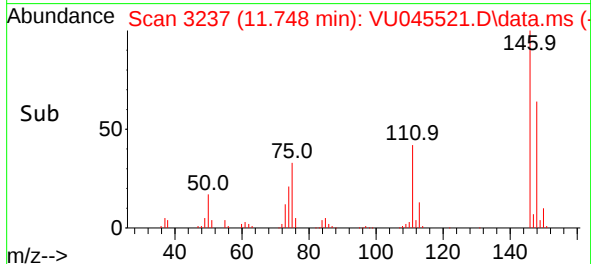
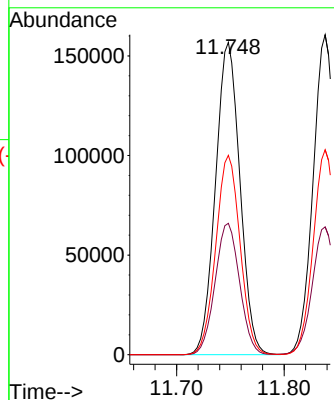
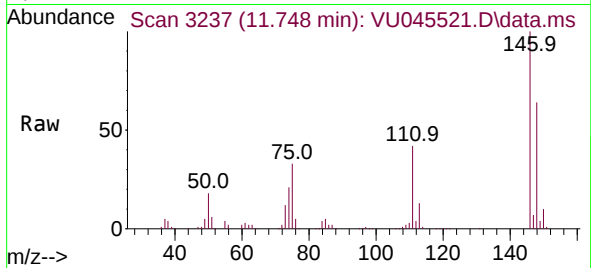




#64
1,3-Dichlorobenzene
Concen: 10.460 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU045521.D
Acq: 03 Nov 2021 14:04

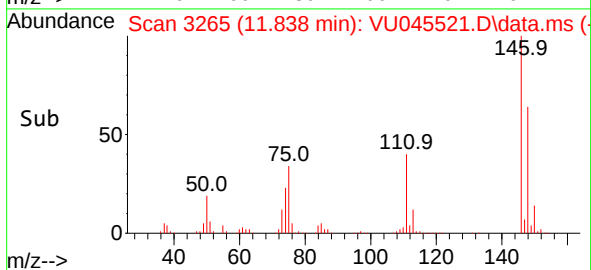
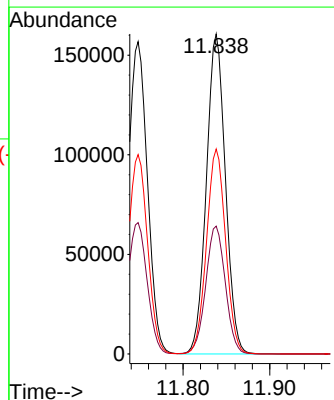
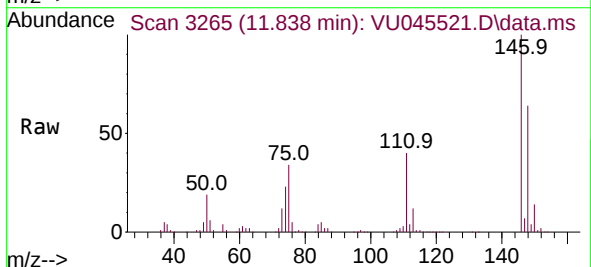
Instrument :
MSVOA_U
ClientSampleId :
VSTD010031

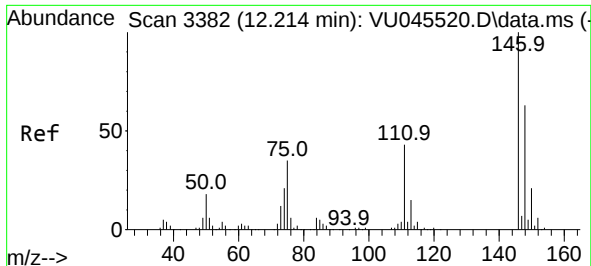
Tgt Ion:146 Resp: 247525
Ion Ratio Lower Upper
146 100
111 42.1 29.4 54.6
148 63.8 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 10.112 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU045521.D
Acq: 03 Nov 2021 14:04

Tgt Ion:146 Resp: 245651
Ion Ratio Lower Upper
146 100
111 40.0 28.3 52.5
148 64.0 45.2 84.0





#67

1,2-Dichlorobenzene

Concen: 10.577 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. -0.000 min

Lab File: VU045521.D

Acq: 03 Nov 2021 14:04

Instrument :

MSVOA_U

ClientSampleId :

VSTD010031

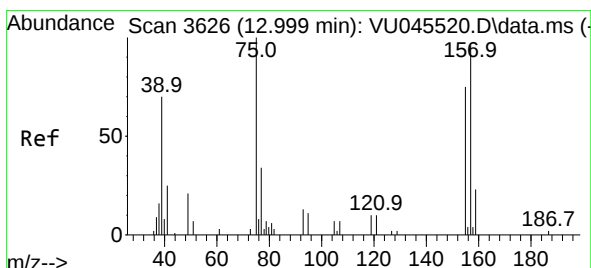
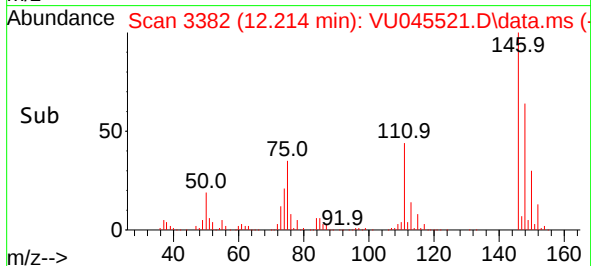
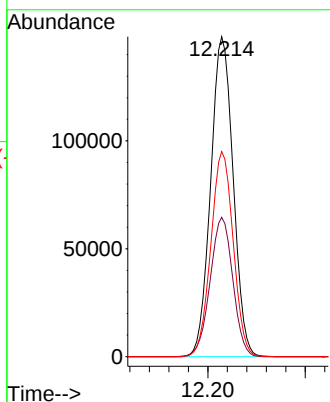
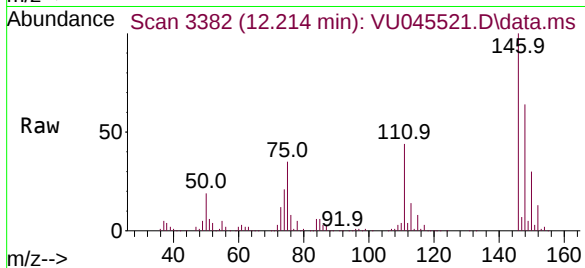
Tgt Ion:146 Resp: 237324

Ion Ratio Lower Upper

146 100

111 43.6 34.2 51.2

148 64.1 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 10.844 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU045521.D

Acq: 03 Nov 2021 14:04

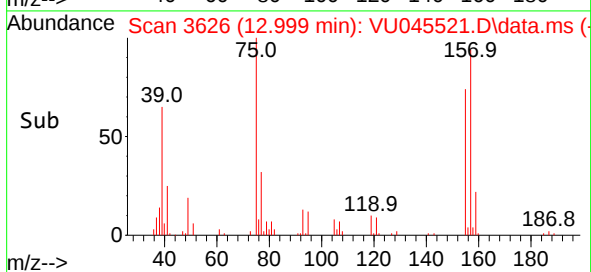
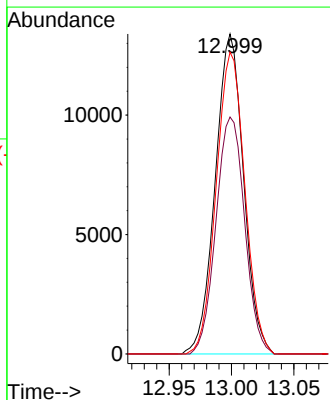
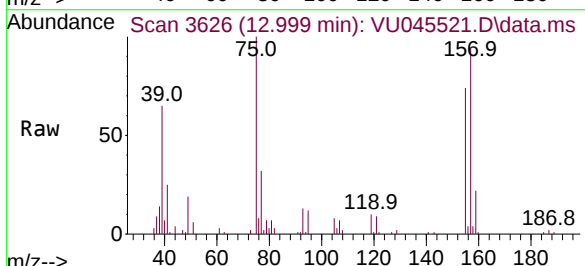
Tgt Ion: 75 Resp: 21175

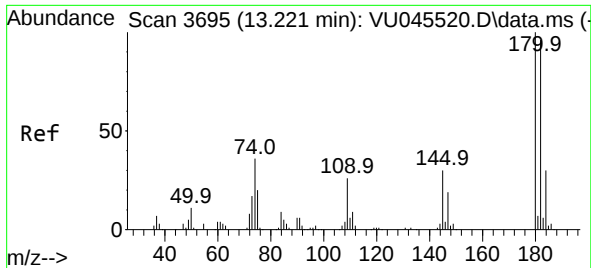
Ion Ratio Lower Upper

75 100

155 74.1 60.1 90.1

157 94.3 76.5 114.7

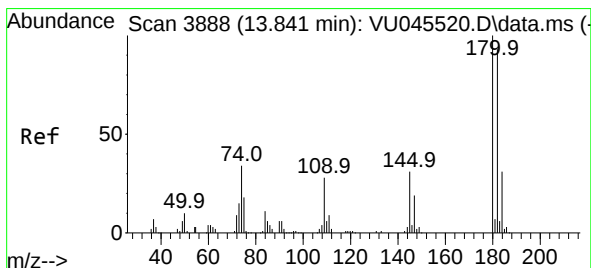
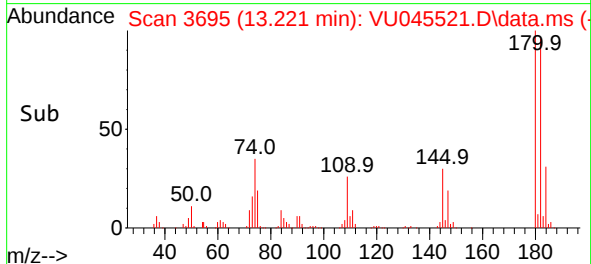
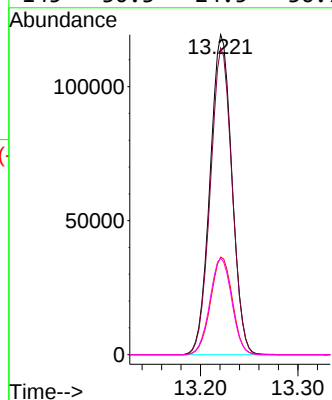
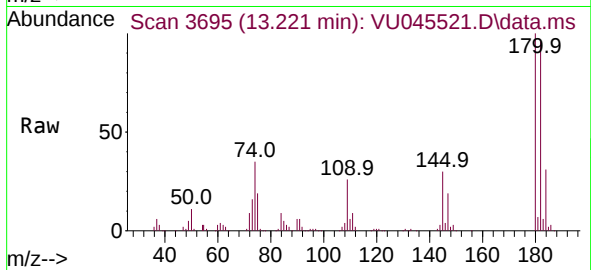




#69
 1,3,5-Trichlorobenzene
 Concen: 10.311 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU045521.D
 Acq: 03 Nov 2021 14:04

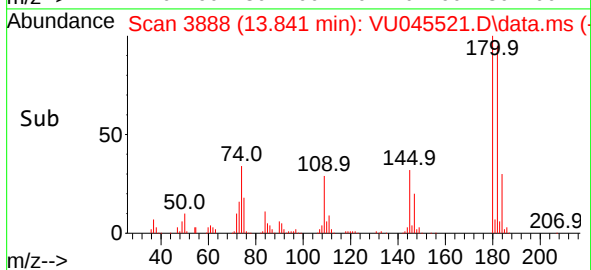
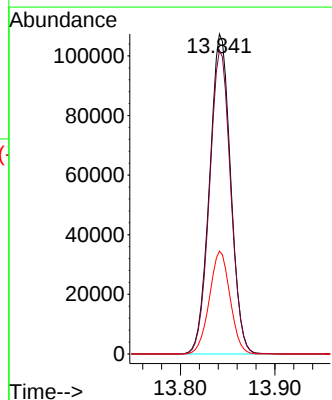
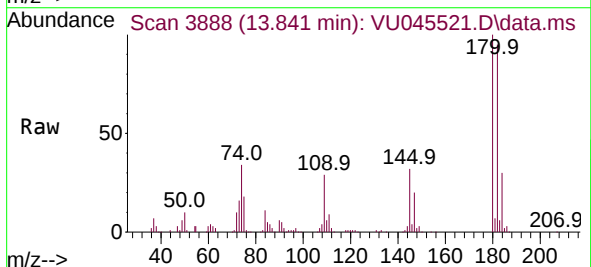
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010031

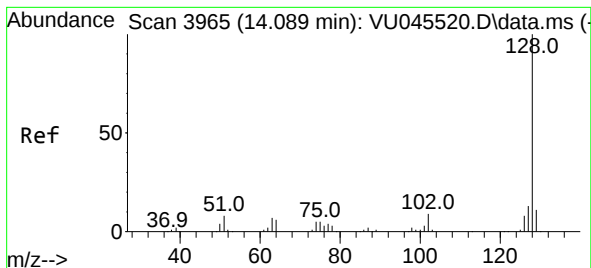
Tgt Ion:180 Resp: 186083
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.2 114.2
 184 30.4 23.9 35.9
 145 30.3 24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 10.811 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU045521.D
 Acq: 03 Nov 2021 14:04

Tgt Ion:180 Resp: 166061
 Ion Ratio Lower Upper
 180 100
 182 95.1 75.5 113.3
 145 31.5 25.3 37.9





#71

Naphthalene

Concen: 11.960 ug/L

RT: 14.089 min Scan# 3965

Delta R.T. -0.000 min

Lab File: VU045521.D

Acq: 03 Nov 2021 14:04

Instrument :

MSVOA_U

ClientSampleId :

VSTD010031

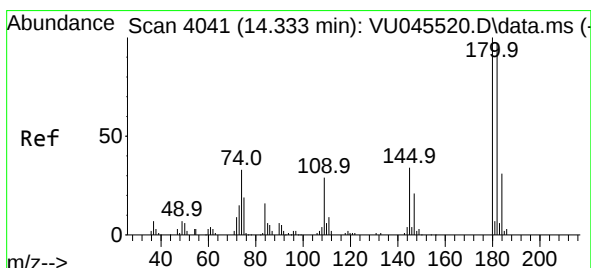
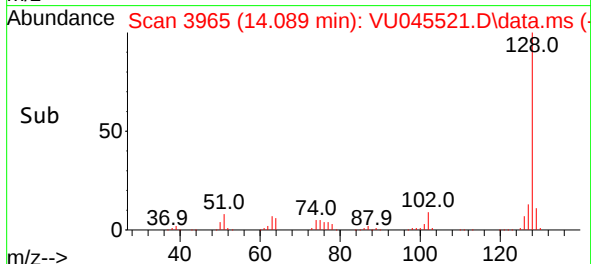
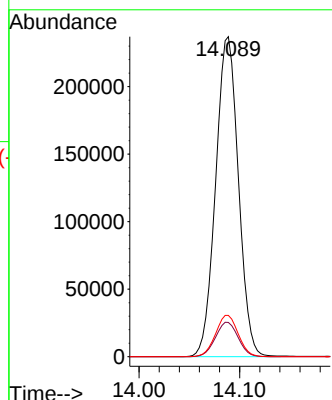
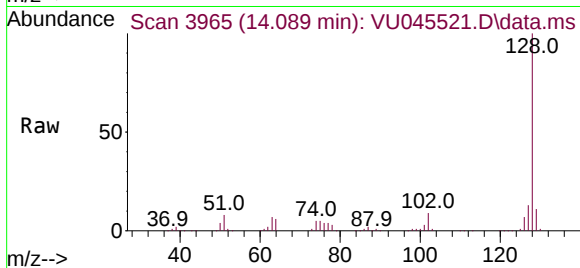
Tgt Ion:128 Resp: 372798

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 12.9 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 11.108 ug/L

RT: 14.333 min Scan# 4041

Delta R.T. -0.000 min

Lab File: VU045521.D

Acq: 03 Nov 2021 14:04

Tgt Ion:180 Resp: 157682

Ion Ratio Lower Upper

180 100

182 94.2 77.0 115.4

145 33.1 27.4 41.2

