

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010522\
 Data File : VU046660.D
 Acq On : 05 Jan 2022 12:40
 Operator : SY/MD
 Sample : VSTD05039
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050039

Quant Time: Jan 06 02:21:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 06 02:19:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	185642	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	176897	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	93642	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	77749	50.616	ug/L	0.00
7) Chloroethane-d5	1.919	69	57453	48.967	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	133169	48.662	ug/L	0.00
21) 2-Butanone-d5	4.642	46	117607	97.003	ug/L	0.00
24) Chloroform-d	5.067	84	133540	51.833	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	85403	49.639	ug/L	0.00
32) Benzene-d6	5.732	84	271356	52.978	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	80569	50.993	ug/L	0.00
41) Toluene-d8	7.899	98	247619	53.182	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	40217	52.437	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	95711	122.063	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	124879	51.790	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	92664	50.804	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	84059	43.042	ug/L	100
3) Chloromethane	1.523	50	74587	42.573	ug/L	100
5) Vinyl chloride	1.610	62	78528	44.137	ug/L	100
6) Bromomethane	1.864	94	48932	47.770	ug/L	100
8) Chloroethane	1.941	64	46209	44.867	ug/L	100
9) Trichlorofluoromethane	2.144	101	111703	47.457	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	63016	47.234	ug/L	100
12) 1,1-Dichloroethene	2.588	96	59376	46.873	ug/L	100
13) Acetone	2.665	43	111231	76.887	ug/L	100
14) Carbon disulfide	2.800	76	177083	45.384	ug/L	100
15) Methyl Acetate	2.964	43	73850	42.748	ug/L	100
16) Methylene chloride	3.054	84	70287	46.341	ug/L	100
17) trans-1,2-Dichloroethene	3.359	96	62847	47.005	ug/L	100
18) Methyl tert-butyl Ether	3.366	73	193181	46.925	ug/L	100
19) 1,1-Dichloroethane	3.877	63	115325	47.278	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	69483	47.734	ug/L	100
22) 2-Butanone	4.723	43	130454	82.256	ug/L	100
23) Bromochloromethane	4.980	128	36705	49.351	ug/L	100
25) Chloroform	5.092	83	125841	46.444	ug/L	100
27) 1,2-Dichloroethane	5.796	62	98345	48.581	ug/L	100
29) Cyclohexane	5.395	56	100704	49.517	ug/L	100
30) 1,1,1-Trichloroethane	5.321	97	109415	50.247	ug/L	100
31) Carbon tetrachloride	5.530	117	93687	50.774	ug/L	100
33) Benzene	5.777	78	268695	50.211	ug/L	100
34) Trichloroethene	6.546	95	68339	48.767	ug/L	100
35) Methylcyclohexane	6.768	83	112419	51.761	ug/L	100
37) 1,2-Dichloropropane	6.793	63	68815	49.251	ug/L	100
38) Bromodichloromethane	7.108	83	93635	50.104	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	107718	50.526	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	193139	95.518	ug/L	100
42) Toluene	7.970	91	292194	50.895	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	102874	49.709	ug/L	100

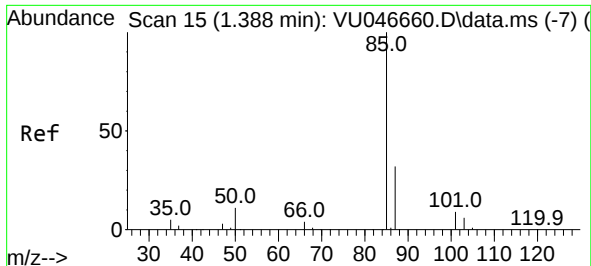
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010522\
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 Quant Title : VOC Analysis
 QLast Update : Thu Jan 06 02:19:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	69040	49.013	ug/L	100
46) Tetrachloroethene	8.555	164	52190	50.324	ug/L	100
48) 2-Hexanone	8.687	43	168760	94.198	ug/L	100
49) Dibromochloromethane	8.812	129	75053	50.682	ug/L	100
50) 1,2-Dibromoethane	8.925	107	73583	48.599	ug/L	100
51) Chlorobenzene	9.449	112	182963	49.246	ug/L	100
52) Ethylbenzene	9.571	91	309023	50.368	ug/L	100
53) m,p-Xylene	9.693	106	121102	50.608	ug/L	100
54) o-xylene	10.102	106	116562	50.170	ug/L	100
55) Styrene	10.115	104	204226	51.474	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	120510	49.627	ug/L	100
59) Bromoform	10.291	173	56812	50.995	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	98151	47.665	ug/L	100
61) Isopropylbenzene	10.484	105	306981	50.614	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	262014	51.855	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	262145	51.884	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	144199	49.808	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	147079	49.138	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	144169	49.397	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	29550	52.676	ug/L	100
69) 1,3,5-Trichlorobenzene	13.217	180	107981	50.975	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	96144	51.082	ug/L	100
71) Naphthalene	14.086	128	340865	52.548	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	99856	52.135	ug/L	100

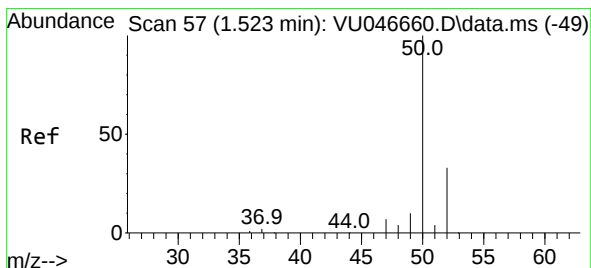
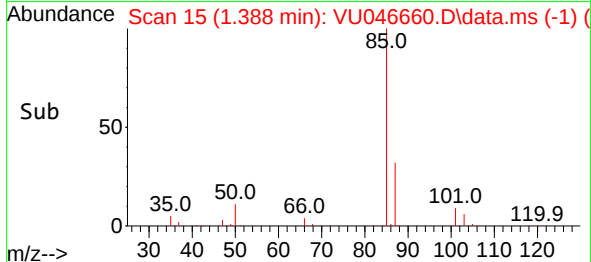
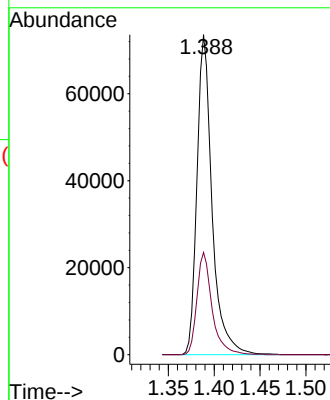
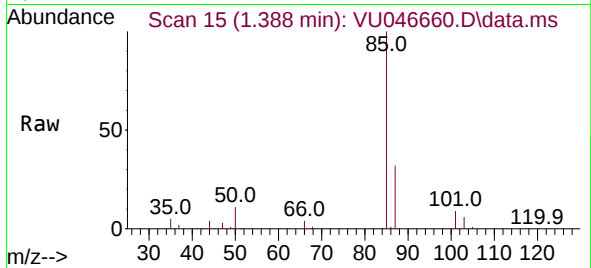
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#2
Dichlorodifluoromethane
Concen: 43.042 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU046660.D
Acq: 05 Jan 2022 12:40

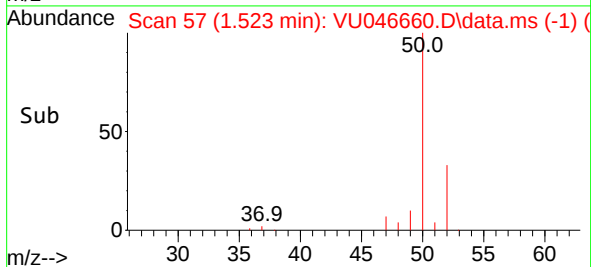
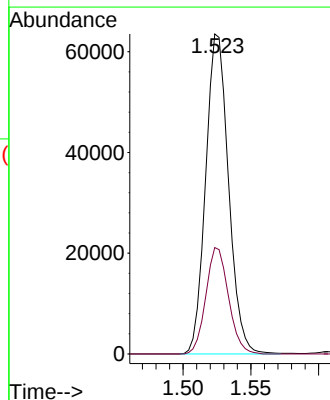
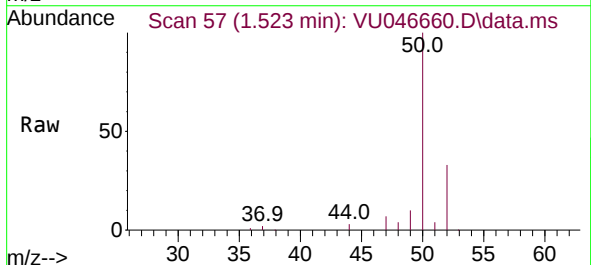
Instrument :
MSVOA_U
ClientSampleId :
VSTD050039

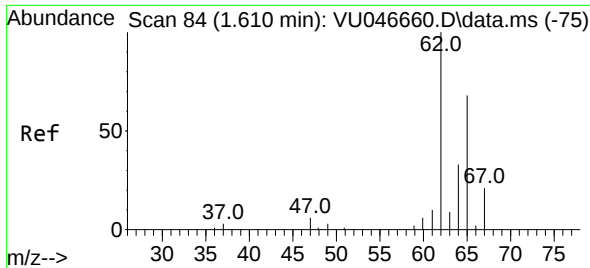
Tgt Ion: 85 Resp: 84059
Ion Ratio Lower Upper
85 100
87 32.0 25.6 38.4



#3
Chloromethane
Concen: 42.573 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU046660.D
Acq: 05 Jan 2022 12:40

Tgt Ion: 50 Resp: 74587
Ion Ratio Lower Upper
50 100
52 33.2 23.2 43.2

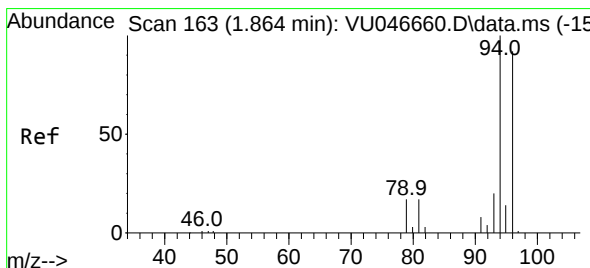
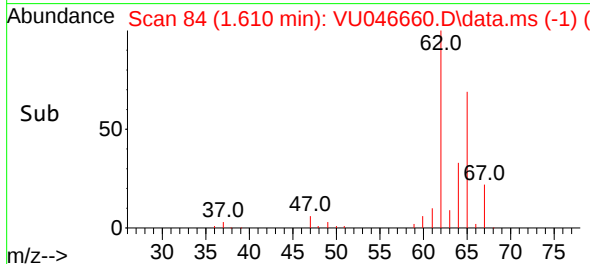
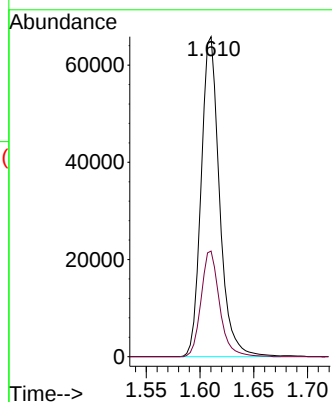
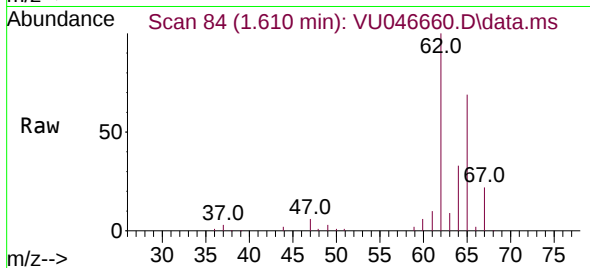




#5
 Vinyl chloride
 Concen: 44.137 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VU046660.D
 Acq: 05 Jan 2022 12:40

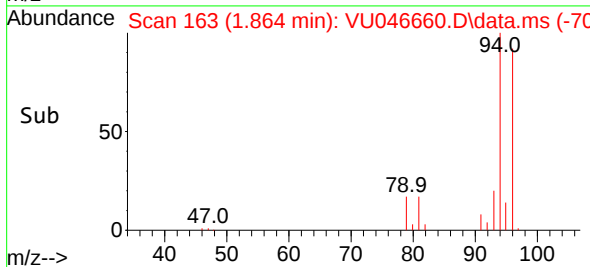
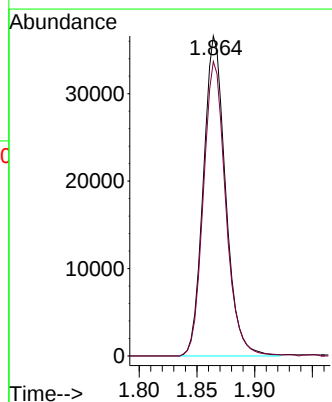
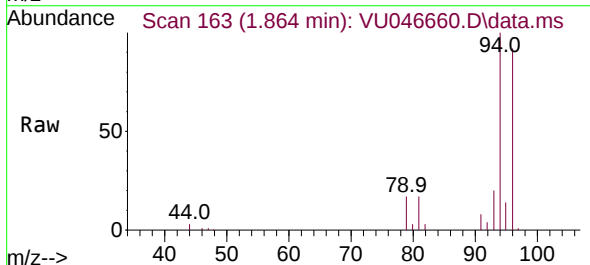
Instrument :
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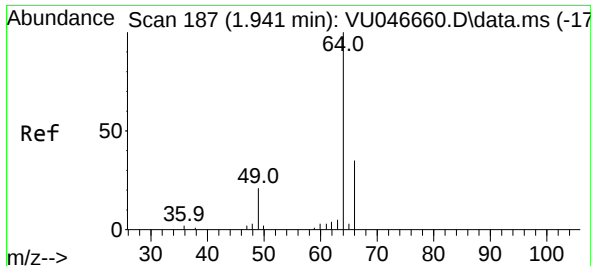
Tgt Ion: 62 Resp: 78528
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.1 42.9



#6
 Bromomethane
 Concen: 47.770 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU046660.D
 Acq: 05 Jan 2022 12:40

Tgt Ion: 94 Resp: 48932
 Ion Ratio Lower Upper
 94 100
 96 92.0 64.4 119.6

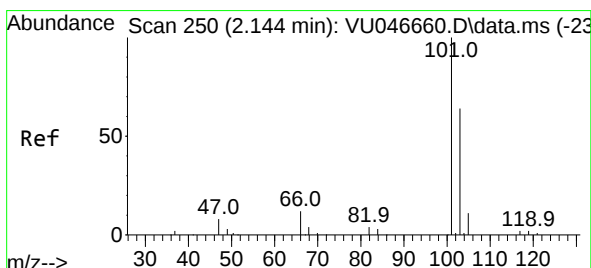
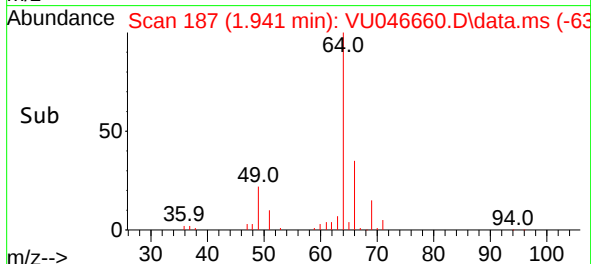
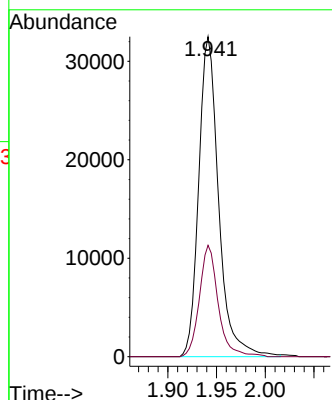
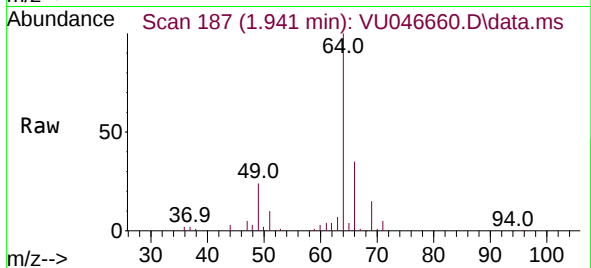




#8
Chloroethane
Concen: 44.867 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046660.D
Acq: 05 Jan 2022 12:40

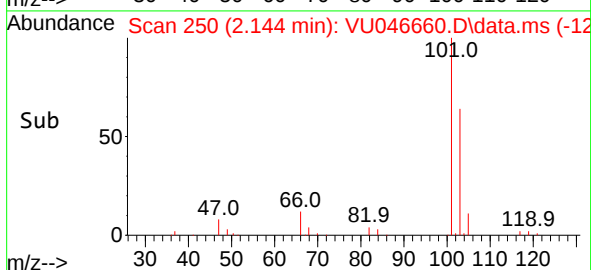
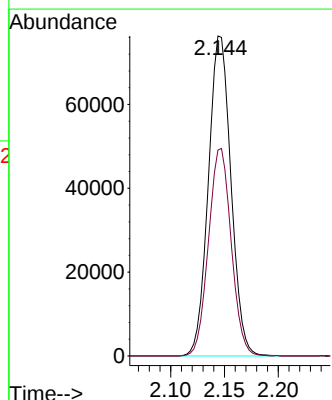
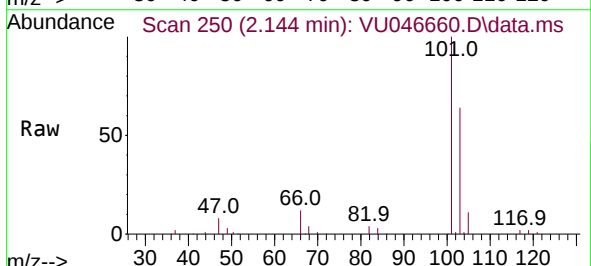
Instrument :
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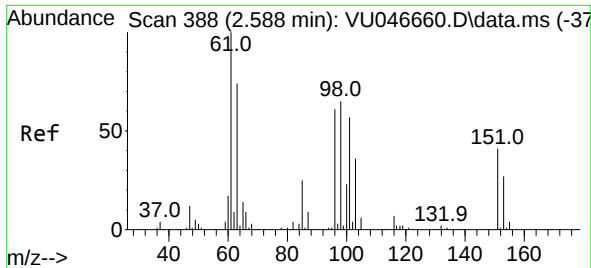
Tgt Ion: 64 Resp: 46209
Ion Ratio Lower Upper
64 100
66 34.8 24.4 45.2



#9
Trichlorofluoromethane
Concen: 47.457 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU046660.D
Acq: 05 Jan 2022 12:40

Tgt Ion:101 Resp: 111703
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0

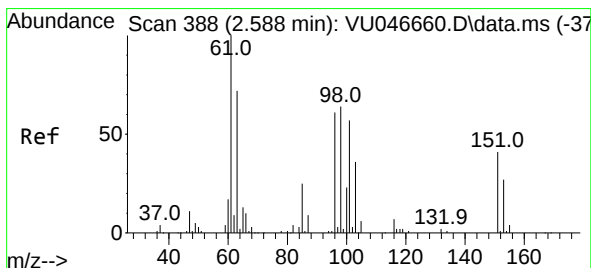
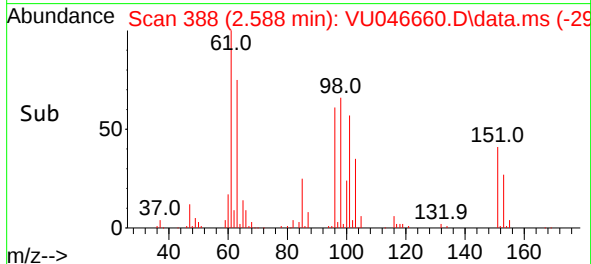
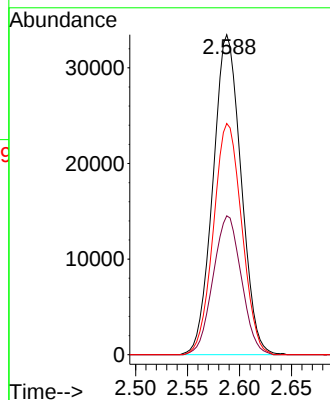
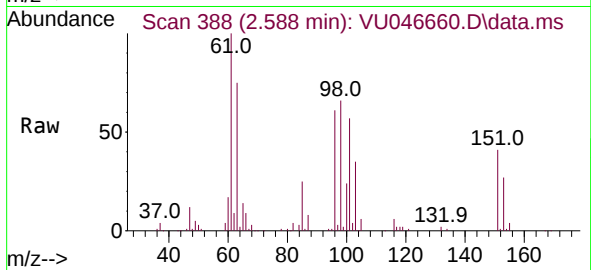




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.234 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU046660.D
 Acq: 05 Jan 2022 12:40

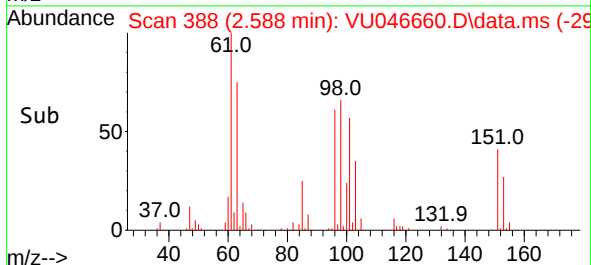
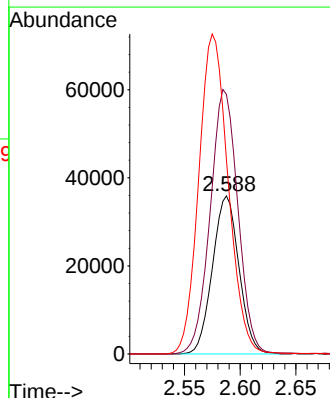
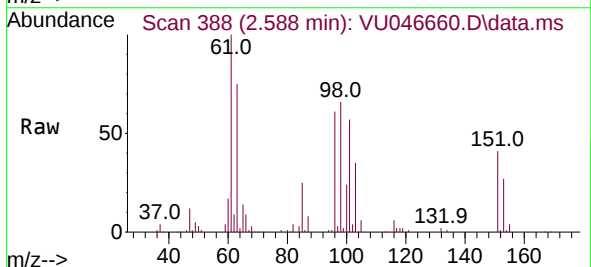
Instrument :
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 ClientSampleId :
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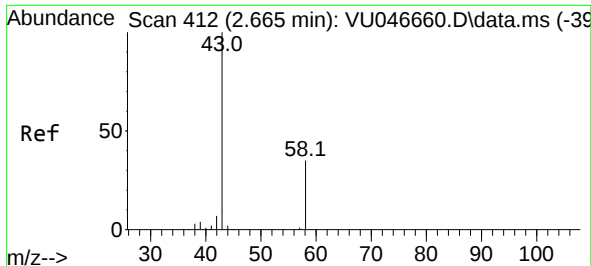
Tgt Ion:101 Resp: 63016
 Ion Ratio Lower Upper
 101 100
 85 43.6 34.9 52.3
 151 72.9 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 46.873 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU046660.D
 Acq: 05 Jan 2022 12:40

Tgt Ion: 96 Resp: 59376
 Ion Ratio Lower Upper
 96 100
 61 164.1 114.9 213.3
 63 122.9 86.0 159.8





#13

Acetone

Concen: 76.887 ug/L

RT: 2.665 min Scan# 412

Delta R.T. 0.000 min

Lab File: VU046660.D

Acq: 05 Jan 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

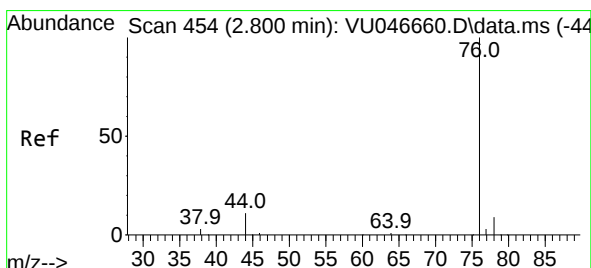
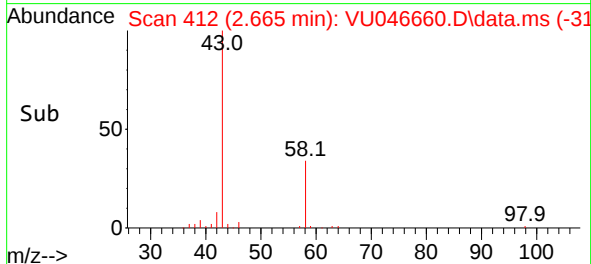
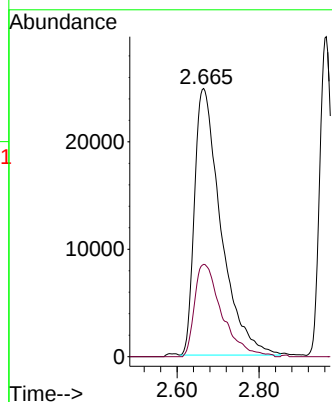
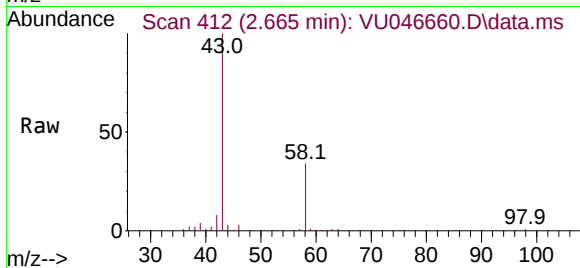
VSTD050039

Tgt Ion: 43 Resp: 111231

Ion Ratio Lower Upper

43 100

58 35.5 0.0 71.0



#14

Carbon disulfide

Concen: 45.384 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU046660.D

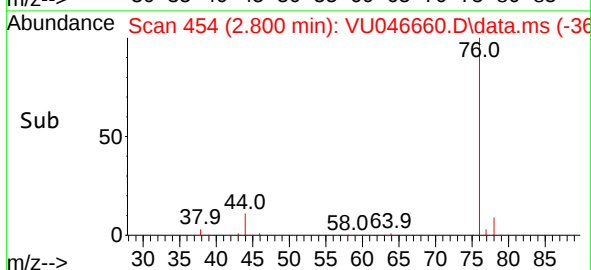
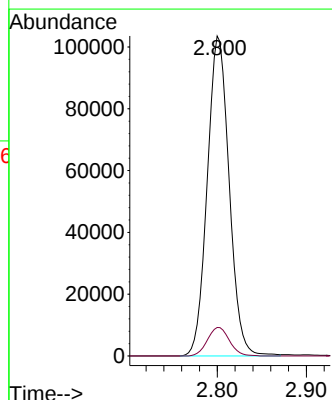
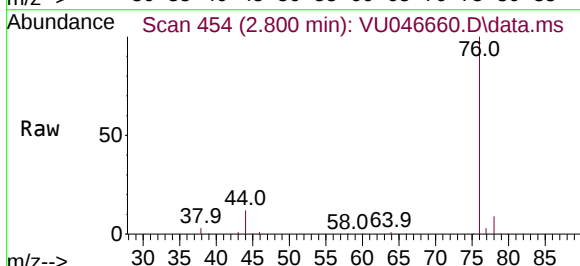
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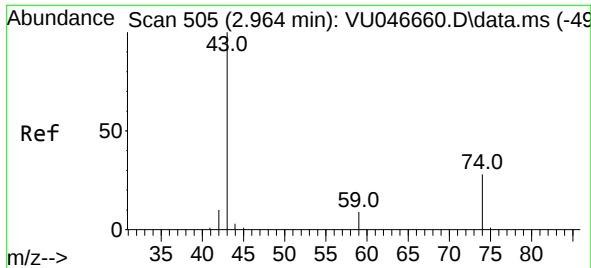
Tgt Ion: 76 Resp: 177083

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

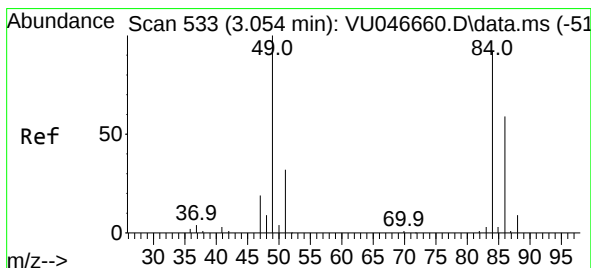
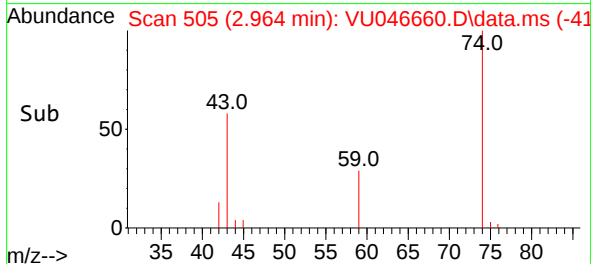
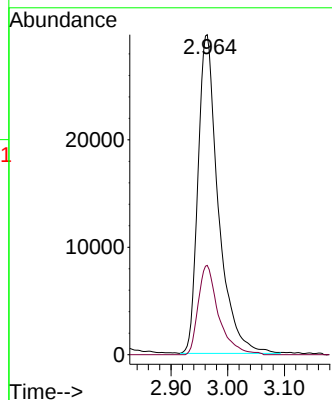
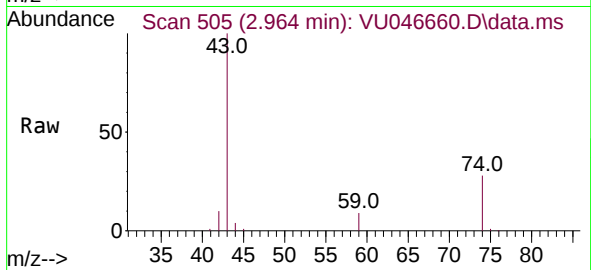




#15
Methyl Acetate
Concen: 42.748 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.000 min
Lab File: VU046660.D
Acq: 05 Jan 2022 12:40

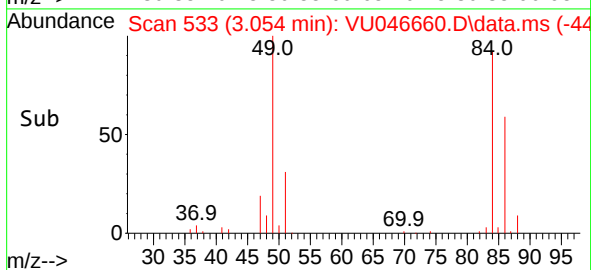
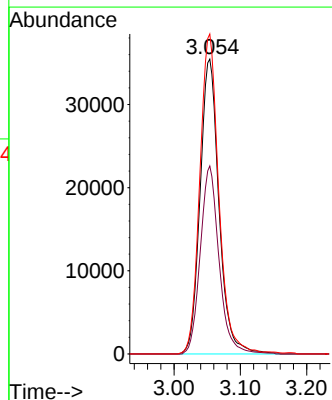
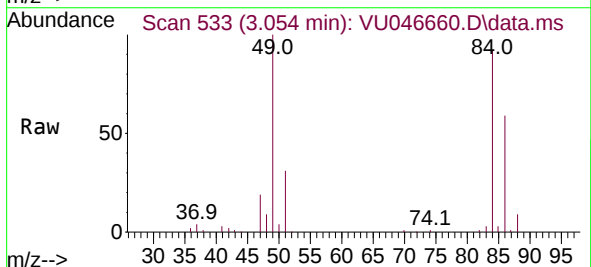
Instrument :
MSVOA_U
ClientSampleId :
VSTD050039

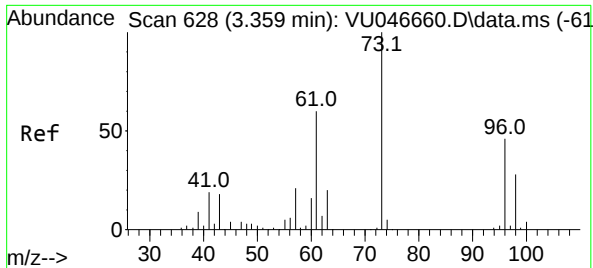
Tgt Ion: 43 Resp: 73850
Ion Ratio Lower Upper
43 100
74 27.9 22.3 33.5



#16
Methylene chloride
Concen: 46.341 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU046660.D
Acq: 05 Jan 2022 12:40

Tgt Ion: 84 Resp: 70287
Ion Ratio Lower Upper
84 100
86 63.8 44.7 82.9
49 108.5 75.9 141.1

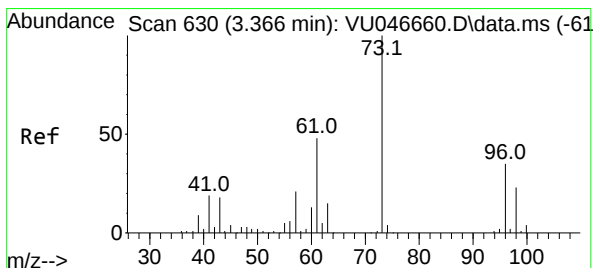
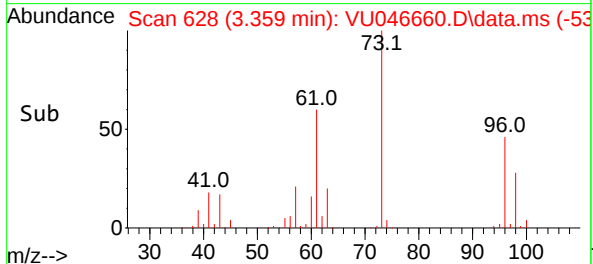
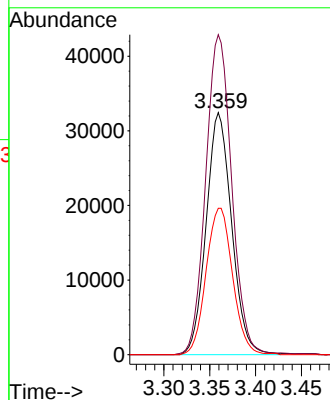
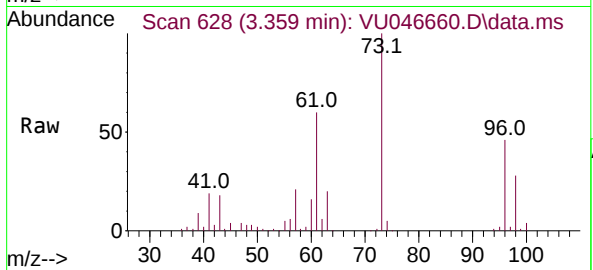




#17
trans-1,2-Dichloroethene
Concen: 47.005 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU046660.D
Acq: 05 Jan 2022 12:40

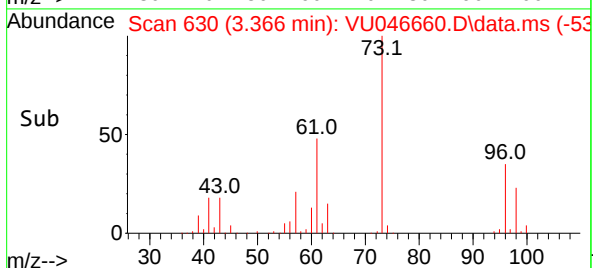
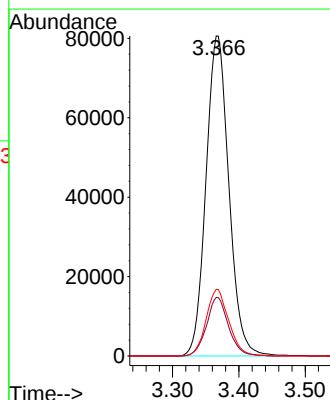
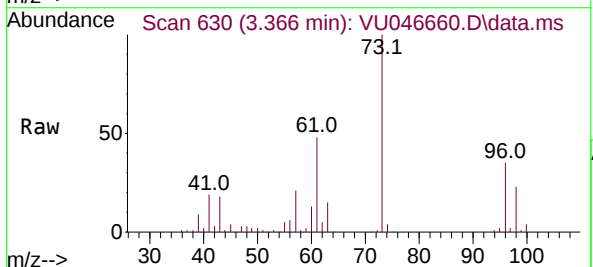
Instrument :
MSVOA_U
ClientSampleId :
VSTD050039

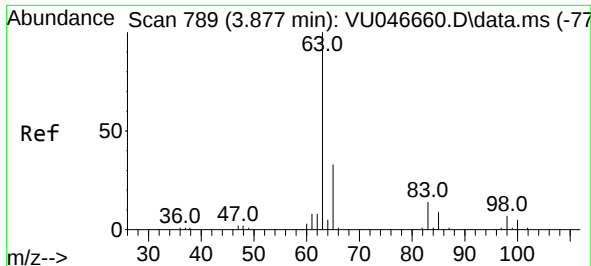
Tgt Ion:	96	Resp:	62847
Ion	Ratio	Lower	Upper
96	100		
61	132.2	92.5	171.9
98	60.5	42.4	78.6



#18
Methyl tert-butyl Ether
Concen: 46.925 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU046660.D
Acq: 05 Jan 2022 12:40

Tgt Ion:	73	Resp:	193181
Ion	Ratio	Lower	Upper
73	100		
43	17.6	14.1	21.1
57	20.5	16.4	24.6





#19

1,1-Dichloroethane

Concen: 47.278 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

Lab File: VU046660.D

Acq: 05 Jan 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

VSTD050039

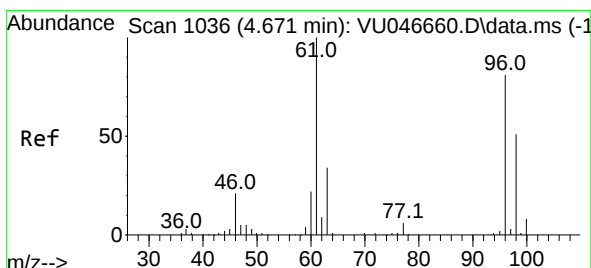
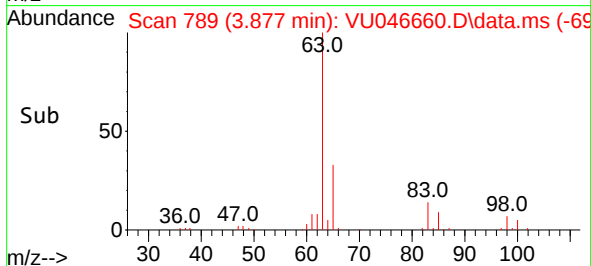
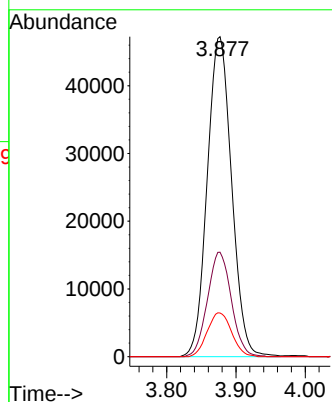
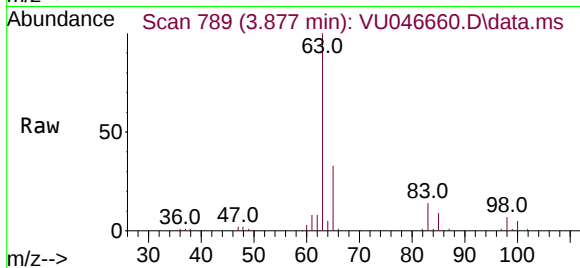
Tgt Ion: 63 Resp: 115325

Ion Ratio Lower Upper

63 100

65 32.6 22.8 42.4

83 13.7 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 47.734 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU046660.D

Acq: 05 Jan 2022 12:40

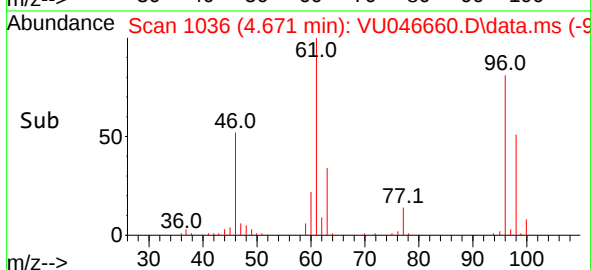
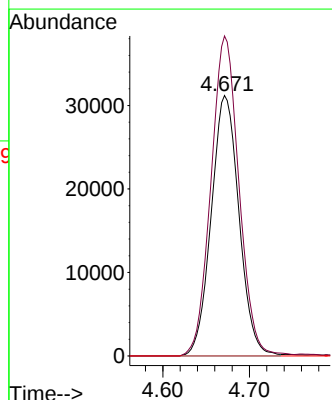
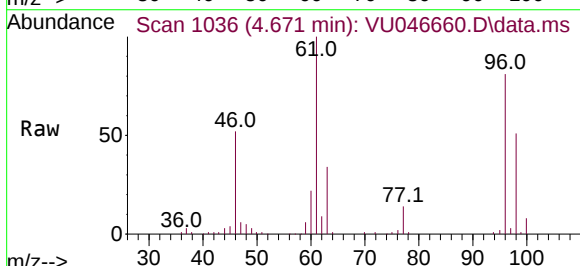
Tgt Ion: 96 Resp: 69483

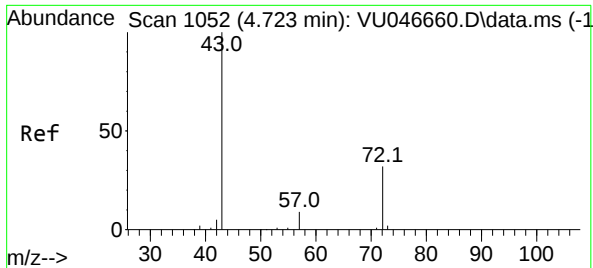
Ion Ratio Lower Upper

96 100

61 122.8 86.0 159.6

68 0.0 0.0 0.0

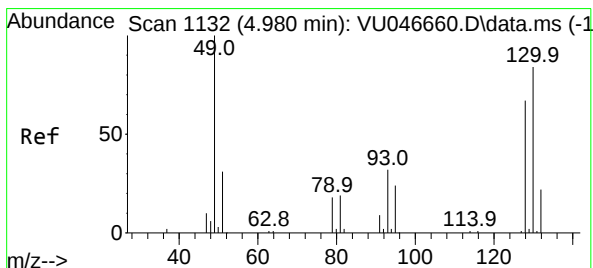
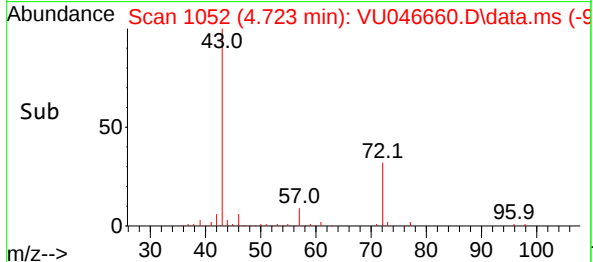
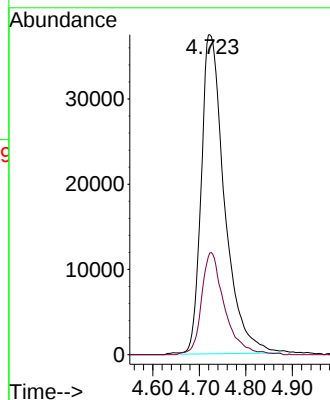
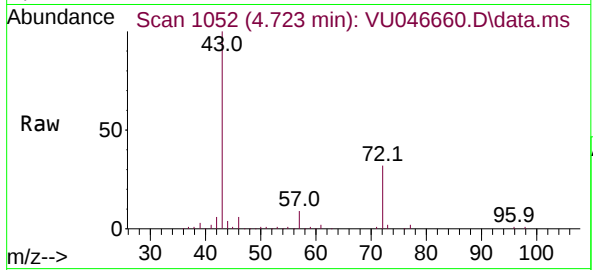




#22
2-Butanone
Concen: 82.256 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VU046660.D
Acq: 05 Jan 2022 12:40

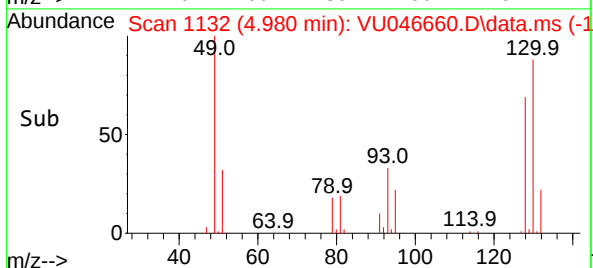
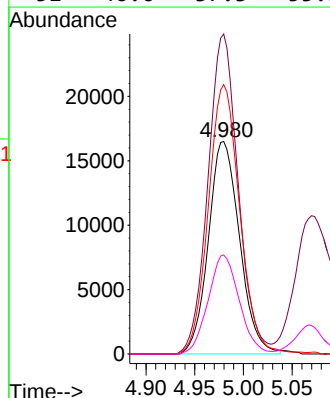
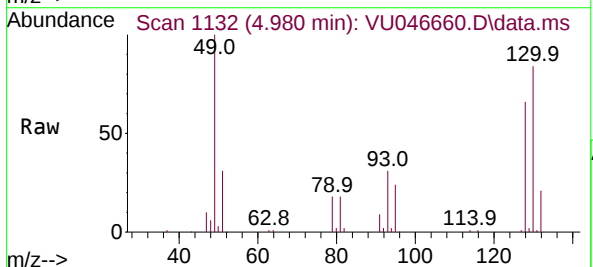
Instrument :
MSVOA_U
ClientSampleId :
VSTD050039

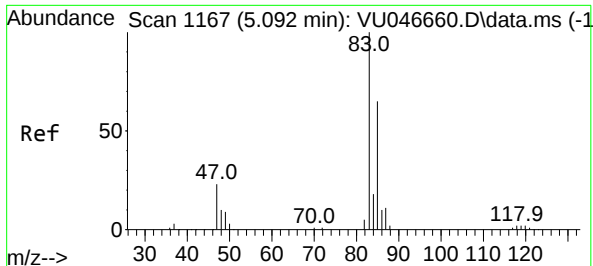
Tgt Ion: 43 Resp: 130454
Ion Ratio Lower Upper
43 100
72 31.2 15.6 46.8



#23
Bromochloromethane
Concen: 49.351 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU046660.D
Acq: 05 Jan 2022 12:40

Tgt Ion: 128 Resp: 36705
Ion Ratio Lower Upper
128 100
49 150.6 105.4 195.8
130 126.7 88.7 164.7
51 46.6 37.3 55.9

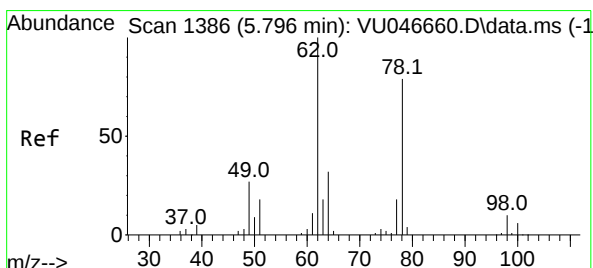
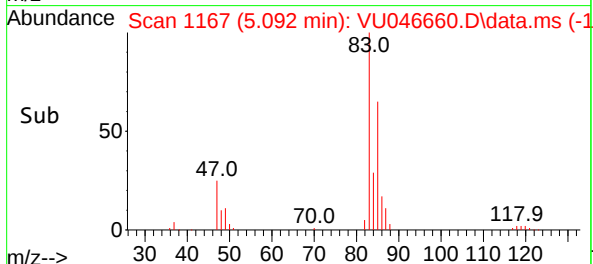
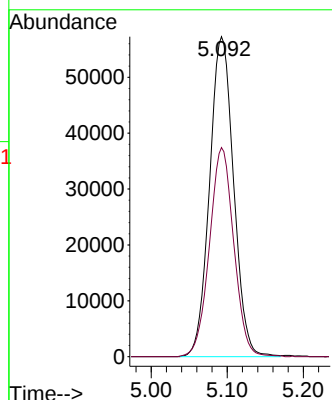
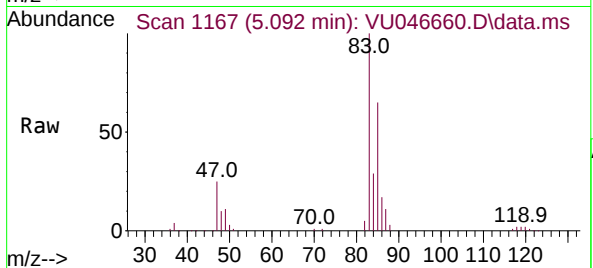




#25
Chloroform
Concen: 46.444 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU046660.D
Acq: 05 Jan 2022 12:40

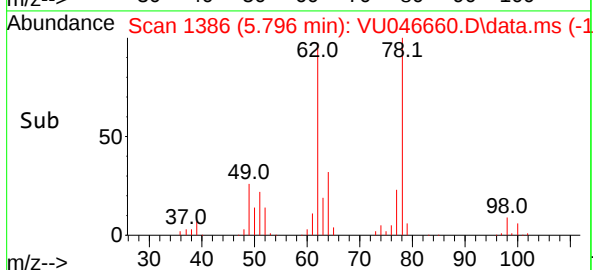
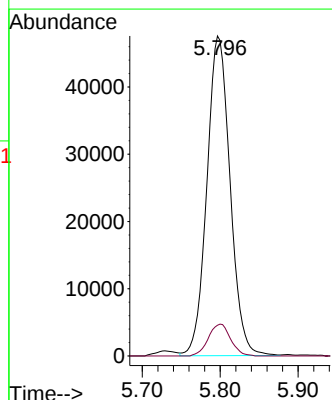
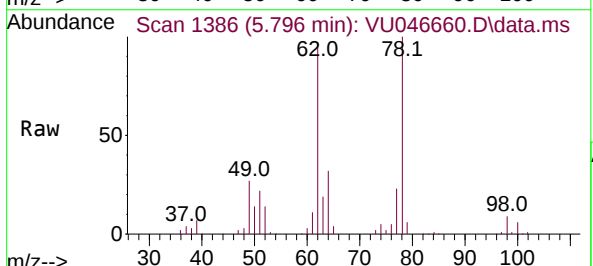
Instrument :
MSVOA_U
ClientSampleId :
VSTD050039

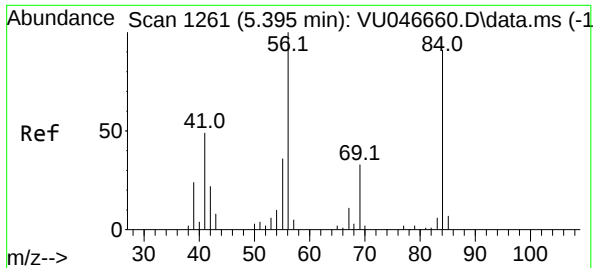
Tgt Ion: 83 Resp: 125841
Ion Ratio Lower Upper
83 100
85 65.3 45.7 84.9



#27
1,2-Dichloroethane
Concen: 48.581 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU046660.D
Acq: 05 Jan 2022 12:40

Tgt Ion: 62 Resp: 98345
Ion Ratio Lower Upper
62 100
98 9.6 7.7 11.5

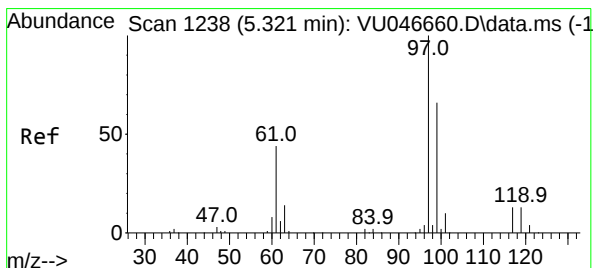
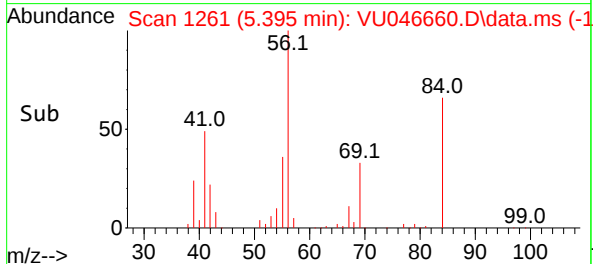
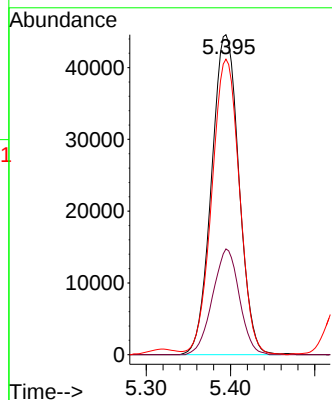
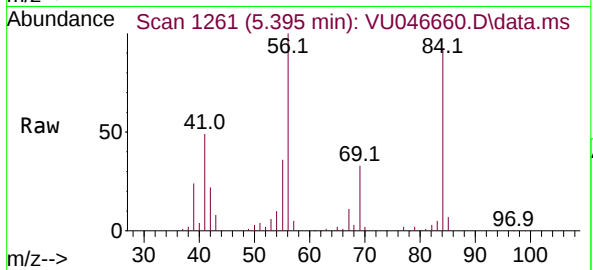




#29
Cyclohexane
Concen: 49.517 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VU046660.D
Acq: 05 Jan 2022 12:40

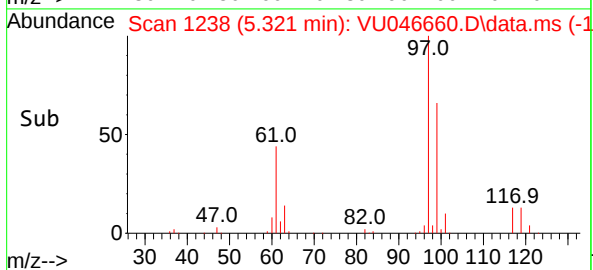
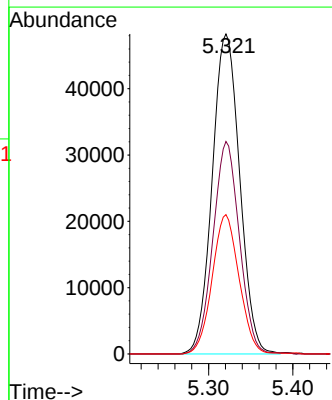
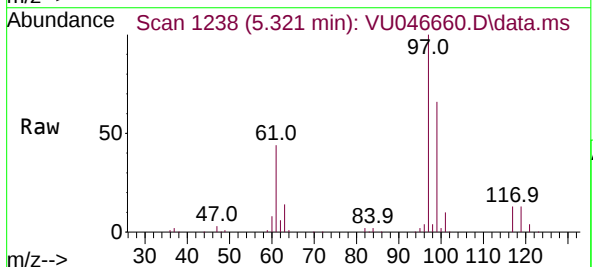
Instrument :
MSVOA_U
ClientSampleId :
VSTD050039

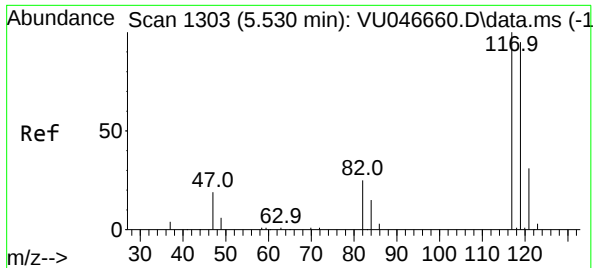
Tgt Ion: 56 Resp: 100704
Ion Ratio Lower Upper
56 100
69 32.2 25.8 38.6
84 92.7 74.2 111.2



#30
1,1,1-Trichloroethane
Concen: 50.247 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU046660.D
Acq: 05 Jan 2022 12:40

Tgt Ion: 97 Resp: 109415
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 42.6 34.1 51.1

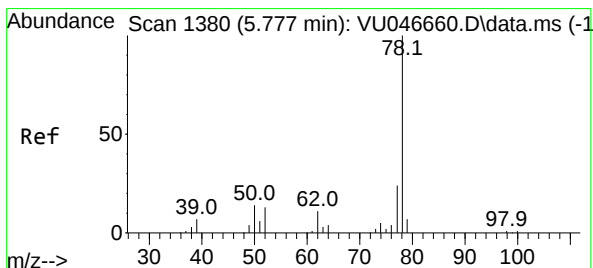
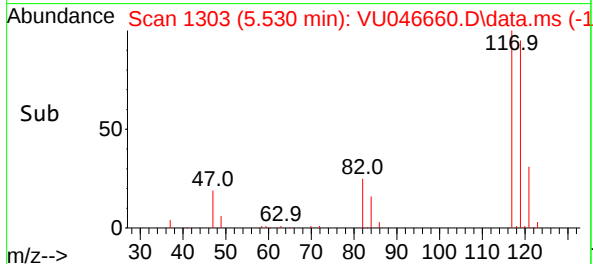
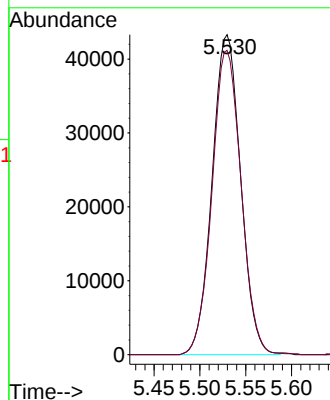
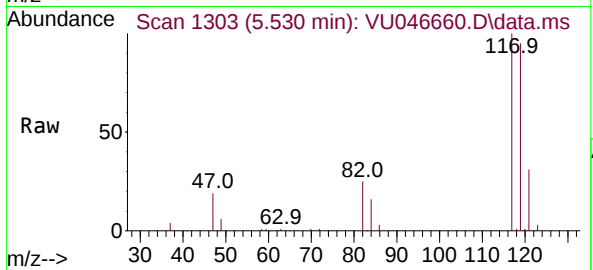




#31
Carbon tetrachloride
Concen: 50.774 ug/L
RT: 5.530 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VU046660.D
Acq: 05 Jan 2022 12:40

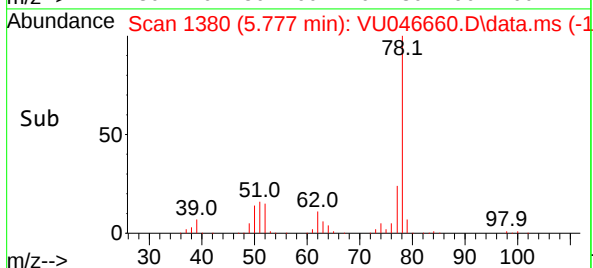
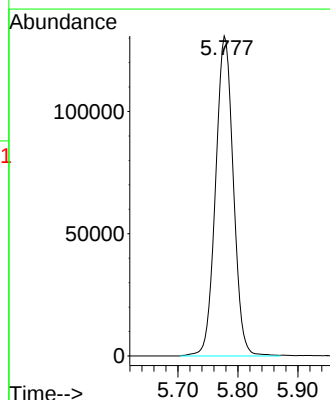
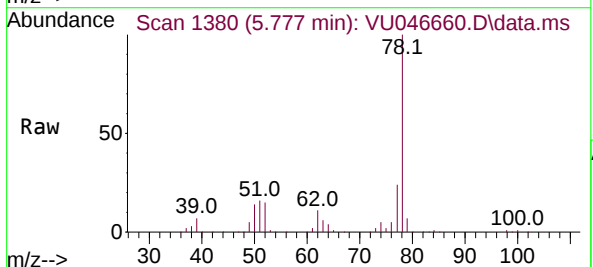
Instrument :
MSVOA_U
ClientSampleId :
VSTD050039

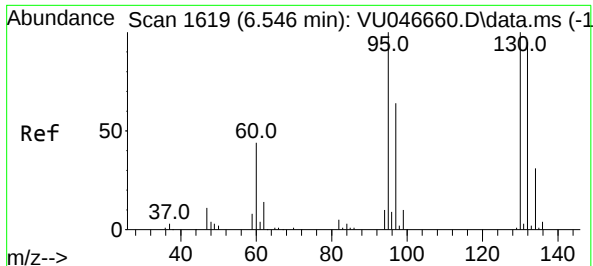
Tgt Ion:117 Resp: 93687
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3



#33
Benzene
Concen: 50.211 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU046660.D
Acq: 05 Jan 2022 12:40

Tgt Ion: 78 Resp: 268695

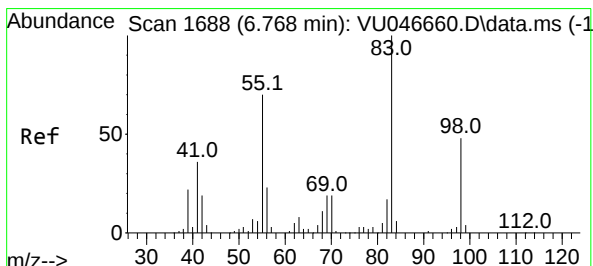
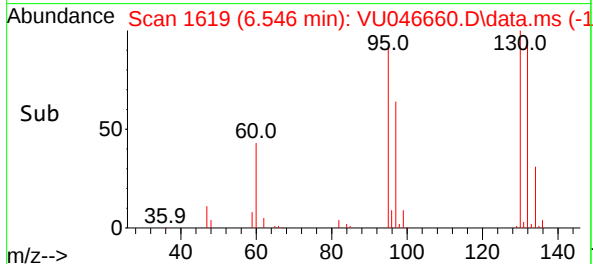
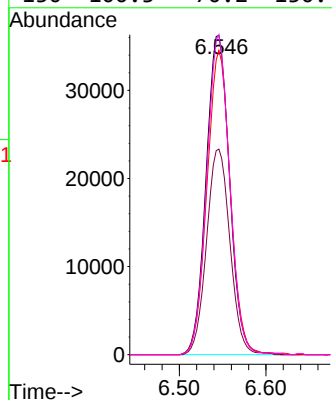
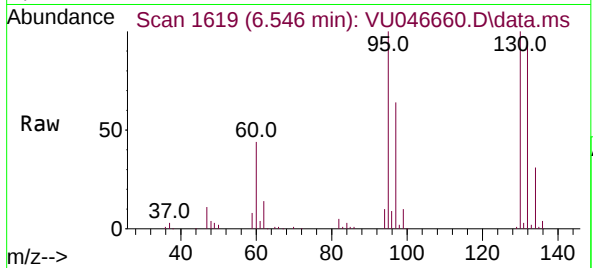




#34
Trichloroethene
Concen: 48.767 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046660.D
Acq: 05 Jan 2022 12:40

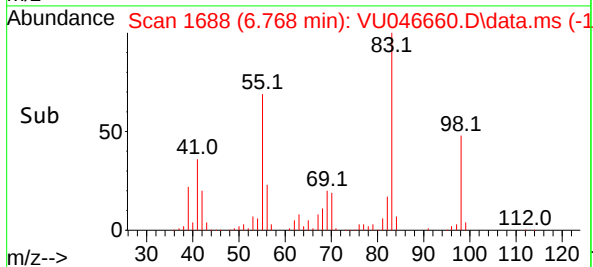
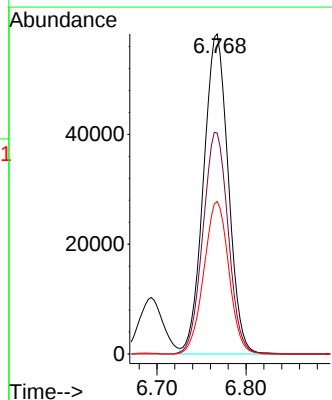
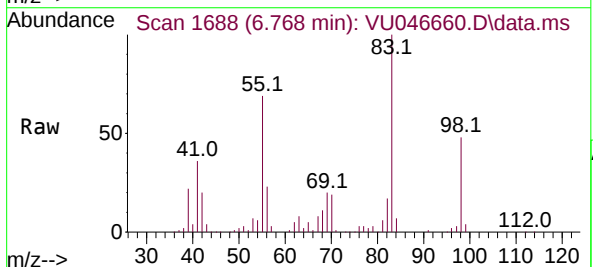
Instrument :
MSVOA_U
ClientSampleId :
VSTD050039

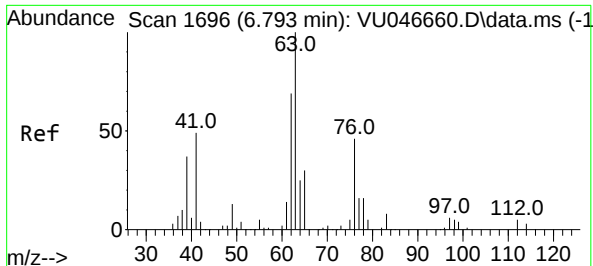
Tgt Ion: 95 Resp: 68339
Ion Ratio Lower Upper
95 100
97 64.4 45.1 83.7
132 95.3 66.7 123.9
130 100.3 70.2 130.4



#35
Methylcyclohexane
Concen: 51.761 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU046660.D
Acq: 05 Jan 2022 12:40

Tgt Ion: 83 Resp: 112419
Ion Ratio Lower Upper
83 100
55 70.8 56.6 85.0
98 48.0 38.4 57.6





#37

1,2-Dichloropropane

Concen: 49.251 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU046660.D

Acq: 05 Jan 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

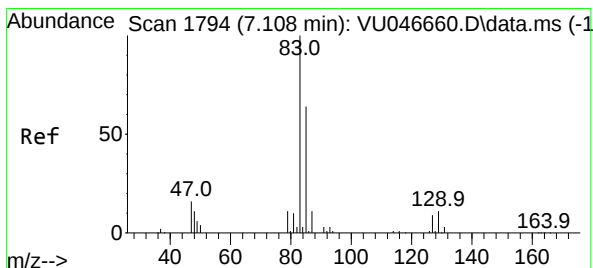
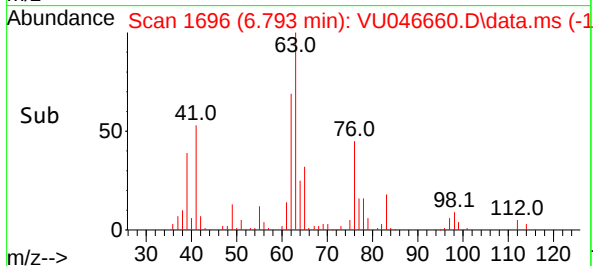
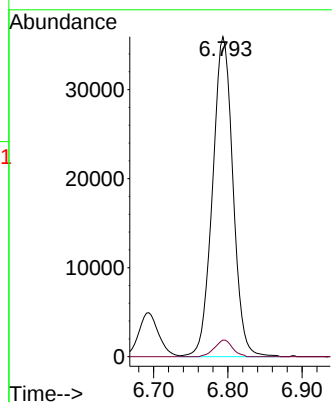
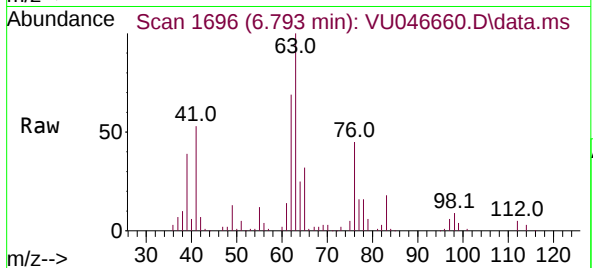
VSTD050039

Tgt Ion: 63 Resp: 68815

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 50.104 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU046660.D

Acq: 05 Jan 2022 12:40

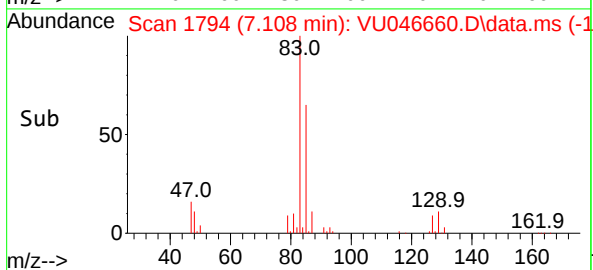
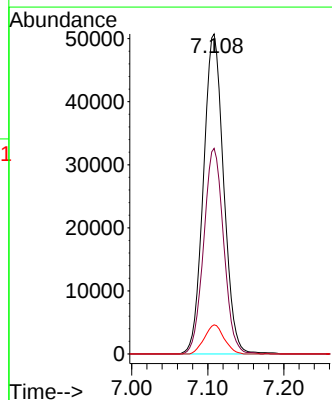
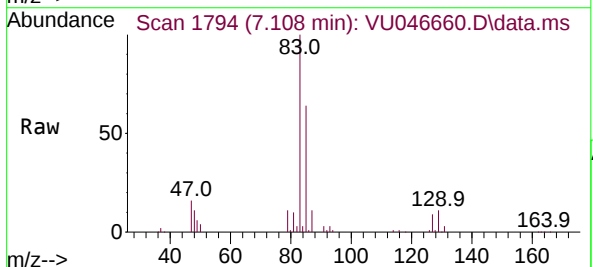
Tgt Ion: 83 Resp: 93635

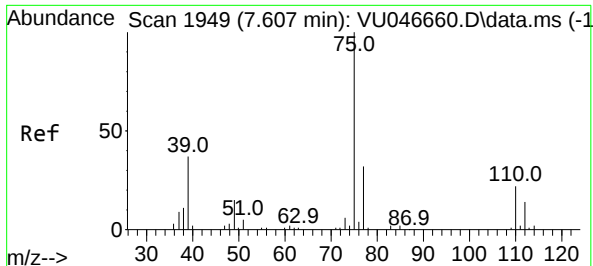
Ion Ratio Lower Upper

83 100

85 64.3 45.0 83.6

127 9.1 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 50.526 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU046660.D

Acq: 05 Jan 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

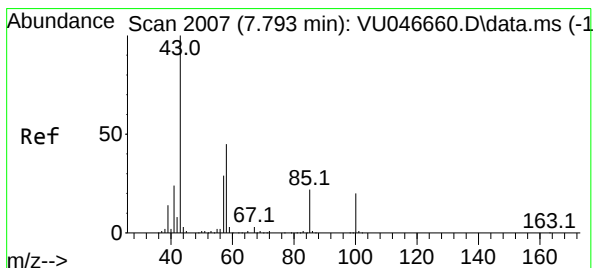
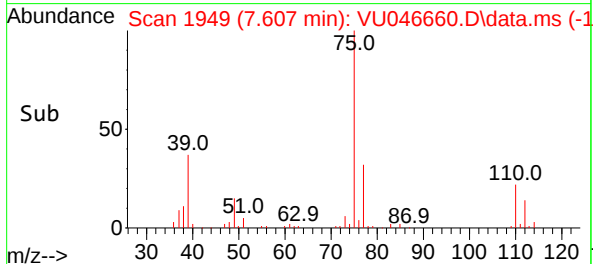
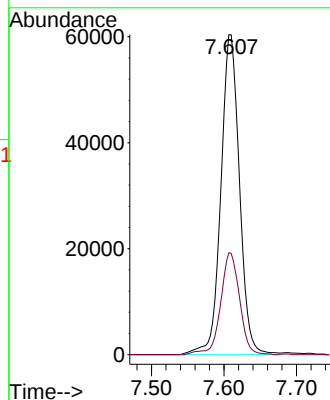
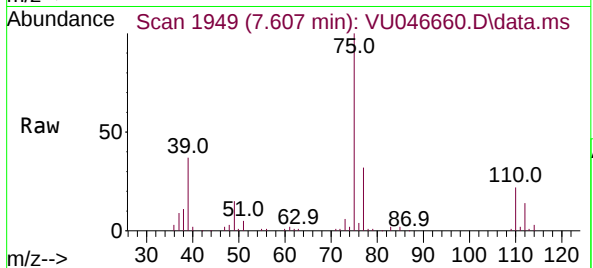
VSTD050039

Tgt Ion: 75 Resp: 107718

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 95.518 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU046660.D

Acq: 05 Jan 2022 12:40

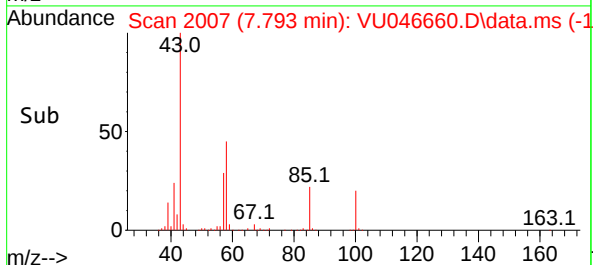
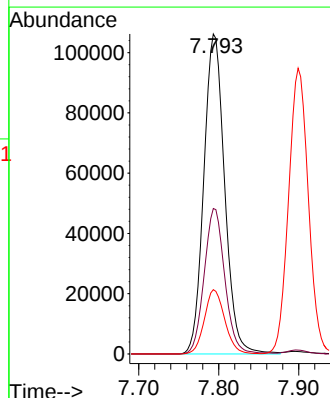
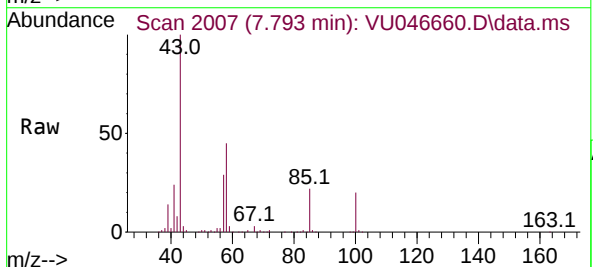
Tgt Ion: 43 Resp: 193139

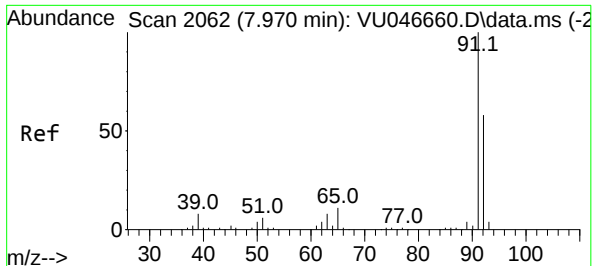
Ion Ratio Lower Upper

43 100

58 44.8 35.8 53.8

100 19.6 15.7 23.5





#42

Toluene

Concen: 50.895 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU046660.D

Acq: 05 Jan 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

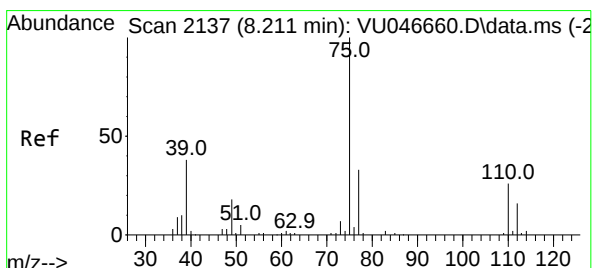
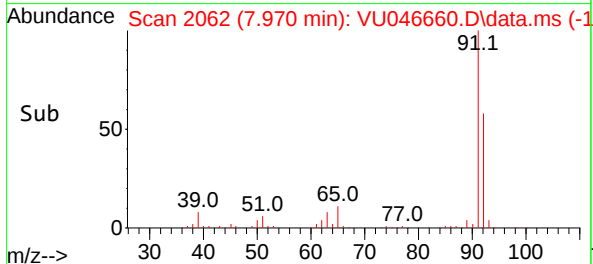
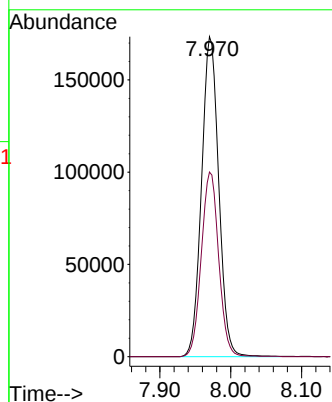
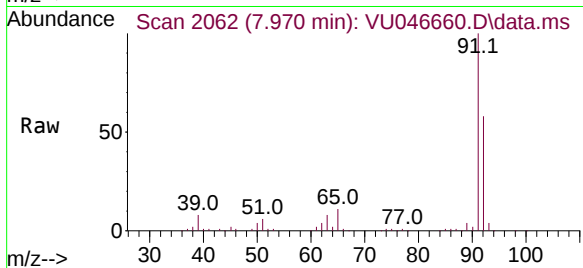
VSTD050039

Tgt Ion: 91 Resp: 292194

Ion Ratio Lower Upper

91 100

92 57.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 49.709 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU046660.D

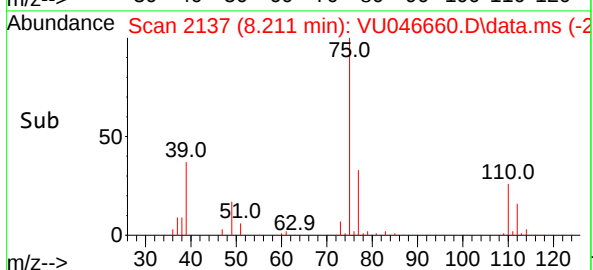
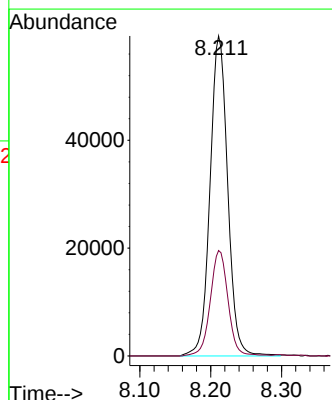
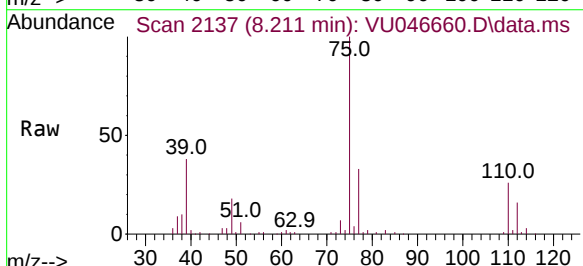
Acq: 05 Jan 2022 12:40

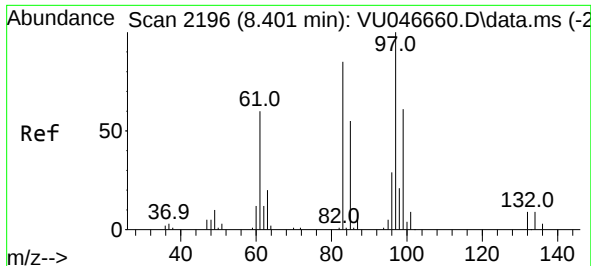
Tgt Ion: 75 Resp: 102874

Ion Ratio Lower Upper

75 100

77 32.9 23.0 42.8





#45

1,1,2-Trichloroethane

Concen: 49.013 ug/L

RT: 8.401 min Scan# 2196

Delta R.T. 0.000 min

Lab File: VU046660.D

Acq: 05 Jan 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

VSTD050039

Tgt Ion: 97 Resp: 69040

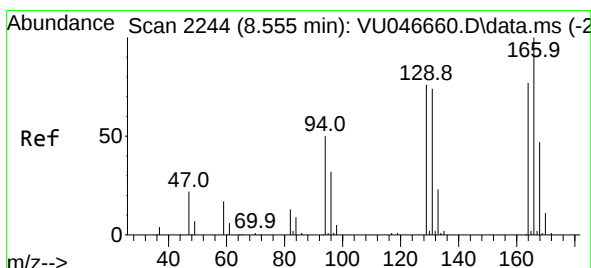
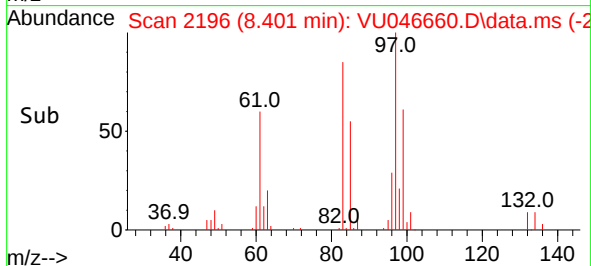
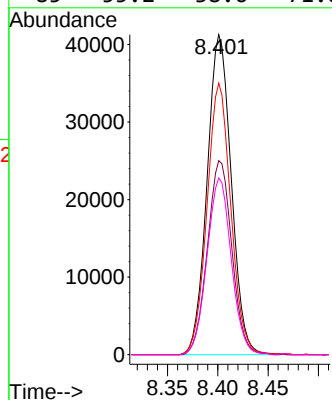
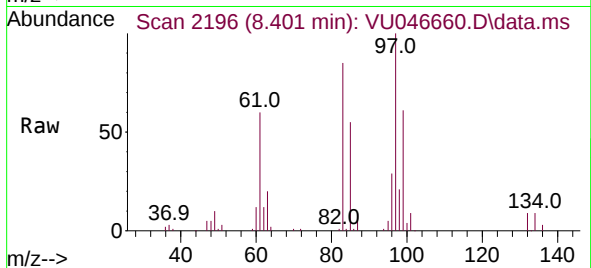
Ion Ratio Lower Upper

97 100

99 60.6 42.4 78.8

83 84.9 59.4 110.4

85 55.2 38.6 71.8



#46

Tetrachloroethene

Concen: 50.324 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU046660.D

Acq: 05 Jan 2022 12:40

Tgt Ion:164 Resp: 52190

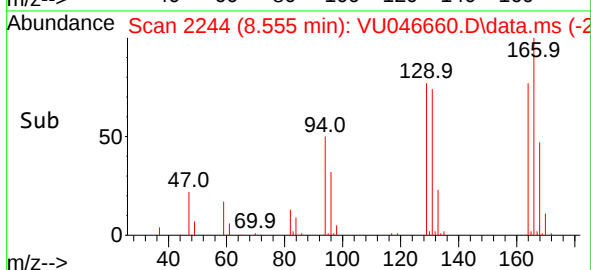
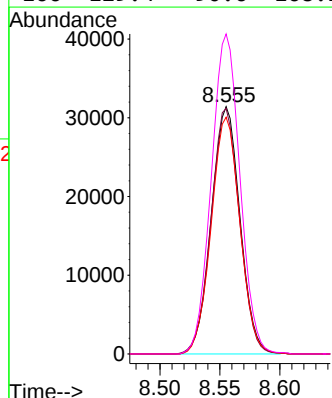
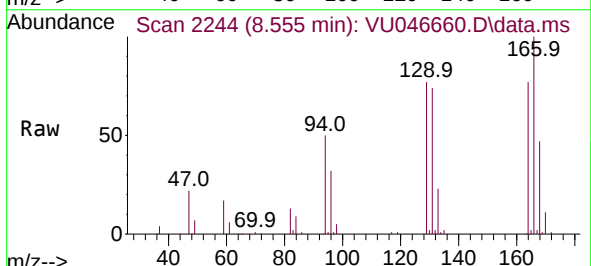
Ion Ratio Lower Upper

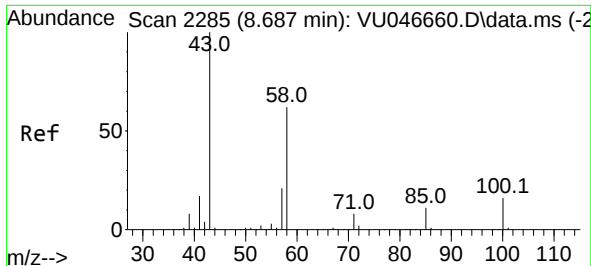
164 100

129 99.3 69.5 129.1

131 95.7 67.0 124.4

166 129.4 90.6 168.2



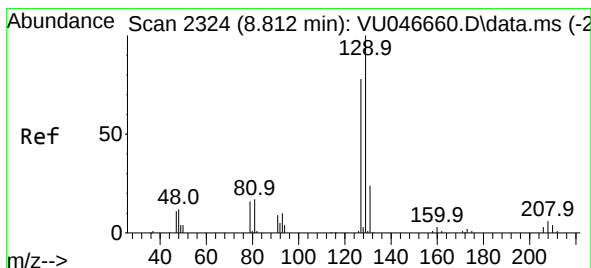
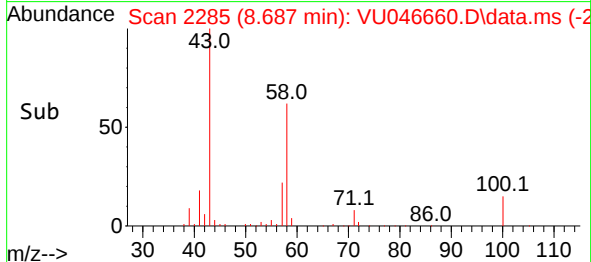
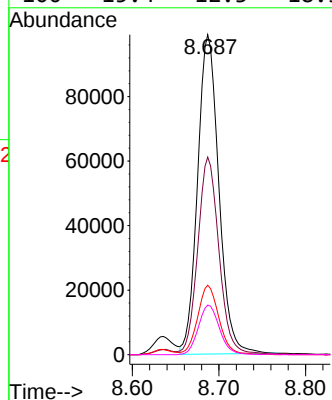
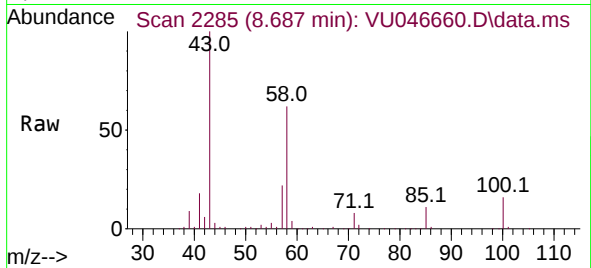


#48
2-Hexanone
Concen: 94.198 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VU046660.D
Acq: 05 Jan 2022 12:40

Instrument :
MSVOA_U
ClientSampleId :
VSTD050039

Tgt Ion: 43 Resp: 168760

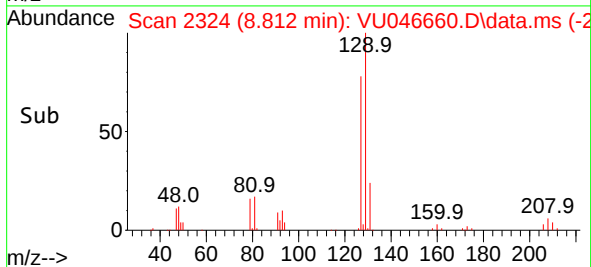
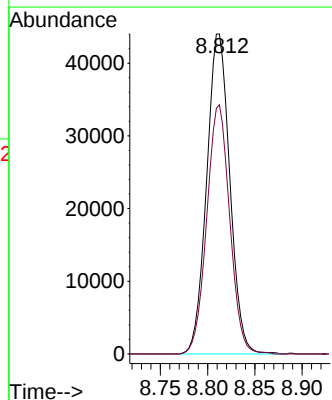
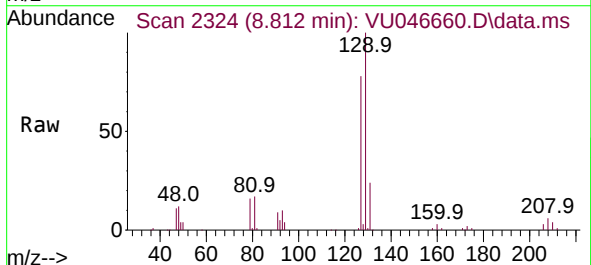
Ion	Ratio	Lower	Upper
43	100		
58	61.8	49.4	74.2
57	21.9	17.5	26.3
100	15.4	12.3	18.5

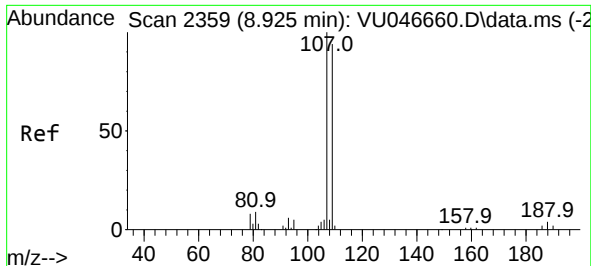


#49
Dibromochloromethane
Concen: 50.682 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046660.D
Acq: 05 Jan 2022 12:40

Tgt Ion: 129 Resp: 75053

Ion	Ratio	Lower	Upper
129	100		
127	77.9	54.5	101.3





#50

1,2-Dibromoethane

Concen: 48.599 ug/L

RT: 8.925 min Scan# 2359

Delta R.T. 0.000 min

Lab File: VU046660.D

Acq: 05 Jan 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

VSTD050039

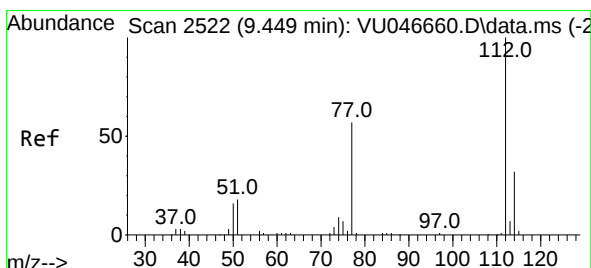
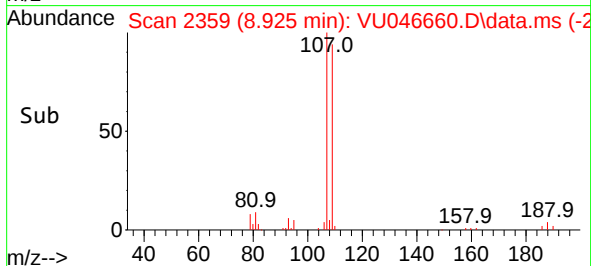
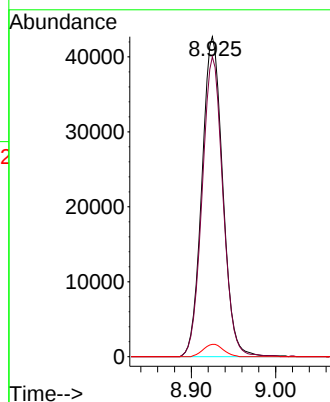
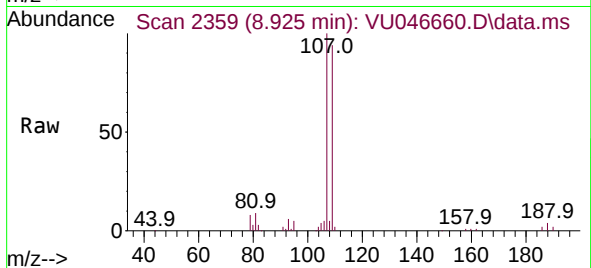
Tgt Ion:107 Resp: 73583

Ion Ratio Lower Upper

107 100

109 93.7 65.6 121.8

188 3.9 3.1 4.7



#51

Chlorobenzene

Concen: 49.246 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU046660.D

Acq: 05 Jan 2022 12:40

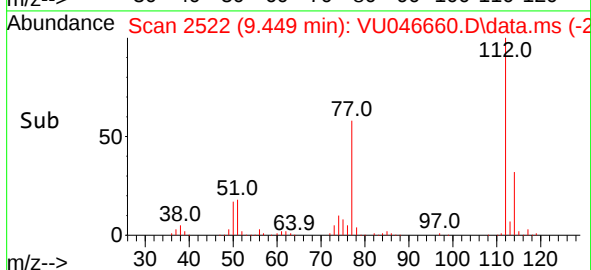
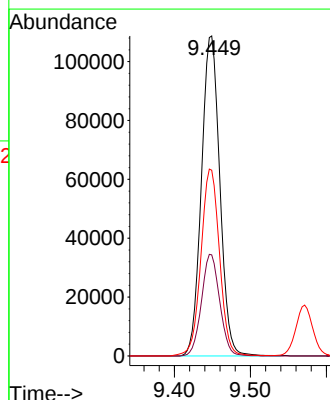
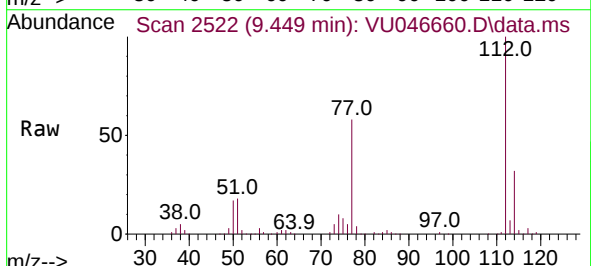
Tgt Ion:112 Resp: 182963

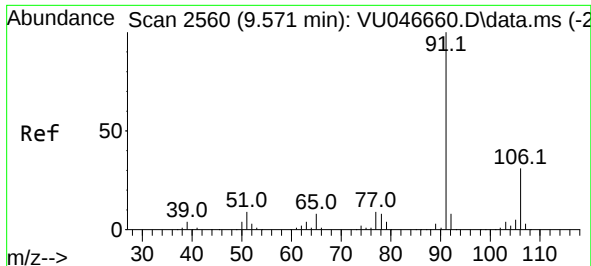
Ion Ratio Lower Upper

112 100

114 31.6 22.1 41.1

77 58.1 46.5 69.7

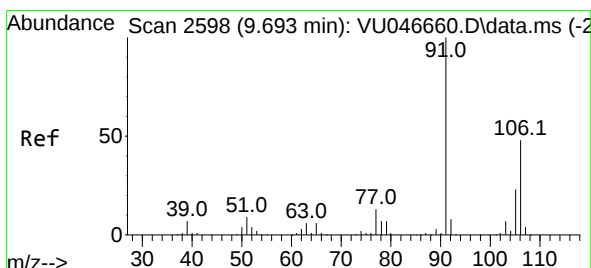
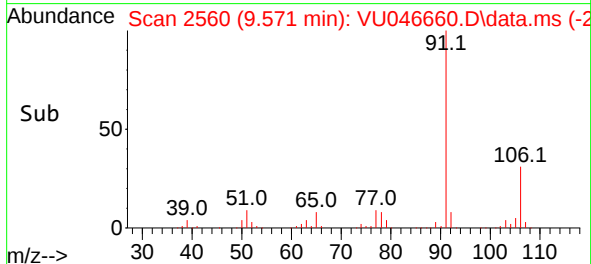
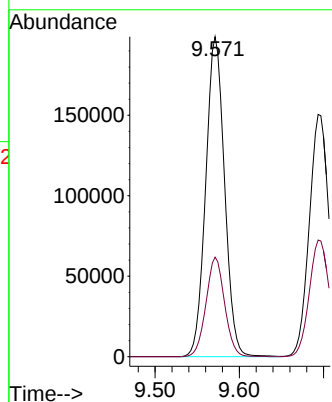
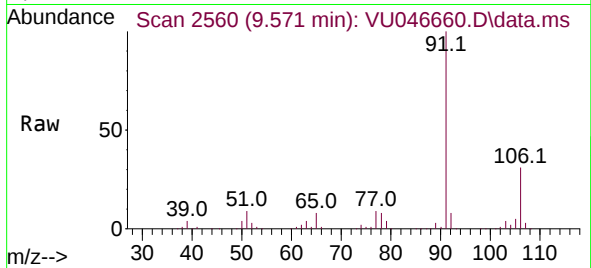




#52
Ethylbenzene
Concen: 50.368 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU046660.D
Acq: 05 Jan 2022 12:40

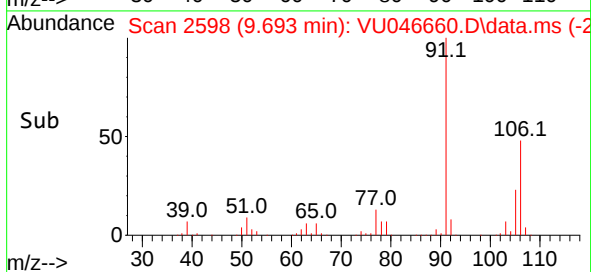
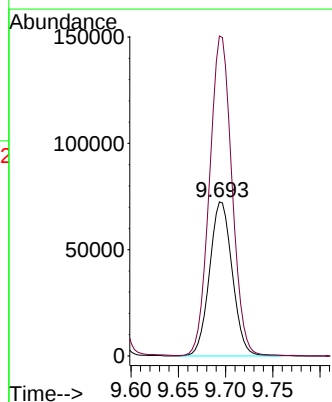
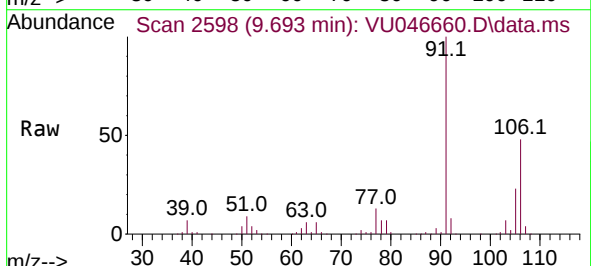
Instrument :
MSVOA_U
ClientSampleId :
VSTD050039

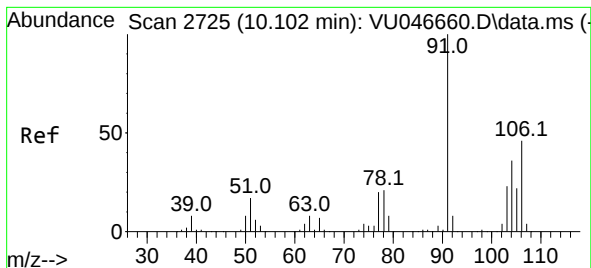
Tgt Ion: 91 Resp: 309023
Ion Ratio Lower Upper
91 100
106 31.1 21.8 40.4



#53
m,p-Xylene
Concen: 50.608 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU046660.D
Acq: 05 Jan 2022 12:40

Tgt Ion: 106 Resp: 121102
Ion Ratio Lower Upper
106 100
91 207.8 145.5 270.1





#54

o-xylene

Concen: 50.170 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. 0.000 min

Lab File: VU046660.D

Acq: 05 Jan 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

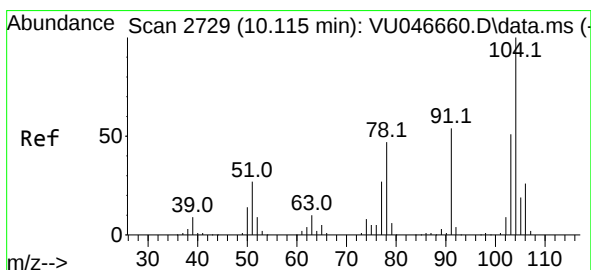
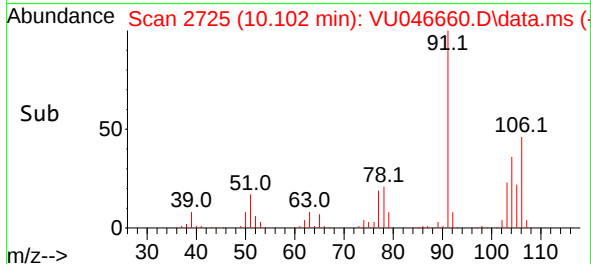
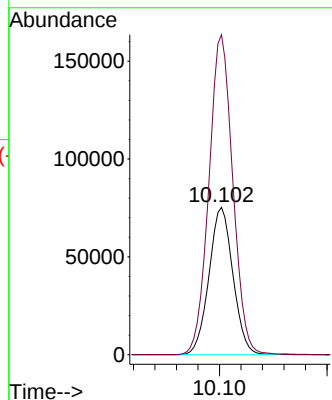
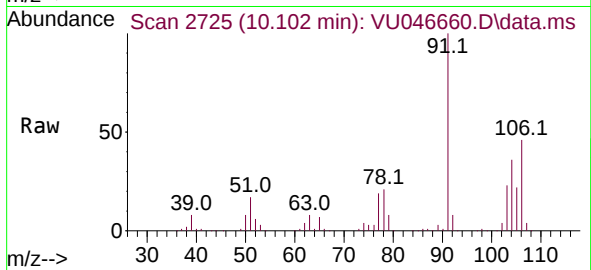
VSTD050039

Tgt Ion:106 Resp: 116562

Ion Ratio Lower Upper

106 100

91 217.1 152.0 282.2



#55

Styrene

Concen: 51.474 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU046660.D

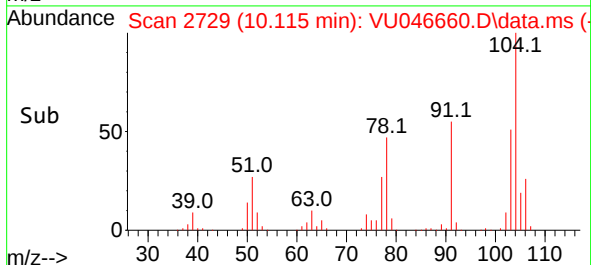
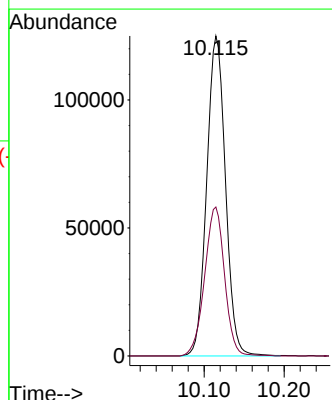
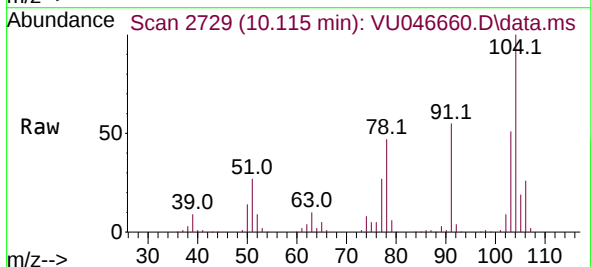
Acq: 05 Jan 2022 12:40

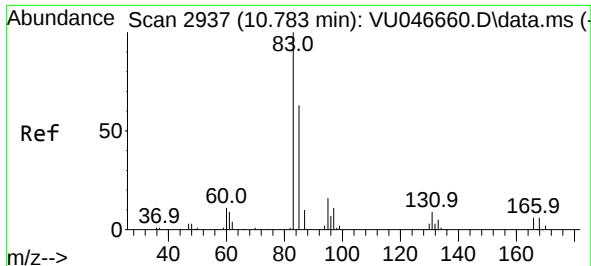
Tgt Ion:104 Resp: 204226

Ion Ratio Lower Upper

104 100

78 46.6 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 49.627 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU046660.D

Acq: 05 Jan 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

VSTD050039

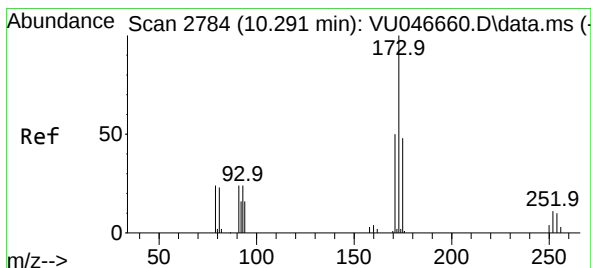
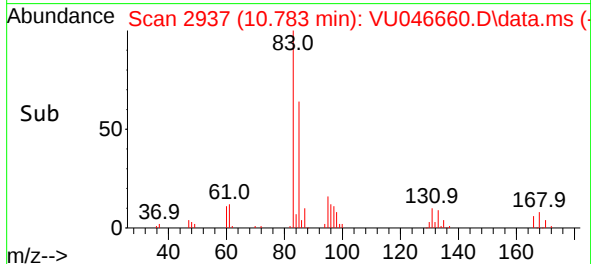
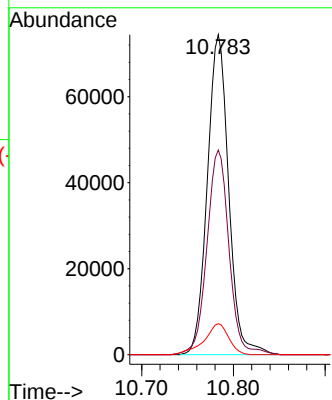
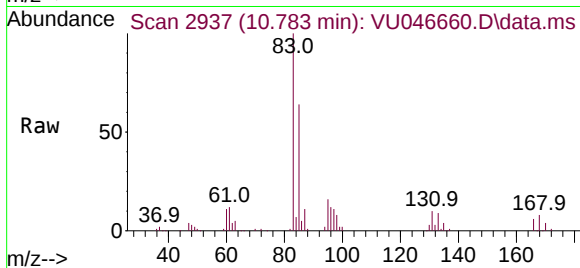
Tgt Ion: 83 Resp: 120510

Ion Ratio Lower Upper

83 100

85 63.9 44.7 83.1

131 9.7 7.8 11.6



#59

Bromoform

Concen: 50.995 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU046660.D

Acq: 05 Jan 2022 12:40

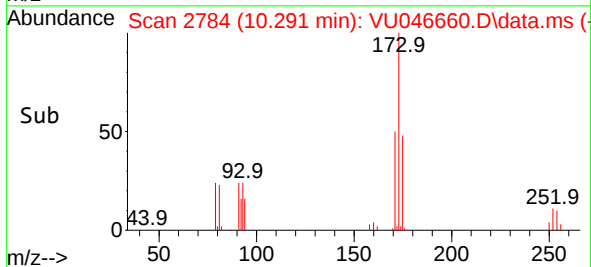
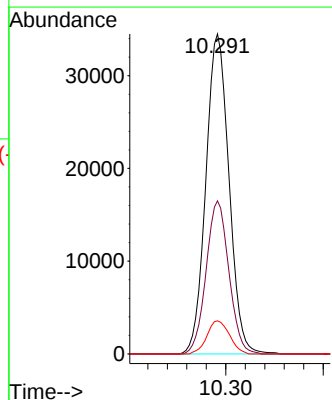
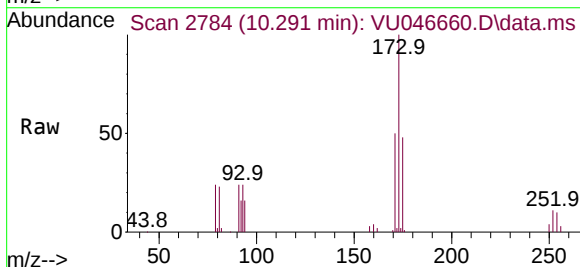
Tgt Ion:173 Resp: 56812

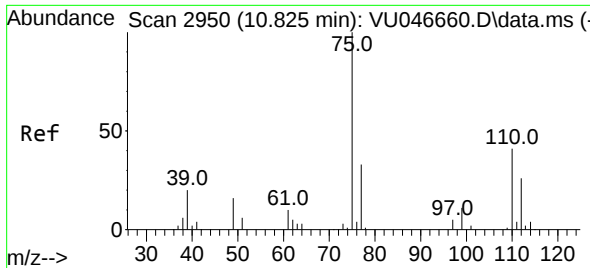
Ion Ratio Lower Upper

173 100

175 47.0 37.6 56.4

254 10.1 8.1 12.1

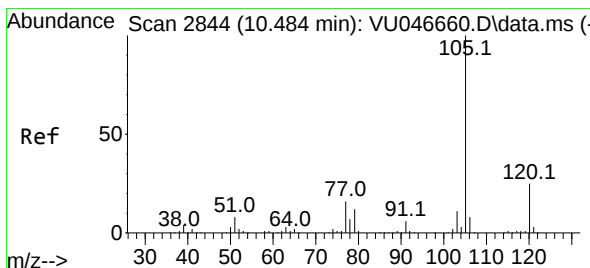
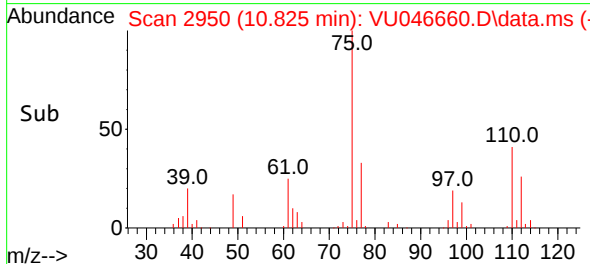
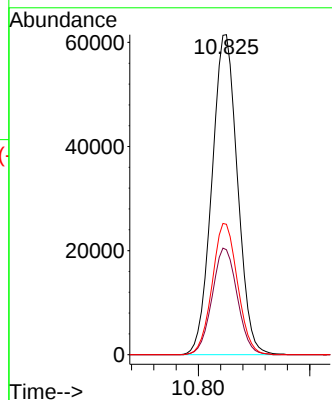
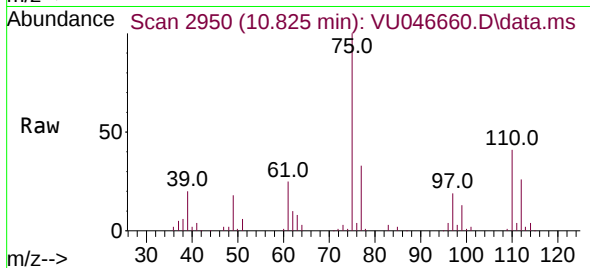




#60
1,2,3-Trichloropropane
Concen: 47.665 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU046660.D
Acq: 05 Jan 2022 12:40

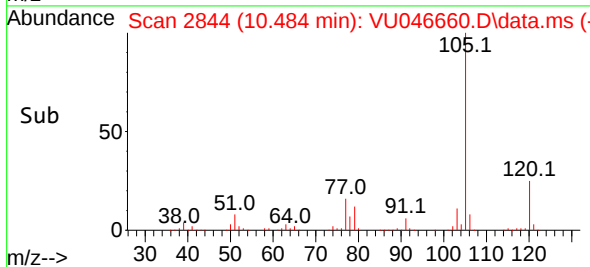
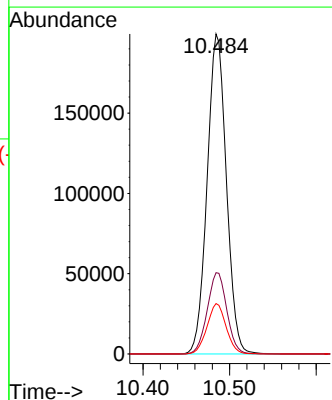
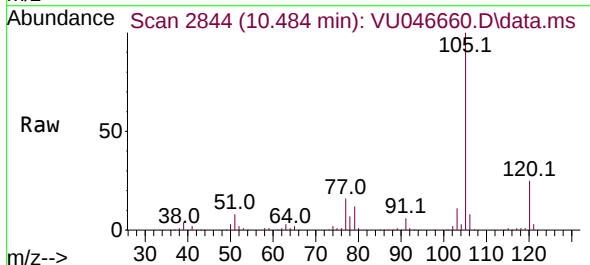
Instrument :
MSVOA_U
ClientSampleId :
VSTD050039

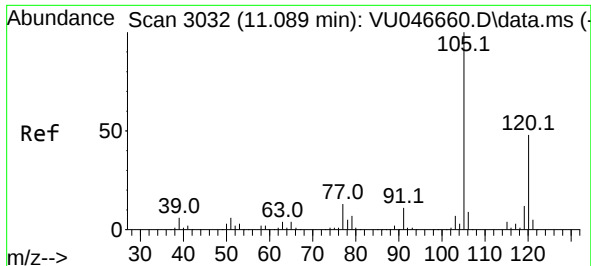
Tgt Ion:	75	Resp:	98151
Ion	Ratio	Lower	Upper
75	100		
77	32.7	26.2	39.2
110	40.6	32.5	48.7



#61
Isopropylbenzene
Concen: 50.614 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU046660.D
Acq: 05 Jan 2022 12:40

Tgt Ion:	105	Resp:	306981
Ion	Ratio	Lower	Upper
105	100		
120	25.8	20.6	31.0
77	15.7	12.6	18.8

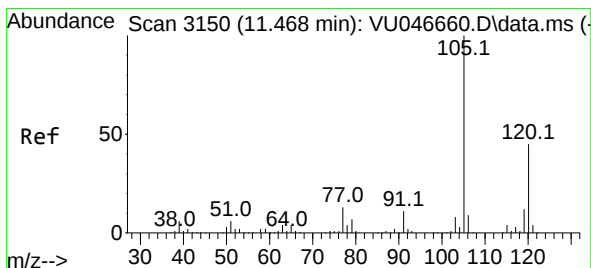
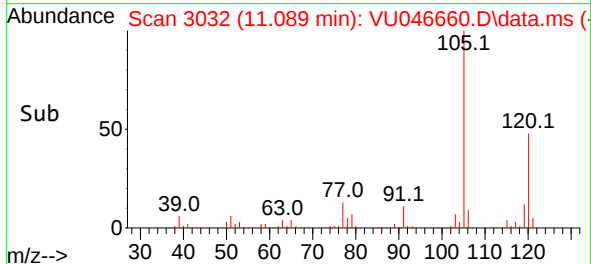
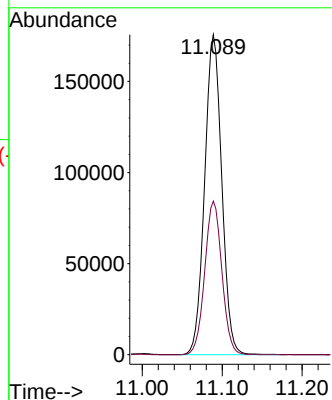
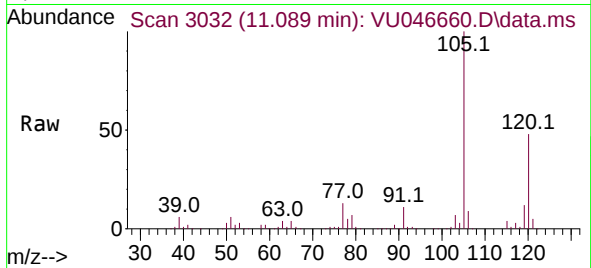




#62
 1,3,5-Trimethylbenzene
 Concen: 51.855 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU046660.D
 Acq: 05 Jan 2022 12:40

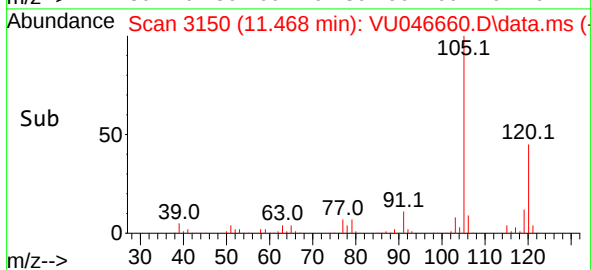
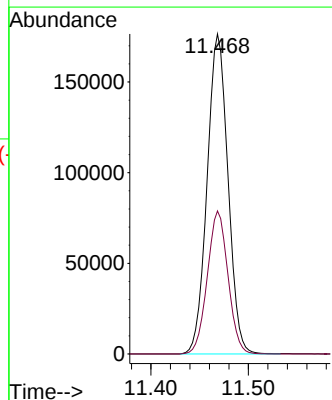
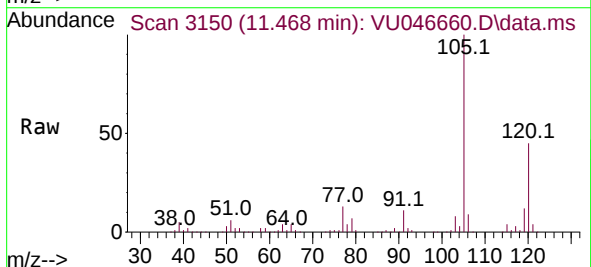
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050039

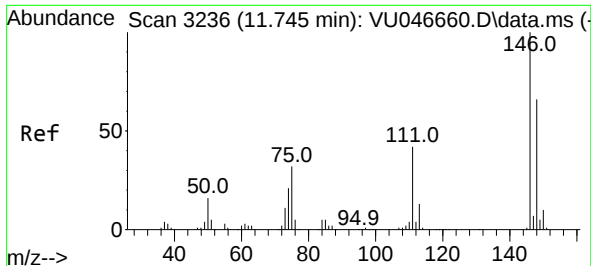
Tgt Ion:105 Resp: 262014
 Ion Ratio Lower Upper
 105 100
 120 48.0 38.4 57.6



#63
 1,2,4-Trimethylbenzene
 Concen: 51.884 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU046660.D
 Acq: 05 Jan 2022 12:40

Tgt Ion:105 Resp: 262145
 Ion Ratio Lower Upper
 105 100
 120 44.3 35.4 53.2

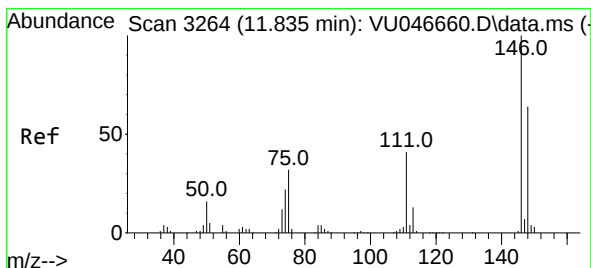
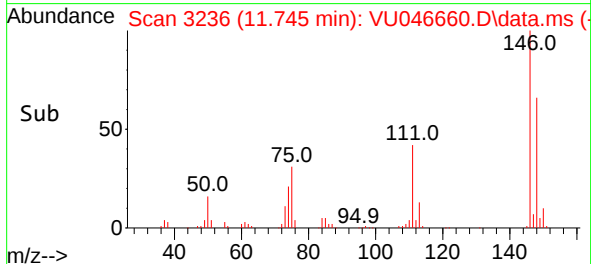
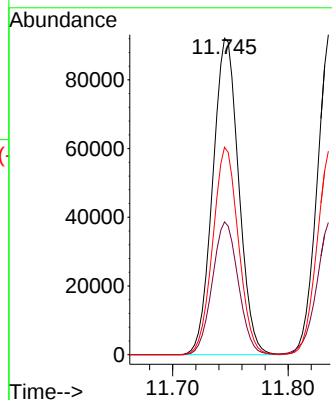
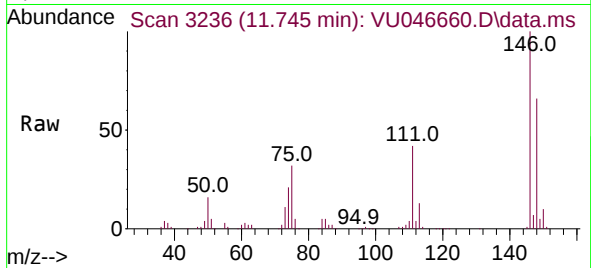




#64
 1,3-Dichlorobenzene
 Concen: 49.808 ug/L
 RT: 11.745 min Scan# 3236
 Delta R.T. 0.000 min
 Lab File: VU046660.D
 Acq: 05 Jan 2022 12:40

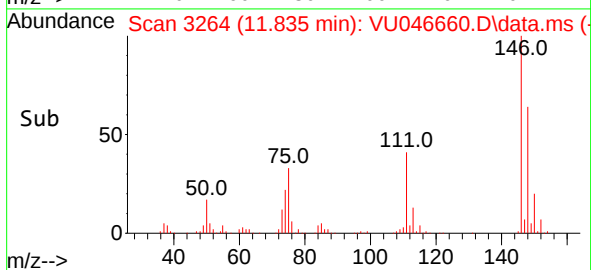
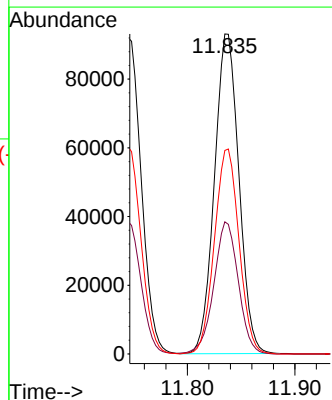
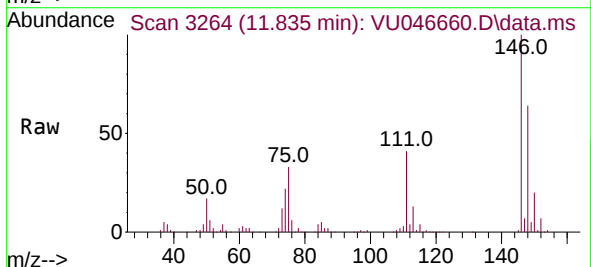
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050039

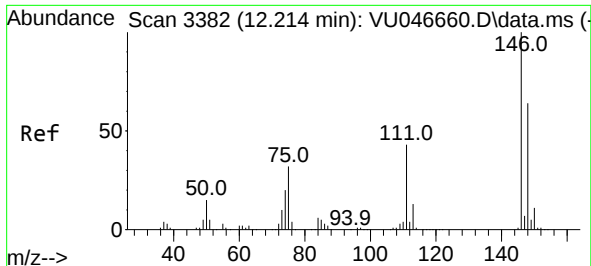
Tgt Ion:146 Resp: 144199
 Ion Ratio Lower Upper
 146 100
 111 42.0 29.4 54.6
 148 65.5 45.8 85.2



#65
 1,4-Dichlorobenzene
 Concen: 49.138 ug/L
 RT: 11.835 min Scan# 3264
 Delta R.T. 0.000 min
 Lab File: VU046660.D
 Acq: 05 Jan 2022 12:40

Tgt Ion:146 Resp: 147079
 Ion Ratio Lower Upper
 146 100
 111 41.3 28.9 53.7
 148 63.6 44.5 82.7

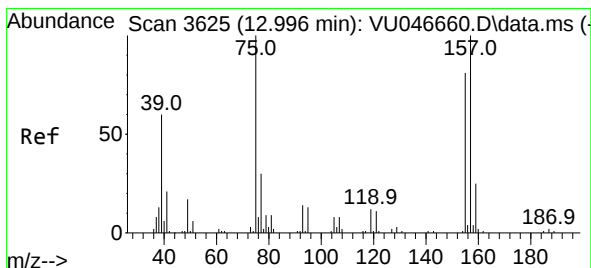
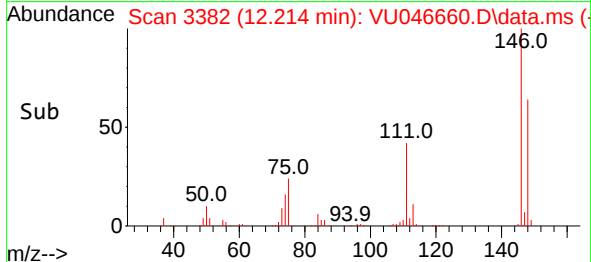
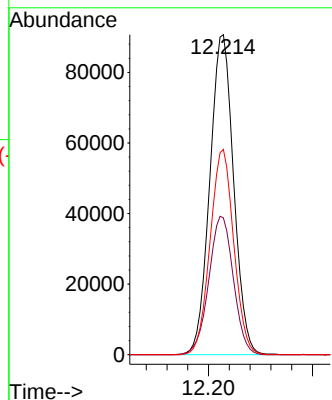
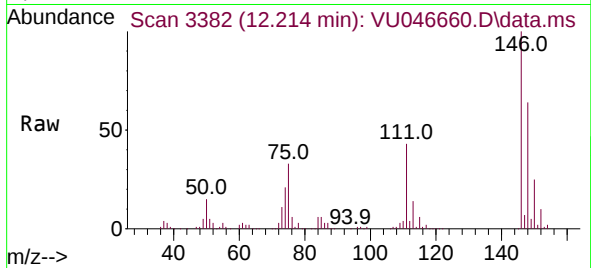




#67
1,2-Dichlorobenzene
Concen: 49.397 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU046660.D
Acq: 05 Jan 2022 12:40

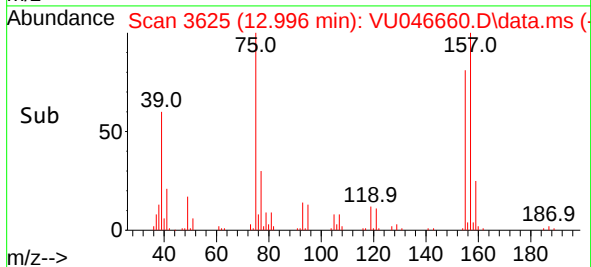
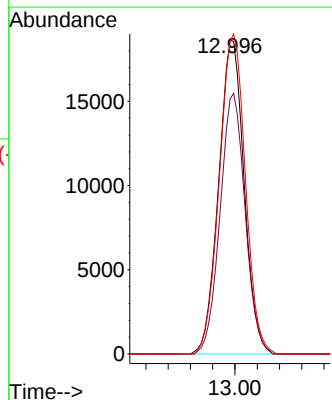
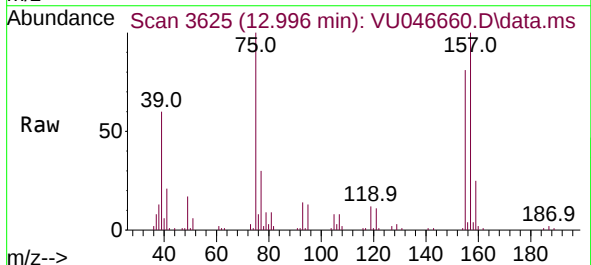
Instrument :
MSVOA_U
ClientSampleId :
VSTD050039

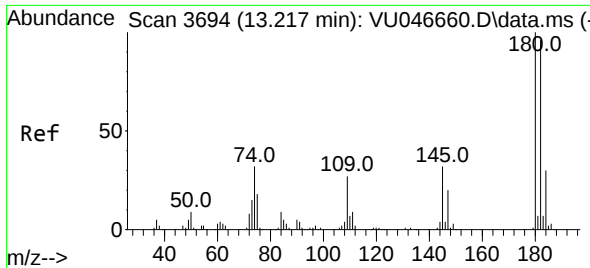
Tgt Ion:146 Resp: 144169
Ion Ratio Lower Upper
146 100
111 42.8 34.2 51.4
148 64.1 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 52.676 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU046660.D
Acq: 05 Jan 2022 12:40

Tgt Ion: 75 Resp: 29550
Ion Ratio Lower Upper
75 100
155 81.2 65.0 97.4
157 99.6 79.7 119.5



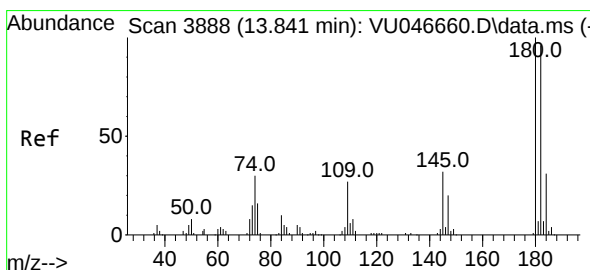
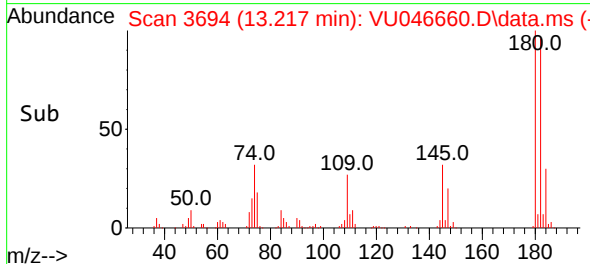
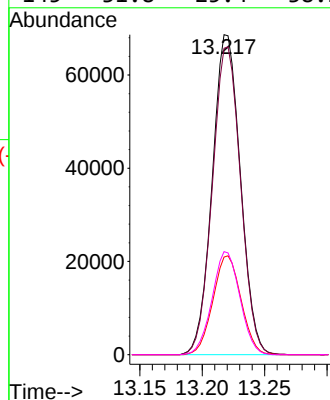
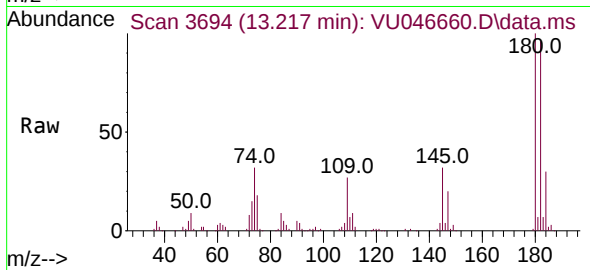


#69
1,3,5-Trichlorobenzene
Concen: 50.975 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. 0.000 min
Lab File: VU046660.D
Acq: 05 Jan 2022 12:40

Instrument :
MSVOA_U
ClientSampleId :
VSTD050039

Tgt Ion:180 Resp: 107981

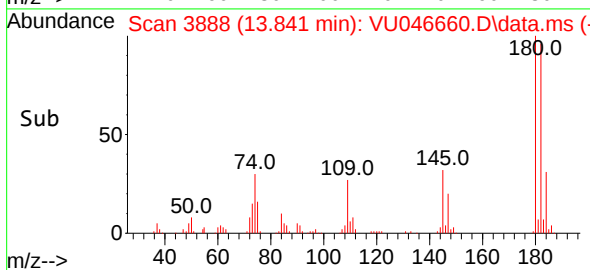
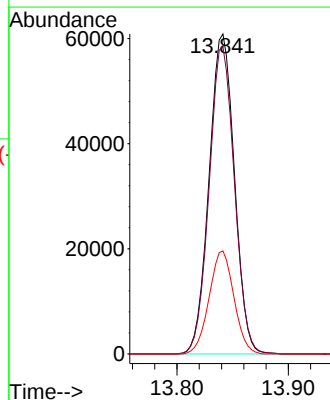
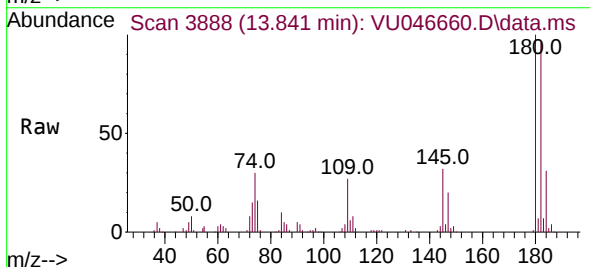
Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.0	115.6
184	30.9	24.7	37.1
145	31.8	25.4	38.2

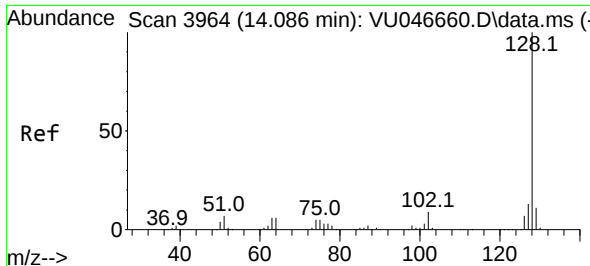


#70
1,2,4-trichlorobenzene
Concen: 51.082 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU046660.D
Acq: 05 Jan 2022 12:40

Tgt Ion:180 Resp: 96144

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.6	114.8
145	31.5	25.2	37.8

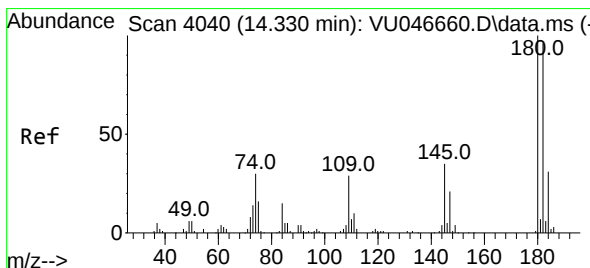
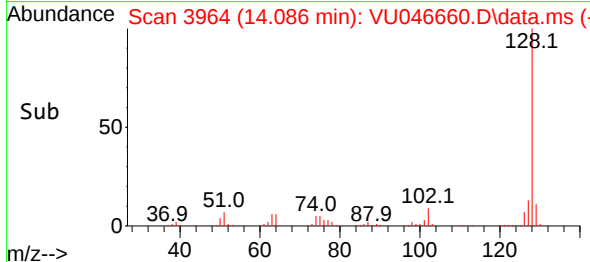
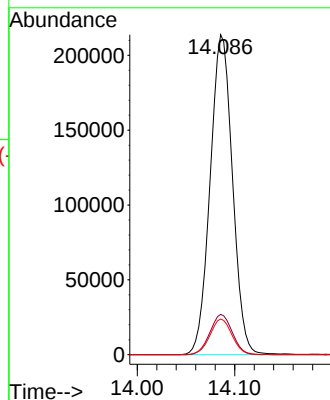
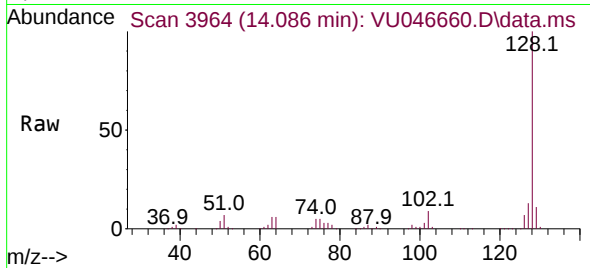




#71
Naphthalene
Concen: 52.548 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU046660.D
Acq: 05 Jan 2022 12:40

Instrument :
MSVOA_U
ClientSampleId :
VSTD050039

Tgt Ion:128 Resp: 340865
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 52.135 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU046660.D
Acq: 05 Jan 2022 12:40

Tgt Ion:180 Resp: 99856
Ion Ratio Lower Upper
180 100
182 95.8 76.6 115.0
145 34.3 27.4 41.2

