

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121421\
 Data File : VU046385.D
 Acq On : 15 Dec 2021 02:16
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050143

Quant Time: Dec 15 03:48:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 15 03:40:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	149965	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	155277	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	86483	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	53256	43.111	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.220%
7) Chloroethane-d5	1.919	69	39948	42.118	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.240%
11) 1,1-Dichloroethene-d2	2.575	63	92953	41.915	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.840%
21) 2-Butanone-d5	4.639	46	84352	85.895	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.900%
24) Chloroform-d	5.067	84	101233	49.072	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.140%
26) 1,2-Dichloroethane-d4	5.704	65	64754	46.772	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.540%
32) Benzene-d6	5.733	84	190611	42.829	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.660%
36) 1,2-Dichloropropane-d6	6.694	67	59038	42.803	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.600%
41) Toluene-d8	7.900	98	171689	42.370	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.740%
43) trans-1,3-Dichloroprop...	8.179	79	28014	42.074	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.140%
47) 2-Hexanone-d5	8.633	63	63987	97.844	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.840%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	93919	44.900	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	67974	40.813	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.389	85	66192	40.569	ug/L	99
3) Chloromethane	1.527	50	56601	38.785	ug/L	99
5) Vinyl chloride	1.611	62	61409	41.733	ug/L	99
6) Bromomethane	1.865	94	33003	39.571	ug/L	100
8) Chloroethane	1.942	64	36856	43.259	ug/L	100
9) Trichlorofluoromethane	2.144	101	94643	49.265	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	53198	48.752	ug/L	98
12) 1,1-Dichloroethene	2.588	96	46977	45.304	ug/L	93
13) Acetone	2.659	43	65576	53.430	ug/L	97
14) Carbon disulfide	2.800	76	108392	33.693	ug/L	99
15) Methyl Acetate	2.958	43	66165	46.245	ug/L	98
16) Methylene chloride	3.054	84	59552	48.271	ug/L	99
17) trans-1,2-Dichloroethene	3.360	96	50664	46.170	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	180213	53.289	ug/L	99
19) 1,1-Dichloroethane	3.877	63	104176	52.213	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	60922	51.166	ug/L	99
22) 2-Butanone	4.720	43	102251	76.532	ug/L	96
23) Bromochloromethane	4.980	128	31348	52.128	ug/L	92
25) Chloroform	5.093	83	113222	51.074	ug/L	99

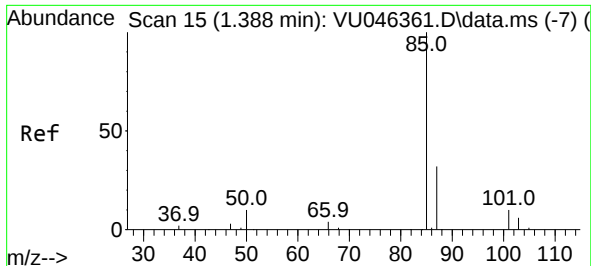
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121421\
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 Quant Title : VOC Analysis
 QLast Update : Wed Dec 15 03:40:56 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	88222	53.630	ug/L	97
29) Cyclohexane	5.395	56	73678	40.749	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	96087	50.412	ug/L	99
31) Carbon tetrachloride	5.530	117	79990	49.433	ug/L	98
33) Benzene	5.778	78	227916	48.496	ug/L	100
34) Trichloroethene	6.546	95	58703	47.414	ug/L	97
35) Methylcyclohexane	6.765	83	79507	41.416	ug/L	100
37) 1,2-Dichloropropane	6.794	63	62569	50.823	ug/L	100
38) Bromodichloromethane	7.109	83	85334	52.149	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	90993	48.585	ug/L	98
40) 4-Methyl-2-pentanone	7.794	43	182454	100.871	ug/L	99
42) Toluene	7.970	91	245253	48.634	ug/L	99
44) trans-1,3-Dichloropropene	8.212	75	88979	48.372	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	63161	51.138	ug/L	99
46) Tetrachloroethene	8.556	164	42767	47.005	ug/L	97
48) 2-Hexanone	8.684	43	148505	91.803	ug/L	99
49) Dibromochloromethane	8.810	129	66883	51.567	ug/L	97
50) 1,2-Dibromoethane	8.925	107	65030	48.563	ug/L	99
51) Chlorobenzene	9.446	112	159828	48.990	ug/L	99
52) Ethylbenzene	9.572	91	269800	49.713	ug/L	99
53) m,p-Xylene	9.694	106	105677	49.930	ug/L	99
54) o-xylene	10.102	106	102607	49.961	ug/L	99
55) Styrene	10.115	104	183380	52.300	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	112460	53.109	ug/L	99
59) Bromoform	10.292	173	49740	49.027	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	92765	48.932	ug/L	98
61) Isopropylbenzene	10.485	105	273730	48.646	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	234965	50.098	ug/L	100
63) 1,2,4-Trimethylbenzene	11.469	105	240716	51.299	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	127932	47.863	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	131999	47.784	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	131188	48.739	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	27987	55.416	ug/L	96
69) 1,3,5-Trichlorobenzene	13.218	180	93451	47.984	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	87098	50.397	ug/L	99
71) Naphthalene	14.086	128	335174	55.732	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	91794	52.086	ug/L	98

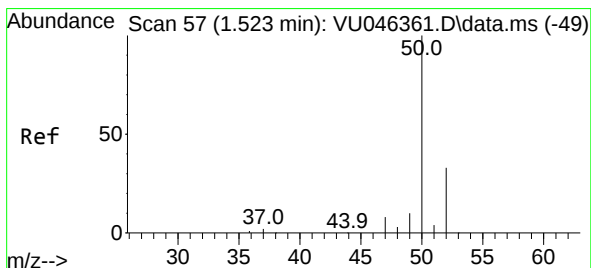
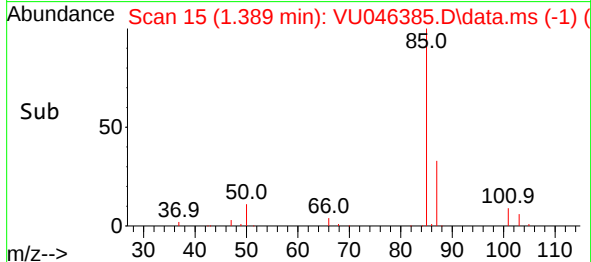
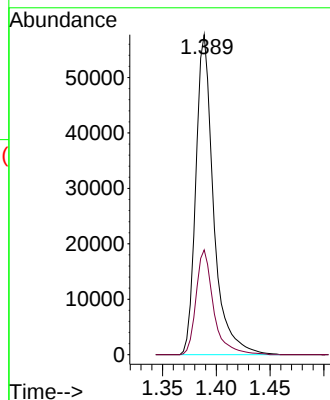
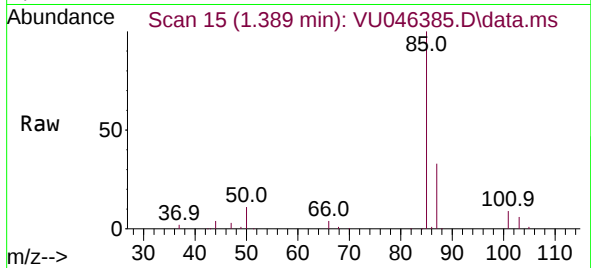
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 40.569 ug/L
RT: 1.389 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

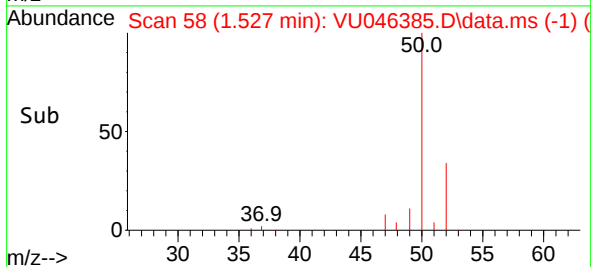
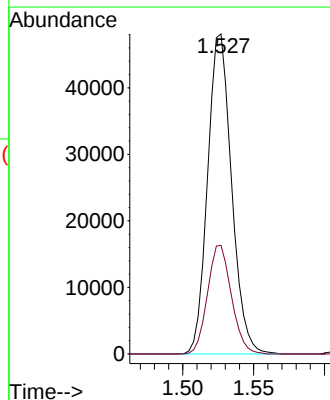
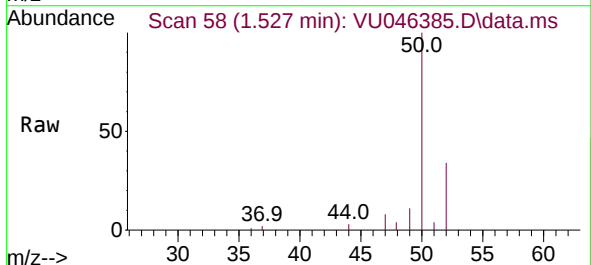
Instrument :
MSVOA_U
ClientSampleId :
VSTD050143

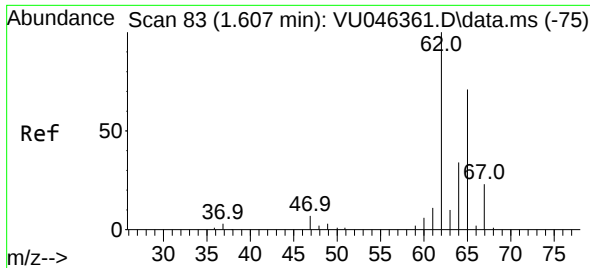
Tgt Ion: 85 Resp: 66192
Ion Ratio Lower Upper
85 100
87 32.4 25.7 38.5



#3
Chloromethane
Concen: 38.785 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.004 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

Tgt Ion: 50 Resp: 56601
Ion Ratio Lower Upper
50 100
52 34.0 23.2 43.2

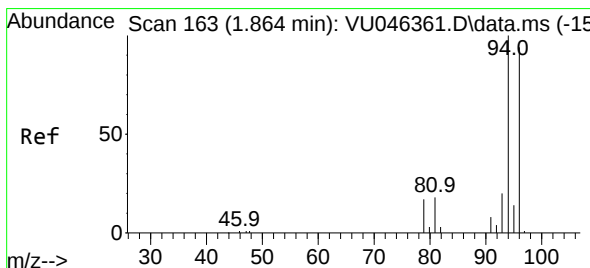
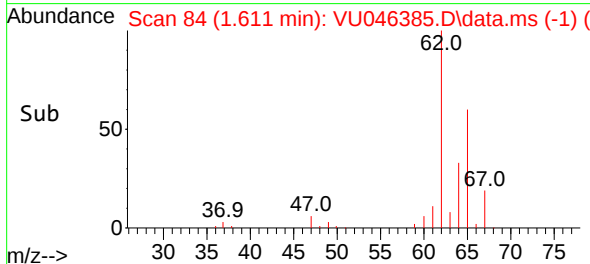
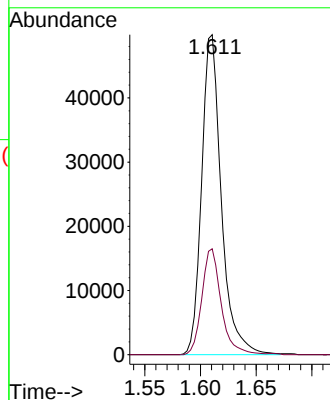
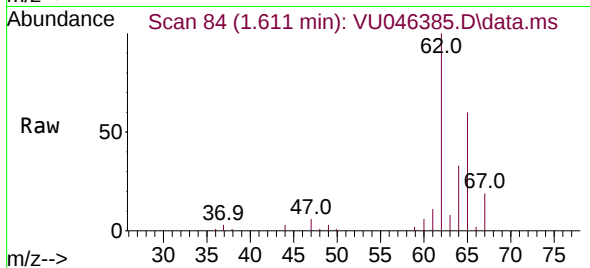




#5
 Vinyl chloride
 Concen: 41.733 ug/L
 RT: 1.611 min Scan# 84
 Delta R.T. 0.004 min
 Lab File: VU046385.D
 Acq: 15 Dec 2021 02:16

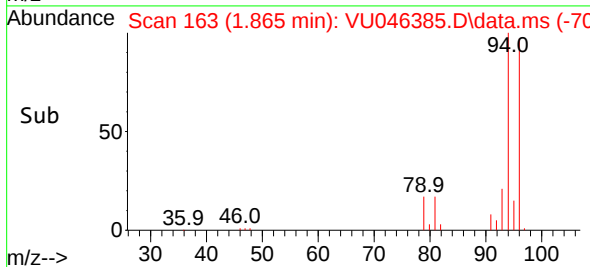
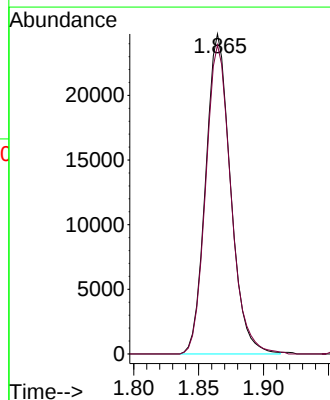
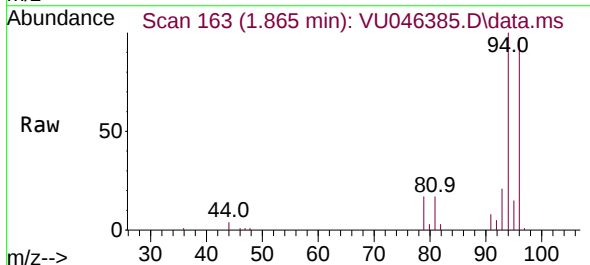
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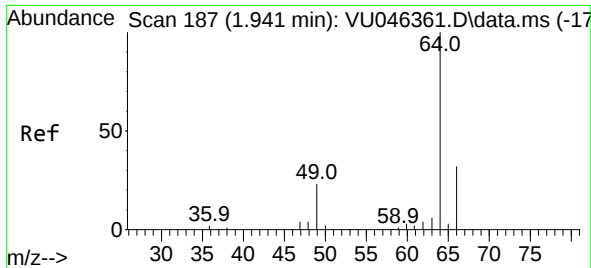
Tgt Ion: 62 Resp: 61409
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.9 42.5



#6
 Bromomethane
 Concen: 39.571 ug/L
 RT: 1.865 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU046385.D
 Acq: 15 Dec 2021 02:16

Tgt Ion: 94 Resp: 33003
 Ion Ratio Lower Upper
 94 100
 96 96.6 67.4 125.2

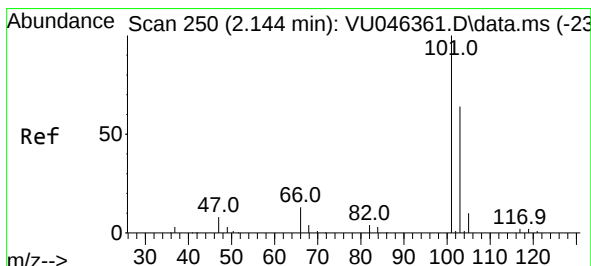
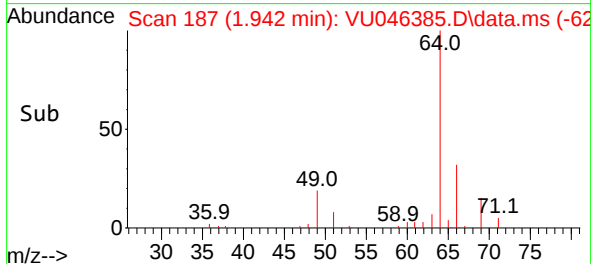
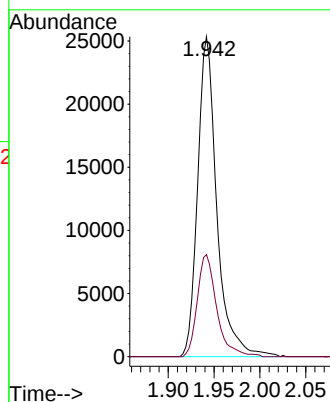
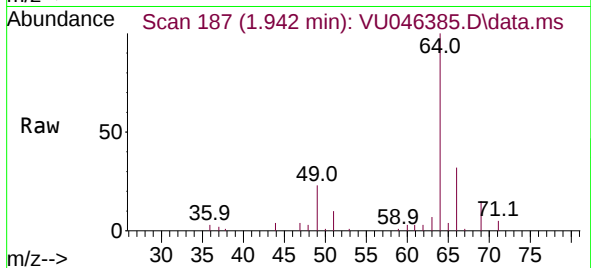




#8
Chloroethane
Concen: 43.259 ug/L
RT: 1.942 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

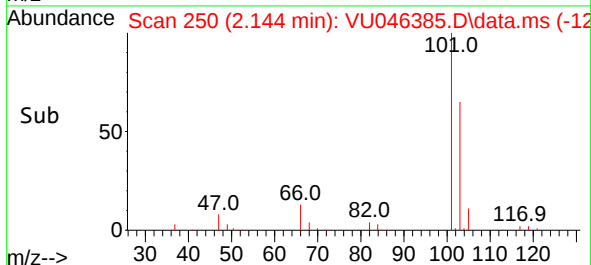
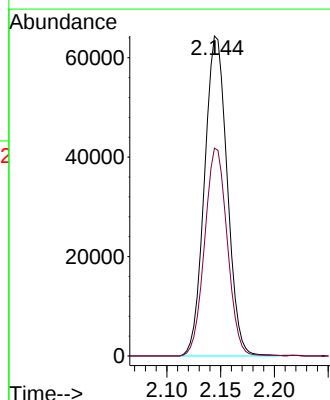
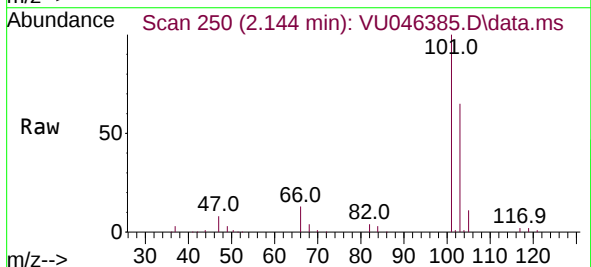
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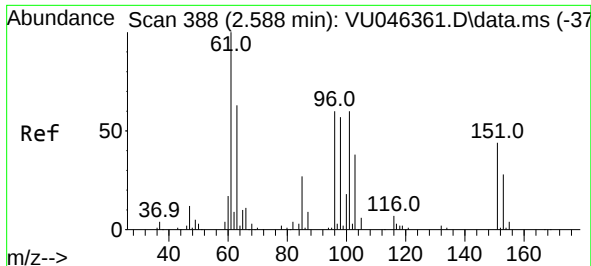
Tgt Ion: 64 Resp: 36856
Ion Ratio Lower Upper
64 100
66 31.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 49.265 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

Tgt Ion:101 Resp: 94643
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.6

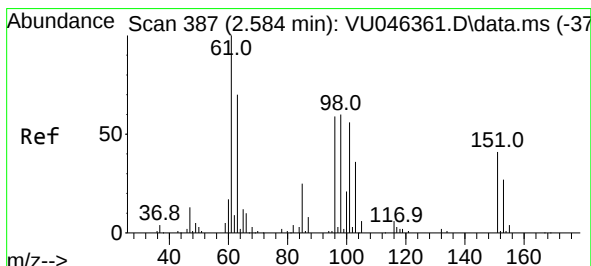
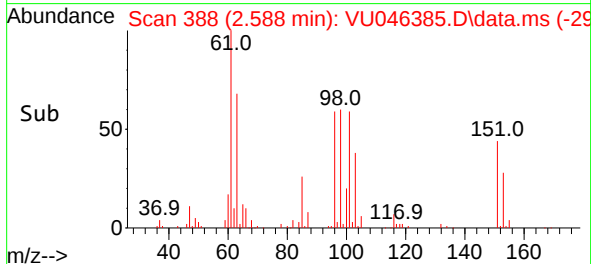
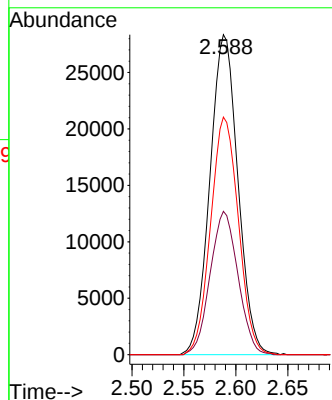
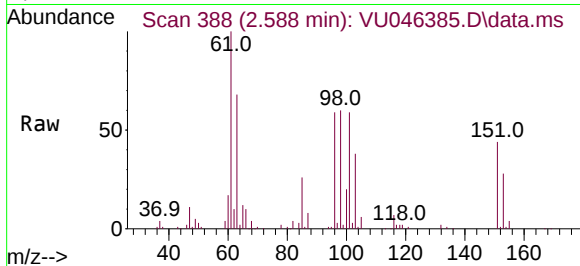




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.752 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

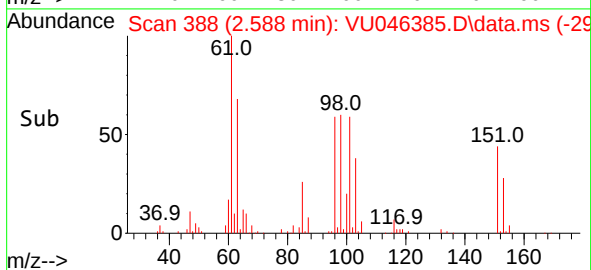
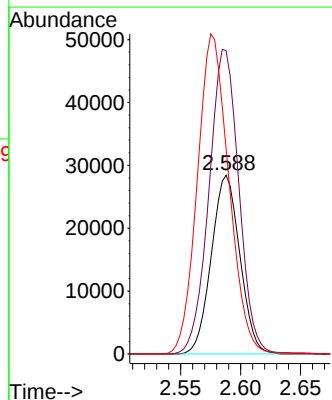
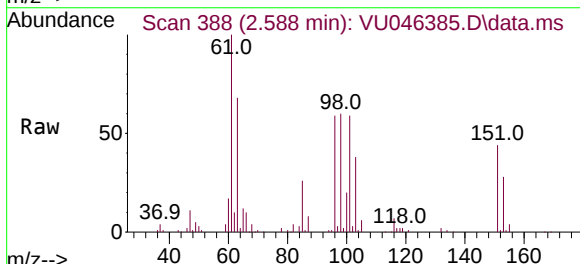
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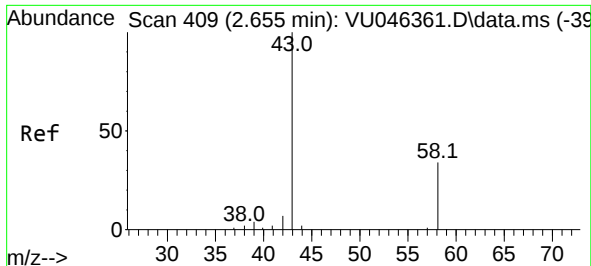
Tgt Ion:101 Resp: 53198
Ion Ratio Lower Upper
101 100
85 44.4 35.1 52.7
151 73.6 56.7 85.1



#12
1,1-Dichloroethene
Concen: 45.304 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.004 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

Tgt Ion: 96 Resp: 46977
Ion Ratio Lower Upper
96 100
61 169.7 118.6 220.2
63 114.7 93.0 172.8





#13

Acetone

Concen: 53.430 ug/L

RT: 2.659 min Scan# 410

Delta R.T. 0.004 min

Lab File: VU046385.D

Acq: 15 Dec 2021 02:16

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MSVOA_U

ClientSampleId :

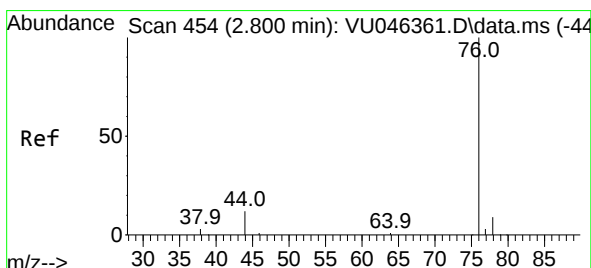
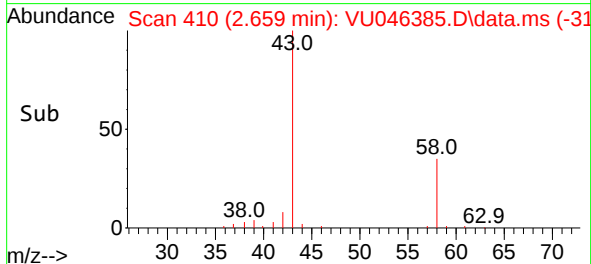
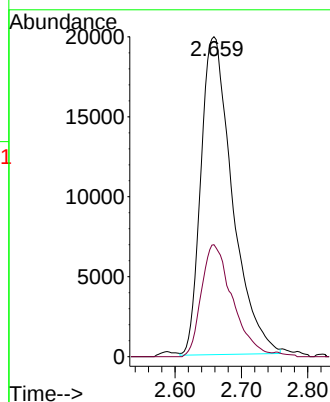
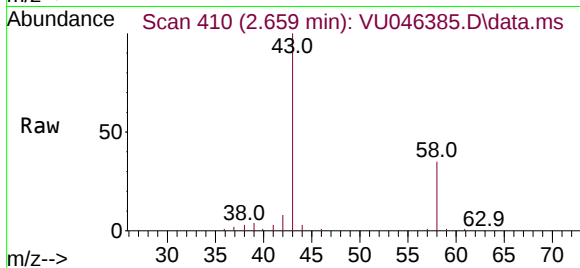
VSTD050143

Tgt Ion: 43 Resp: 65576

Ion Ratio Lower Upper

43 100

58 34.9 0.0 66.8



#14

Carbon disulfide

Concen: 33.693 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU046385.D

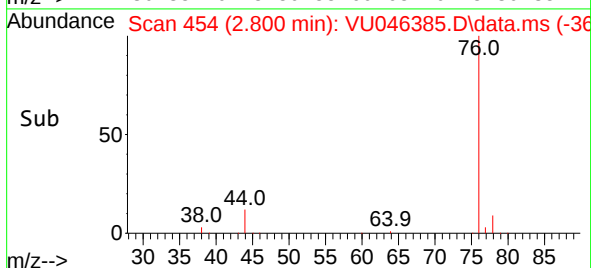
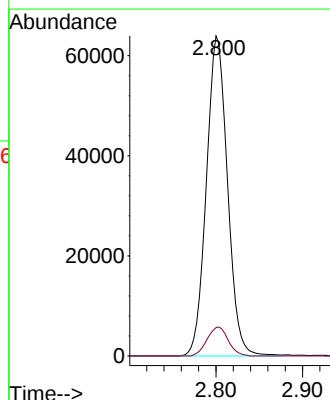
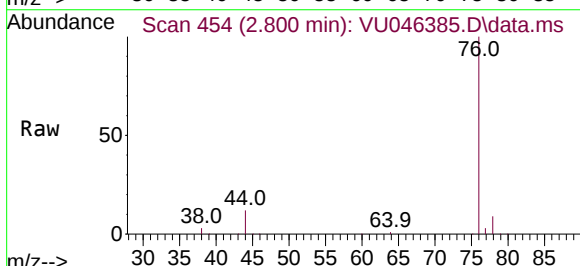
Acq: 15 Dec 2021 02:16

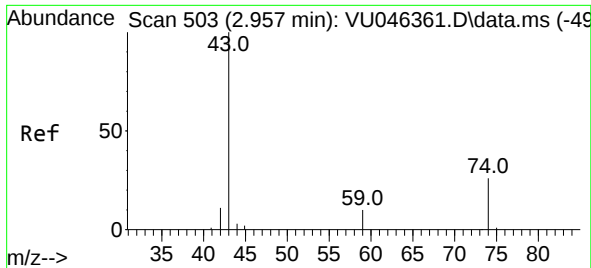
Tgt Ion: 76 Resp: 108392

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

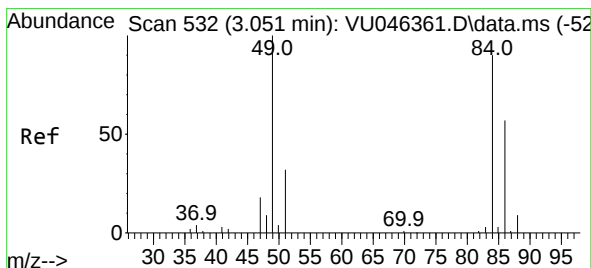
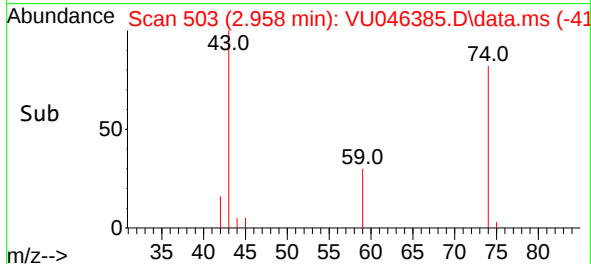
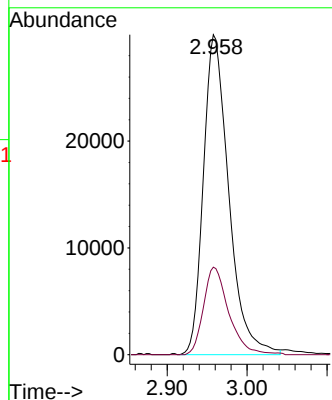
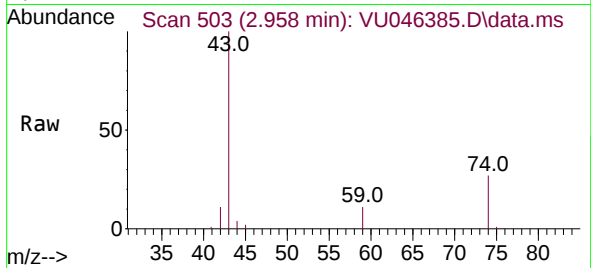




#15
Methyl Acetate
Concen: 46.245 ug/L
RT: 2.958 min Scan# 503
Delta R.T. 0.000 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

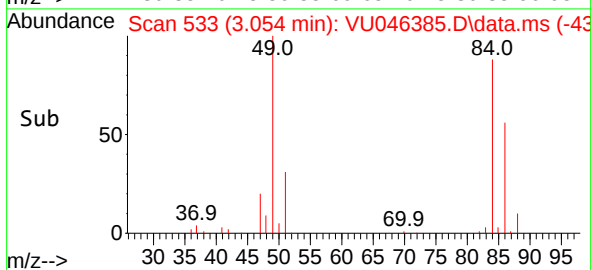
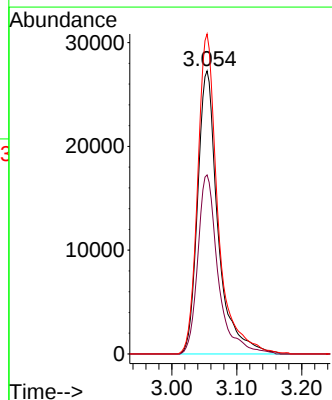
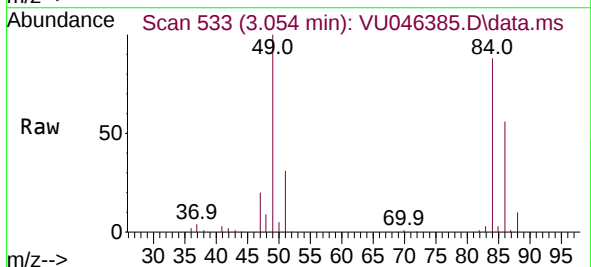
Instrument :
MSVOA_U
ClientSampleId :
VSTD050143

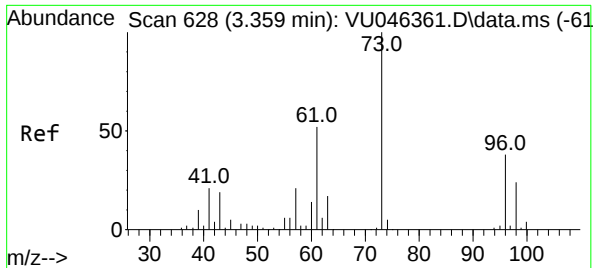
Tgt Ion: 43 Resp: 66165
Ion Ratio Lower Upper
43 100
74 27.1 20.8 31.2



#16
Methylene chloride
Concen: 48.271 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.004 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

Tgt Ion: 84 Resp: 59552
Ion Ratio Lower Upper
84 100
86 63.2 44.7 83.1
49 113.1 78.4 145.6





#17

trans-1,2-Dichloroethene

Concen: 46.170 ug/L

RT: 3.360 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU046385.D

Acq: 15 Dec 2021 02:16

Instrument :

MSVOA_U

ClientSampleId :

VSTD050143

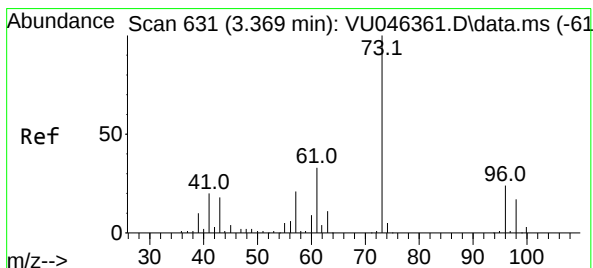
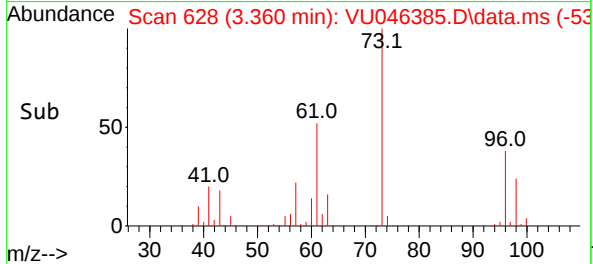
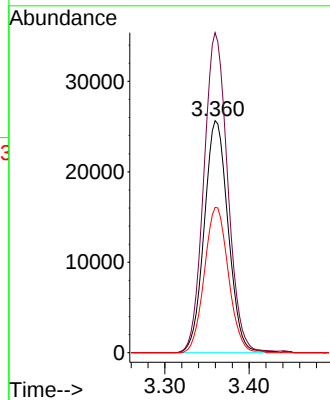
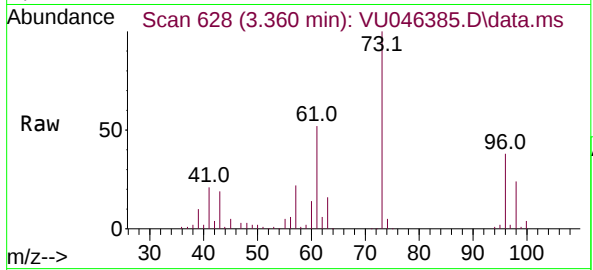
Tgt Ion: 96 Resp: 50664

Ion Ratio Lower Upper

96 100

61 138.0 94.6 175.6

98 62.6 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 53.289 ug/L

RT: 3.366 min Scan# 630

Delta R.T. -0.003 min

Lab File: VU046385.D

Acq: 15 Dec 2021 02:16

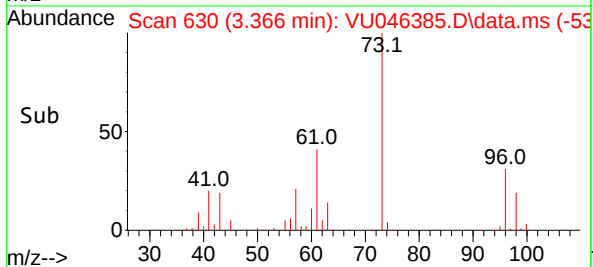
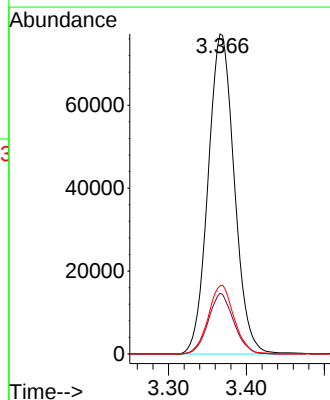
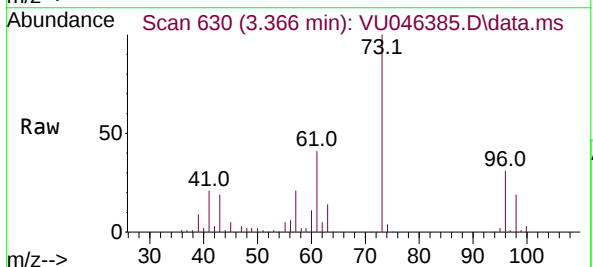
Tgt Ion: 73 Resp: 180213

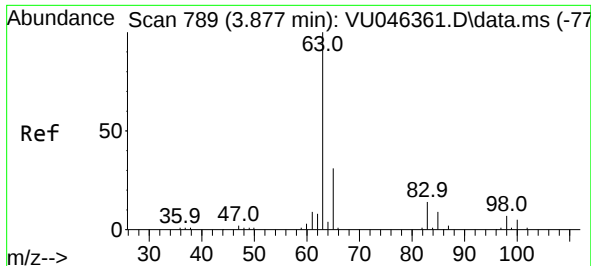
Ion Ratio Lower Upper

73 100

43 18.4 14.0 21.0

57 21.2 17.0 25.4





#19

1,1-Dichloroethane

Concen: 52.213 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

Lab File: VU046385.D

Acq: 15 Dec 2021 02:16

Instrument :

MSVOA_U

ClientSampleId :

VSTD050143

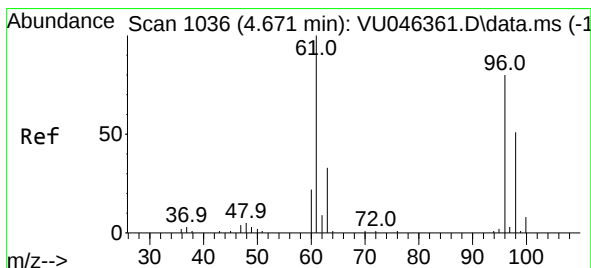
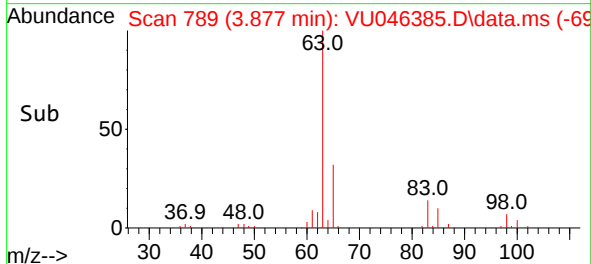
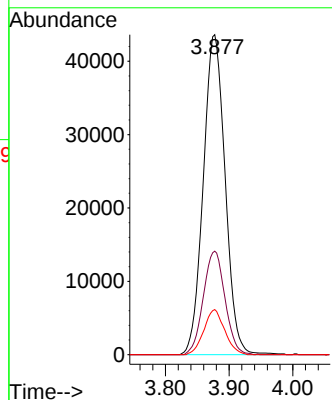
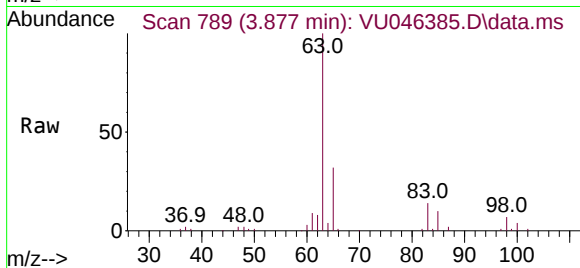
Tgt Ion: 63 Resp: 104176

Ion Ratio Lower Upper

63 100

65 32.3 22.8 42.4

83 14.1 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 51.166 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU046385.D

Acq: 15 Dec 2021 02:16

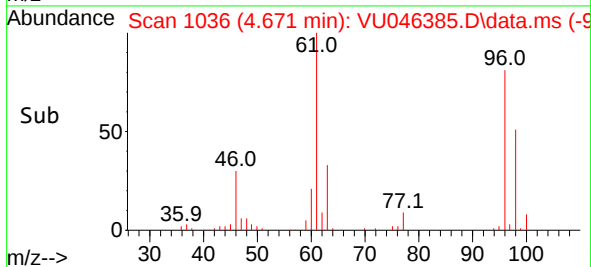
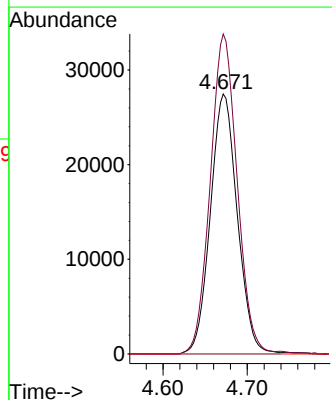
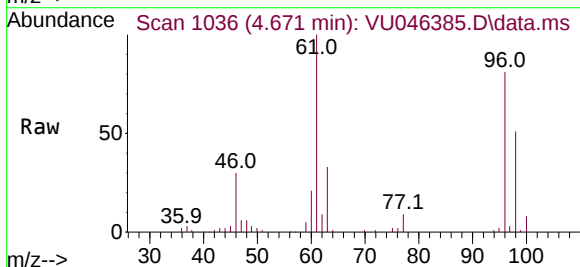
Tgt Ion: 96 Resp: 60922

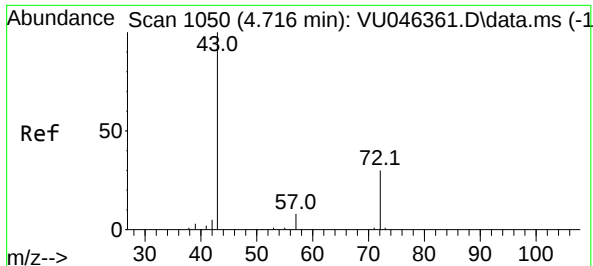
Ion Ratio Lower Upper

96 100

61 123.1 86.8 161.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 76.532 ug/L

RT: 4.720 min Scan# 1051

Delta R.T. 0.004 min

Lab File: VU046385.D

Acq: 15 Dec 2021 02:16

Instrument :

MSVOA_U

ClientSampleId :

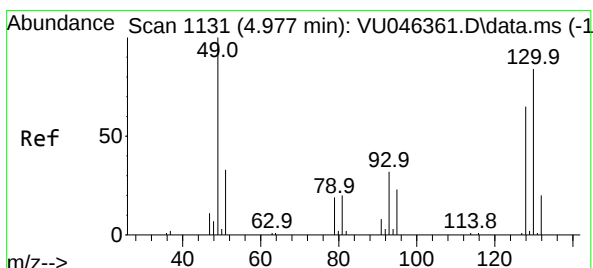
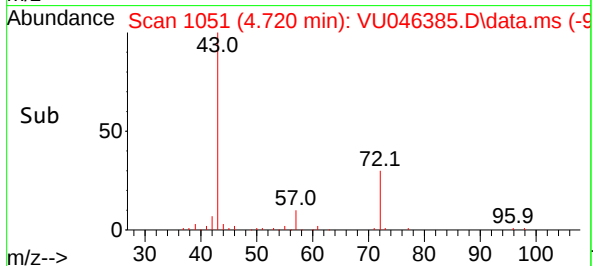
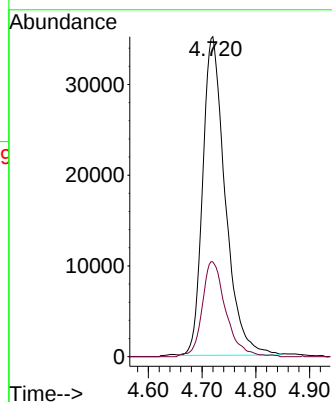
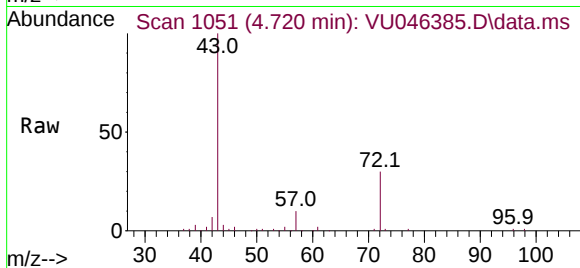
VSTD050143

Tgt Ion: 43 Resp: 102251

Ion Ratio Lower Upper

43 100

72 31.0 14.5 43.6



#23

Bromochloromethane

Concen: 52.128 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.004 min

Lab File: VU046385.D

Acq: 15 Dec 2021 02:16

Tgt Ion: 128 Resp: 31348

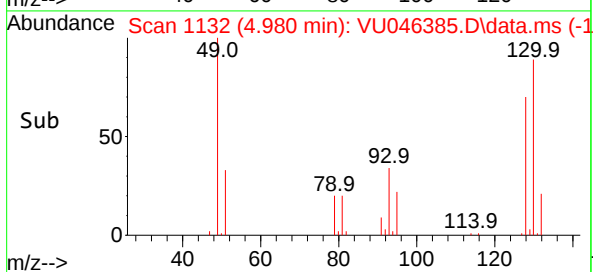
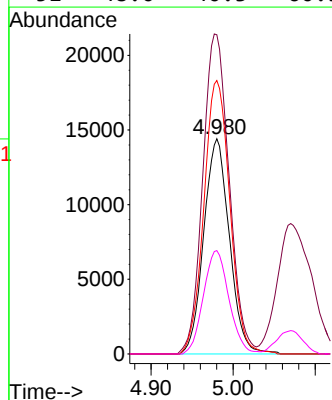
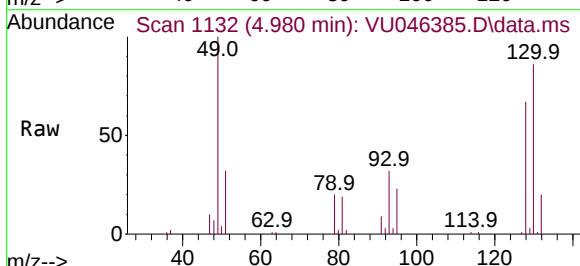
Ion Ratio Lower Upper

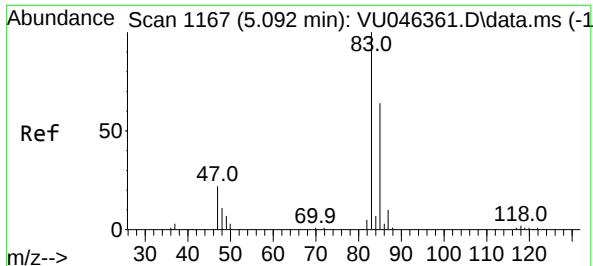
128 100

49 148.4 115.9 215.3

130 127.1 91.8 170.4

51 48.0 40.3 60.5





#25

Chloroform

Concen: 51.074 ug/L

RT: 5.093 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046385.D

Acq: 15 Dec 2021 02:16

Instrument :

MSVOA_U

ClientSampleId :

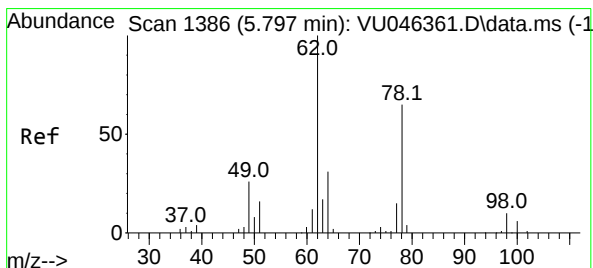
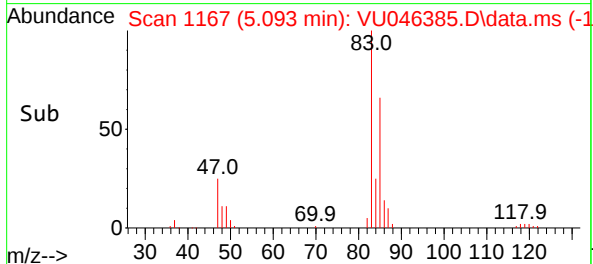
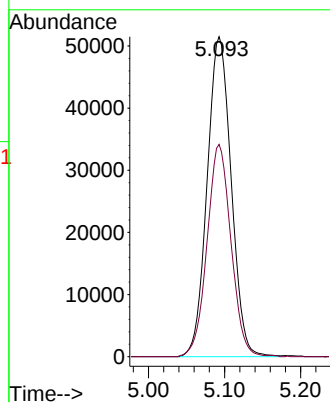
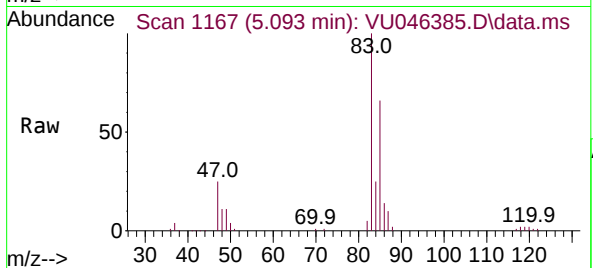
VSTD050143

Tgt Ion: 83 Resp: 113222

Ion Ratio Lower Upper

83 100

85 66.4 45.8 85.2



#27

1,2-Dichloroethane

Concen: 53.630 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU046385.D

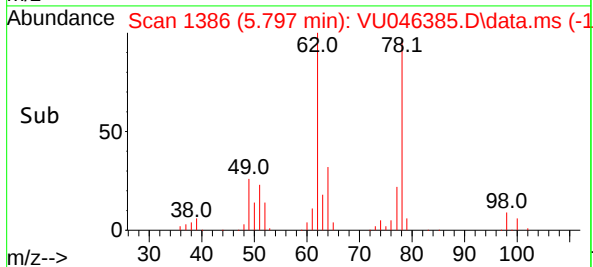
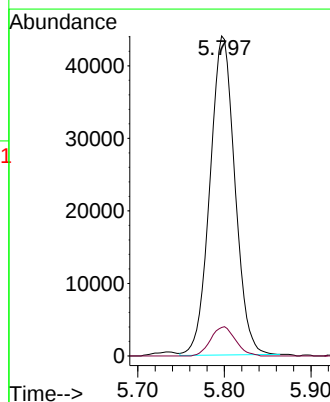
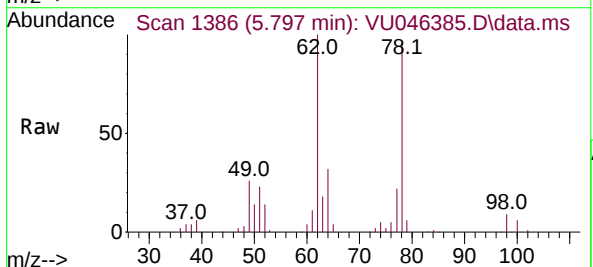
Acq: 15 Dec 2021 02:16

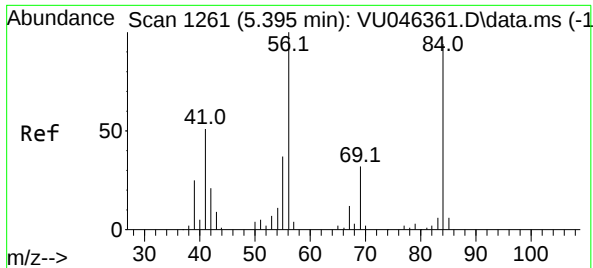
Tgt Ion: 62 Resp: 88222

Ion Ratio Lower Upper

62 100

98 8.9 7.9 11.9





#29

Cyclohexane

Concen: 40.749 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU046385.D

Acq: 15 Dec 2021 02:16

Instrument :

MSVOA_U

ClientSampleId :

VSTD050143

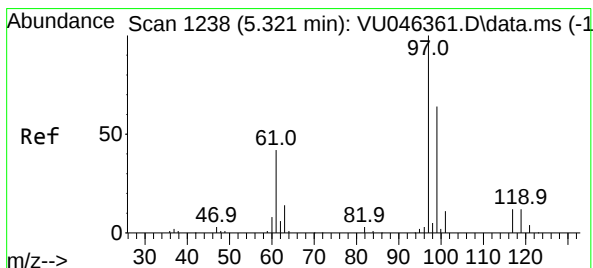
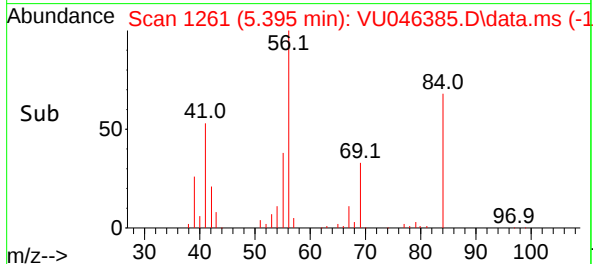
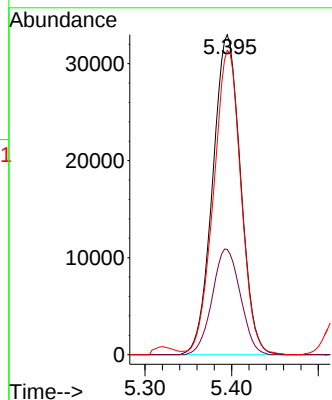
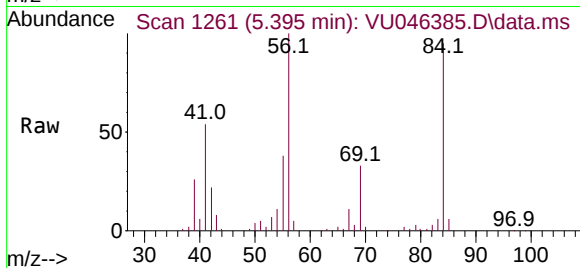
Tgt Ion: 56 Resp: 73678

Ion Ratio Lower Upper

56 100

69 33.3 25.2 37.8

84 93.8 73.3 109.9



#30

1,1,1-Trichloroethane

Concen: 50.412 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU046385.D

Acq: 15 Dec 2021 02:16

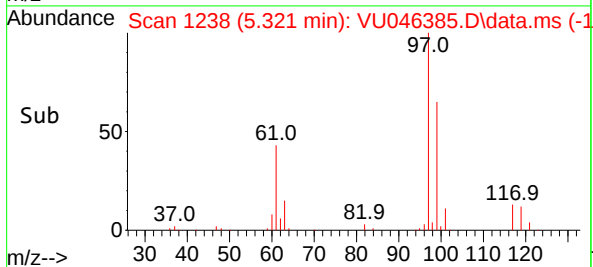
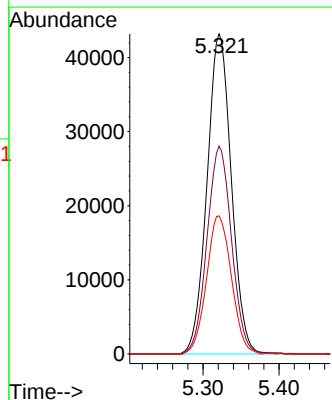
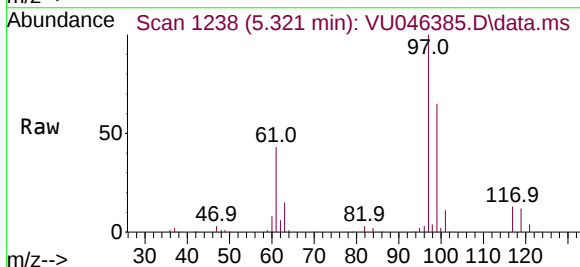
Tgt Ion: 97 Resp: 96087

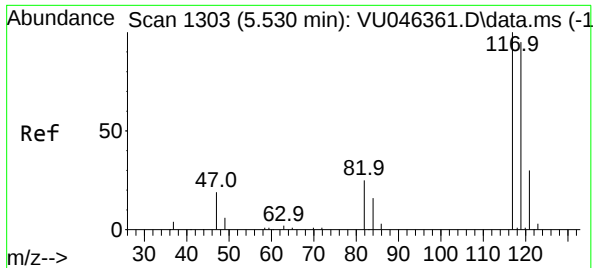
Ion Ratio Lower Upper

97 100

99 65.4 51.8 77.6

61 44.0 34.4 51.6

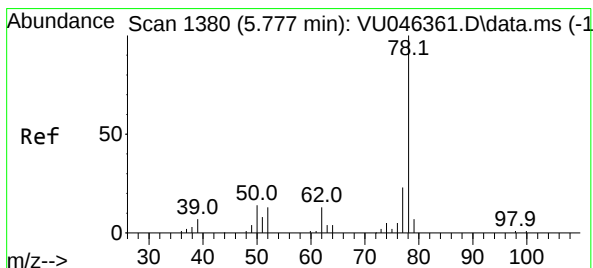
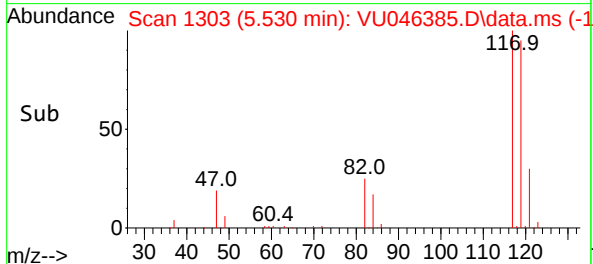
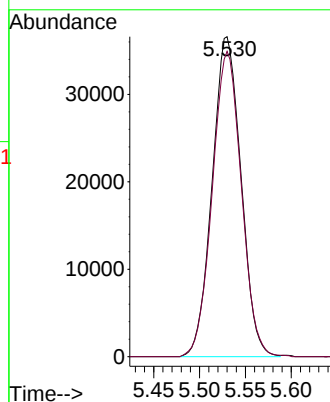
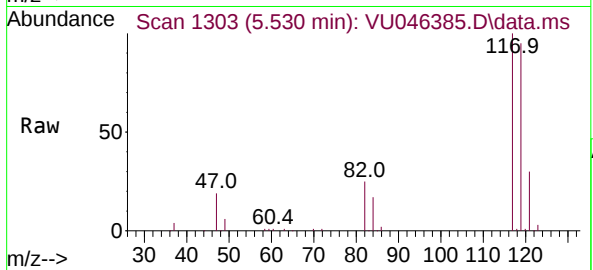




#31
Carbon tetrachloride
Concen: 49.433 ug/L
RT: 5.530 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

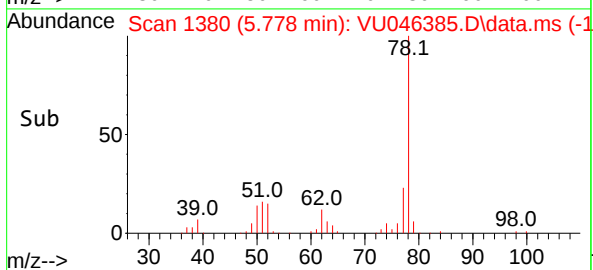
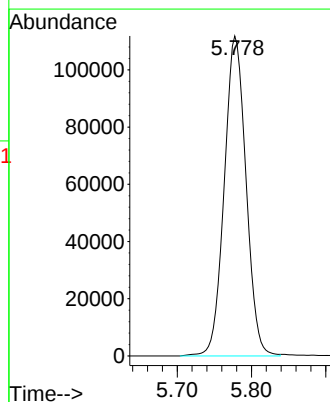
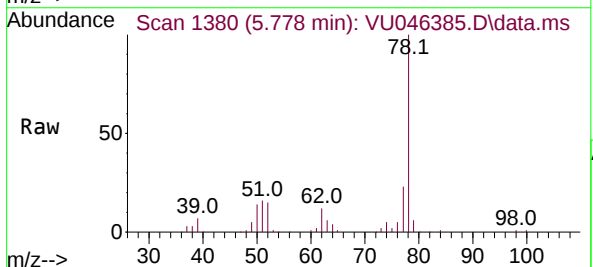
Instrument :
MSVOA_U
ClientSampleId :
VSTD050143

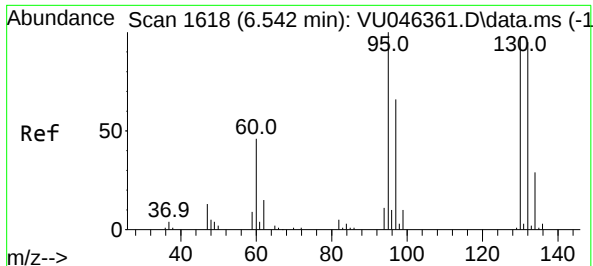
Tgt Ion:117 Resp: 79990
Ion Ratio Lower Upper
117 100
119 96.2 75.7 113.5



#33
Benzene
Concen: 48.496 ug/L
RT: 5.778 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

Tgt Ion: 78 Resp: 227916

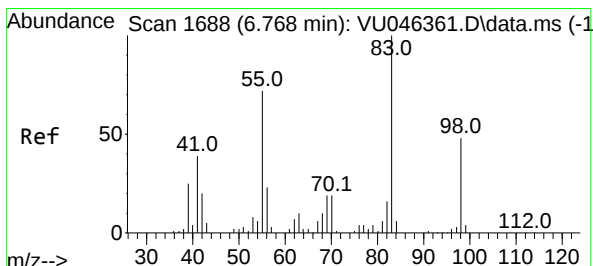
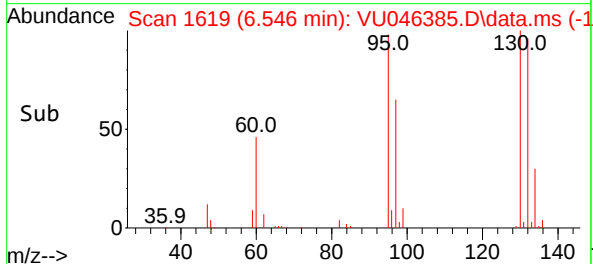
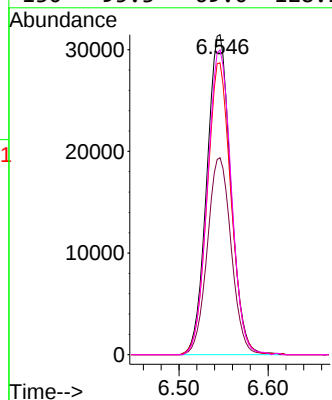
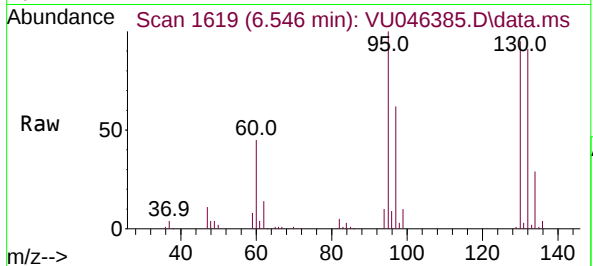




#34
Trichloroethene
Concen: 47.414 ug/L
RT: 6.546 min Scan# 1618
Delta R.T. 0.004 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

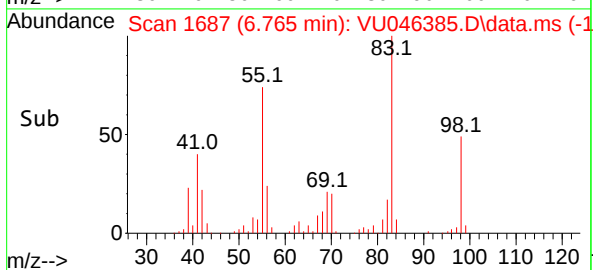
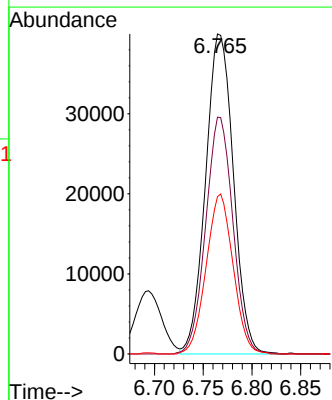
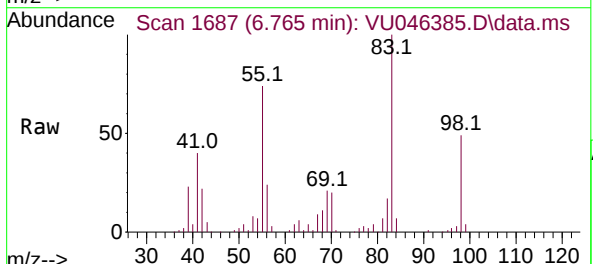
Instrument :
MSVOA_U
ClientSampleId :
VSTD050143

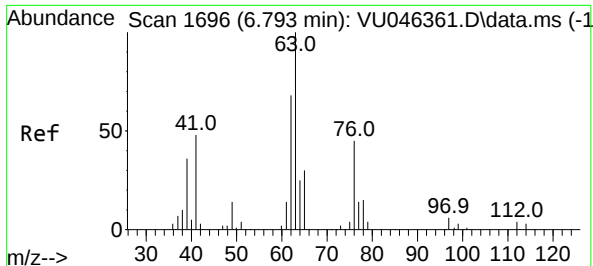
Tgt Ion: 95 Resp: 58703
Ion Ratio Lower Upper
95 100
97 61.6 44.1 81.9
132 91.2 66.8 124.0
130 95.3 69.0 128.1



#35
Methylcyclohexane
Concen: 41.416 ug/L
RT: 6.765 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

Tgt Ion: 83 Resp: 79507
Ion Ratio Lower Upper
83 100
55 72.4 57.8 86.6
98 48.3 38.4 57.6





#37

1,2-Dichloropropane

Concen: 50.823 ug/L

RT: 6.794 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU046385.D

Acq: 15 Dec 2021 02:16

Instrument :

MSVOA_U

ClientSampleId :

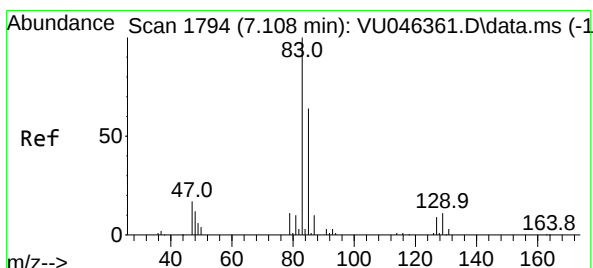
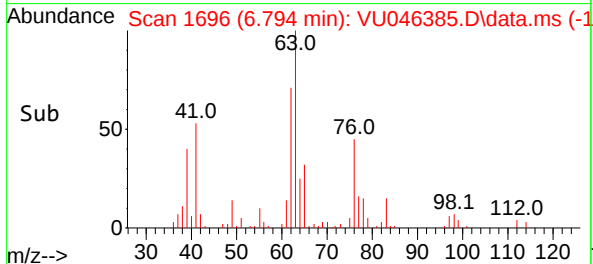
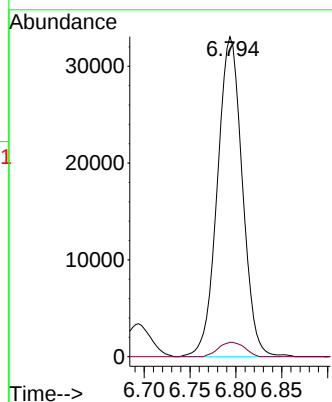
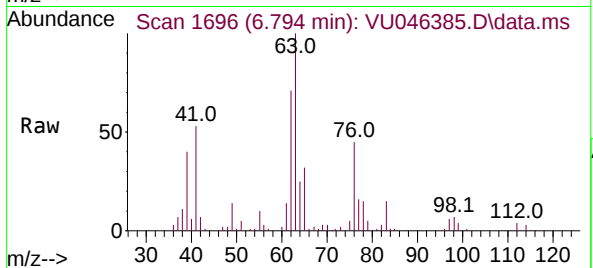
VSTD050143

Tgt Ion: 63 Resp: 62569

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 52.149 ug/L

RT: 7.109 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU046385.D

Acq: 15 Dec 2021 02:16

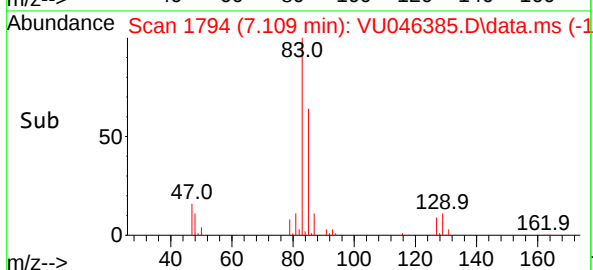
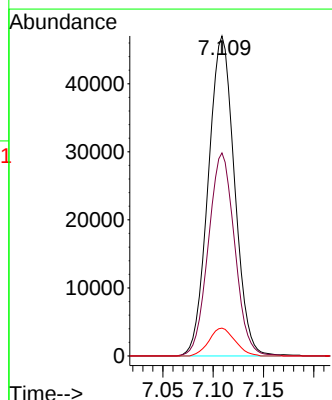
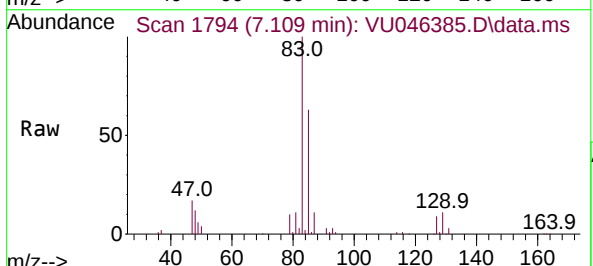
Tgt Ion: 83 Resp: 85334

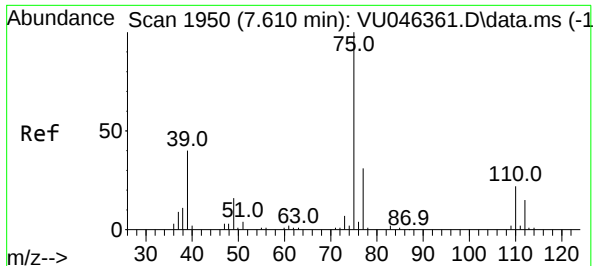
Ion Ratio Lower Upper

83 100

85 63.5 44.4 82.5

127 8.7 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 48.585 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU046385.D

Acq: 15 Dec 2021 02:16

Instrument :

MSVOA_U

ClientSampleId :

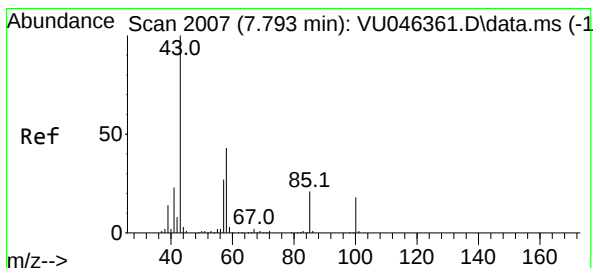
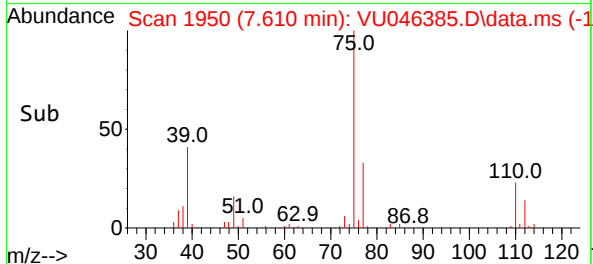
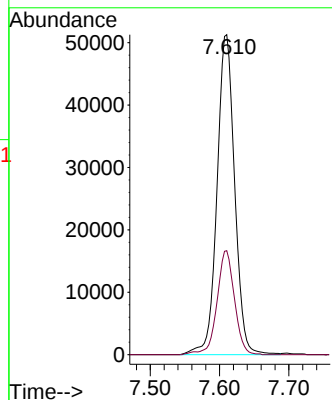
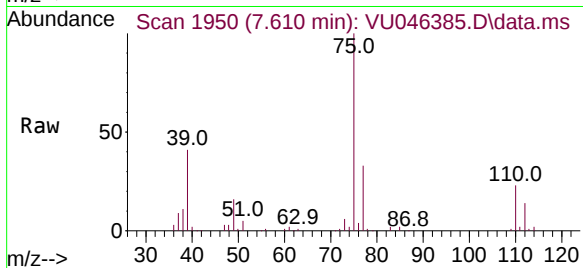
VSTD050143

Tgt Ion: 75 Resp: 90993

Ion Ratio Lower Upper

75 100

77 32.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 100.871 ug/L

RT: 7.794 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU046385.D

Acq: 15 Dec 2021 02:16

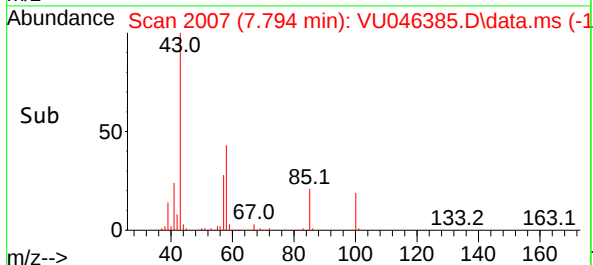
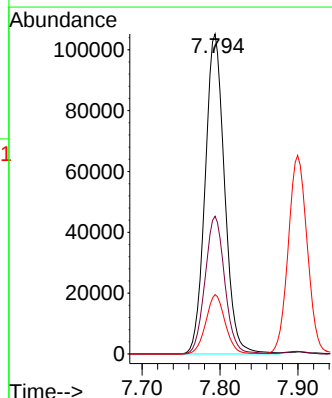
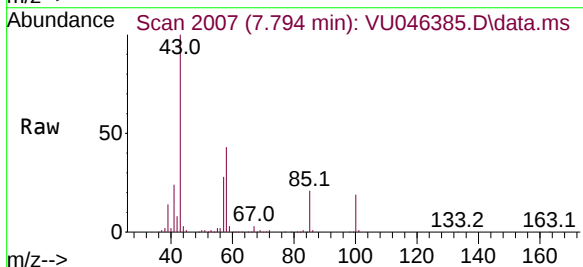
Tgt Ion: 43 Resp: 182454

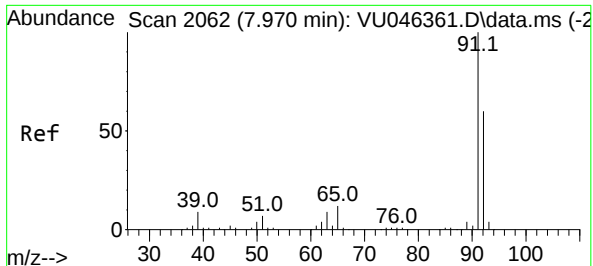
Ion Ratio Lower Upper

43 100

58 43.7 34.2 51.4

100 18.4 14.5 21.7

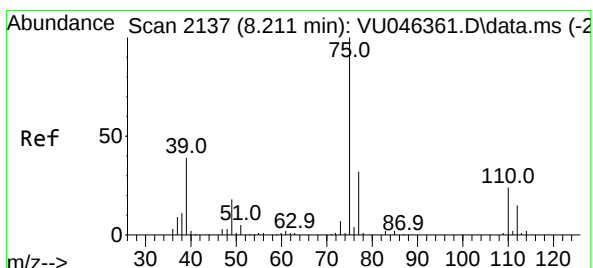
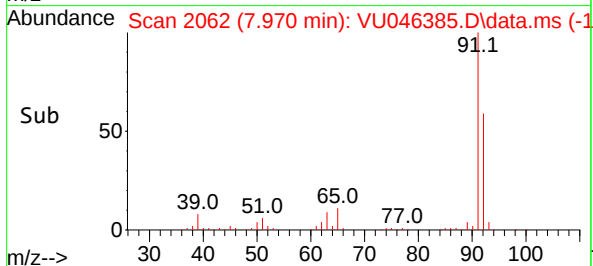
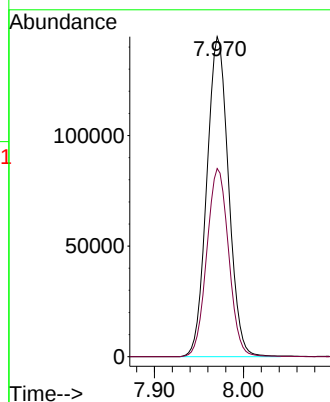
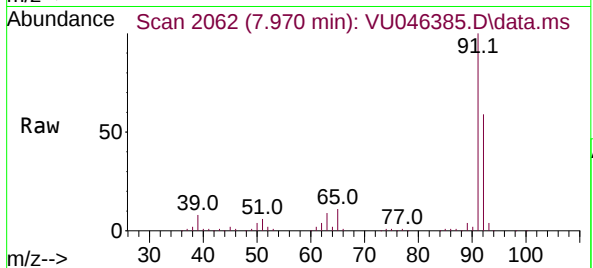




#42
Toluene
Concen: 48.634 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

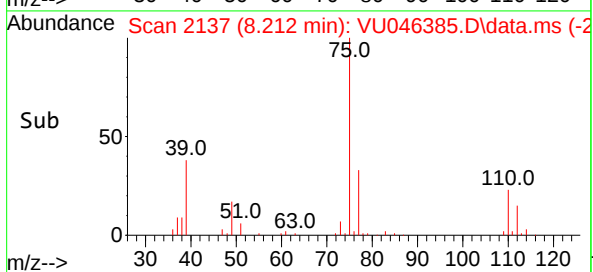
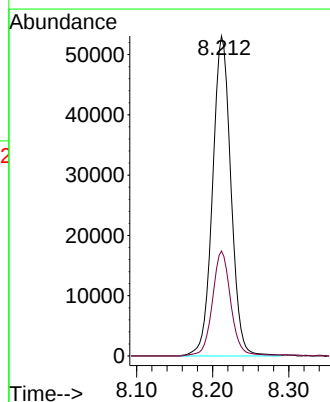
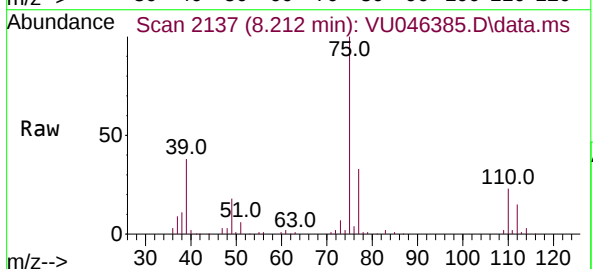
Instrument :
MSVOA_U
ClientSampleId :
VSTD050143

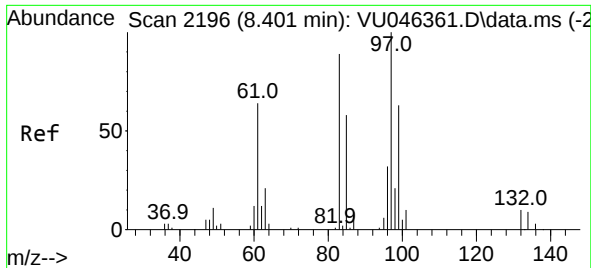
Tgt Ion: 91 Resp: 245253
Ion Ratio Lower Upper
91 100
92 58.8 41.9 77.7



#44
trans-1,3-Dichloropropene
Concen: 48.372 ug/L
RT: 8.212 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

Tgt Ion: 75 Resp: 88979
Ion Ratio Lower Upper
75 100
77 32.8 21.7 40.3

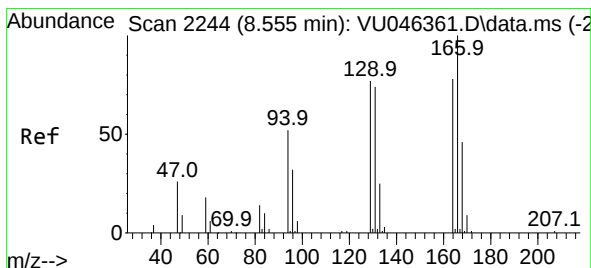
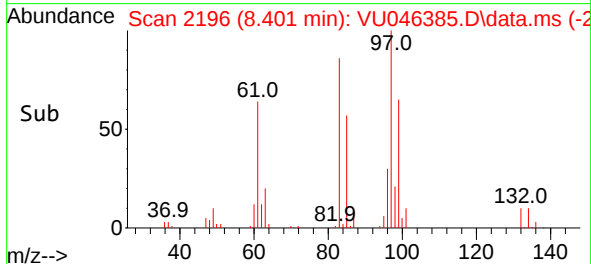
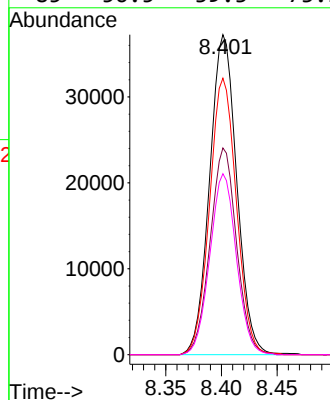
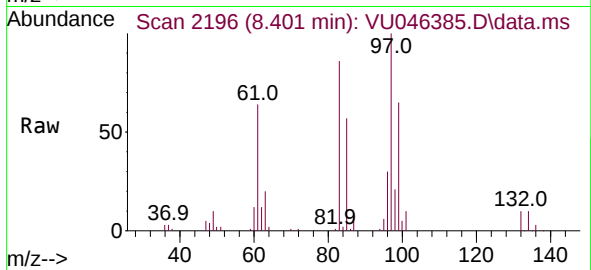




#45
1,1,2-Trichloroethane
Concen: 51.138 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

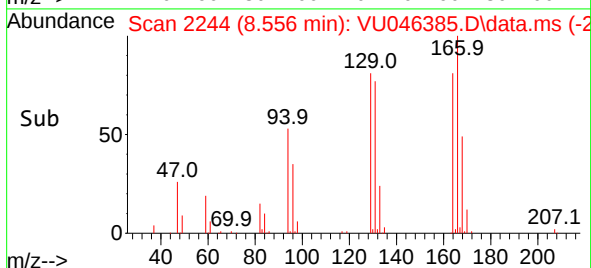
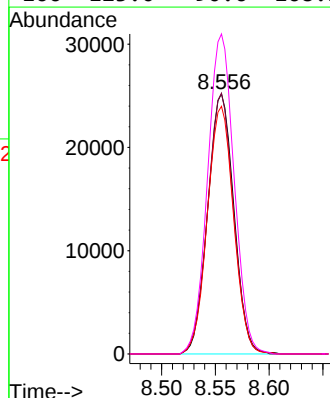
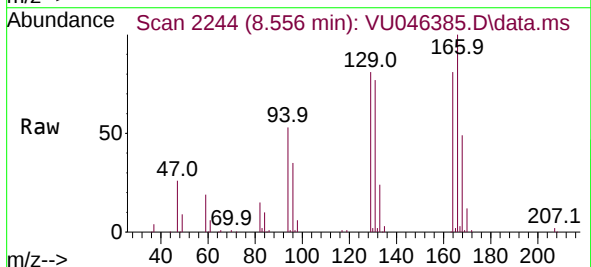
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ClientSampleId :
VSTD050143

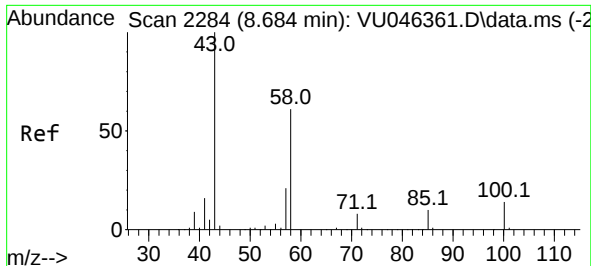
Tgt Ion:	97	Resp:	63161
Ion	Ratio	Lower	Upper
97	100		
99	64.6	44.7	82.9
83	86.4	60.2	111.8
85	56.5	39.3	73.1



#46
Tetrachloroethene
Concen: 47.005 ug/L
RT: 8.556 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

Tgt Ion:	164	Resp:	42767
Ion	Ratio	Lower	Upper
164	100		
129	100.3	71.1	132.1
131	95.2	67.8	126.0
166	123.0	90.6	168.2

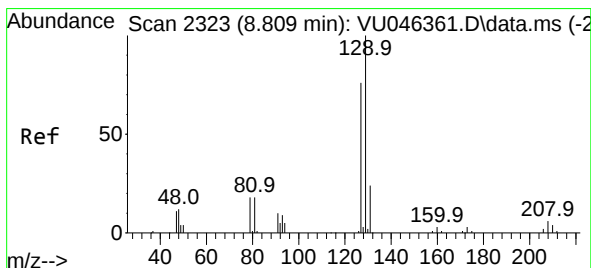
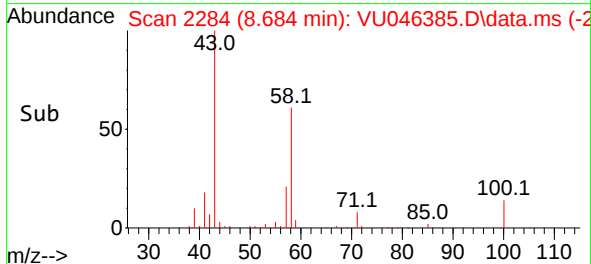
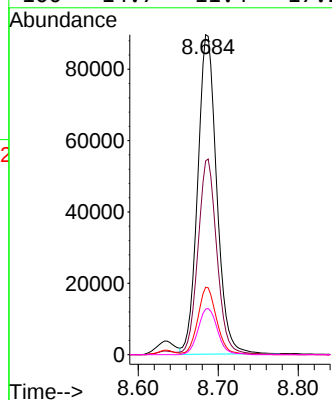
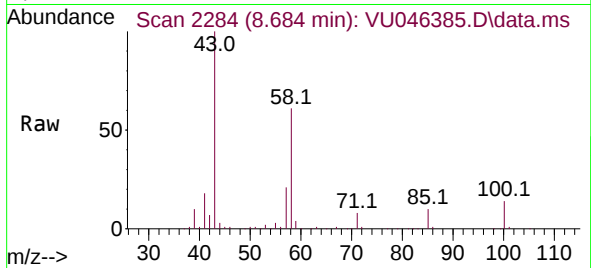




#48
2-Hexanone
Concen: 91.803 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

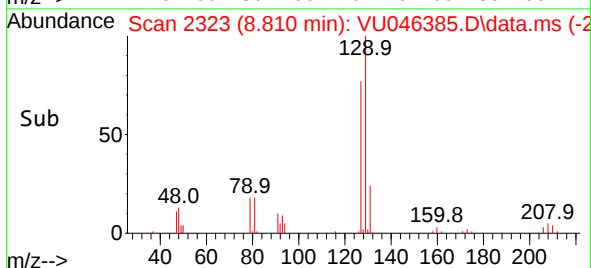
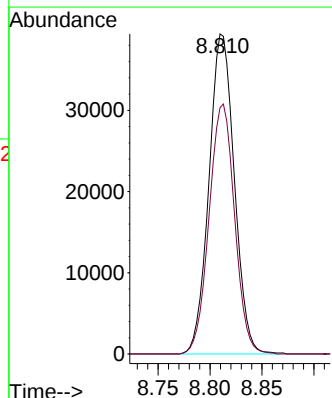
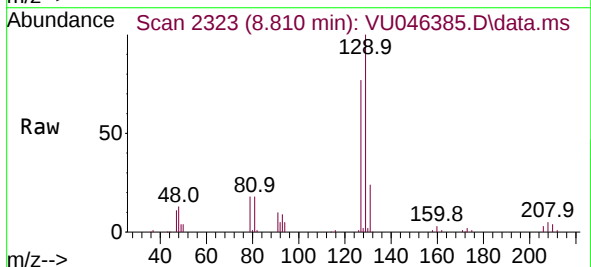
Instrument :
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ClientSampleId :
VSTD050143

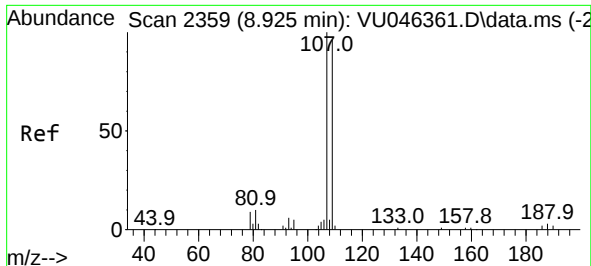
Tgt Ion:	43	Resp:	148505
Ion	Ratio	Lower	Upper
43	100		
58	60.4	47.4	71.2
57	20.9	16.6	25.0
100	14.7	11.4	17.2



#49
Dibromochloromethane
Concen: 51.567 ug/L
RT: 8.810 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

Tgt Ion:	129	Resp:	66883
Ion	Ratio	Lower	Upper
129	100		
127	77.0	55.6	103.4

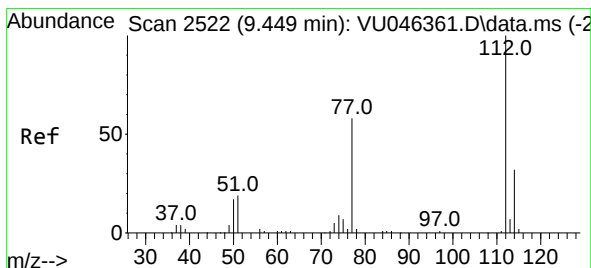
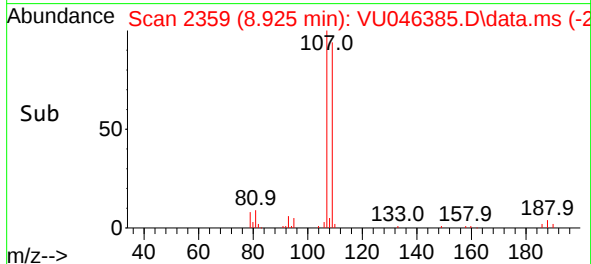
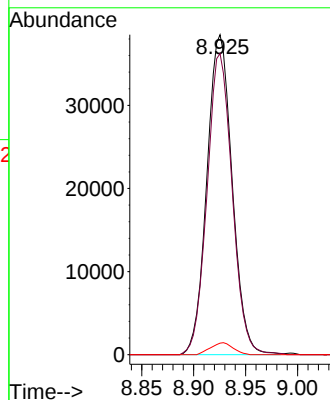
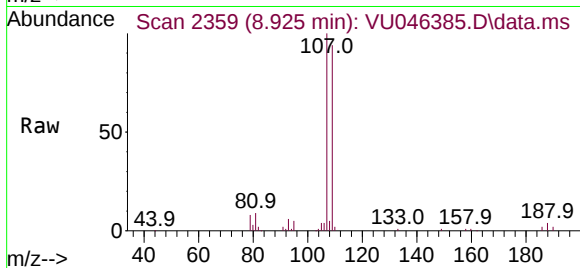




#50
1,2-Dibromoethane
Concen: 48.563 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

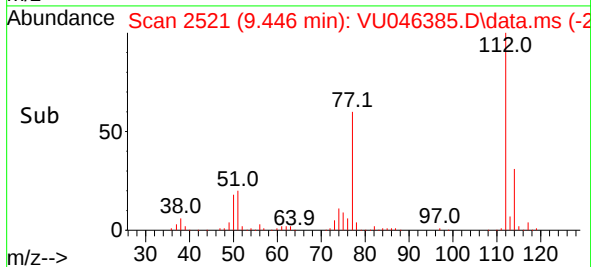
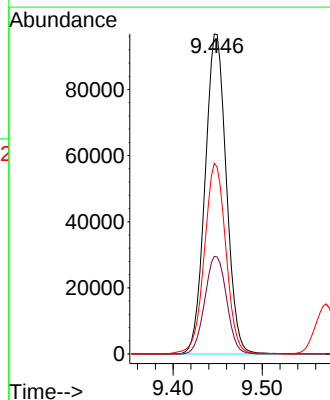
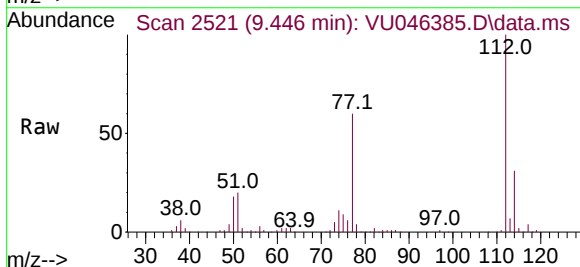
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ClientSampleId :
VSTD050143

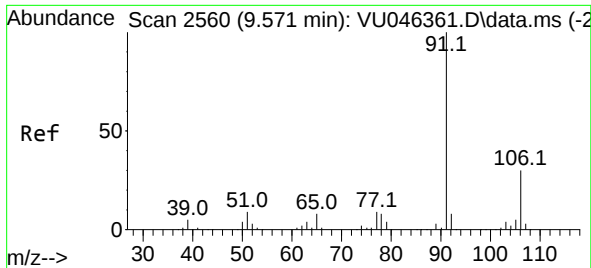
Tgt Ion:107	Resp:	65030
Ion Ratio	Lower	Upper
107	100	
109	94.1	64.9 120.5
188	3.6	2.6 3.8



#51
Chlorobenzene
Concen: 48.990 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

Tgt Ion:112	Resp:	159828
Ion Ratio	Lower	Upper
112	100	
114	30.5	22.2 41.2
77	59.5	47.4 71.0

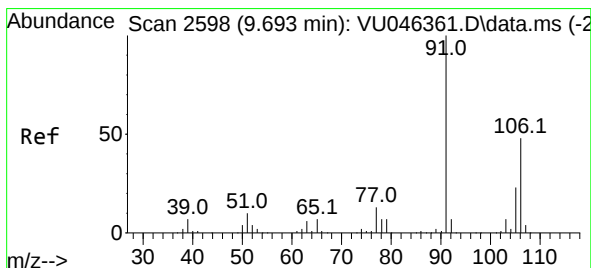
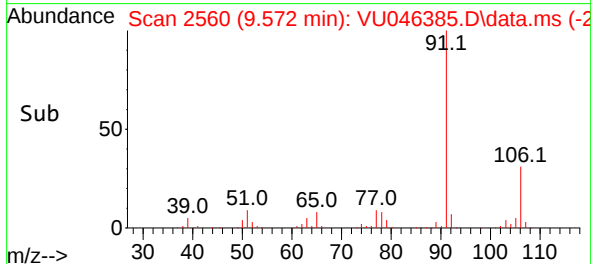
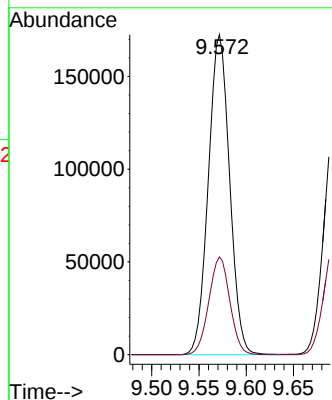
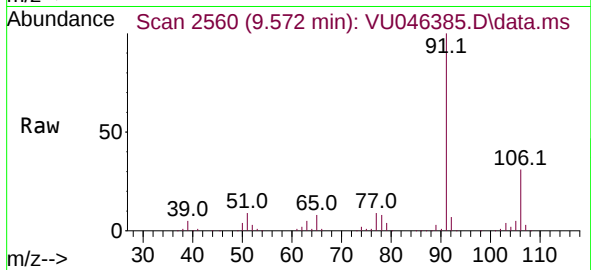




#52
Ethylbenzene
Concen: 49.713 ug/L
RT: 9.572 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

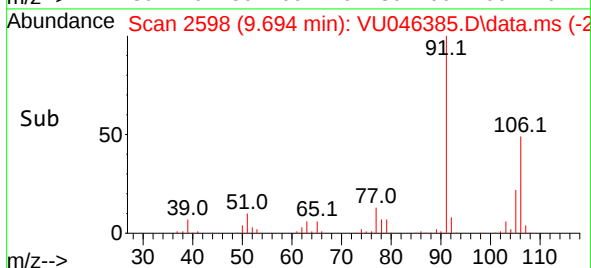
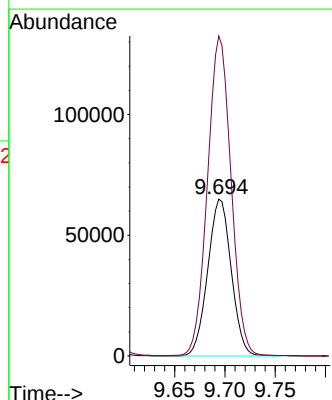
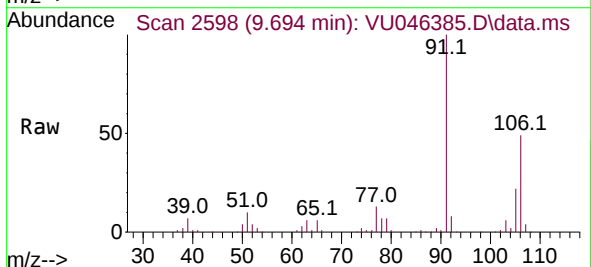
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MSVOA_U
ClientSampleId :
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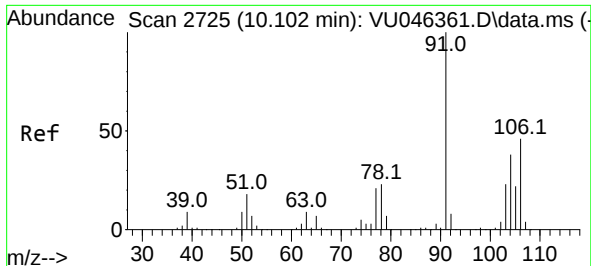
Tgt Ion: 91 Resp: 269800
Ion Ratio Lower Upper
91 100
106 30.5 21.1 39.3



#53
m,p-Xylene
Concen: 49.930 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

Tgt Ion: 106 Resp: 105677
Ion Ratio Lower Upper
106 100
91 204.1 144.3 268.1

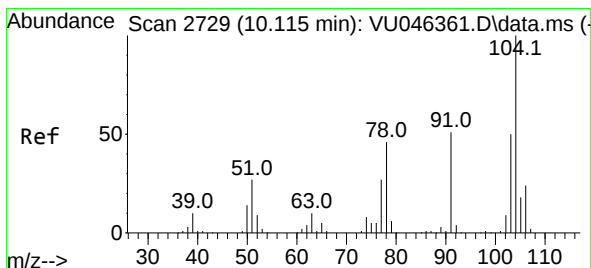
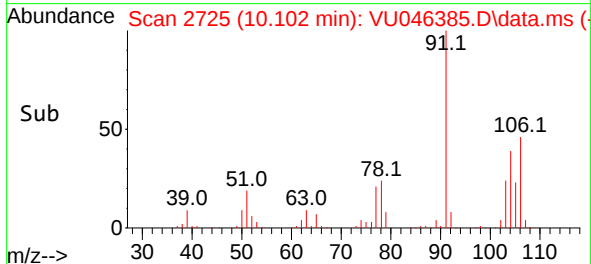
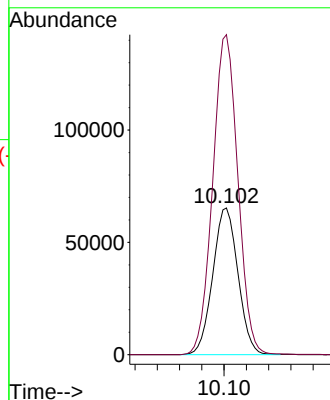
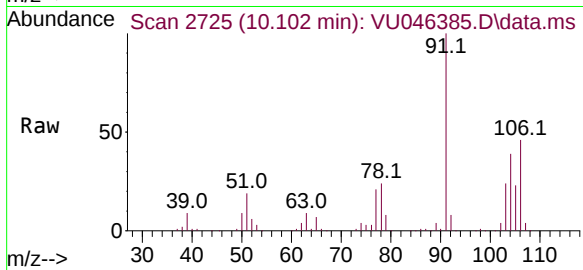




#54
o-xylene
Concen: 49.961 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

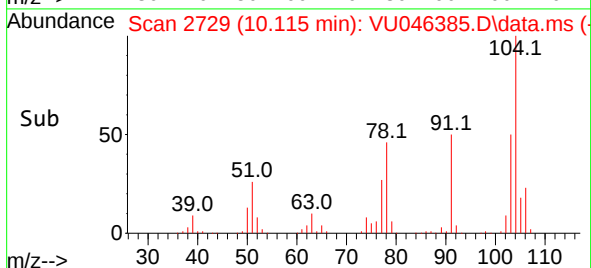
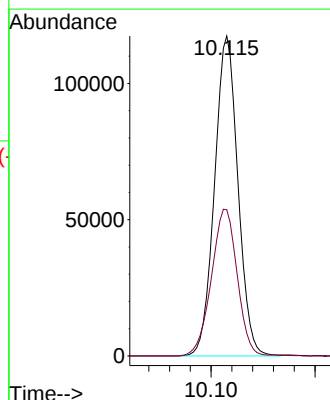
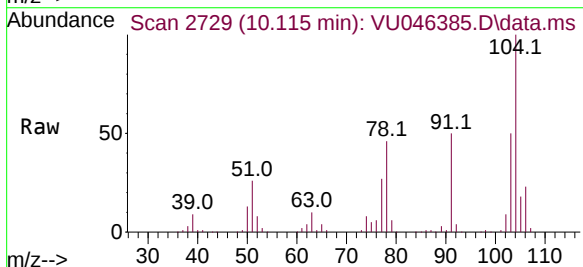
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ClientSampleId :
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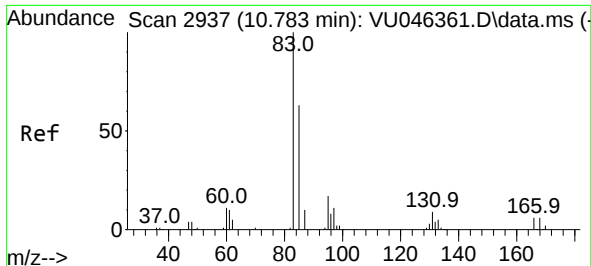
Tgt Ion:106 Resp: 102607
Ion Ratio Lower Upper
106 100
91 218.0 154.2 286.4



#55
Styrene
Concen: 52.300 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

Tgt Ion:104 Resp: 183380
Ion Ratio Lower Upper
104 100
78 45.7 32.6 60.5

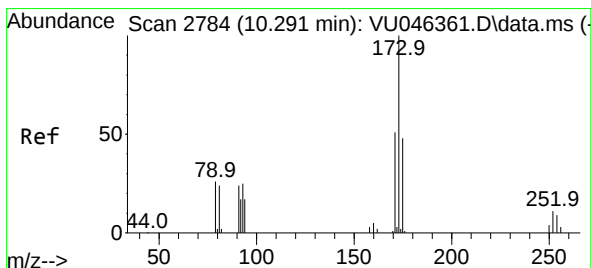
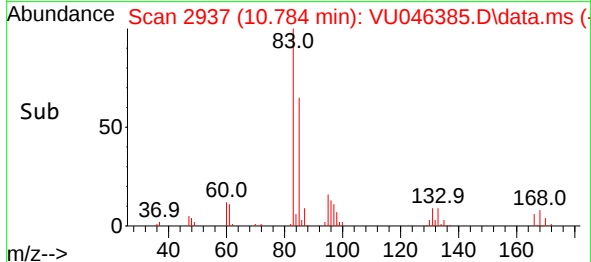
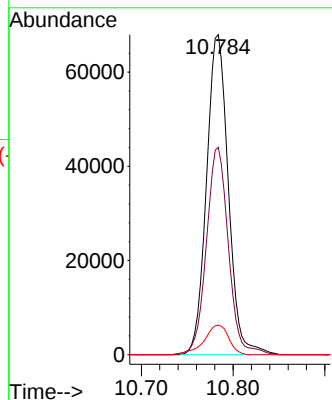
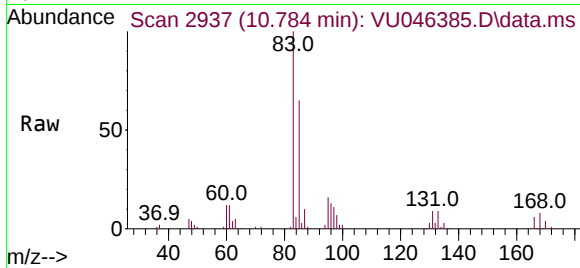




#57
1,1,2,2-Tetrachloroethane
Concen: 53.109 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

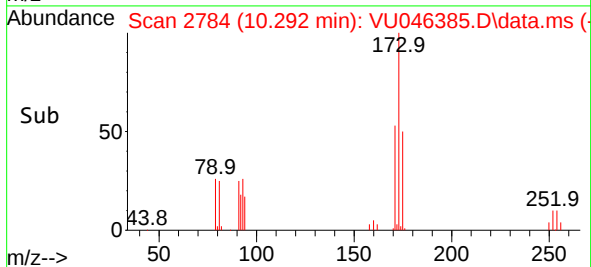
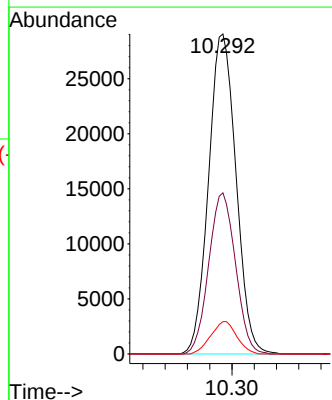
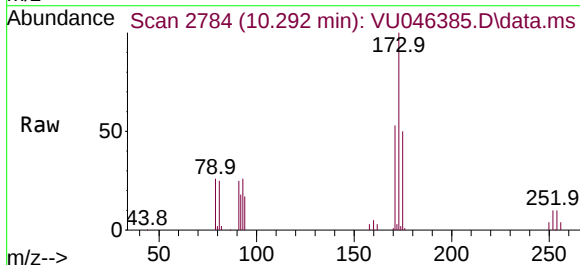
Instrument :
MSVOA_U
ClientSampleId :
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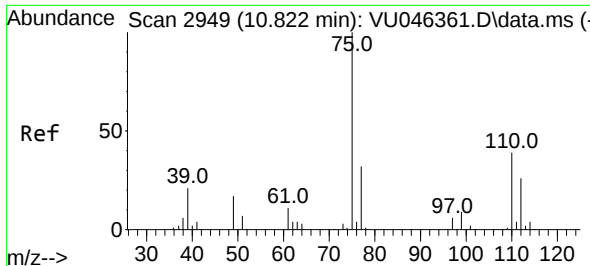
Tgt Ion: 83 Resp: 112460
Ion Ratio Lower Upper
83 100
85 64.8 45.6 84.6
131 9.2 7.8 11.6



#59
Bromoform
Concen: 49.027 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

Tgt Ion: 173 Resp: 49740
Ion Ratio Lower Upper
173 100
175 49.0 39.2 58.8
254 9.6 7.4 11.2

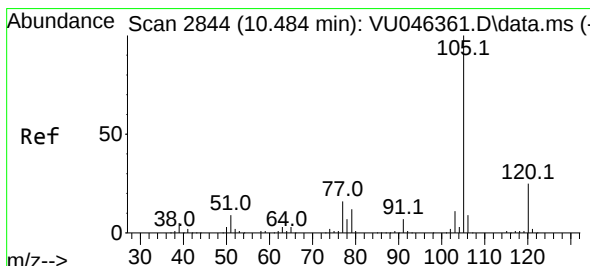
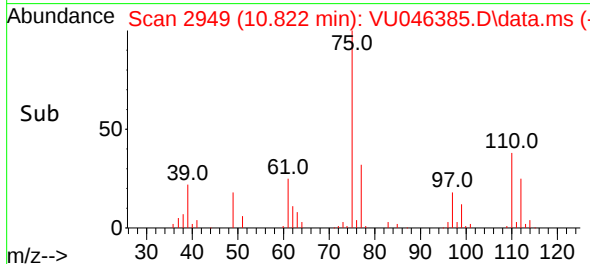
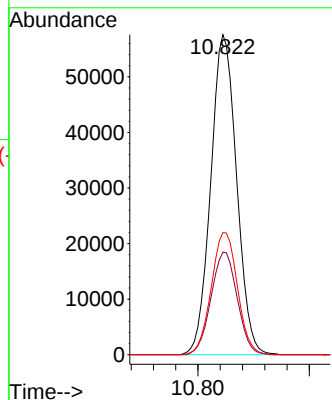
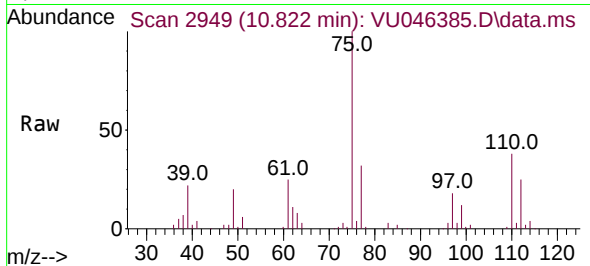




#60
1,2,3-Trichloropropane
Concen: 48.932 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

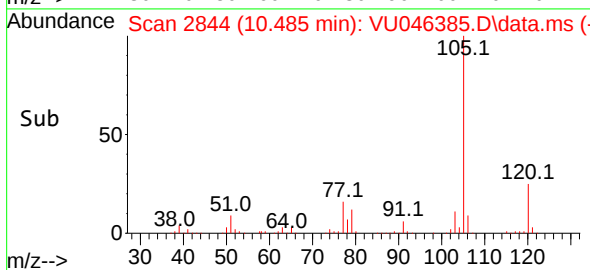
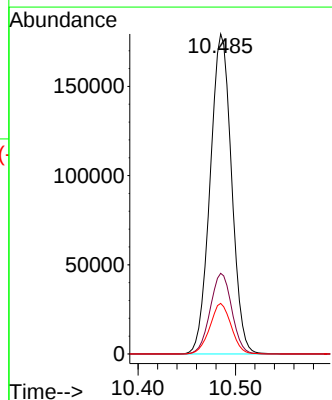
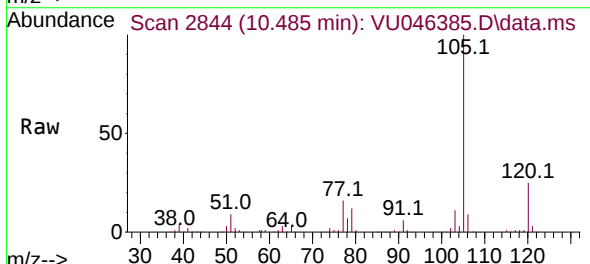
Instrument :
MSVOA_U
ClientSampleId :
VSTD050143

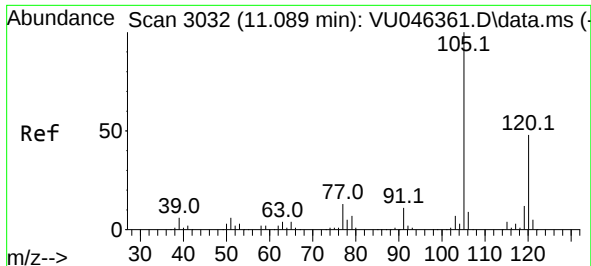
Tgt Ion:	75	Resp:	92765
Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.4	39.6
110	38.7	32.4	48.6



#61
Isopropylbenzene
Concen: 48.646 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

Tgt Ion:	105	Resp:	273730
Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.7	31.1
77	15.8	12.2	18.4





#62

1,3,5-Trimethylbenzene

Concen: 50.098 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU046385.D

Acq: 15 Dec 2021 02:16

Instrument :

MSVOA_U

ClientSampleId :

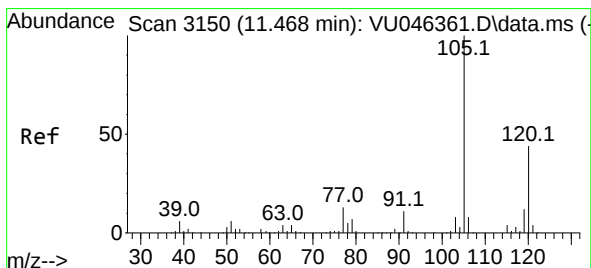
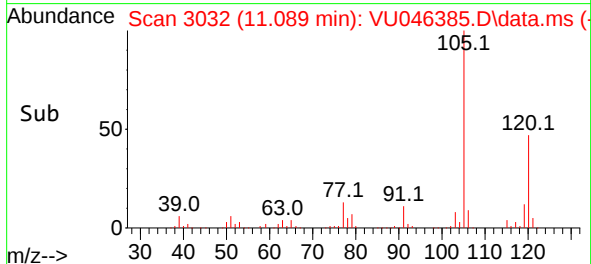
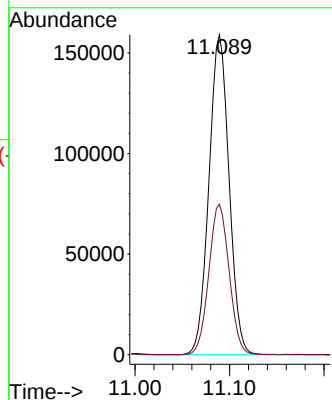
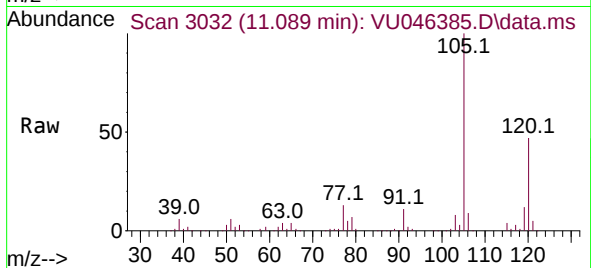
VSTD050143

Tgt Ion:105 Resp: 234965

Ion Ratio Lower Upper

105 100

120 47.5 37.8 56.6



#63

1,2,4-Trimethylbenzene

Concen: 51.299 ug/L

RT: 11.469 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU046385.D

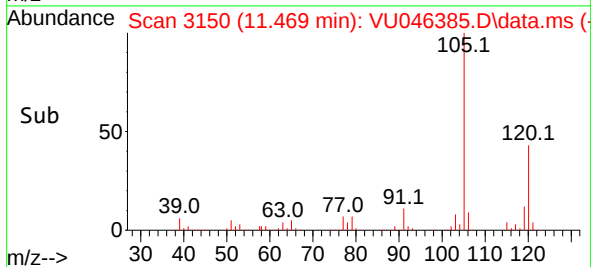
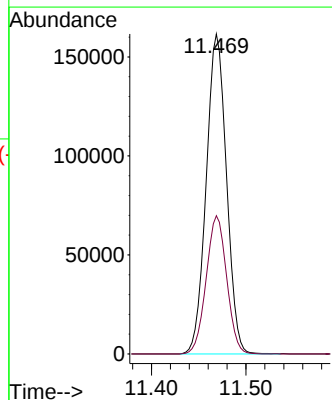
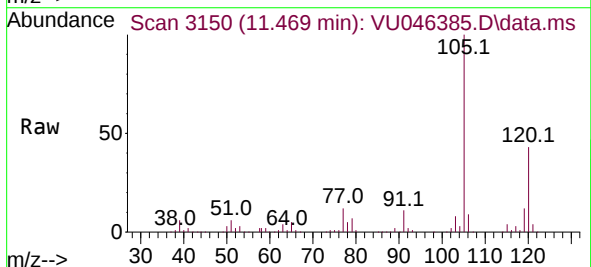
Acq: 15 Dec 2021 02:16

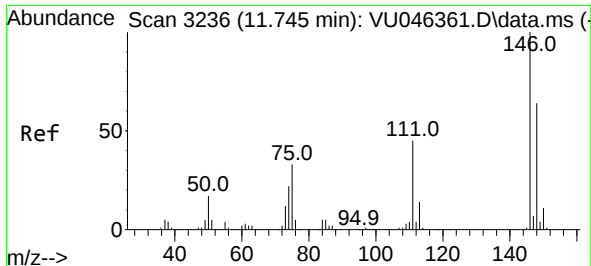
Tgt Ion:105 Resp: 240716

Ion Ratio Lower Upper

105 100

120 43.6 35.2 52.8

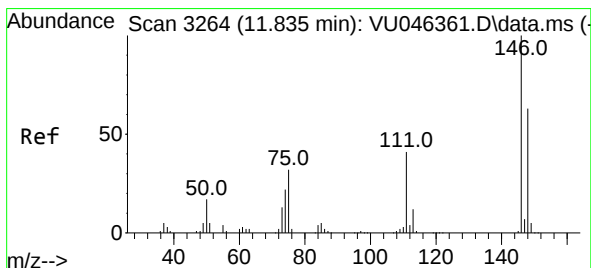
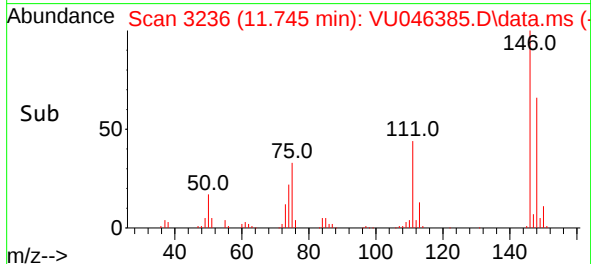
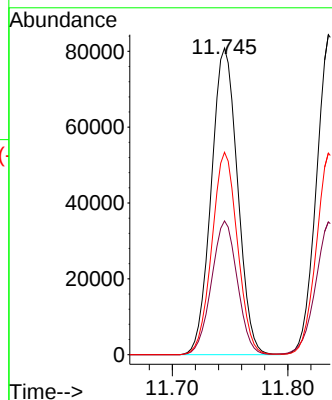
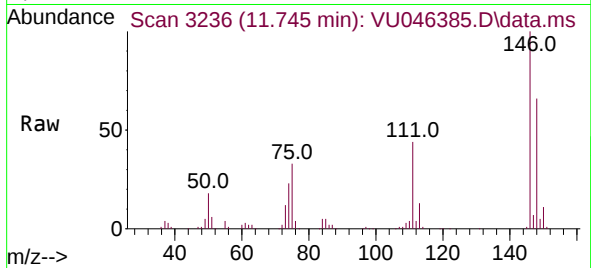




#64
1,3-Dichlorobenzene
Concen: 47.863 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

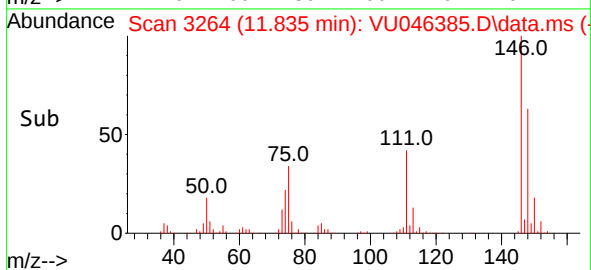
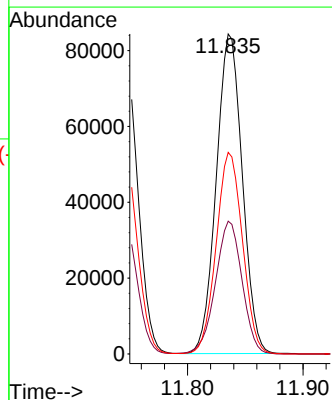
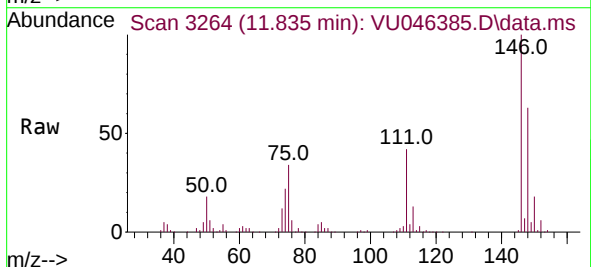
Instrument :
MSVOA_U
ClientSampleId :
VSTD050143

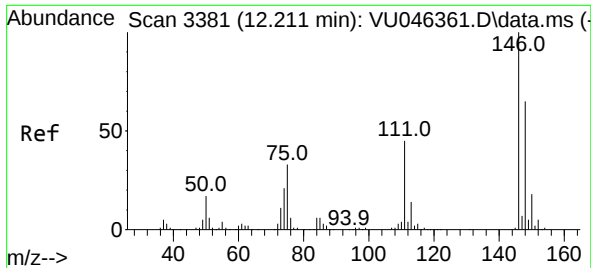
Tgt Ion:146 Resp: 127932
Ion Ratio Lower Upper
146 100
111 43.7 29.5 54.9
148 66.1 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 47.784 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

Tgt Ion:146 Resp: 131999
Ion Ratio Lower Upper
146 100
111 41.5 28.3 52.7
148 63.0 43.8 81.3

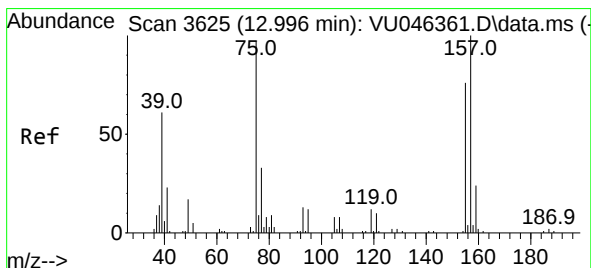
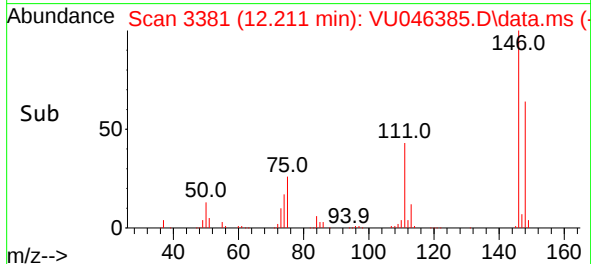
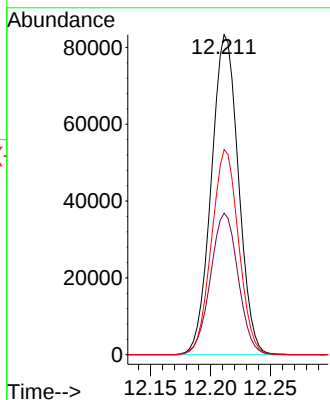
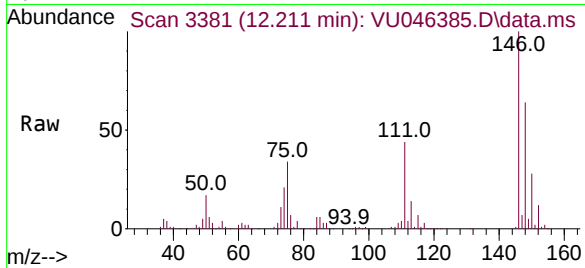




#67
1,2-Dichlorobenzene
Concen: 48.739 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

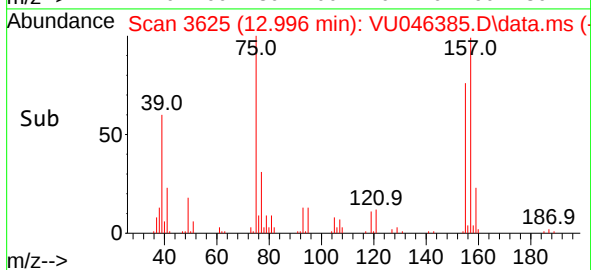
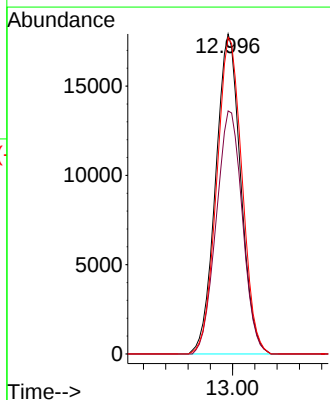
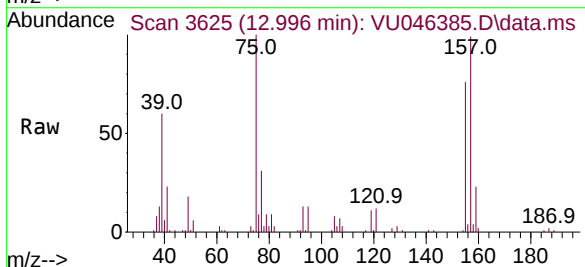
Instrument :
MSVOA_U
ClientSampleId :
VSTD050143

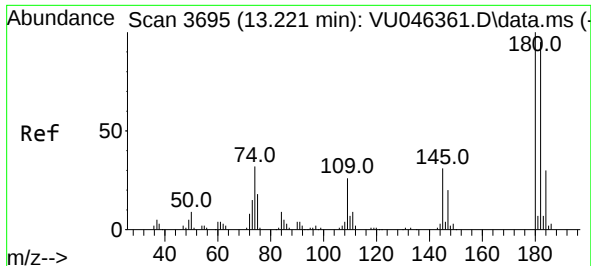
Tgt Ion:146 Resp: 131188
Ion Ratio Lower Upper
146 100
111 44.2 35.7 53.5
148 64.1 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 55.416 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

Tgt Ion: 75 Resp: 27987
Ion Ratio Lower Upper
75 100
155 75.9 64.9 97.3
157 98.9 81.9 122.9





#69

1,3,5-Trichlorobenzene

Concen: 47.984 ug/L

RT: 13.218 min Scan# 3695

Delta R.T. -0.003 min

Lab File: VU046385.D

Acq: 15 Dec 2021 02:16

Instrument :

MSVOA_U

ClientSampleId :

VSTD050143

Tgt Ion:180 Resp: 93451

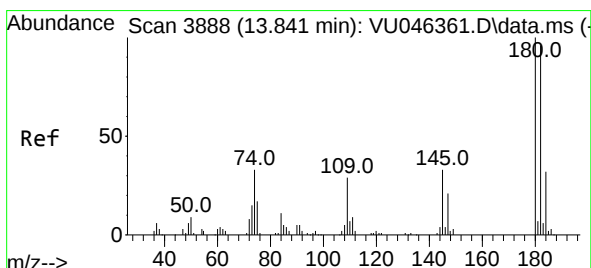
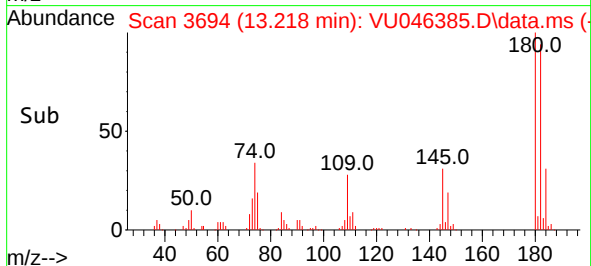
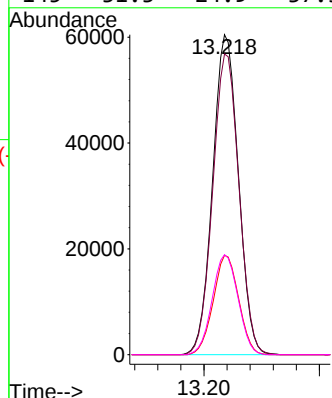
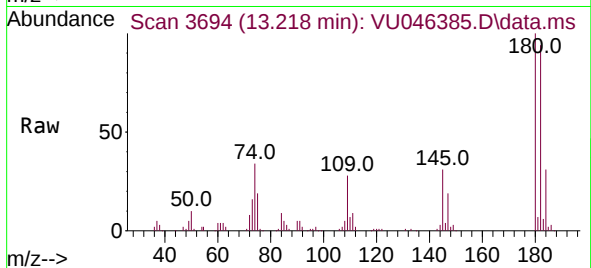
Ion Ratio Lower Upper

180 100

182 95.6 75.9 113.9

184 30.6 24.2 36.4

145 31.3 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 50.397 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. -0.003 min

Lab File: VU046385.D

Acq: 15 Dec 2021 02:16

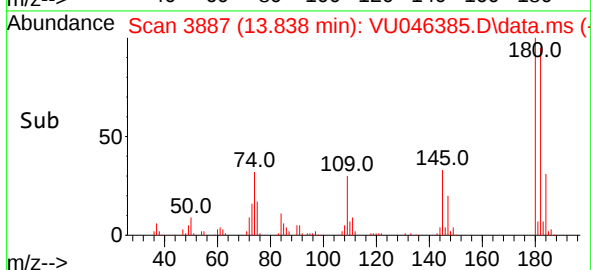
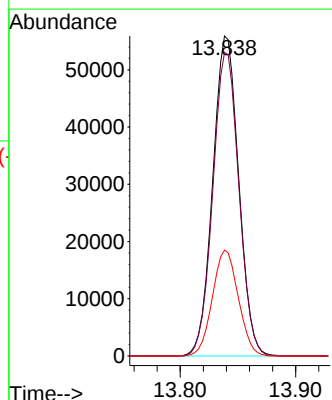
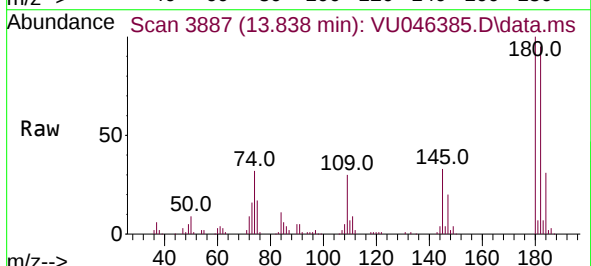
Tgt Ion:180 Resp: 87098

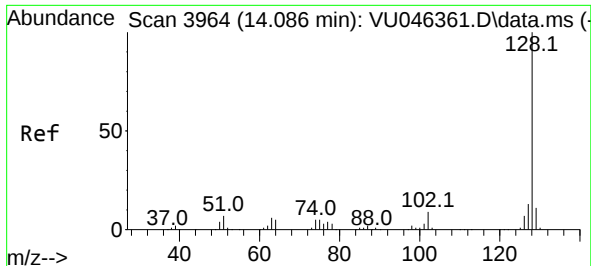
Ion Ratio Lower Upper

180 100

182 95.1 76.7 115.1

145 33.0 26.0 39.0

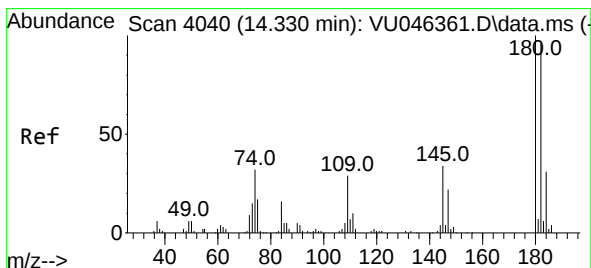
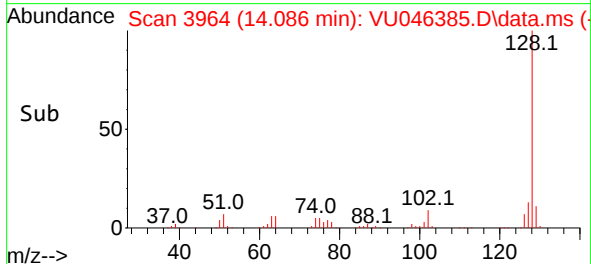
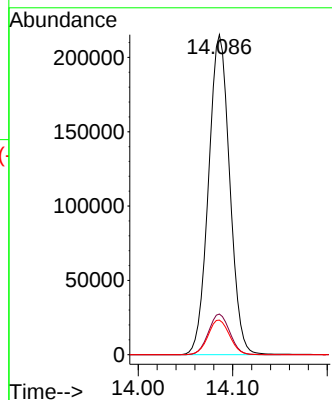
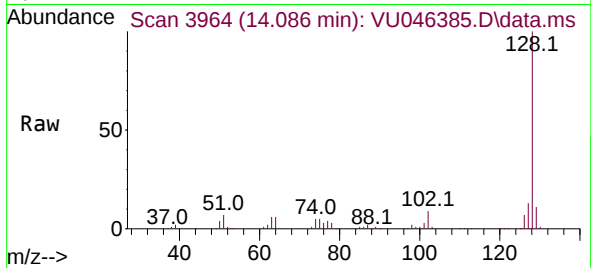




#71
Naphthalene
Concen: 55.732 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

Instrument :
MSVOA_U
ClientSampleId :
VSTD050143

Tgt Ion:128 Resp: 335174
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 52.086 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU046385.D
Acq: 15 Dec 2021 02:16

Tgt Ion:180 Resp: 91794
Ion Ratio Lower Upper
180 100
182 97.0 76.0 114.0
145 34.5 27.3 40.9

