

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041822\
 Data File : VU048109.D
 Acq On : 18 Apr 2022 10:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050086

Quant Time: Apr 19 03:32:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 16 00:34:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	375052	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	392395	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	227634	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	132901	48.865	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.740%
7) Chloroethane-d5	1.916	69	110446	51.501	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.000%
11) 1,1-Dichloroethene-d2	2.572	63	224512	45.119	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.240%
21) 2-Butanone-d5	4.626	46	201087	86.140	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.140%
24) Chloroform-d	5.067	84	239177	48.062	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.120%
26) 1,2-Dichloroethane-d4	5.703	65	143692	47.079	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.160%
32) Benzene-d6	5.729	84	477538	48.364	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.720%
36) 1,2-Dichloropropane-d6	6.694	67	150975	49.789	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.580%
41) Toluene-d8	7.899	98	452228	47.009	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.020%
43) trans-1,3-Dichloroprop...	8.179	79	69901	45.502	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.000%
47) 2-Hexanone-d5	8.636	63	153309	86.365	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.370%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	227014	43.623	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.240%
66) 1,2-Dichlorobenzene-d4	12.195	152	186998	46.174	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	144373	41.521	ug/L	99
3) Chloromethane	1.523	50	135665	40.798	ug/L	99
5) Vinyl chloride	1.607	62	147499	43.492	ug/L	99
6) Bromomethane	1.858	94	69765	38.220	ug/L	97
8) Chloroethane	1.935	64	94392	44.337	ug/L	99
9) Trichlorofluoromethane	2.141	101	204435	42.748	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	128095	46.338	ug/L	97
12) 1,1-Dichloroethene	2.584	96	113938	44.287	ug/L	89
13) Acetone	2.633	43	184660	85.003	ug/L	99
14) Carbon disulfide	2.797	76	297647	36.601	ug/L	100
15) Methyl Acetate	2.951	43	157404	45.439	ug/L	97
16) Methylene chloride	3.051	84	137643	46.624	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	120218	43.323	ug/L	95
18) Methyl tert-butyl Ether	3.366	73	363687	46.456	ug/L	99
19) 1,1-Dichloroethane	3.874	63	231794	48.434	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	140721	46.257	ug/L	96
22) 2-Butanone	4.707	43	243972	87.182	ug/L	96
23) Bromochloromethane	4.977	128	79664	47.695	ug/L	98
25) Chloroform	5.089	83	248642	48.257	ug/L	99

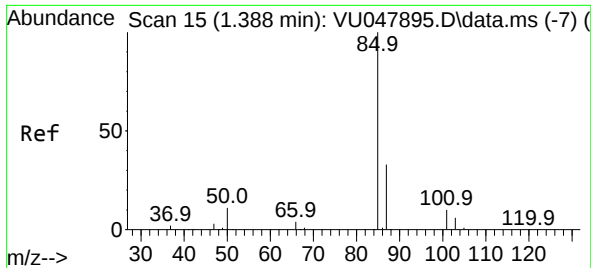
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	183542	46.108	ug/L	98
29) Cyclohexane	5.391	56	168733	42.377	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	206744	46.466	ug/L	100
31) Carbon tetrachloride	5.530	117	179676	44.720	ug/L	100
33) Benzene	5.777	78	535972	47.189	ug/L	100
34) Trichloroethene	6.546	95	134751	45.253	ug/L	97
35) Methylcyclohexane	6.764	83	190625	42.080	ug/L	98
37) 1,2-Dichloropropane	6.793	63	144828	50.159	ug/L	100
38) Bromodichloromethane	7.108	83	189300	47.743	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	206572	46.108	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	405297	88.813	ug/L	98
42) Toluene	7.970	91	586397	47.053	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	206927	46.259	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	146683	47.900	ug/L	99
46) Tetrachloroethene	8.555	164	119464	44.644	ug/L	99
48) 2-Hexanone	8.684	43	344052	87.647	ug/L	99
49) Dibromochloromethane	8.813	129	166788	47.025	ug/L	100
50) 1,2-Dibromoethane	8.925	107	159937	46.588	ug/L	100
51) Chlorobenzene	9.449	112	391002	46.208	ug/L	100
52) Ethylbenzene	9.571	91	586236	44.738	ug/L	100
53) m,p-Xylene	9.694	106	239374	46.556	ug/L	99
54) o-Xylene	10.102	106	218895	43.377	ug/L	99
55) Styrene	10.115	104	388253	45.063	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	256057	44.602	ug/L	100
59) Bromoform	10.292	173	134776	46.302	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	196022	45.679	ug/L	99
61) Isopropylbenzene	10.484	105	568953	46.247	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	294214	44.077	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	463155	45.680	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	321441	47.008	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	324251	45.780	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	325944	47.638	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	60334	43.892	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	251146	45.223	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	215318	44.265	ug/L	100
71) Naphthalene	14.086	128	582510	40.167	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	216789	44.457	ug/L	99

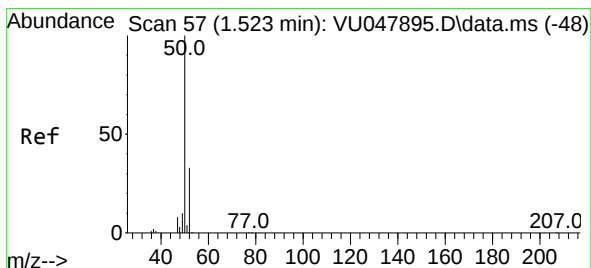
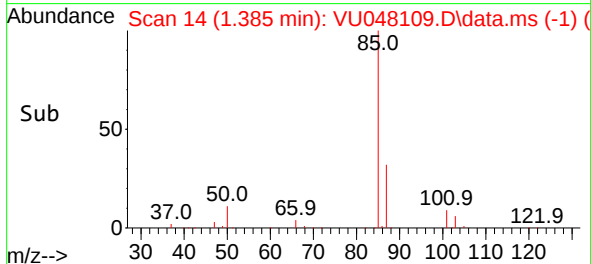
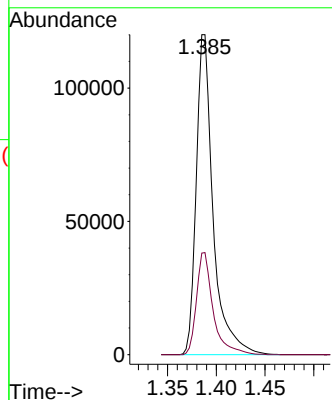
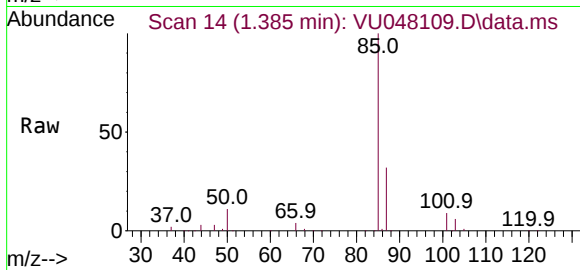
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#2
Dichlorodifluoromethane
Concen: 41.521 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

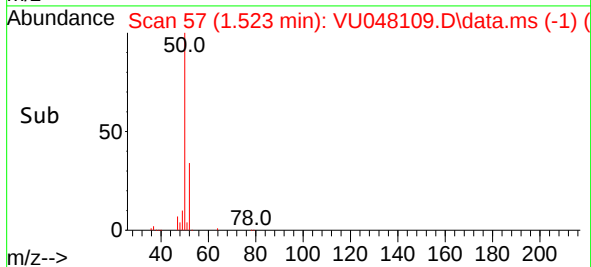
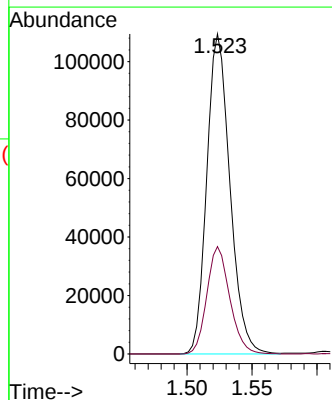
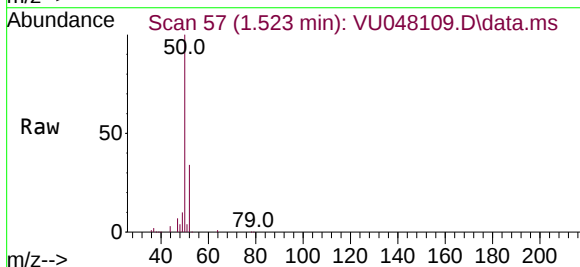
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

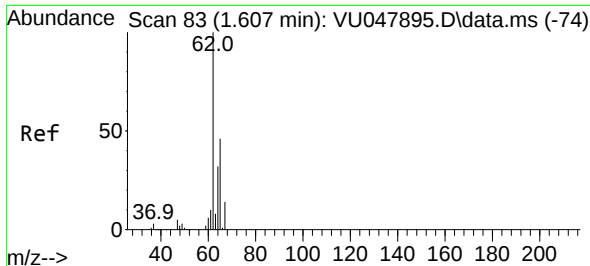
Tgt Ion: 85 Resp: 144373
Ion Ratio Lower Upper
85 100
87 31.5 25.8 38.8



#3
Chloromethane
Concen: 40.798 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

Tgt Ion: 50 Resp: 135665
Ion Ratio Lower Upper
50 100
52 33.6 23.2 43.2

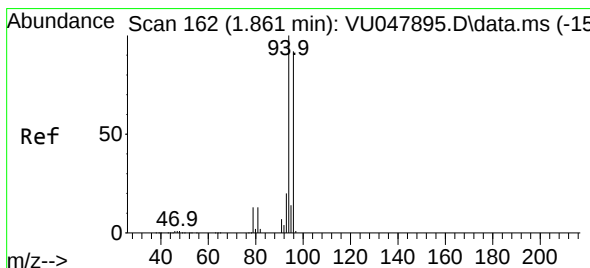
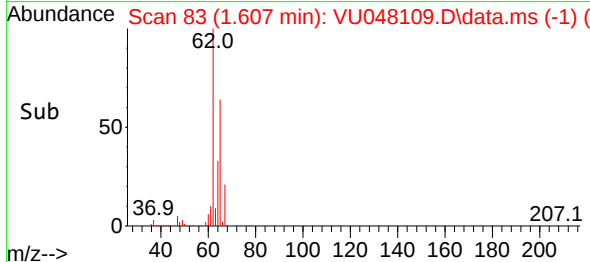
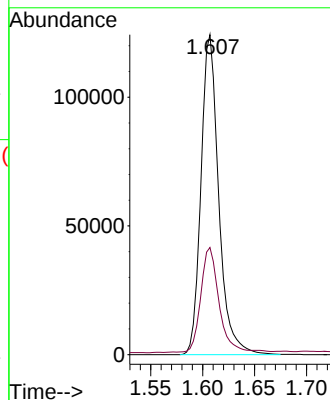
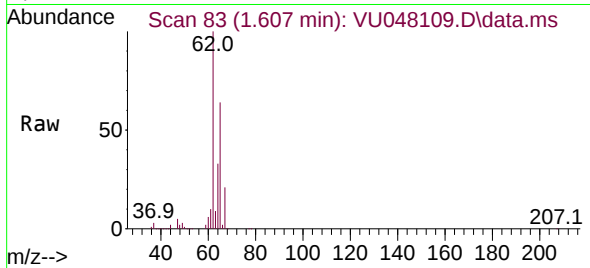




#5
 Vinyl chloride
 Concen: 43.492 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU048109.D
 Acq: 18 Apr 2022 10:16

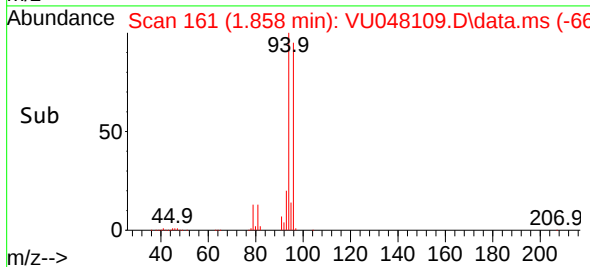
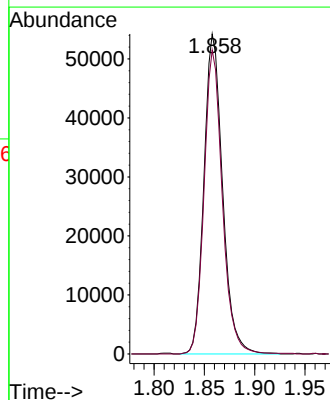
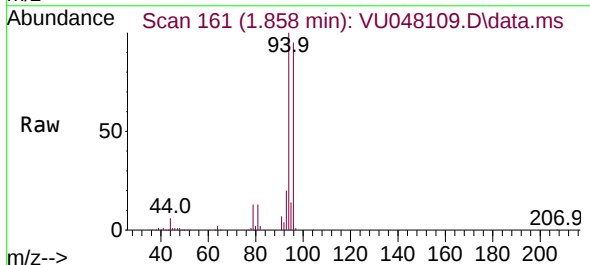
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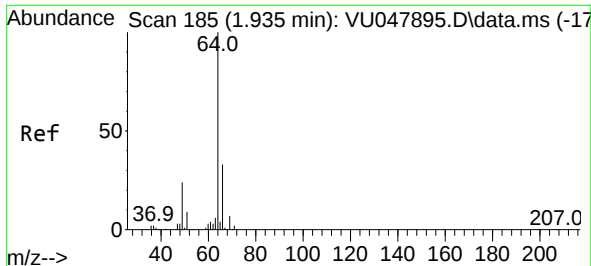
Tgt Ion: 62 Resp: 147499
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.7 43.9



#6
 Bromomethane
 Concen: 38.220 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.006 min
 Lab File: VU048109.D
 Acq: 18 Apr 2022 10:16

Tgt Ion: 94 Resp: 69765
 Ion Ratio Lower Upper
 94 100
 96 95.0 64.8 120.3

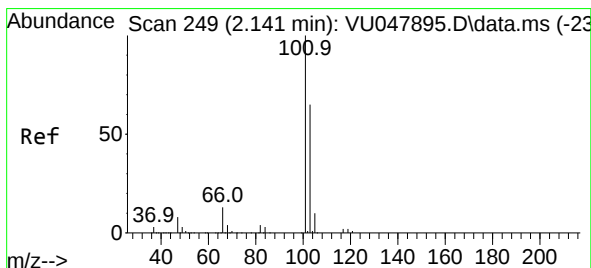
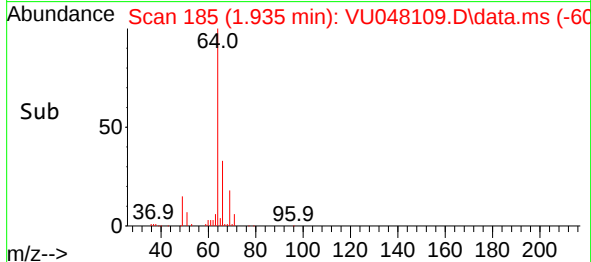
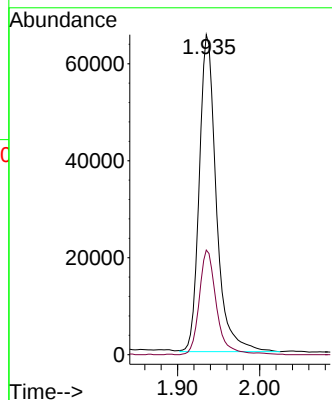
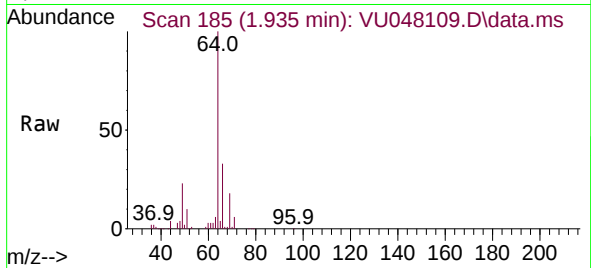




#8
Chloroethane
Concen: 44.337 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

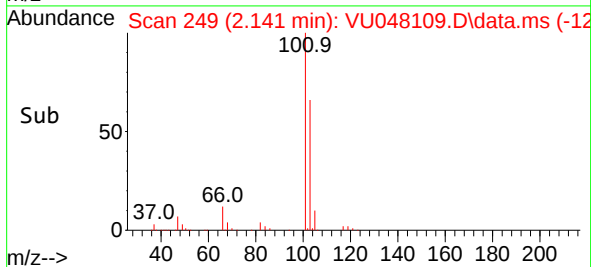
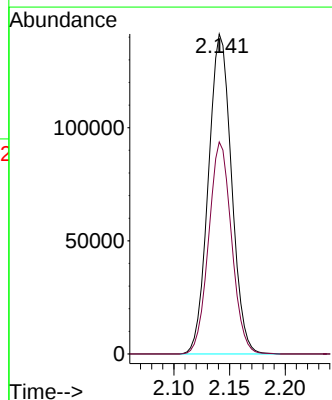
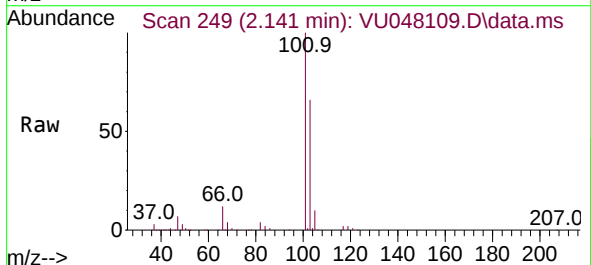
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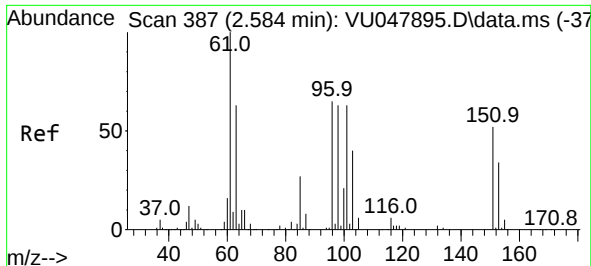
Tgt Ion: 64 Resp: 94392
Ion Ratio Lower Upper
64 100
66 32.7 23.3 43.3



#9
Trichlorofluoromethane
Concen: 42.748 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.003 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

Tgt Ion: 101 Resp: 204435
Ion Ratio Lower Upper
101 100
103 65.5 51.4 77.2

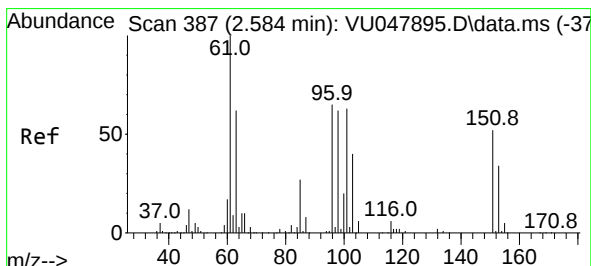
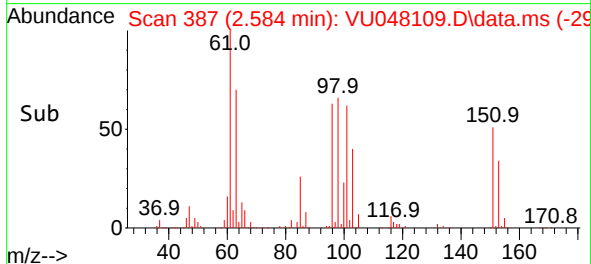
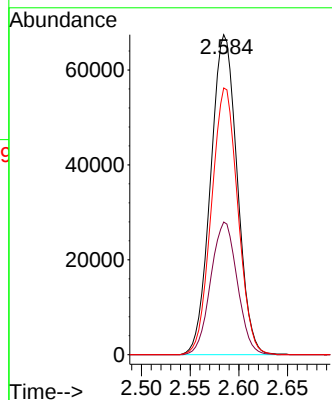
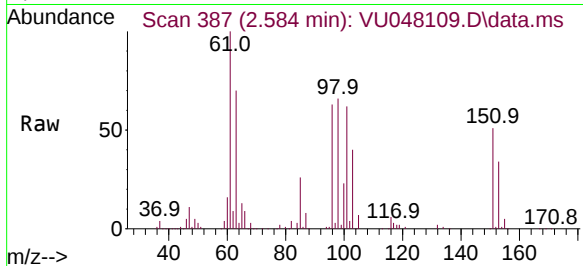




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.338 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.003 min
 Lab File: VU048109.D
 Acq: 18 Apr 2022 10:16

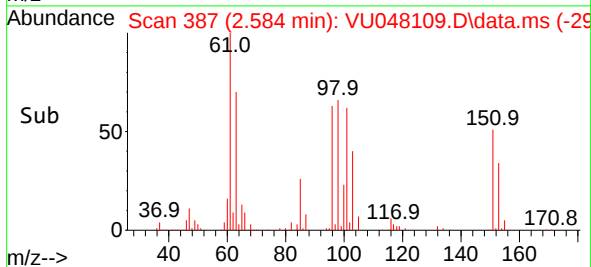
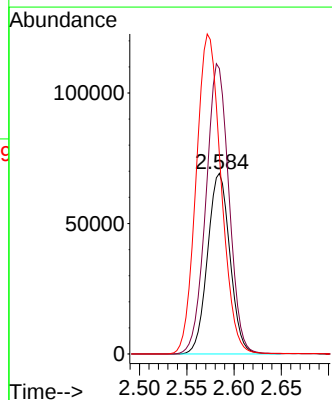
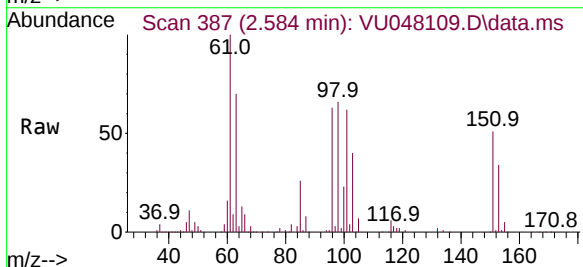
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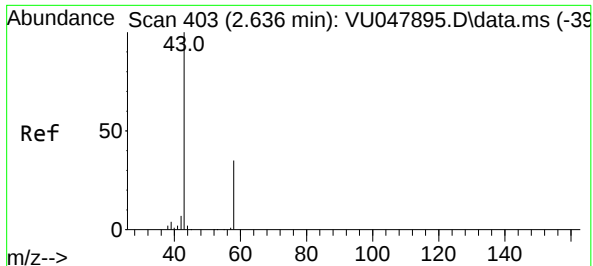
Tgt Ion: 101 Resp: 128095
 Ion Ratio Lower Upper
 101 100
 85 41.3 32.8 49.2
 151 82.7 63.0 94.6



#12
 1,1-Dichloroethene
 Concen: 44.287 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.003 min
 Lab File: VU048109.D
 Acq: 18 Apr 2022 10:16

Tgt Ion: 96 Resp: 113938
 Ion Ratio Lower Upper
 96 100
 61 158.0 113.1 210.1
 63 110.4 94.8 176.0





#13

Acetone

Concen: 85.003 ug/L

RT: 2.633 min Scan# 403

Delta R.T. 0.010 min

Lab File: VU048109.D

Acq: 18 Apr 2022 10:16

Instrument :

MSVOA_U

ClientSampleId :

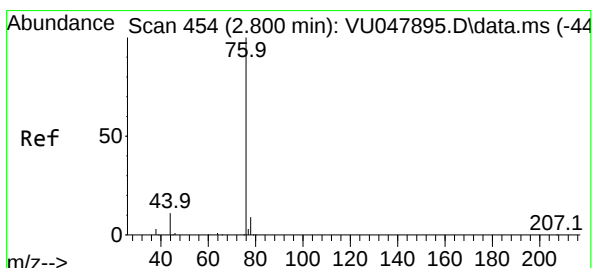
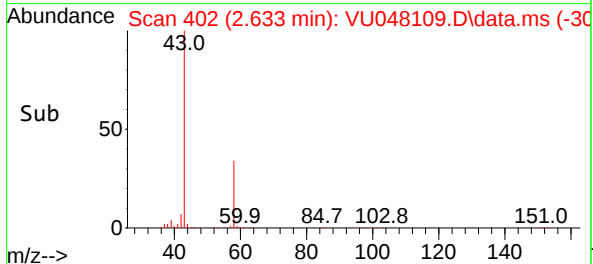
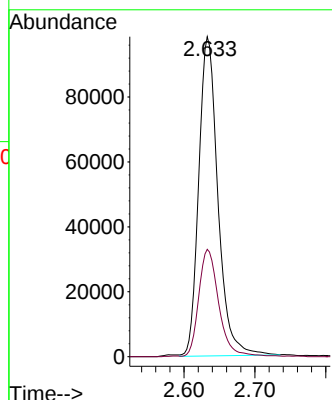
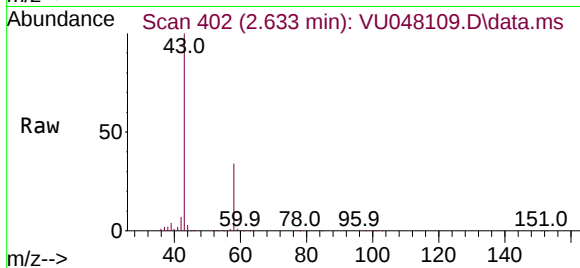
VSTD050086

Tgt Ion: 43 Resp: 184660

Ion Ratio Lower Upper

43 100

58 34.5 0.0 70.0



#14

Carbon disulfide

Concen: 36.601 ug/L

RT: 2.797 min Scan# 453

Delta R.T. 0.000 min

Lab File: VU048109.D

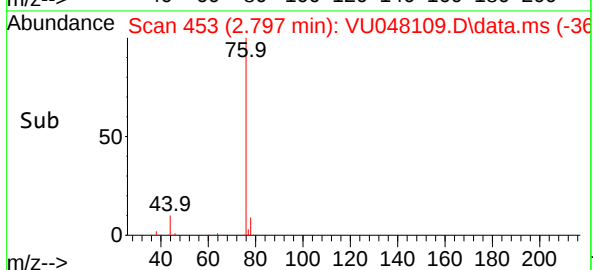
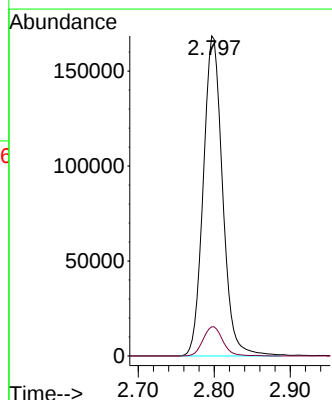
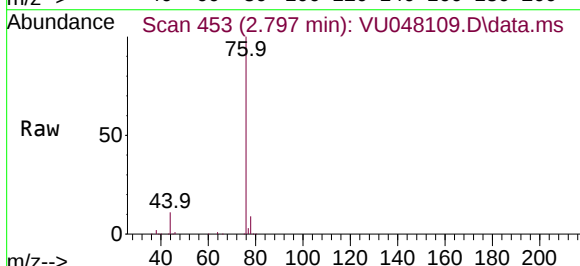
Acq: 18 Apr 2022 10:16

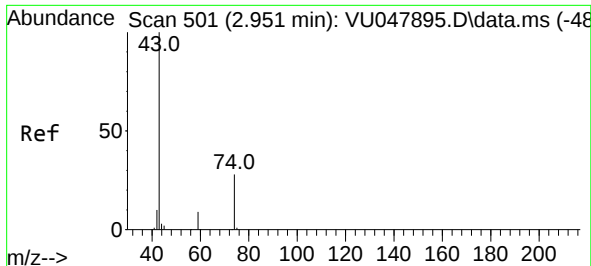
Tgt Ion: 76 Resp: 297647

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

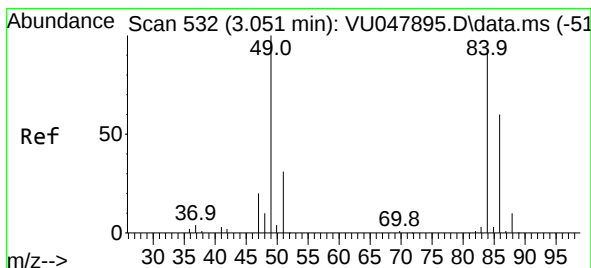
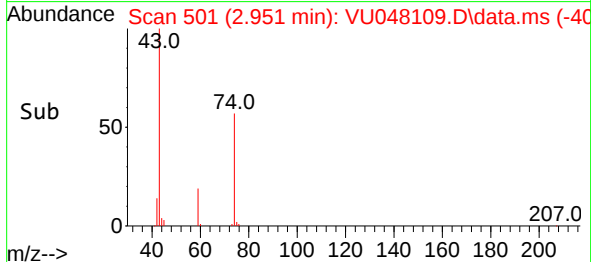
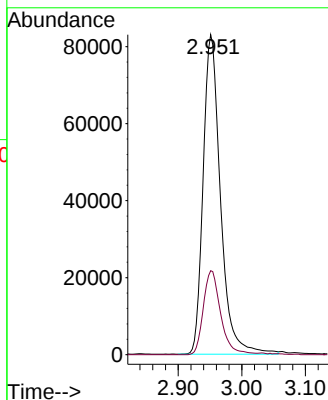
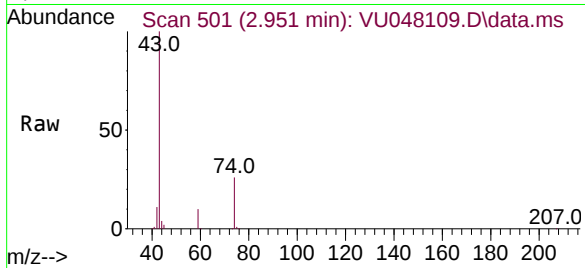




#15
Methyl Acetate
Concen: 45.439 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

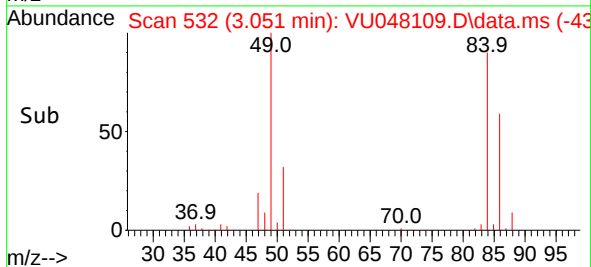
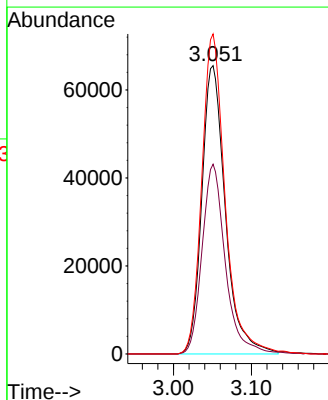
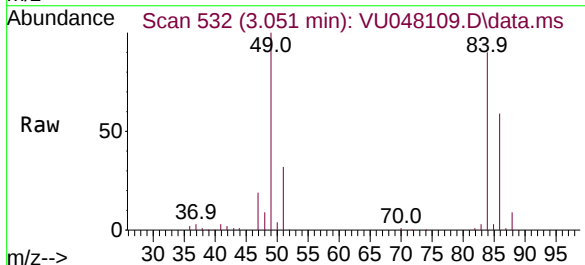
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

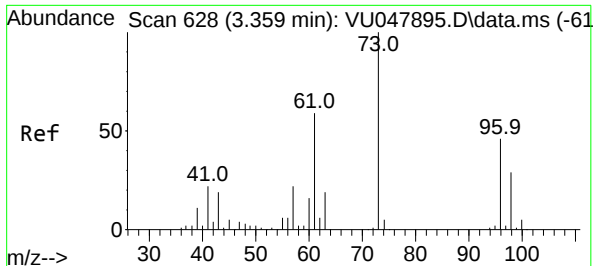
Tgt Ion: 43 Resp: 157404
Ion Ratio Lower Upper
43 100
74 26.2 22.2 33.2



#16
Methylene chloride
Concen: 46.624 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

Tgt Ion: 84 Resp: 137643
Ion Ratio Lower Upper
84 100
86 65.8 46.0 85.4
49 111.0 75.3 139.8





#17

trans-1,2-Dichloroethene

Concen: 43.323 ug/L

RT: 3.356 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU048109.D

Acq: 18 Apr 2022 10:16

Instrument :

MSVOA_U

ClientSampleId :

VSTD050086

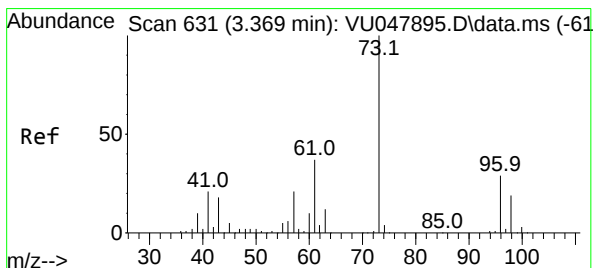
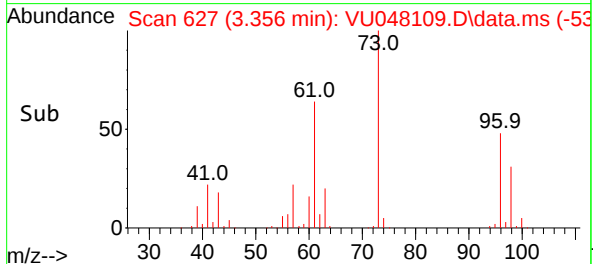
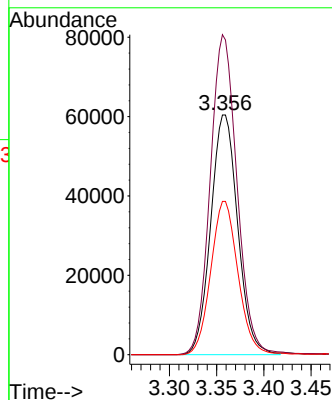
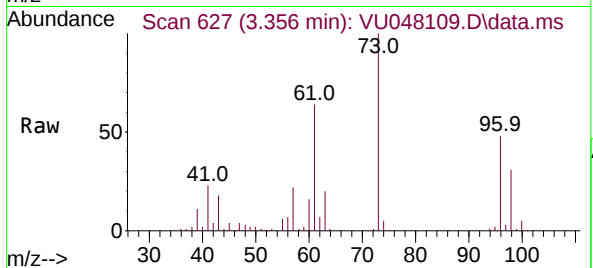
Tgt Ion: 96 Resp: 120218

Ion Ratio Lower Upper

96 100

61 133.5 88.4 164.2

98 64.0 43.3 80.5



#18

Methyl tert-butyl Ether

Concen: 46.456 ug/L

RT: 3.366 min Scan# 630

Delta R.T. 0.000 min

Lab File: VU048109.D

Acq: 18 Apr 2022 10:16

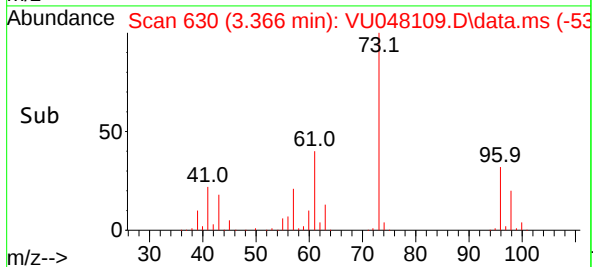
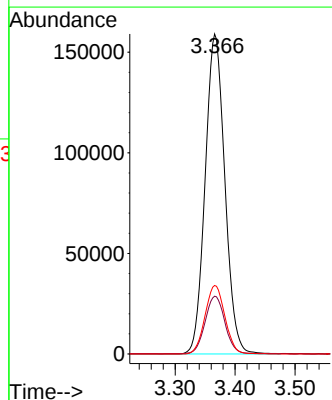
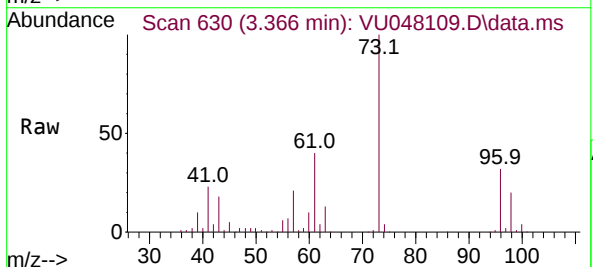
Tgt Ion: 73 Resp: 363687

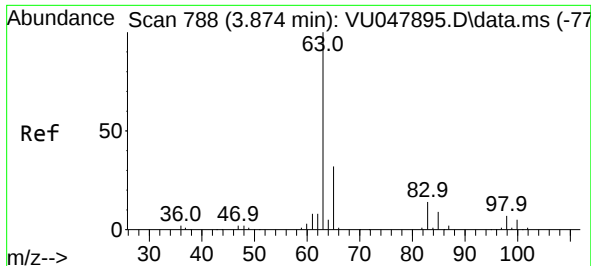
Ion Ratio Lower Upper

73 100

43 18.0 15.3 22.9

57 21.6 17.0 25.6





#19

1,1-Dichloroethane

Concen: 48.434 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.003 min

Lab File: VU048109.D

Acq: 18 Apr 2022 10:16

Instrument :

MSVOA_U

ClientSampleId :

VSTD050086

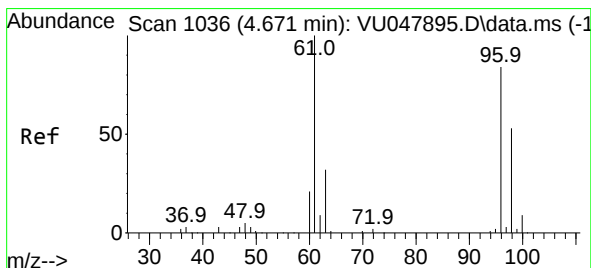
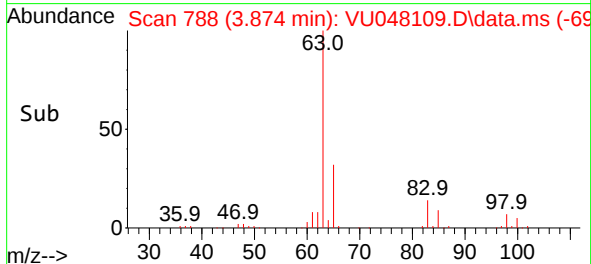
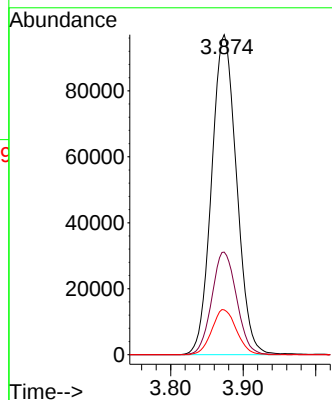
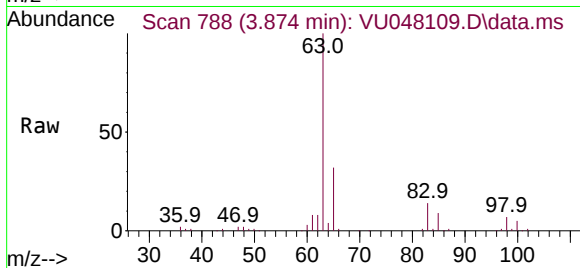
Tgt Ion: 63 Resp: 231794

Ion Ratio Lower Upper

63 100

65 32.1 22.0 41.0

83 14.0 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 46.257 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU048109.D

Acq: 18 Apr 2022 10:16

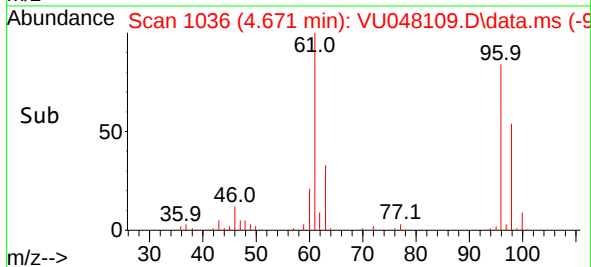
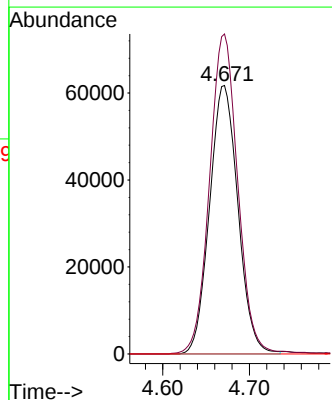
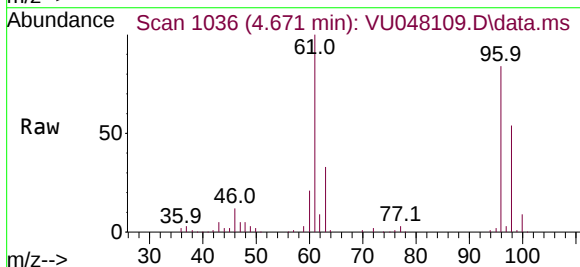
Tgt Ion: 96 Resp: 140721

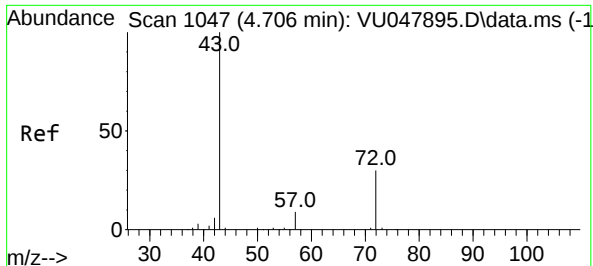
Ion Ratio Lower Upper

96 100

61 119.2 80.7 149.9

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 87.182 ug/L

RT: 4.707 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VU048109.D

Acq: 18 Apr 2022 10:16

Instrument :

MSVOA_U

ClientSampleId :

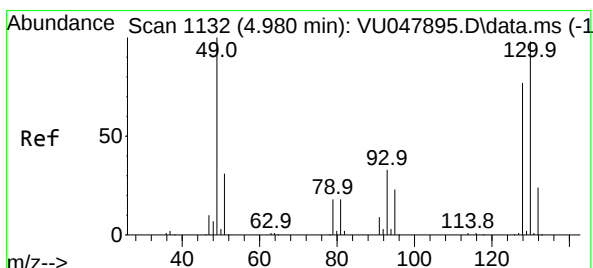
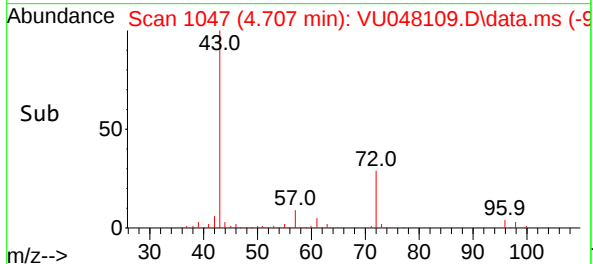
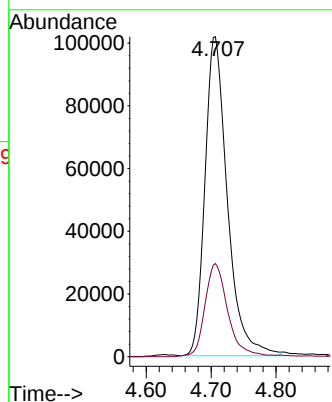
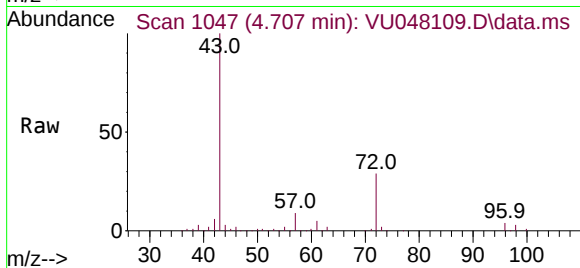
VSTD050086

Tgt Ion: 43 Resp: 243972

Ion Ratio Lower Upper

43 100

72 29.8 16.0 47.9



#23

Bromochloromethane

Concen: 47.695 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VU048109.D

Acq: 18 Apr 2022 10:16

Tgt Ion:128 Resp: 79664

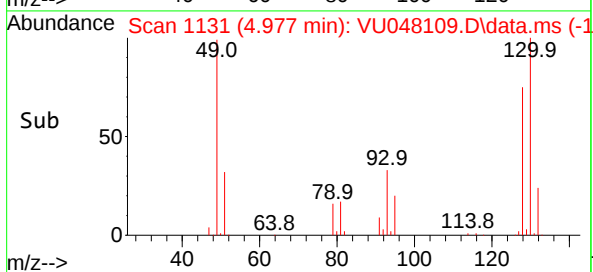
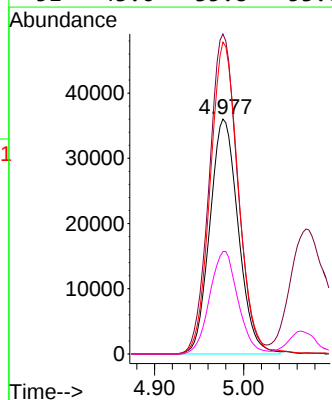
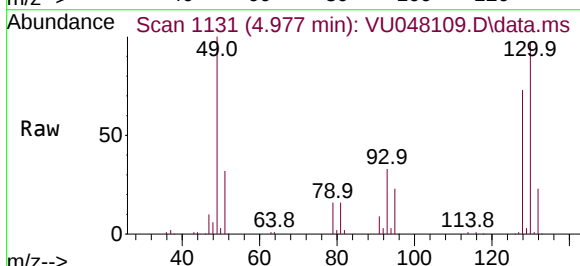
Ion Ratio Lower Upper

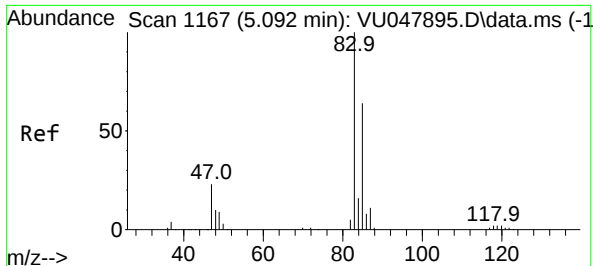
128 100

49 136.3 94.1 174.8

130 132.8 90.2 167.4

51 43.6 35.8 53.6





#25

Chloroform

Concen: 48.257 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU048109.D

Acq: 18 Apr 2022 10:16

Instrument :

MSVOA_U

ClientSampleId :

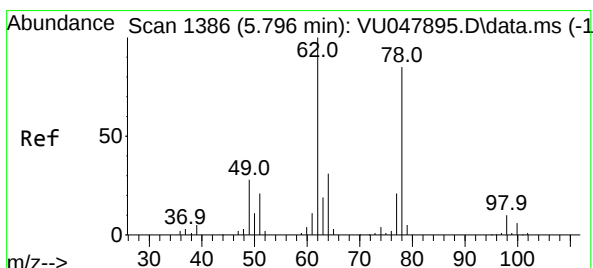
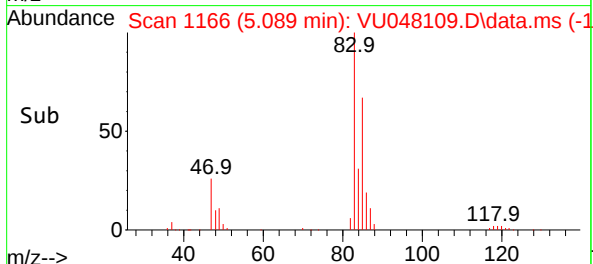
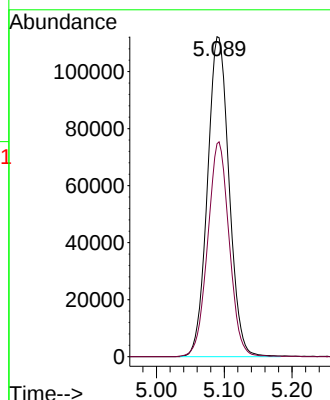
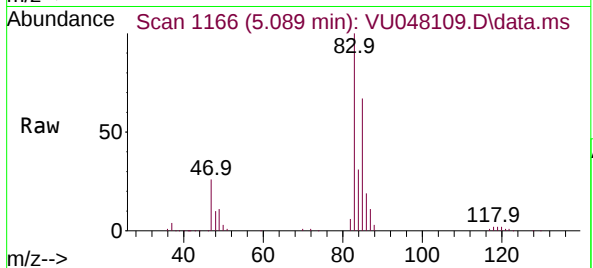
VSTD050086

Tgt Ion: 83 Resp: 248642

Ion Ratio Lower Upper

83 100

85 66.6 46.2 85.8



#27

1,2-Dichloroethane

Concen: 46.108 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU048109.D

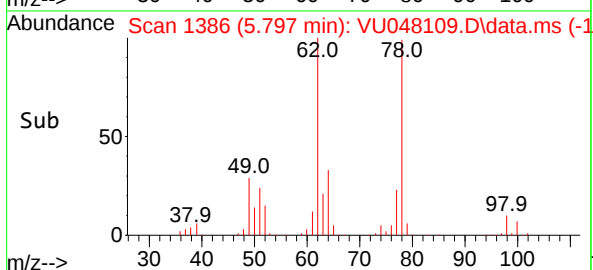
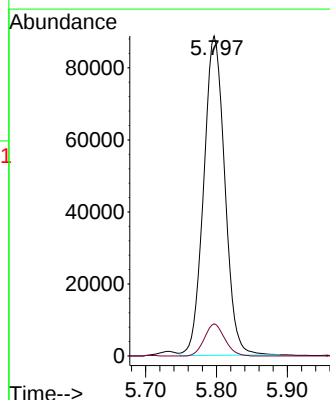
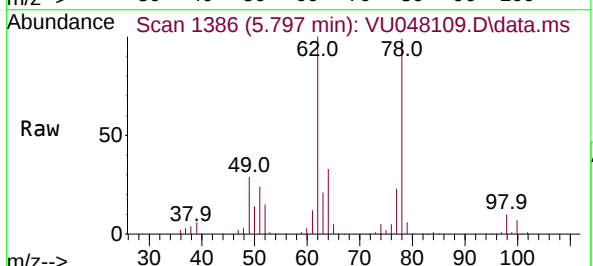
Acq: 18 Apr 2022 10:16

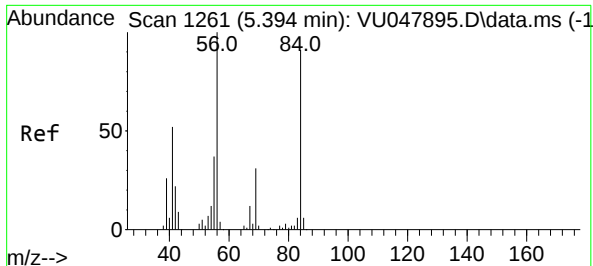
Tgt Ion: 62 Resp: 183542

Ion Ratio Lower Upper

62 100

98 10.0 7.4 11.0





#29

Cyclohexane

Concen: 42.377 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU048109.D

Acq: 18 Apr 2022 10:16

Instrument :

MSVOA_U

ClientSampleId :

VSTD050086

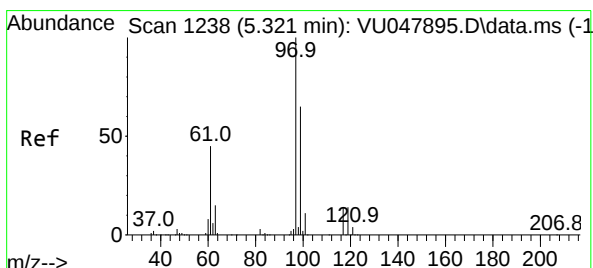
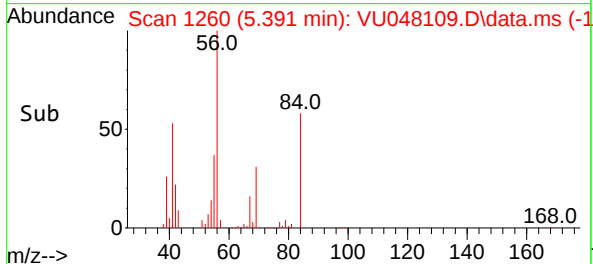
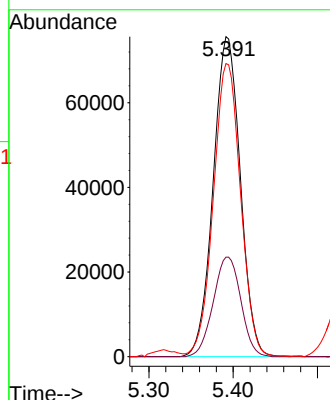
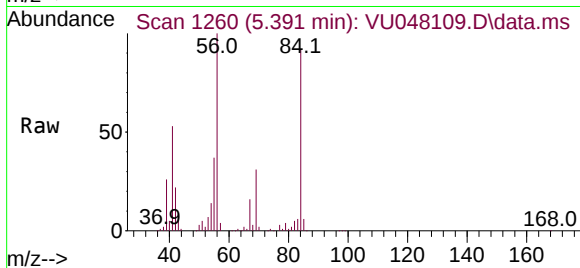
Tgt Ion: 56 Resp: 168733

Ion Ratio Lower Upper

56 100

69 31.7 25.4 38.2

84 92.1 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 46.466 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU048109.D

Acq: 18 Apr 2022 10:16

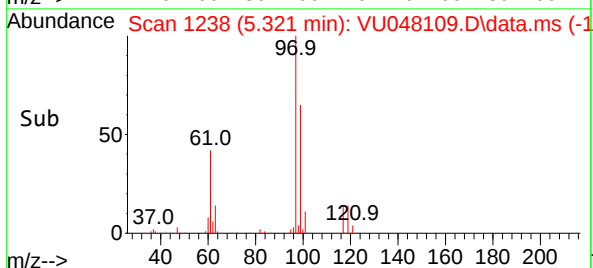
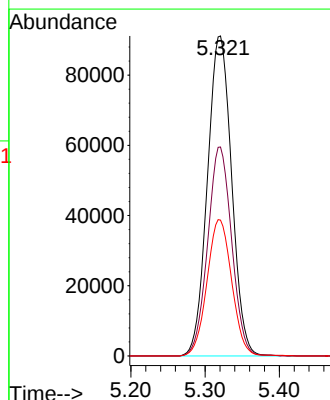
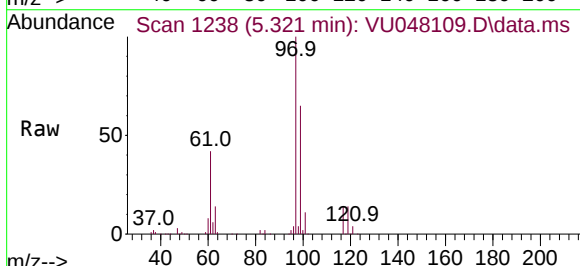
Tgt Ion: 97 Resp: 206744

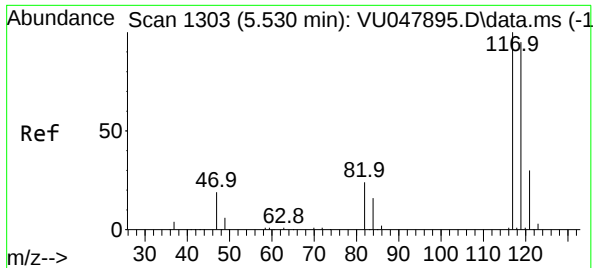
Ion Ratio Lower Upper

97 100

99 64.7 51.6 77.4

61 43.3 34.2 51.4

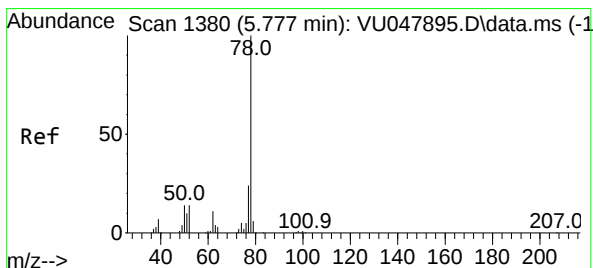
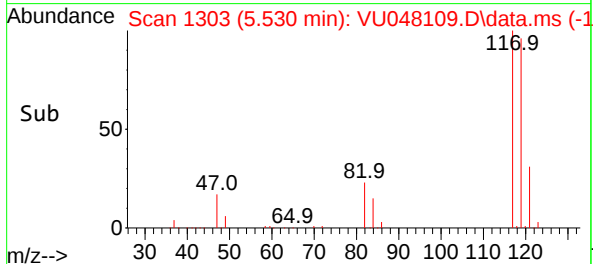
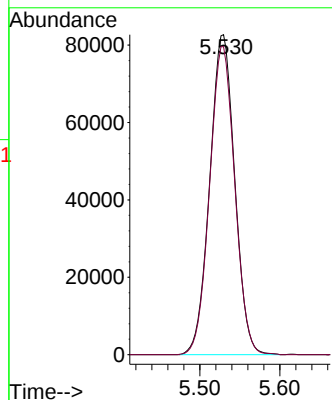
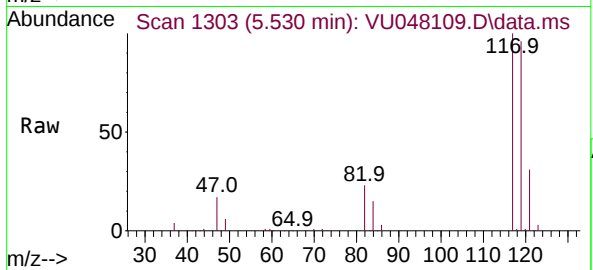




#31
Carbon tetrachloride
Concen: 44.720 ug/L
RT: 5.530 min Scan# 111
Delta R.T. 0.003 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

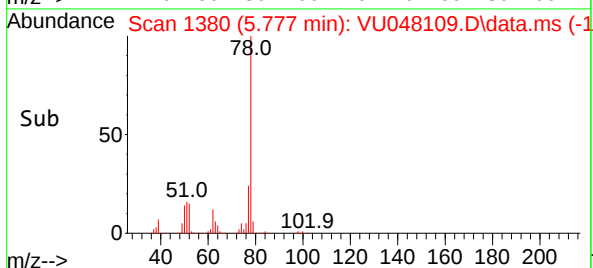
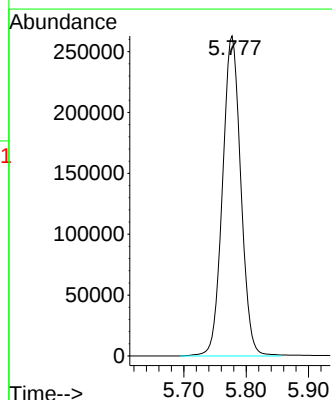
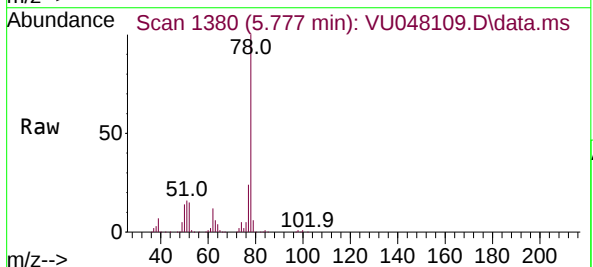
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

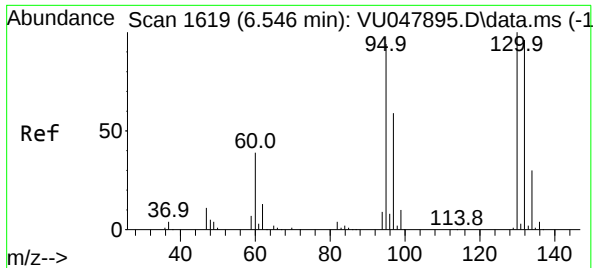
Tgt Ion:117 Resp: 179676
Ion Ratio Lower Upper
117 100
119 96.7 77.2 115.8



#33
Benzene
Concen: 47.189 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

Tgt Ion: 78 Resp: 535972

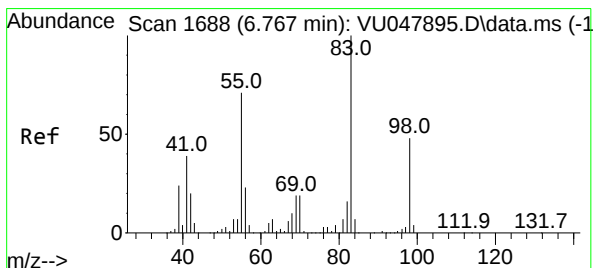
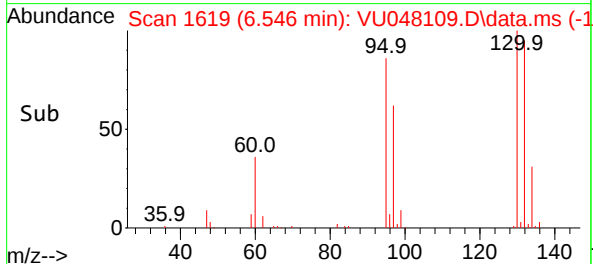
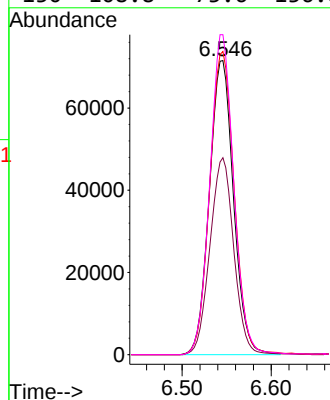
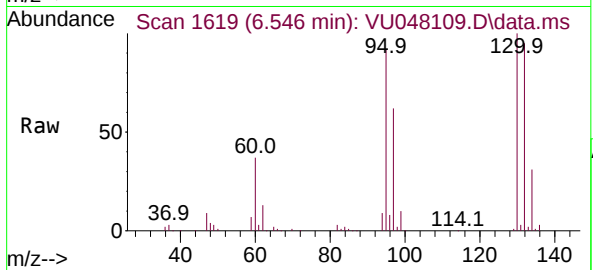




#34
Trichloroethene
Concen: 45.253 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

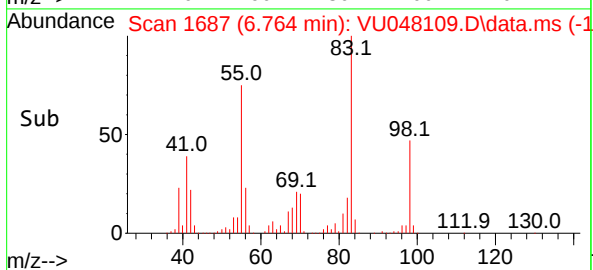
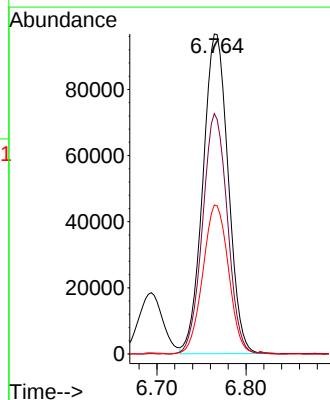
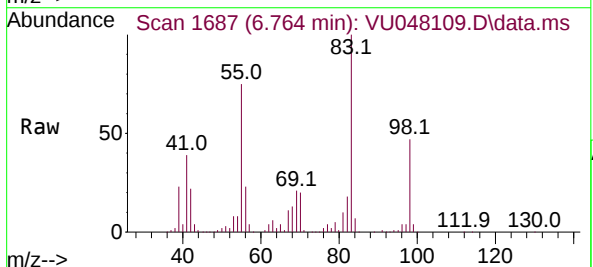
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

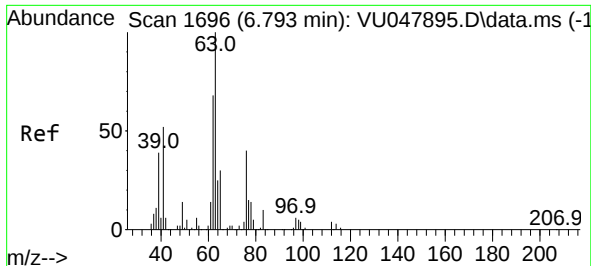
Tgt Ion: 95 Resp: 134751
Ion Ratio Lower Upper
95 100
97 67.0 44.7 82.9
132 103.1 70.4 130.8
130 108.8 73.6 136.8



#35
Methylcyclohexane
Concen: 42.080 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

Tgt Ion: 83 Resp: 190625
Ion Ratio Lower Upper
83 100
55 74.0 56.8 85.2
98 47.3 38.1 57.1





#37

1,2-Dichloropropane

Concen: 50.159 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048109.D

Acq: 18 Apr 2022 10:16

Instrument :

MSVOA_U

ClientSampleId :

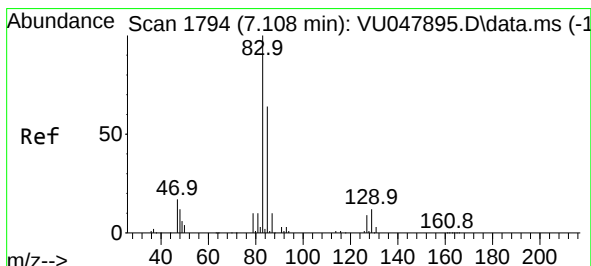
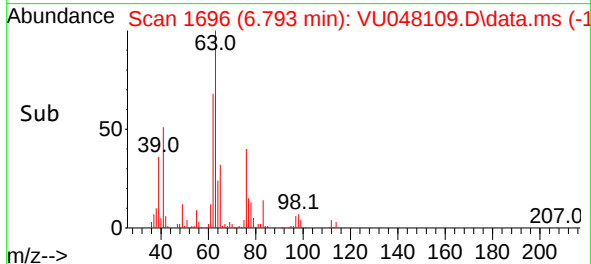
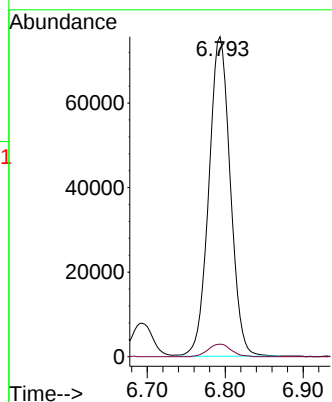
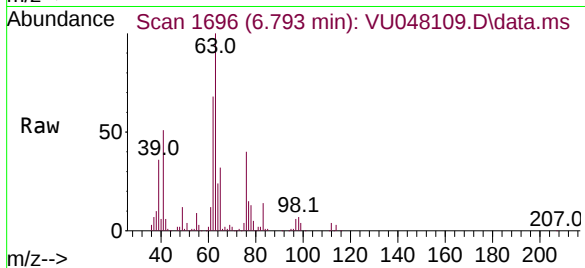
VSTD050086

Tgt Ion: 63 Resp: 144828

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.2



#38

Bromodichloromethane

Concen: 47.743 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU048109.D

Acq: 18 Apr 2022 10:16

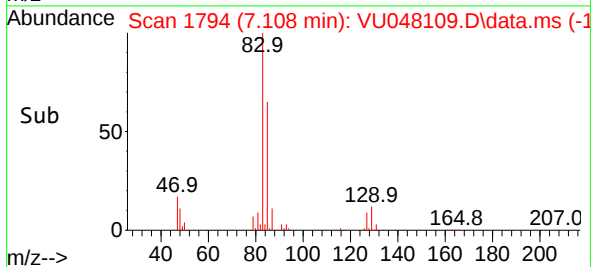
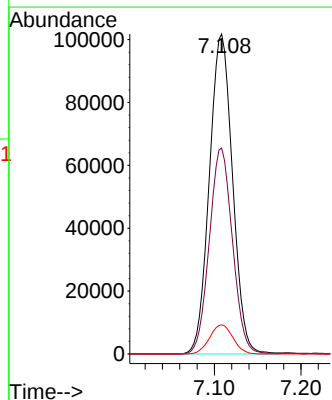
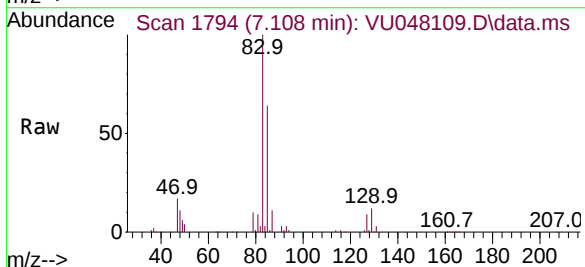
Tgt Ion: 83 Resp: 189300

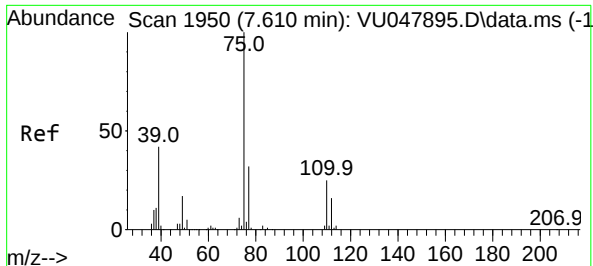
Ion Ratio Lower Upper

83 100

85 64.4 44.4 82.4

127 9.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 46.108 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU048109.D

Acq: 18 Apr 2022 10:16

Instrument :

MSVOA_U

ClientSampleId :

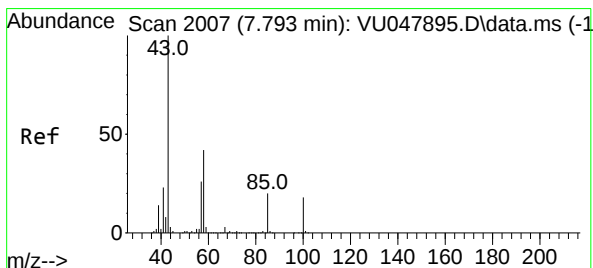
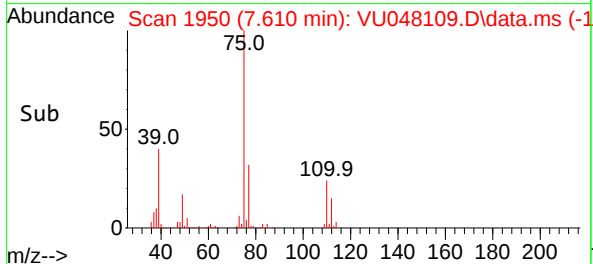
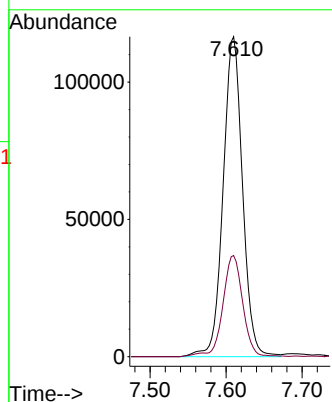
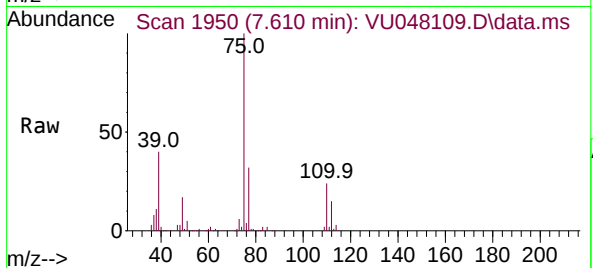
VSTD050086

Tgt Ion: 75 Resp: 206572

Ion Ratio Lower Upper

75 100

77 31.6 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 88.813 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU048109.D

Acq: 18 Apr 2022 10:16

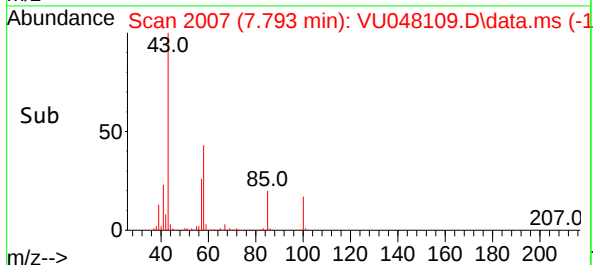
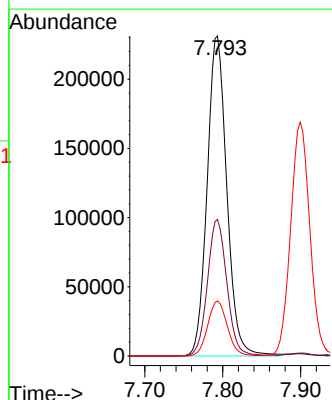
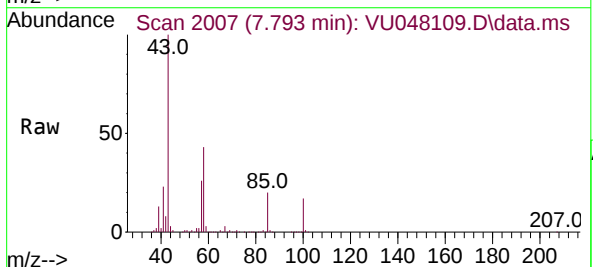
Tgt Ion: 43 Resp: 405297

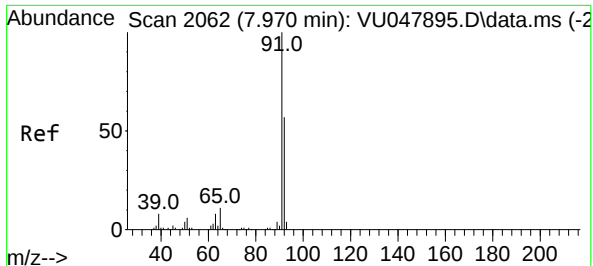
Ion Ratio Lower Upper

43 100

58 42.2 34.7 52.1

100 17.2 14.2 21.2





#42

Toluene

Concen: 47.053 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048109.D

Acq: 18 Apr 2022 10:16

Instrument :

MSVOA_U

ClientSampleId :

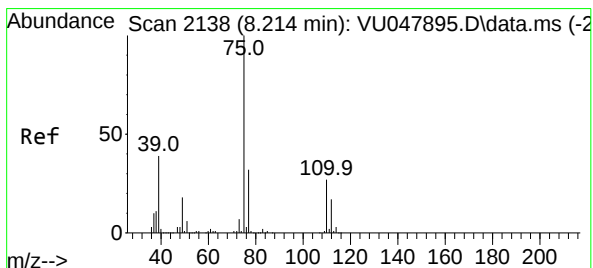
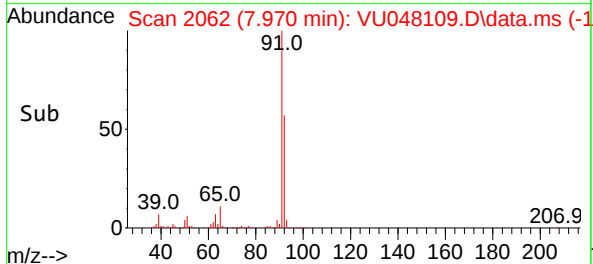
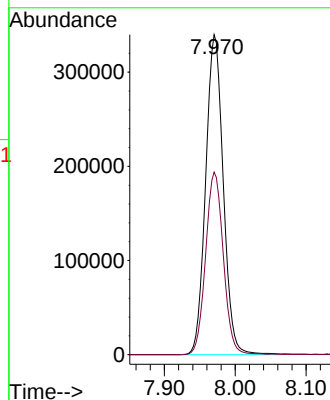
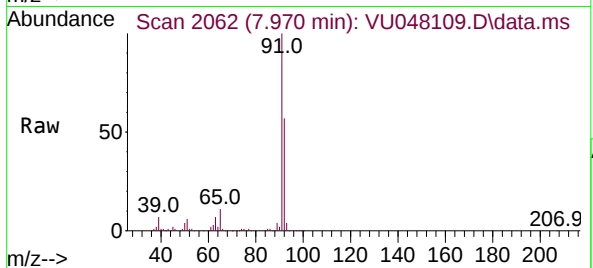
VSTD050086

Tgt Ion: 91 Resp: 586397

Ion Ratio Lower Upper

91 100

92 57.1 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 46.259 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU048109.D

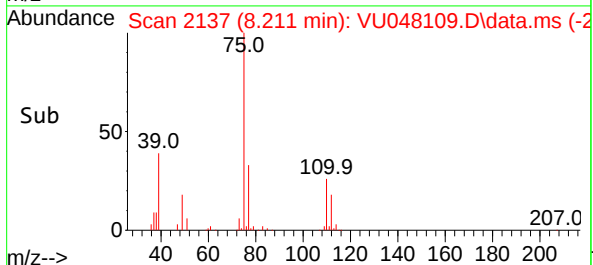
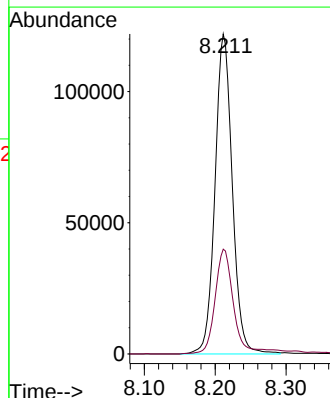
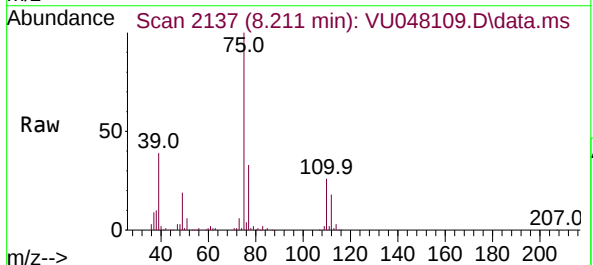
Acq: 18 Apr 2022 10:16

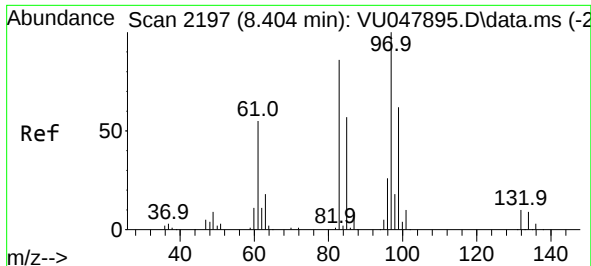
Tgt Ion: 75 Resp: 206927

Ion Ratio Lower Upper

75 100

77 32.8 22.0 40.8

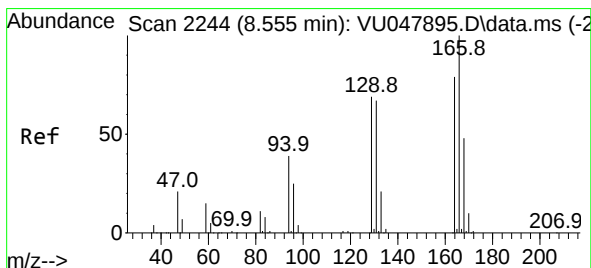
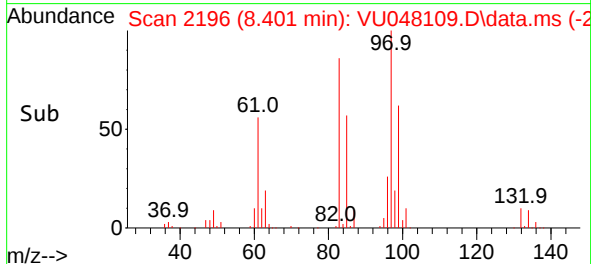
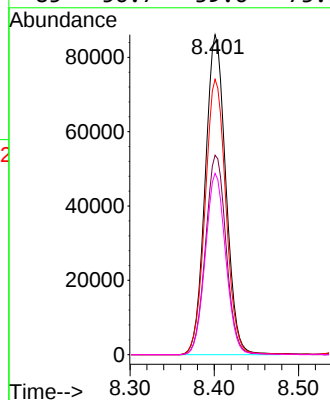
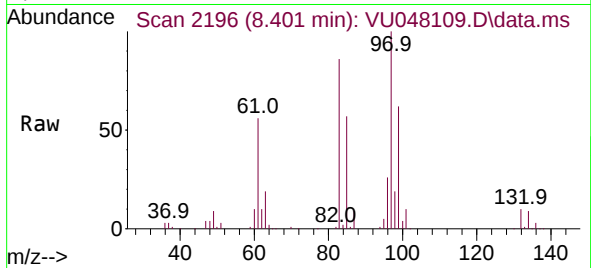




#45
1,1,2-Trichloroethane
Concen: 47.900 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

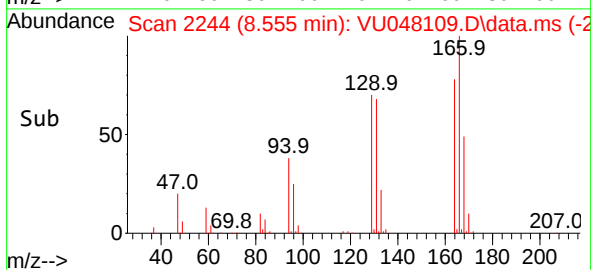
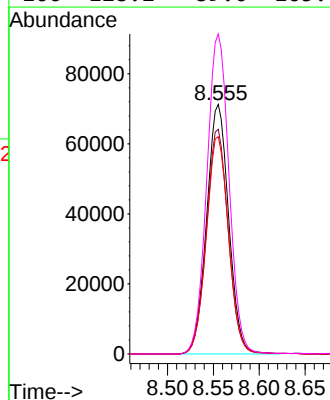
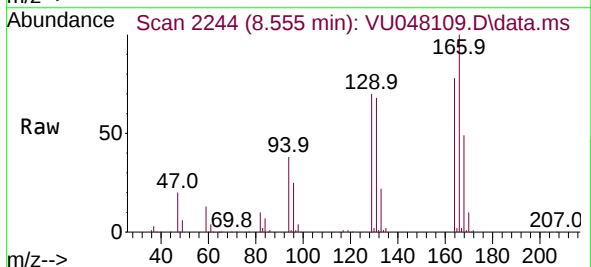
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

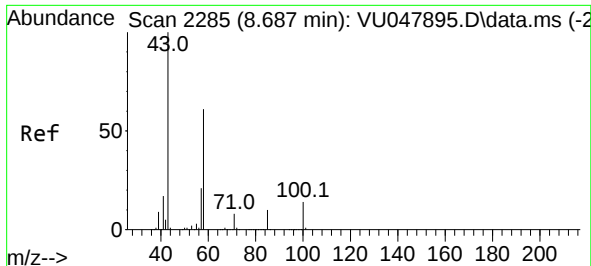
Tgt Ion:	97	Resp:	146683
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.3	80.3
83	86.1	61.0	113.4
85	56.7	39.6	73.6



#46
Tetrachloroethene
Concen: 44.644 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

Tgt Ion:	164	Resp:	119464
Ion	Ratio	Lower	Upper
164	100		
129	90.0	62.4	116.0
131	87.1	60.7	112.7
166	128.2	89.0	165.4

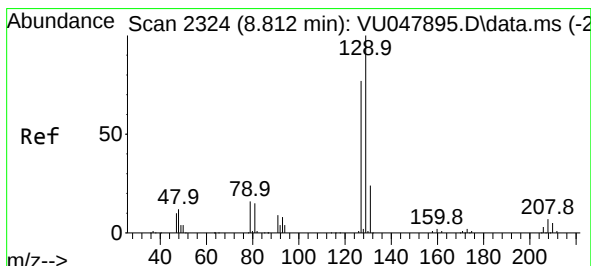
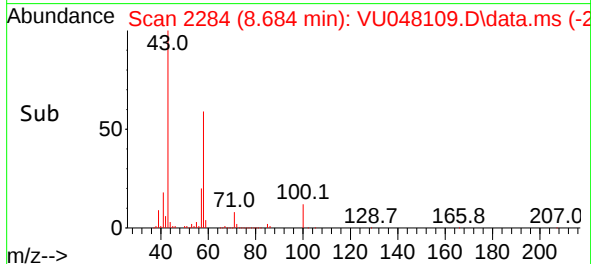
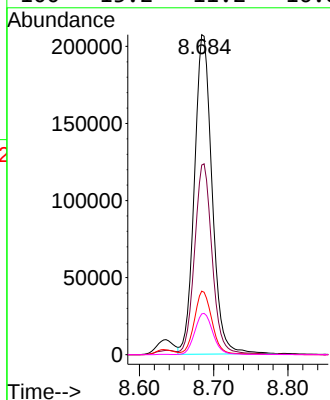
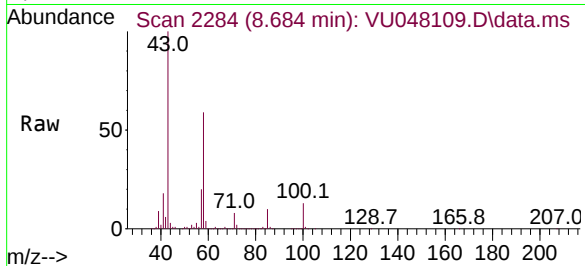




#48
2-Hexanone
Concen: 87.647 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

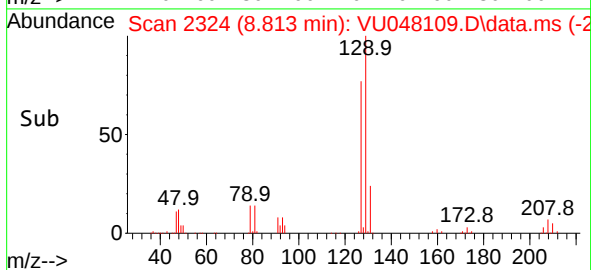
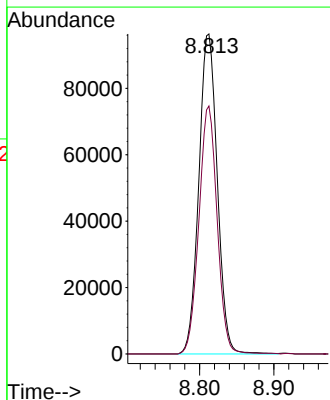
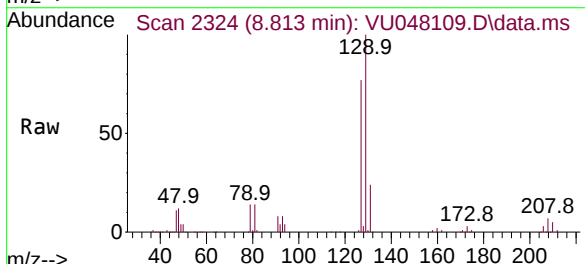
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

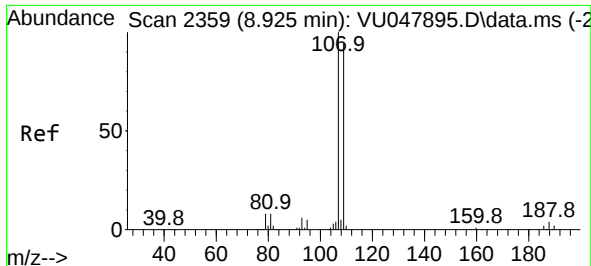
Tgt Ion: 43 Resp: 344052
Ion Ratio Lower Upper
43 100
58 59.4 48.1 72.1
57 19.8 16.2 24.4
100 13.2 11.2 16.8



#49
Dibromochloromethane
Concen: 47.025 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

Tgt Ion: 129 Resp: 166788
Ion Ratio Lower Upper
129 100
127 77.5 54.2 100.6

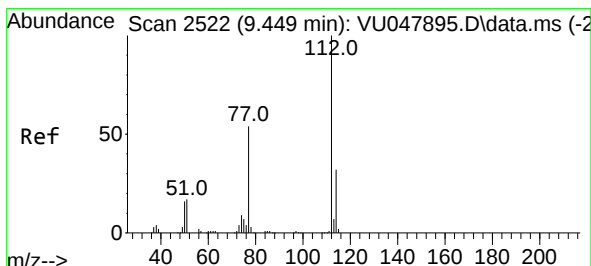
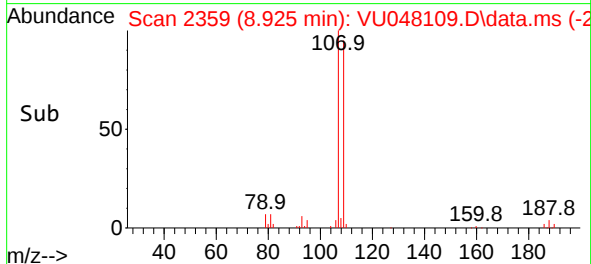
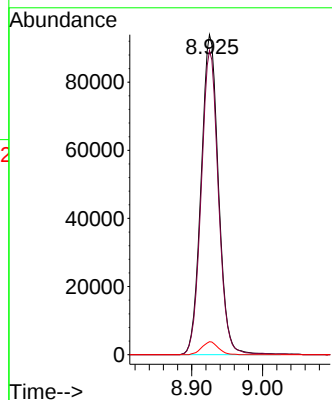
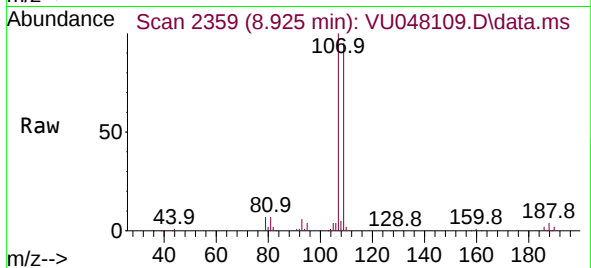




#50
1,2-Dibromoethane
Concen: 46.588 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

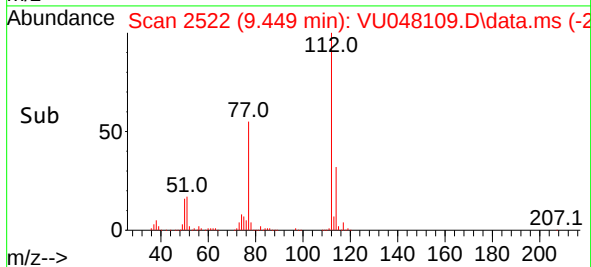
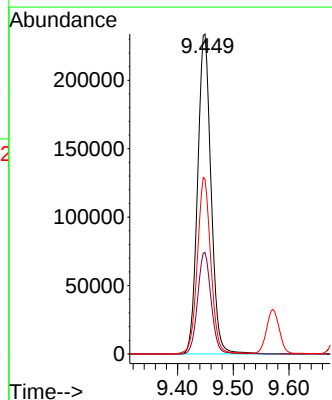
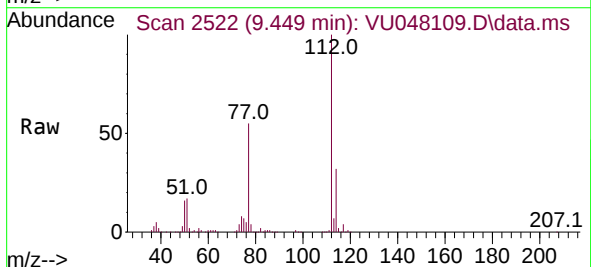
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

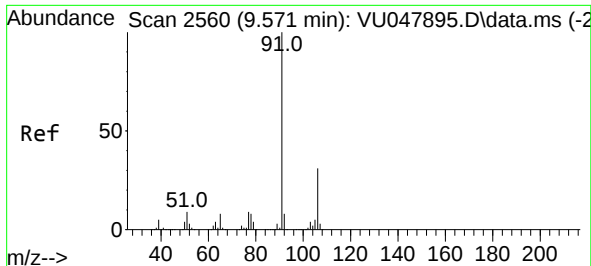
Tgt Ion:107 Resp: 159937
Ion Ratio Lower Upper
107 100
109 95.1 66.6 123.6
188 4.1 3.4 5.2



#51
Chlorobenzene
Concen: 46.208 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

Tgt Ion:112 Resp: 391002
Ion Ratio Lower Upper
112 100
114 31.7 22.1 41.1
77 54.7 43.4 65.0

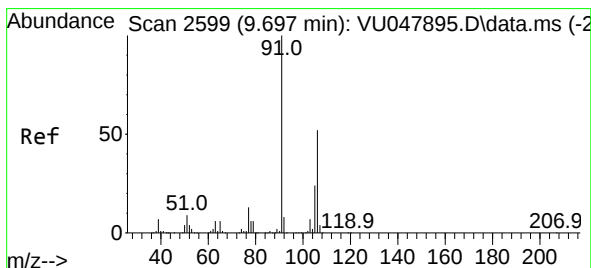
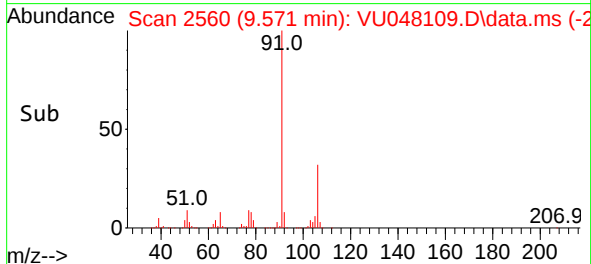
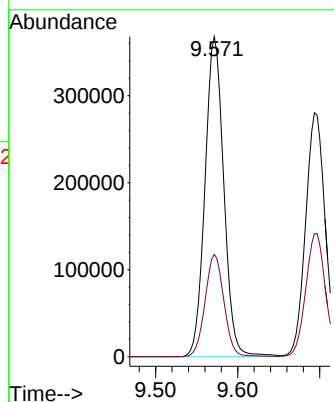
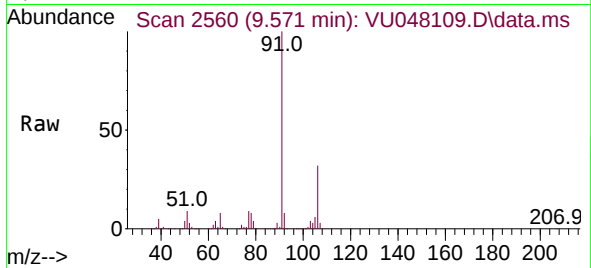




#52
Ethylbenzene
Concen: 44.738 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

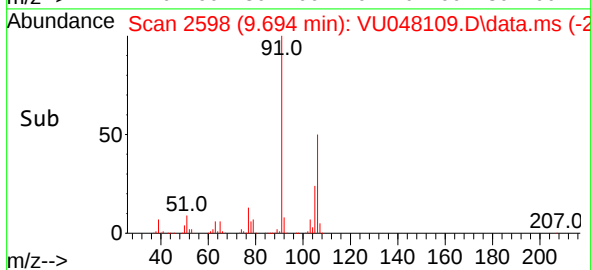
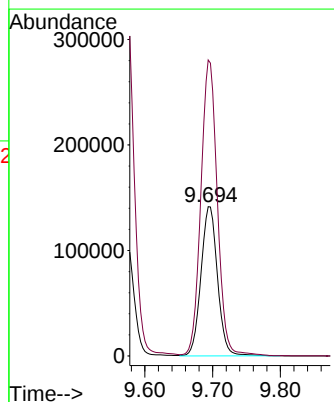
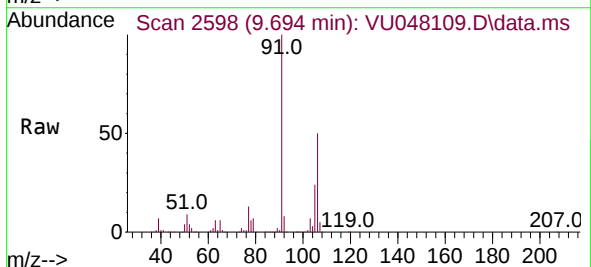
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

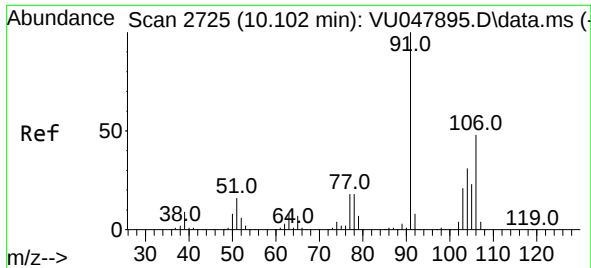
Tgt Ion: 91 Resp: 586236
Ion Ratio Lower Upper
91 100
106 32.0 22.4 41.6



#53
m,p-Xylene
Concen: 46.556 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

Tgt Ion: 106 Resp: 239374
Ion Ratio Lower Upper
106 100
91 198.2 137.7 255.7

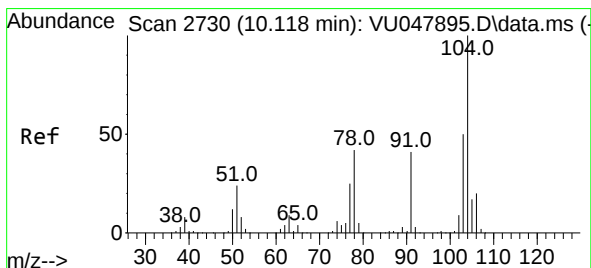
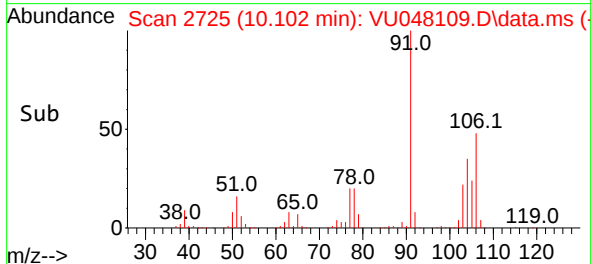
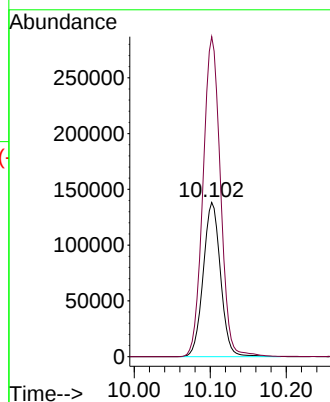
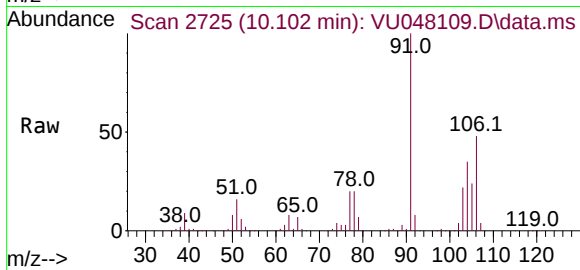




#54
o-Xylene
Concen: 43.377 ug/L
RT: 10.102 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

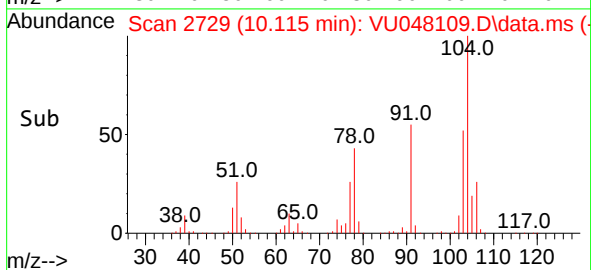
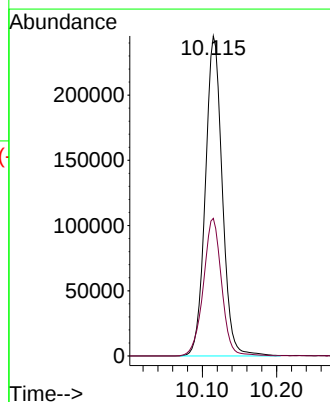
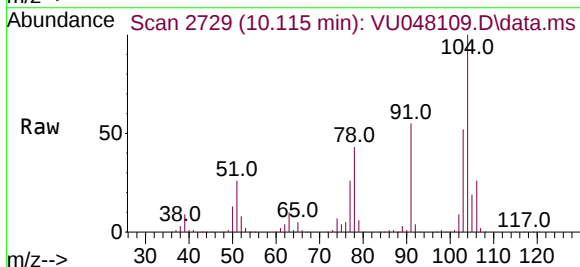
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

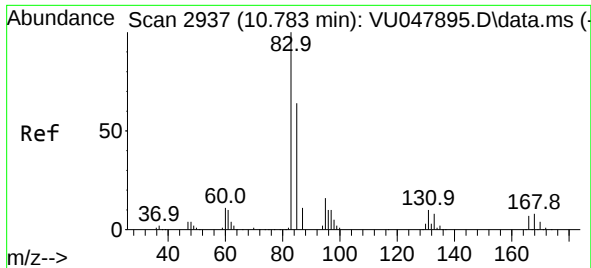
Tgt Ion:106 Resp: 218895
Ion Ratio Lower Upper
106 100
91 207.4 146.7 272.5



#55
Styrene
Concen: 45.063 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

Tgt Ion:104 Resp: 388253
Ion Ratio Lower Upper
104 100
78 43.0 30.4 56.4

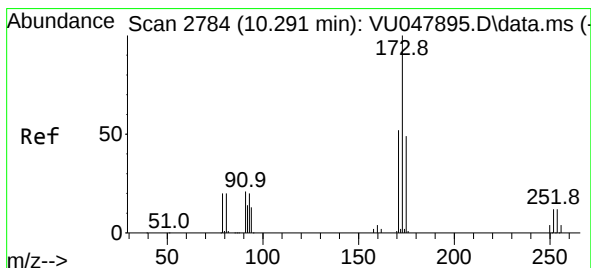
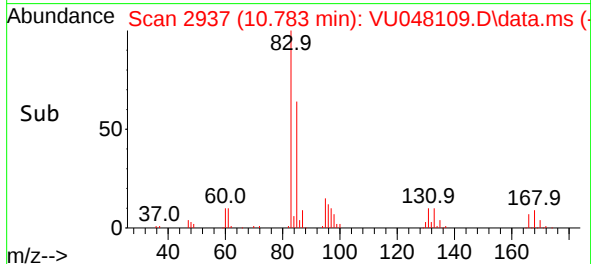
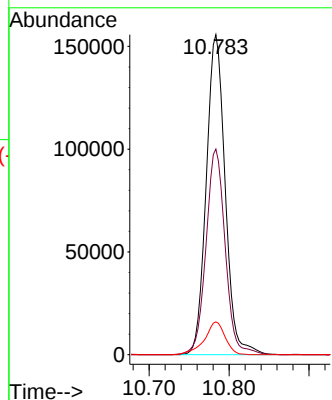
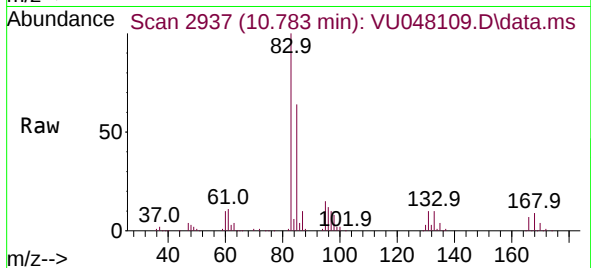




#57
1,1,2,2-Tetrachloroethane
Concen: 44.602 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

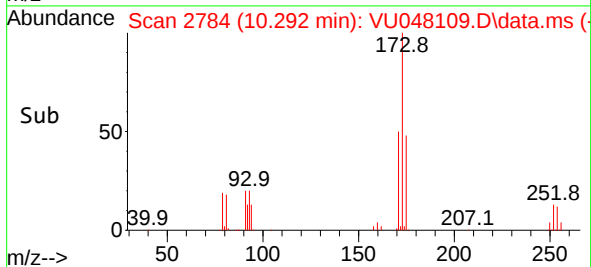
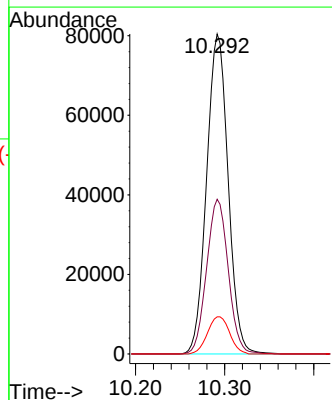
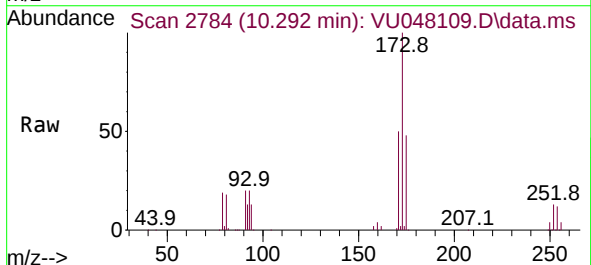
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

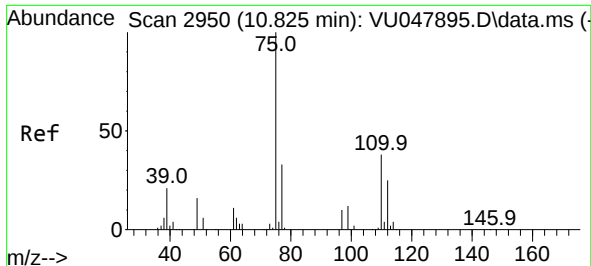
Tgt Ion: 83 Resp: 256057
Ion Ratio Lower Upper
83 100
85 64.3 44.9 83.3
131 10.3 8.6 13.0



#59
Bromoform
Concen: 46.302 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

Tgt Ion:173 Resp: 134776
Ion Ratio Lower Upper
173 100
175 48.6 38.7 58.1
254 12.0 9.6 14.4

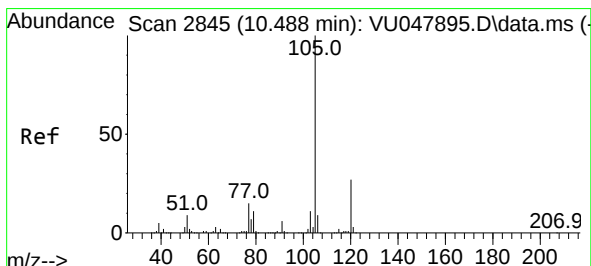
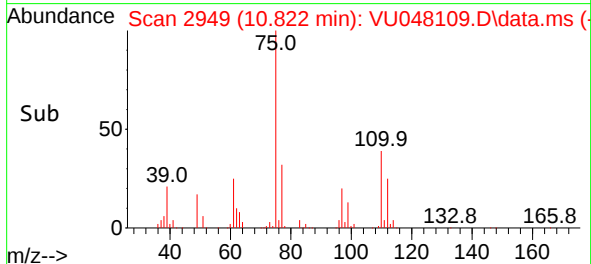
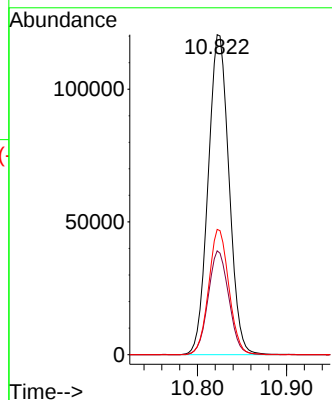
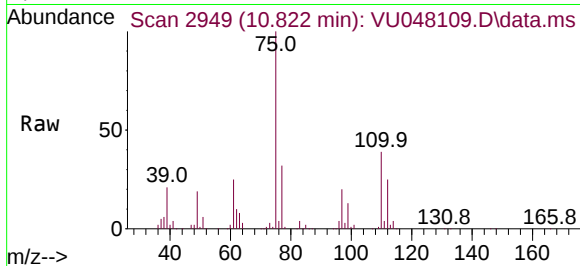




#60
1,2,3-Trichloropropane
Concen: 45.679 ug/L
RT: 10.822 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

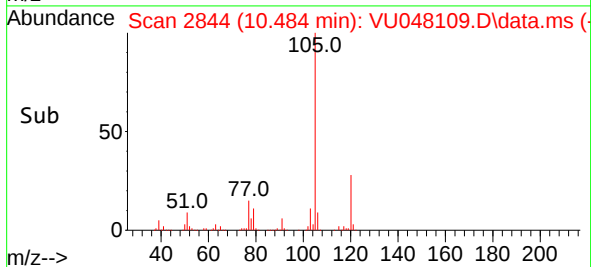
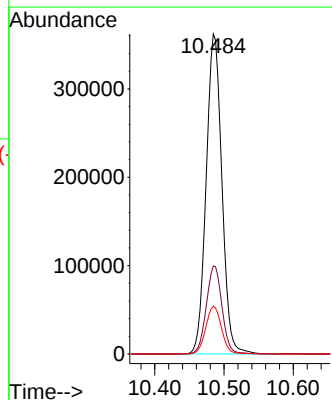
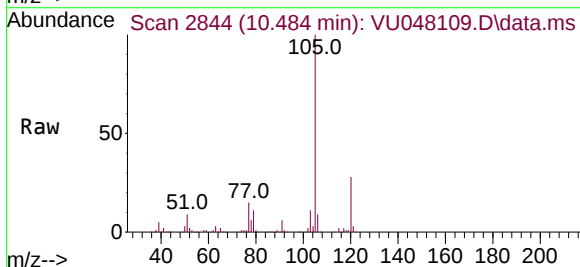
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

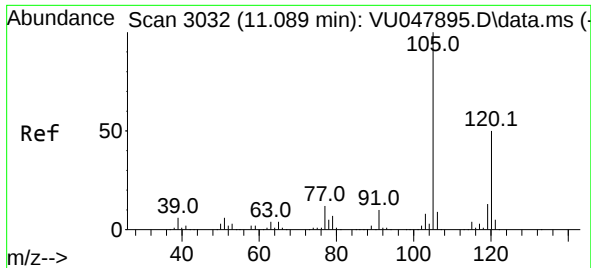
Tgt Ion: 75 Resp: 196022
Ion Ratio Lower Upper
75 100
77 32.3 26.0 39.0
110 38.0 31.4 47.2



#61
Isopropylbenzene
Concen: 46.247 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

Tgt Ion: 105 Resp: 568953
Ion Ratio Lower Upper
105 100
120 27.5 21.9 32.9
77 15.0 12.1 18.1

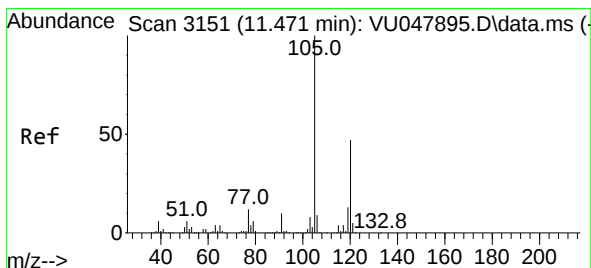
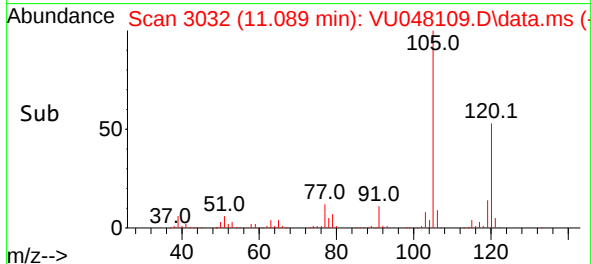
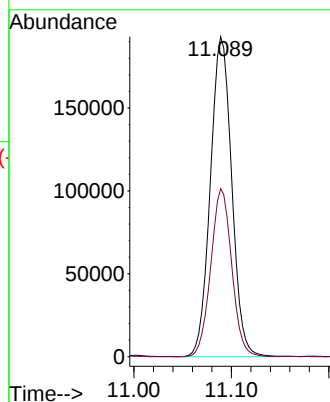
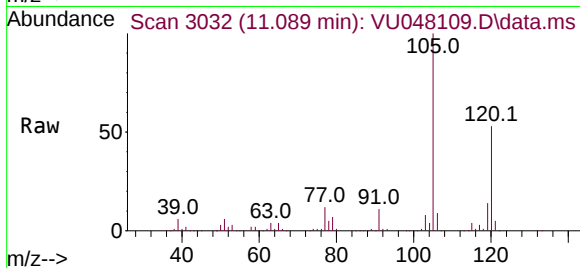




#62
1,3,5-Trimethylbenzene
Concen: 44.077 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

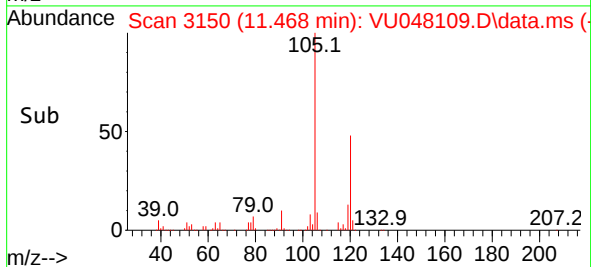
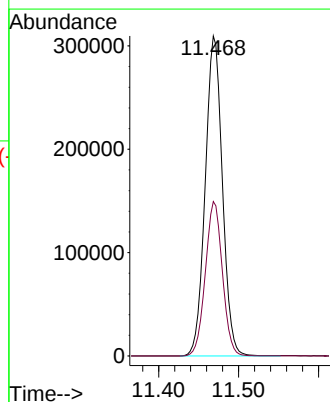
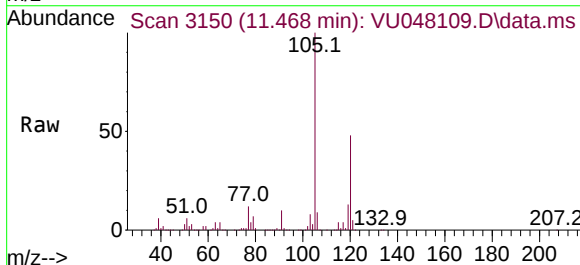
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

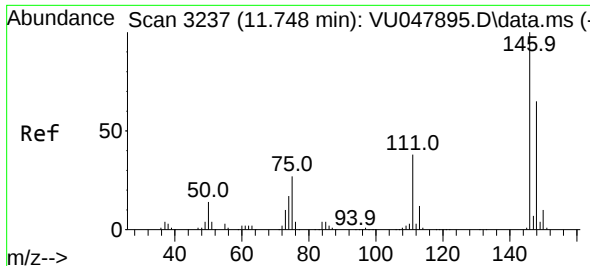
Tgt Ion:105 Resp: 294214
Ion Ratio Lower Upper
105 100
120 51.5 40.8 61.2



#63
1,2,4-Trimethylbenzene
Concen: 45.680 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

Tgt Ion:105 Resp: 463155
Ion Ratio Lower Upper
105 100
120 47.9 37.6 56.4

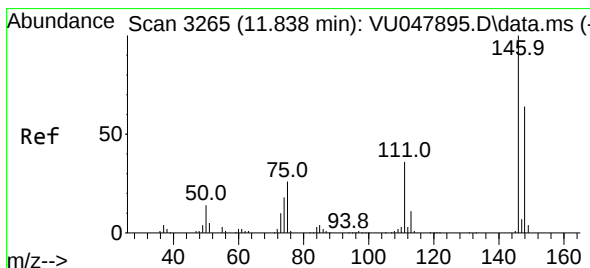
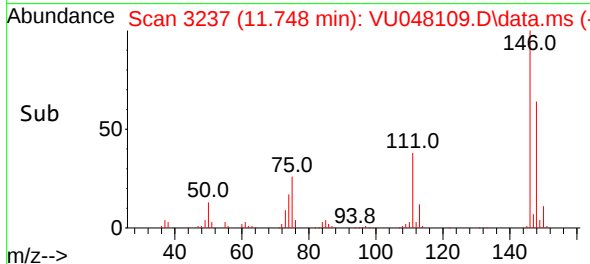
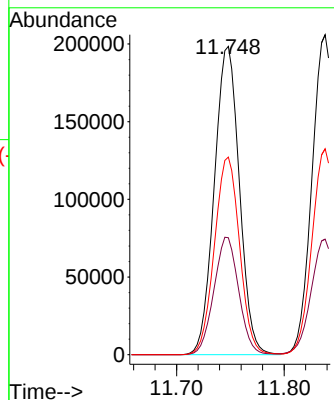
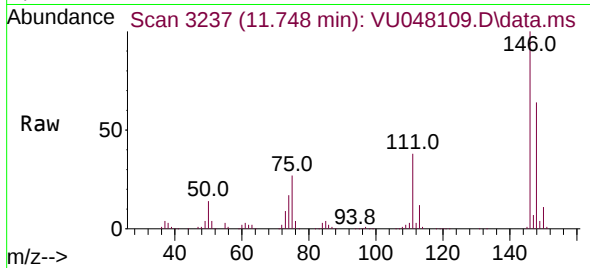




#64
1,3-Dichlorobenzene
Concen: 47.008 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

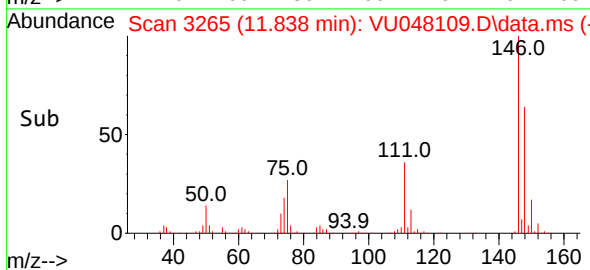
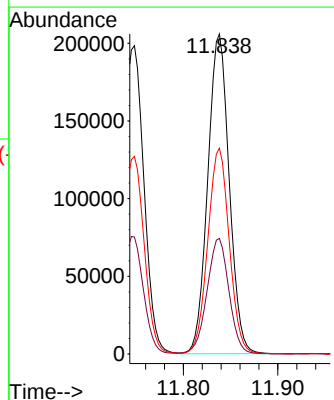
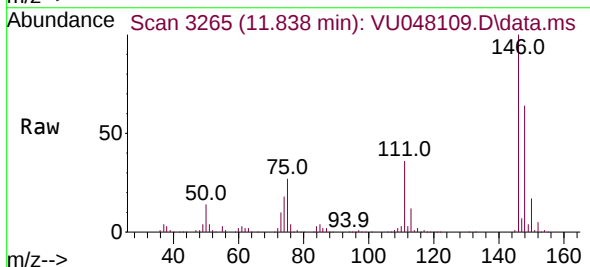
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

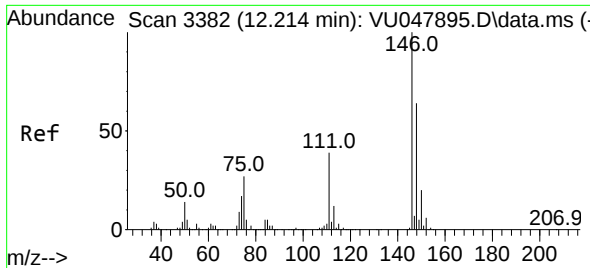
Tgt Ion:146 Resp: 321441
Ion Ratio Lower Upper
146 100
111 37.9 26.7 49.7
148 64.1 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 45.780 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

Tgt Ion:146 Resp: 324251
Ion Ratio Lower Upper
146 100
111 36.1 25.3 47.1
148 64.4 44.5 82.7

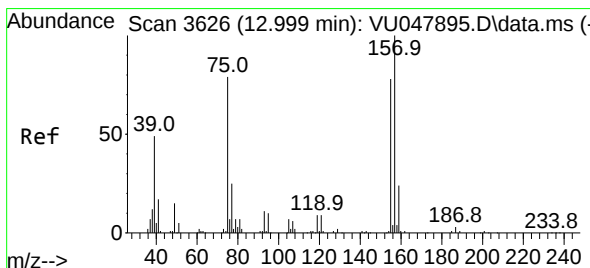
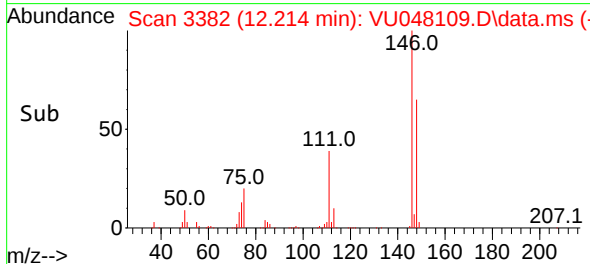
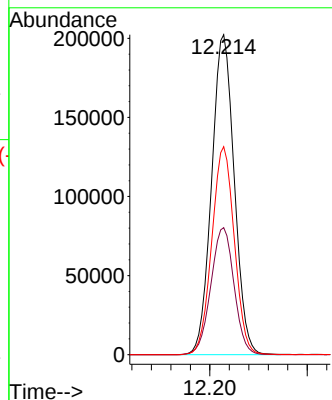
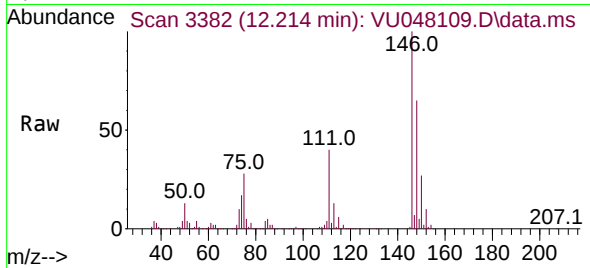




#67
1,2-Dichlorobenzene
Concen: 47.638 ug/L
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

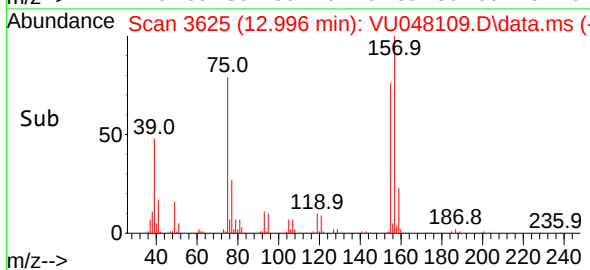
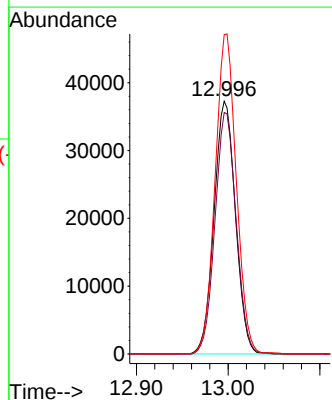
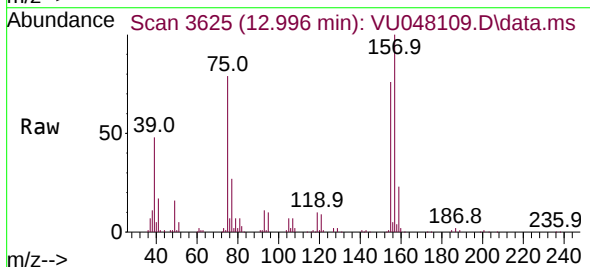
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

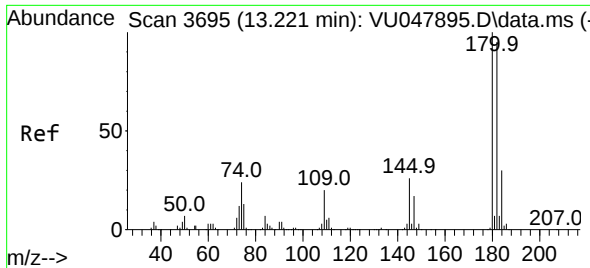
Tgt Ion:146 Resp: 325944
Ion Ratio Lower Upper
146 100
111 39.7 31.7 47.5
148 65.0 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 43.892 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. -0.003 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

Tgt Ion: 75 Resp: 60334
Ion Ratio Lower Upper
75 100
155 95.5 78.9 118.3
157 126.3 97.5 146.3

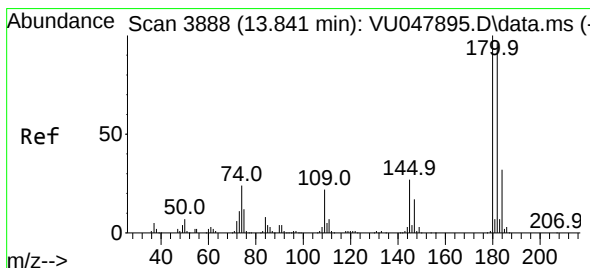
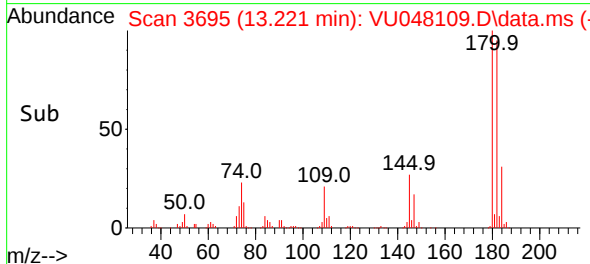
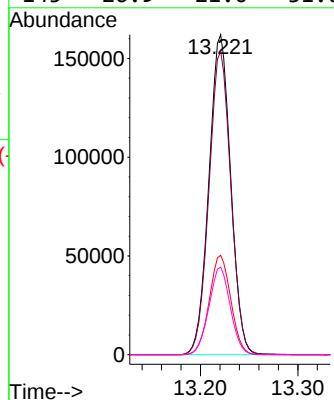
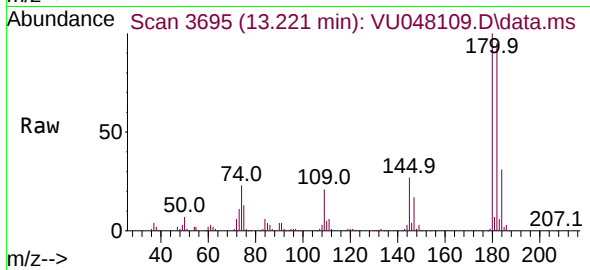




#69
1,3,5-Trichlorobenzene
Concen: 45.223 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. 0.000 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

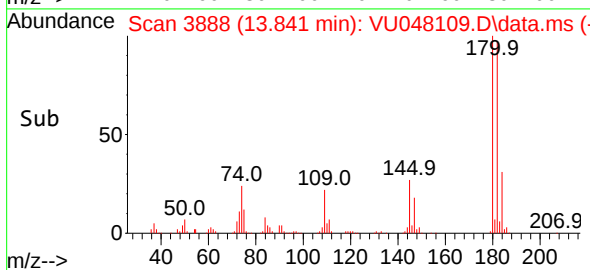
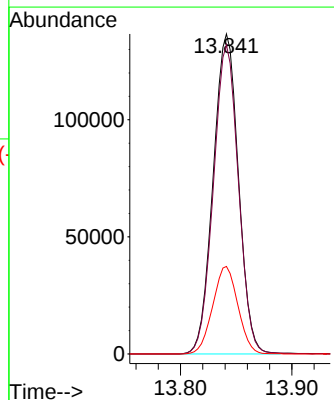
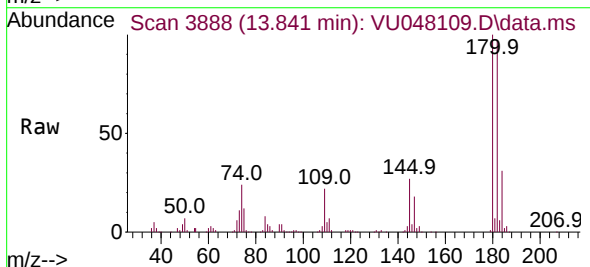
Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

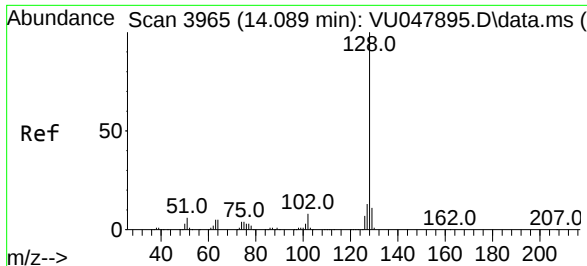
Tgt Ion:180	Resp:	251146
Ion Ratio	Lower	Upper
180	100	
182	95.4	77.0 115.6
184	30.7	24.5 36.7
145	26.9	21.0 31.6



#70
1,2,4-trichlorobenzene
Concen: 44.265 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

Tgt Ion:180	Resp:	215318
Ion Ratio	Lower	Upper
180	100	
182	95.5	76.2 114.2
145	27.3	21.8 32.8

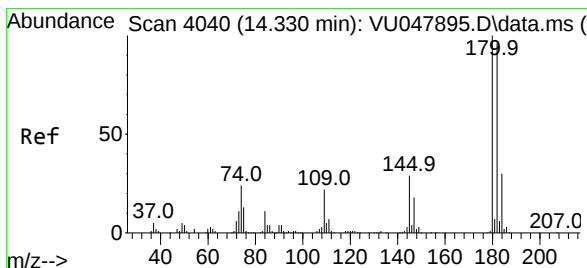
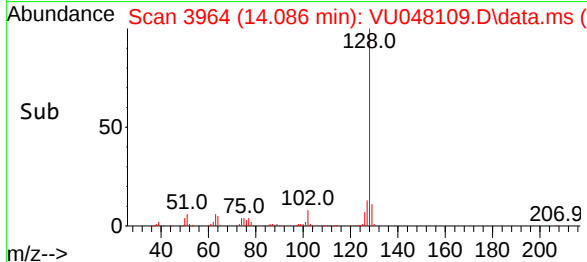
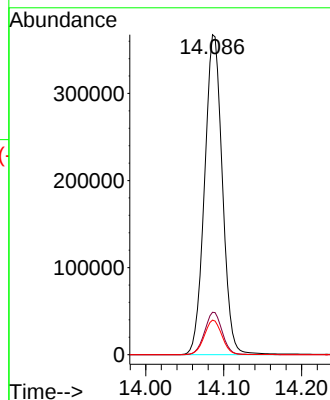
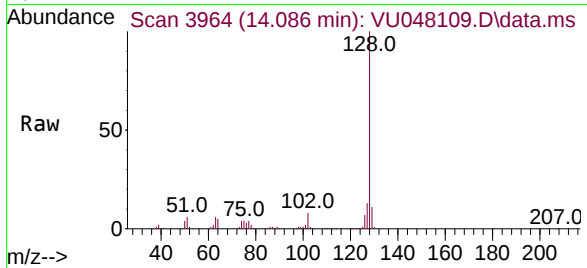




#71
Naphthalene
Concen: 40.167 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

Instrument :
MSVOA_U
ClientSampleId :
VSTD050086

Tgt Ion:128 Resp: 582510
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 44.457 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU048109.D
Acq: 18 Apr 2022 10:16

Tgt Ion:180 Resp: 216789
Ion Ratio Lower Upper
180 100
182 95.6 77.4 116.0
145 27.9 22.8 34.2

