

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042922\
 Data File : VU048348.D
 Acq On : 29 Apr 2022 09:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050107

Quant Time: Apr 30 04:35:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 29 04:27:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	432171	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	445359	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	249268	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	146798	36.938	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.880%
7) Chloroethane-d5	1.906	69	106213	38.075	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.140%
11) 1,1-Dichloroethene-d2	2.565	63	258997	40.674	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.340%
21) 2-Butanone-d5	4.633	46	293103	86.472	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.470%
24) Chloroform-d	5.064	84	309919	42.994	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.980%
26) 1,2-Dichloroethane-d4	5.703	65	186615	43.633	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.260%
32) Benzene-d6	5.729	84	622080	44.289	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.580%
36) 1,2-Dichloropropane-d6	6.690	67	201614	43.417	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.840%
41) Toluene-d8	7.899	98	588277	46.205	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.420%
43) trans-1,3-Dichloroprop...	8.179	79	94257	46.001	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.000%
47) 2-Hexanone-d5	8.642	63	228816	91.331	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.330%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	346994	42.607	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.220%
66) 1,2-Dichlorobenzene-d4	12.195	152	253726	45.249	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	135932	41.625	ug/L	100
3) Chloromethane	1.523	50	141274	37.797	ug/L	99
5) Vinyl chloride	1.604	62	159069	42.232	ug/L	96
6) Bromomethane	1.855	94	80971	46.776	ug/L	95
8) Chloroethane	1.925	64	91433	42.931	ug/L	98
9) Trichlorofluoromethane	2.131	101	231834	47.230	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	151695	46.595	ug/L	99
12) 1,1-Dichloroethene	2.578	96	129064	45.417	ug/L	99
13) Acetone	2.639	43	272356	125.162	ug/L	99
14) Carbon disulfide	2.793	76	272959	39.411	ug/L	100
15) Methyl Acetate	2.951	43	189220	43.805	ug/L	99
16) Methylene chloride	3.048	84	177345	48.406	ug/L	97
17) trans-1,2-Dichloroethene	3.353	96	135544	45.913	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	487759	50.075	ug/L	99
19) 1,1-Dichloroethane	3.871	63	285414	46.233	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	171419	48.171	ug/L	94
22) 2-Butanone	4.713	43	337166	104.783	ug/L	97
23) Bromochloromethane	4.977	128	95610	48.124	ug/L	96
25) Chloroform	5.089	83	303731	48.181	ug/L	99

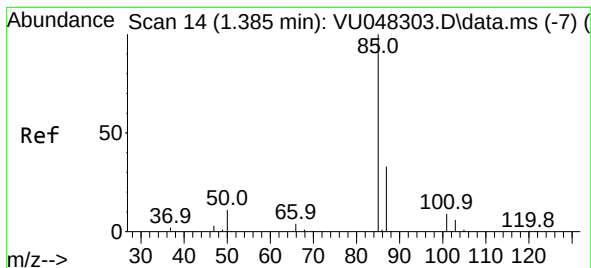
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042922\
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 Quant Title : VOC Analysis
 QLast Update : Fri Apr 29 04:27:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	223016	48.501	ug/L	99
29) Cyclohexane	5.388	56	197741	46.993	ug/L	96
30) 1,1,1-Trichloroethane	5.318	97	246600	48.964	ug/L	99
31) Carbon tetrachloride	5.527	117	210393	49.014	ug/L	99
33) Benzene	5.774	78	638339	48.411	ug/L	100
34) Trichloroethene	6.543	95	158406	49.012	ug/L	100
35) Methylcyclohexane	6.764	83	226428	49.900	ug/L	97
37) 1,2-Dichloropropane	6.793	63	180704	48.167	ug/L	99
38) Bromodichloromethane	7.105	83	232355	49.043	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	263391	49.928	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	570509	100.825	ug/L	99
42) Toluene	7.970	91	696482	50.310	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	257075	49.882	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	190488	48.395	ug/L	99
46) Tetrachloroethene	8.555	164	134596	48.524	ug/L	100
48) 2-Hexanone	8.694	43	485560	102.761	ug/L	99
49) Dibromochloromethane	8.813	129	210790	48.735	ug/L	99
50) 1,2-Dibromoethane	8.925	107	196220	49.159	ug/L	98
51) Chlorobenzene	9.449	112	481347	48.237	ug/L	100
52) Ethylbenzene	9.571	91	746508	52.068	ug/L	98
53) m,p-Xylene	9.694	106	301031	53.207	ug/L	99
54) o-Xylene	10.102	106	303849	53.310	ug/L	100
55) Styrene	10.118	104	522694	53.832	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.787	83	365798	47.088	ug/L	100
59) Bromoform	10.295	173	176243	48.719	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	280065	48.162	ug/L	100
61) Isopropylbenzene	10.485	105	775580	55.648	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	414680	56.451	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	647509	57.333	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	403727	51.668	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	397471	49.827	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	411964	50.048	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	74853	48.219	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	304765	52.489	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	253548	55.275	ug/L	99
71) Naphthalene	14.086	128	807466	61.511	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	267599	56.924	ug/L	100

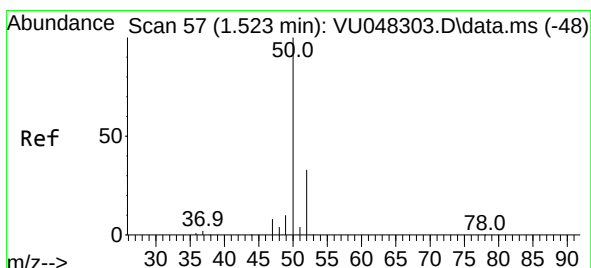
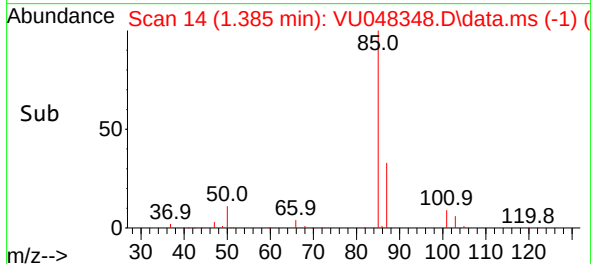
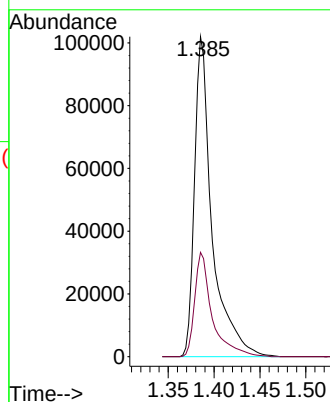
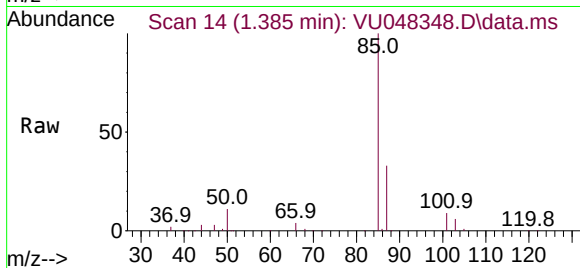
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 41.625 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

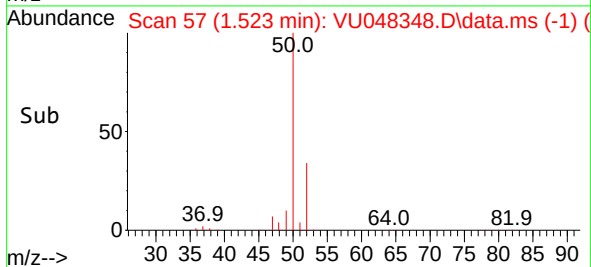
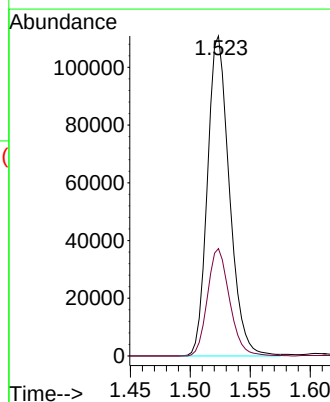
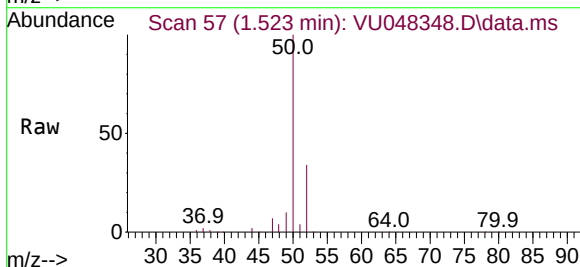
Instrument :
MSVOA_U
ClientSampleId :
VSTD050107

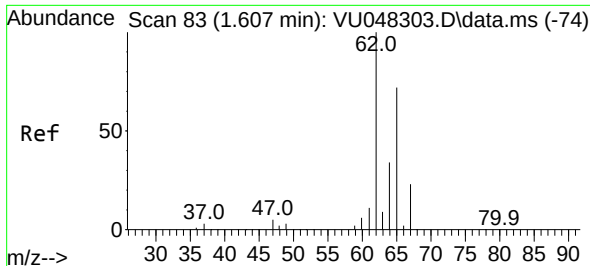
Tgt Ion: 85 Resp: 135932
Ion Ratio Lower Upper
85 100
87 32.4 26.1 39.1



#3
Chloromethane
Concen: 37.797 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

Tgt Ion: 50 Resp: 141274
Ion Ratio Lower Upper
50 100
52 33.6 23.2 43.2

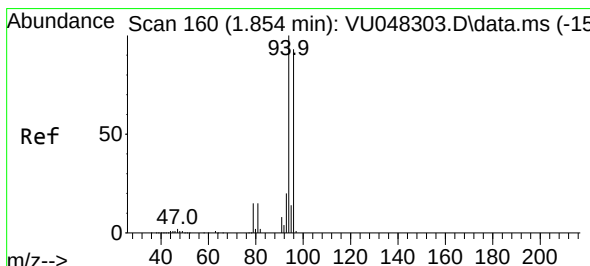
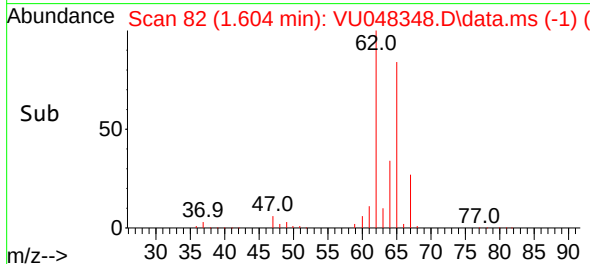
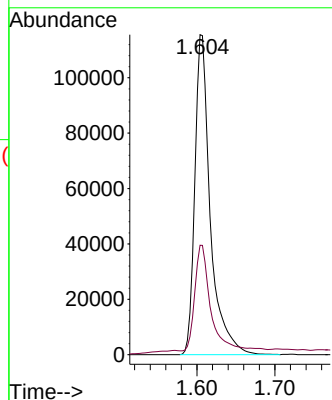
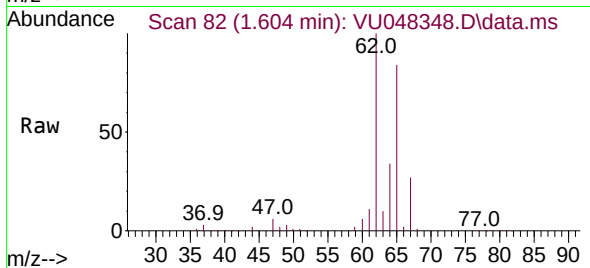




#5
 Vinyl chloride
 Concen: 42.232 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU048348.D
 Acq: 29 Apr 2022 09:44

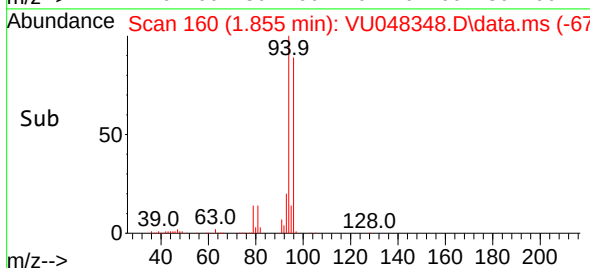
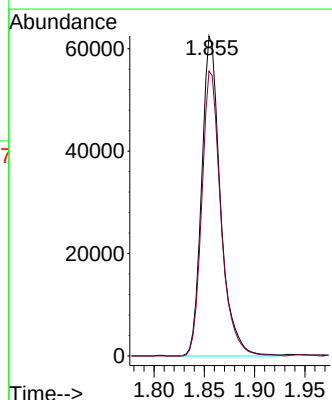
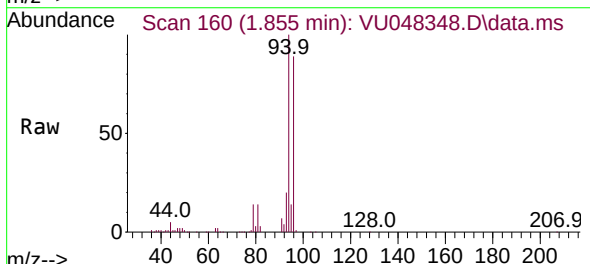
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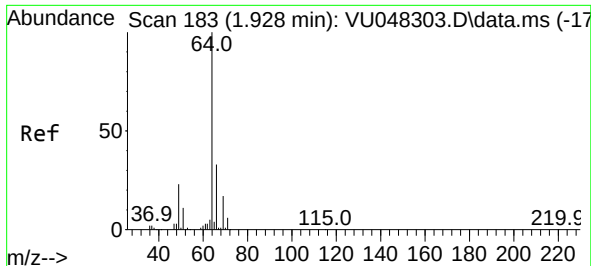
Tgt Ion: 62 Resp: 159069
 Ion Ratio Lower Upper
 62 100
 64 34.2 22.5 41.7



#6
 Bromomethane
 Concen: 46.776 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VU048348.D
 Acq: 29 Apr 2022 09:44

Tgt Ion: 94 Resp: 80971
 Ion Ratio Lower Upper
 94 100
 96 89.0 65.8 122.2

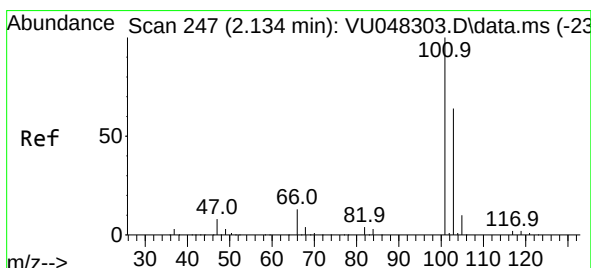
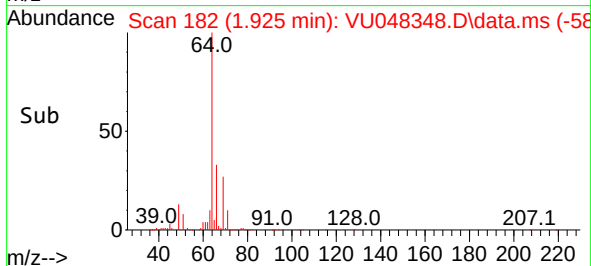
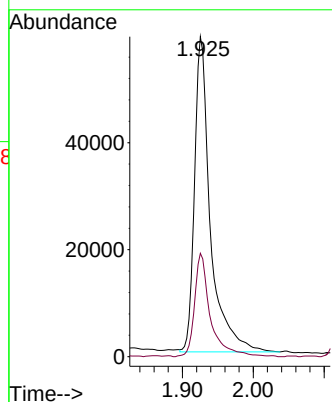
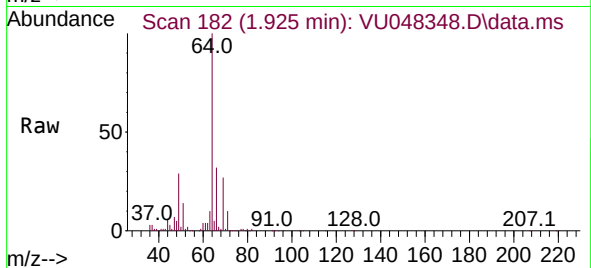




#8
Chloroethane
Concen: 42.931 ug/L
RT: 1.925 min Scan# 182
Delta R.T. 0.000 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

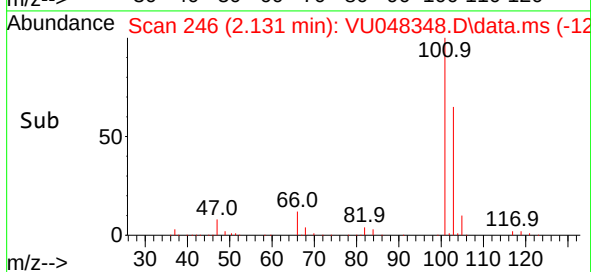
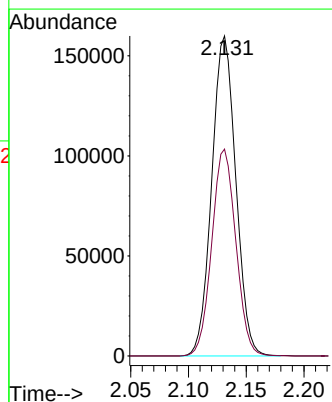
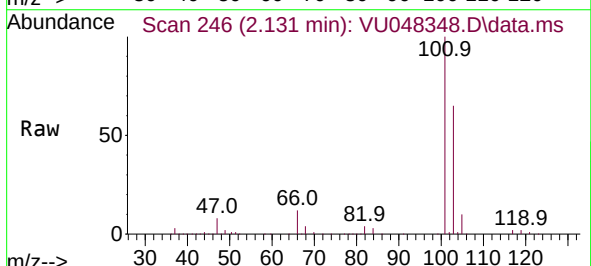
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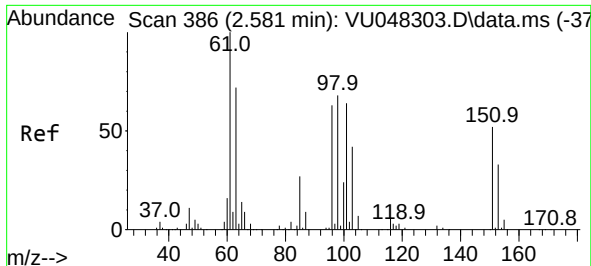
Tgt Ion: 64 Resp: 91433
Ion Ratio Lower Upper
64 100
66 32.3 21.9 40.7



#9
Trichlorofluoromethane
Concen: 47.230 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.003 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

Tgt Ion: 101 Resp: 231834
Ion Ratio Lower Upper
101 100
103 64.7 51.9 77.9

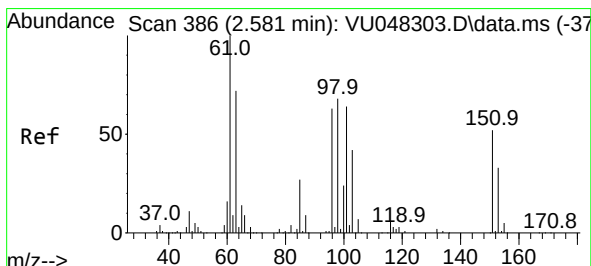
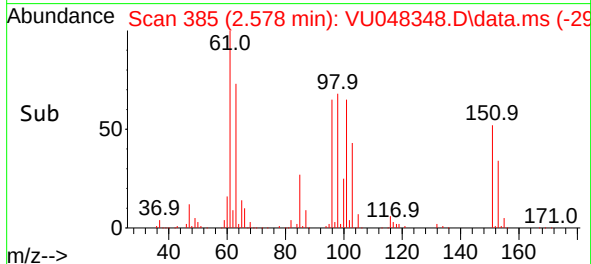
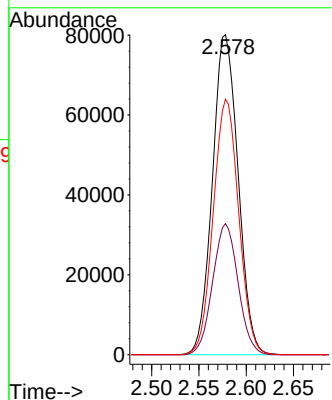
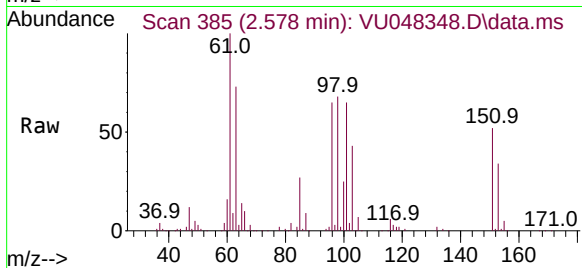




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.595 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU048348.D
 Acq: 29 Apr 2022 09:44

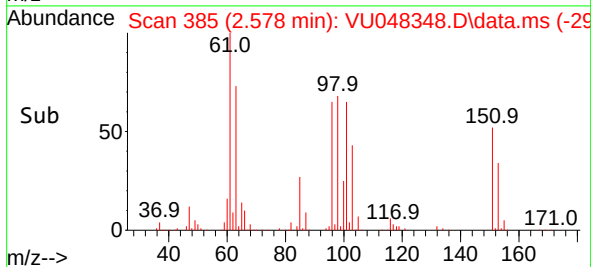
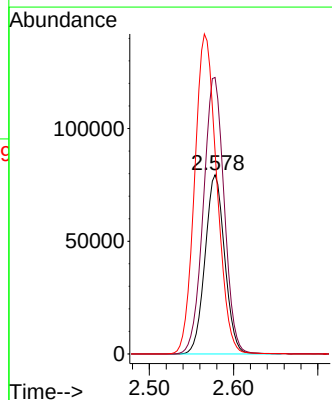
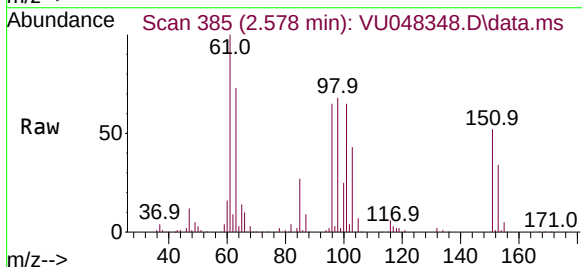
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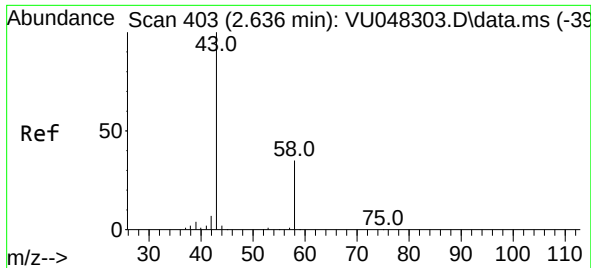
Tgt Ion:101 Resp: 151695
 Ion Ratio Lower Upper
 101 100
 85 40.5 32.6 48.8
 151 79.1 64.1 96.1



#12
 1,1-Dichloroethene
 Concen: 45.417 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU048348.D
 Acq: 29 Apr 2022 09:44

Tgt Ion: 96 Resp: 129064
 Ion Ratio Lower Upper
 96 100
 61 154.2 107.9 200.3
 63 112.7 80.3 149.1





#13

Acetone

Concen: 125.162 ug/L

RT: 2.639 min Scan# 403

Delta R.T. 0.006 min

Lab File: VU048348.D

Acq: 29 Apr 2022 09:44

Instrument :

MSVOA_U

ClientSampleId :

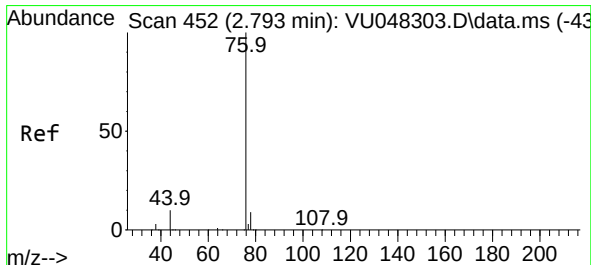
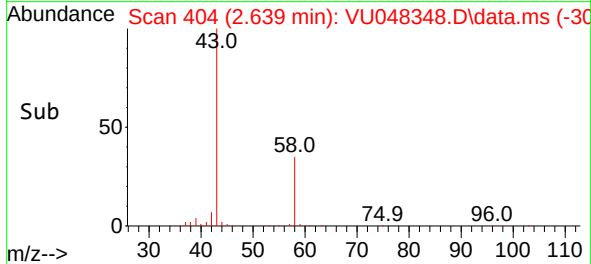
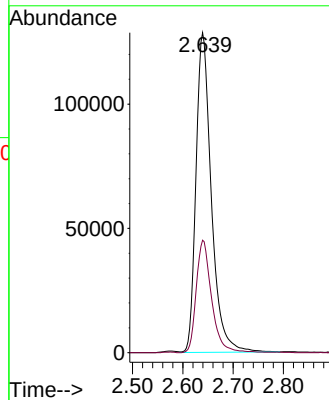
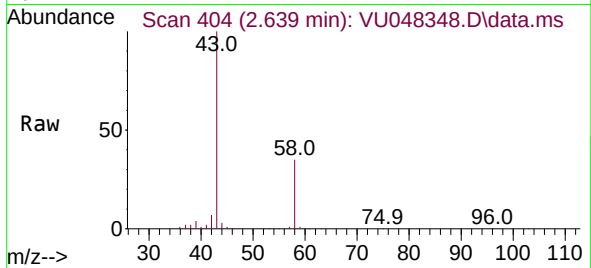
VSTD050107

Tgt Ion: 43 Resp: 272356

Ion Ratio Lower Upper

43 100

58 34.9 0.0 71.2



#14

Carbon disulfide

Concen: 39.411 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU048348.D

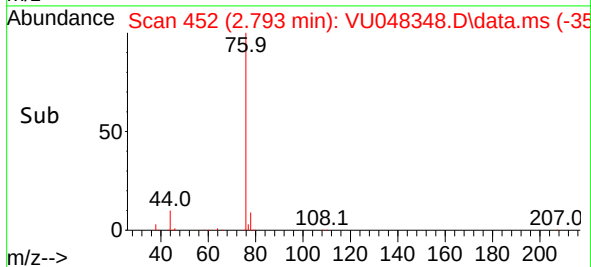
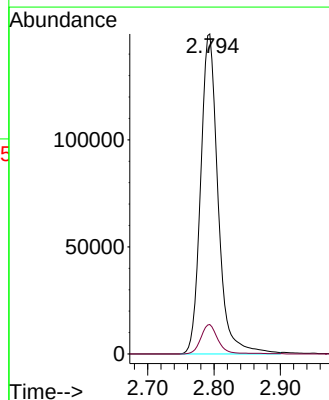
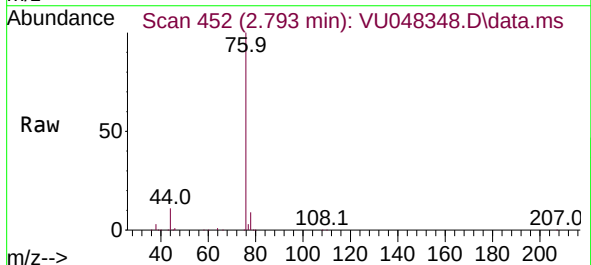
Acq: 29 Apr 2022 09:44

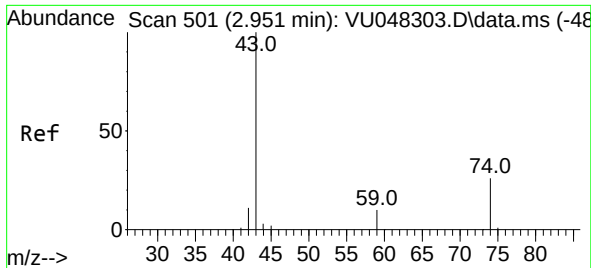
Tgt Ion: 76 Resp: 272959

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

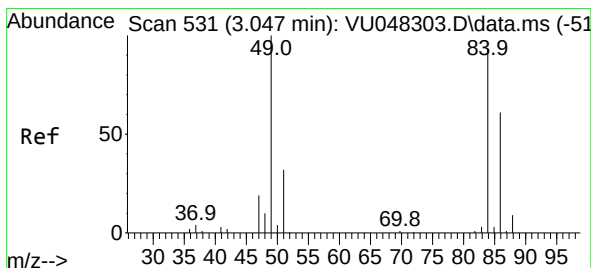
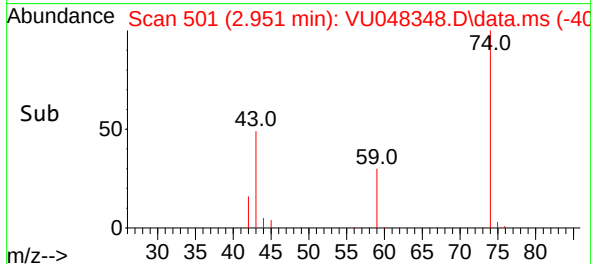
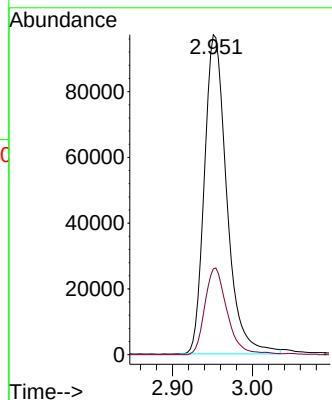
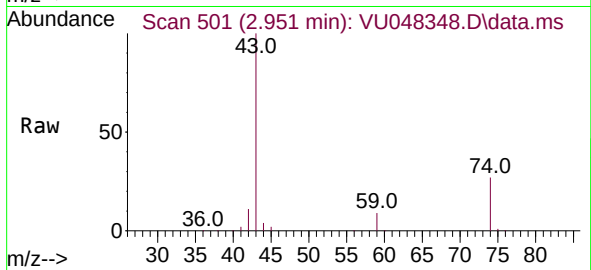




#15
Methyl Acetate
Concen: 43.805 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.000 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

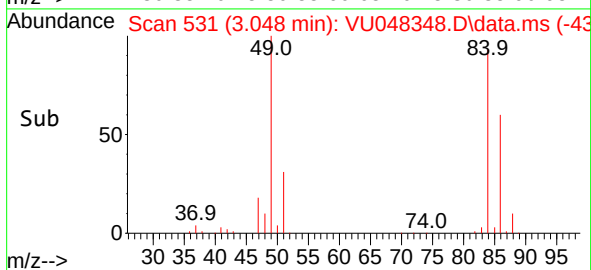
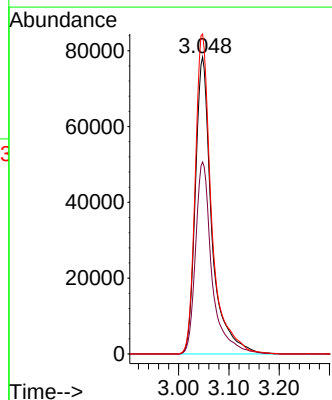
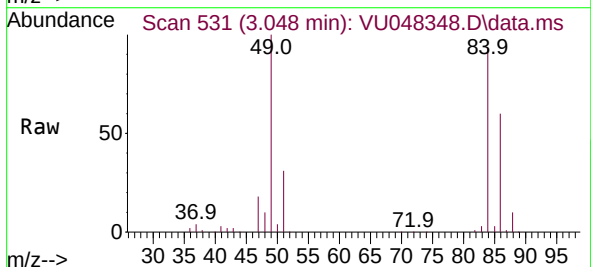
Instrument :
MSVOA_U
ClientSampleId :
VSTD050107

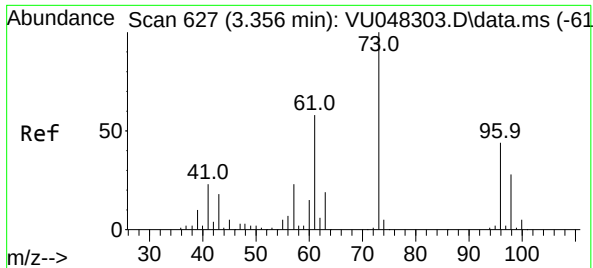
Tgt Ion: 43 Resp: 189220
Ion Ratio Lower Upper
43 100
74 26.8 21.0 31.6



#16
Methylene chloride
Concen: 48.406 ug/L
RT: 3.048 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

Tgt Ion: 84 Resp: 177345
Ion Ratio Lower Upper
84 100
86 64.7 45.4 84.2
49 107.8 79.2 147.0

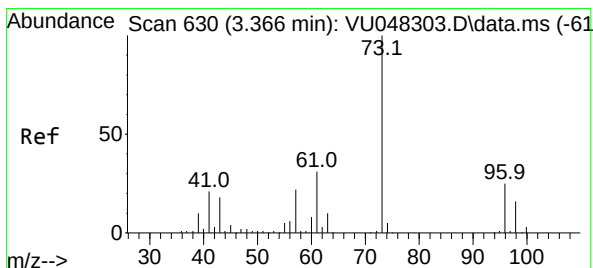
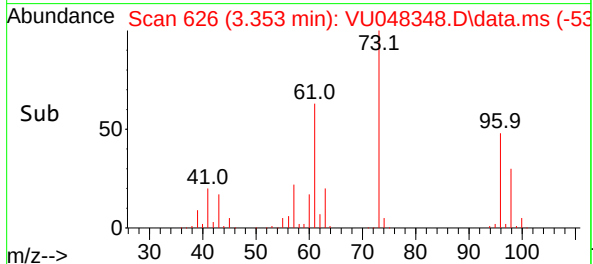
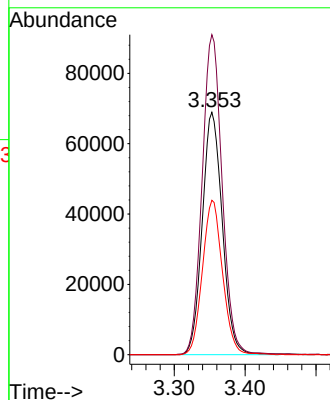
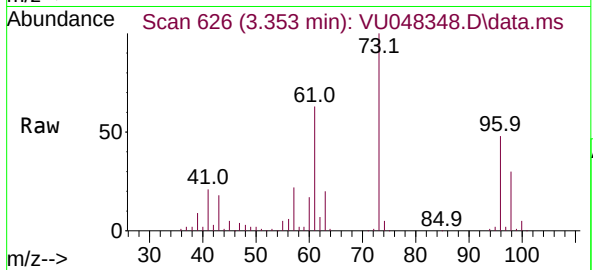




#17
trans-1,2-Dichloroethene
Concen: 45.913 ug/L
RT: 3.353 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

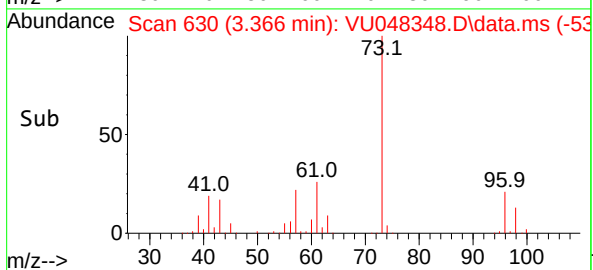
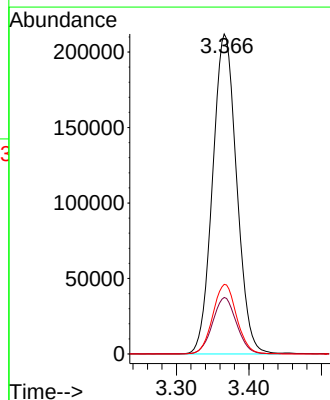
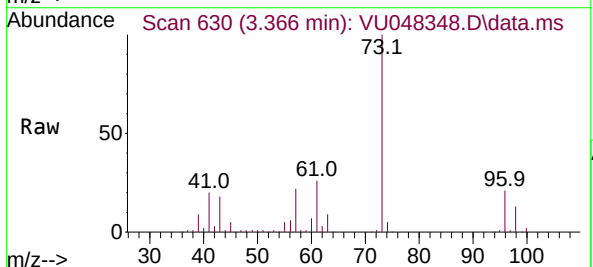
Instrument :
MSVOA_U
ClientSampleId :
VSTD050107

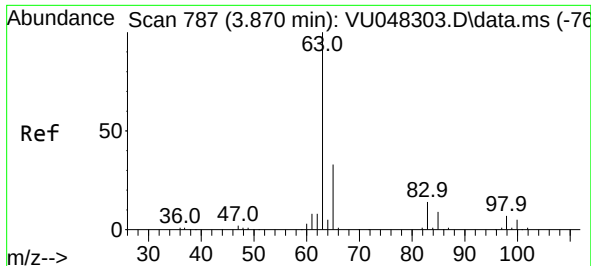
Tgt Ion: 96 Resp: 135544
Ion Ratio Lower Upper
96 100
61 132.0 95.2 176.8
98 63.7 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 50.075 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

Tgt Ion: 73 Resp: 487759
Ion Ratio Lower Upper
73 100
43 17.4 13.8 20.6
57 21.6 17.9 26.9





#19

1,1-Dichloroethane

Concen: 46.233 ug/L

RT: 3.871 min Scan# 787

Delta R.T. 0.000 min

Lab File: VU048348.D

Acq: 29 Apr 2022 09:44

Instrument :

MSVOA_U

ClientSampleId :

VSTD050107

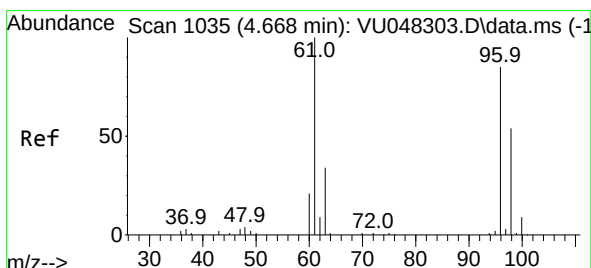
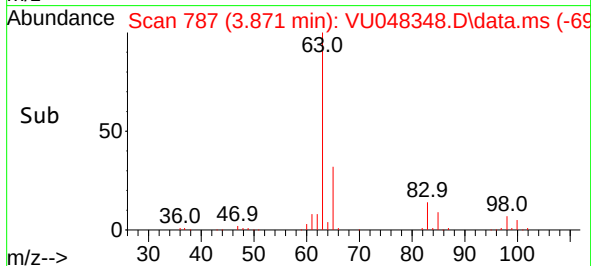
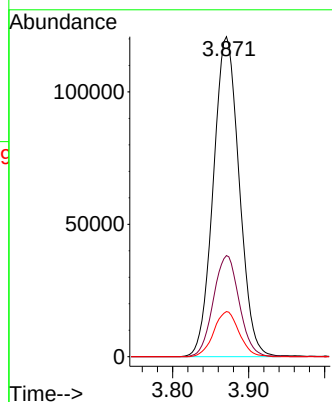
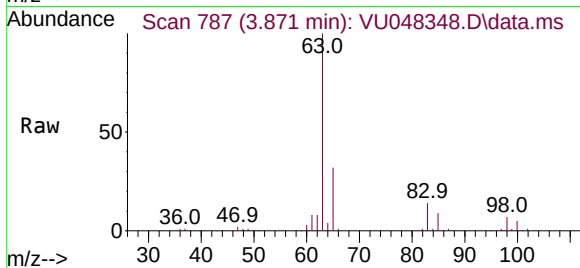
Tgt Ion: 63 Resp: 285414

Ion Ratio Lower Upper

63 100

65 31.6 22.0 40.8

83 14.1 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 48.171 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU048348.D

Acq: 29 Apr 2022 09:44

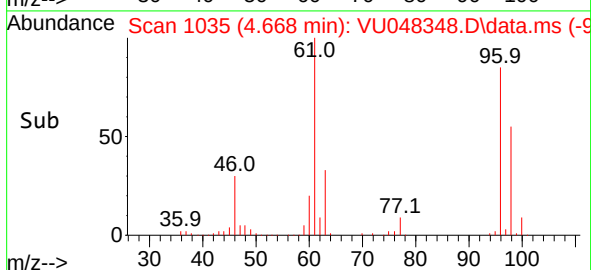
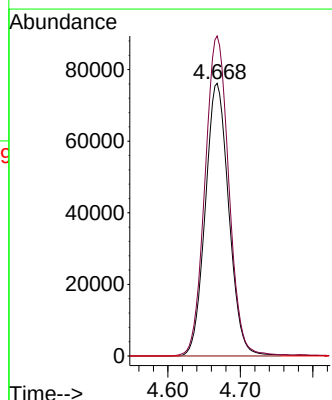
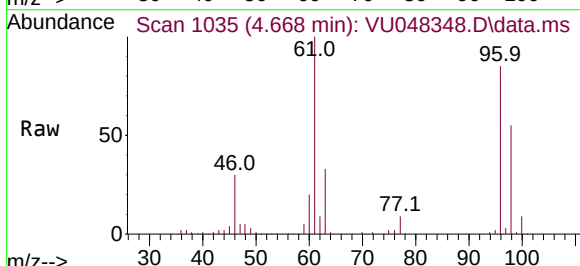
Tgt Ion: 96 Resp: 171419

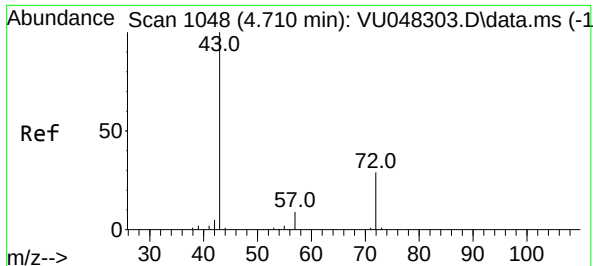
Ion Ratio Lower Upper

96 100

61 117.4 87.0 161.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 104.783 ug/L

RT: 4.713 min Scan# 1048

Delta R.T. 0.006 min

Lab File: VU048348.D

Acq: 29 Apr 2022 09:44

Instrument :

MSVOA_U

ClientSampleId :

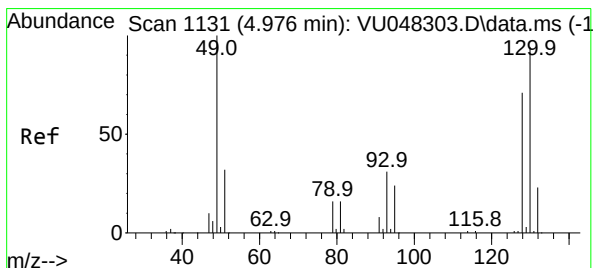
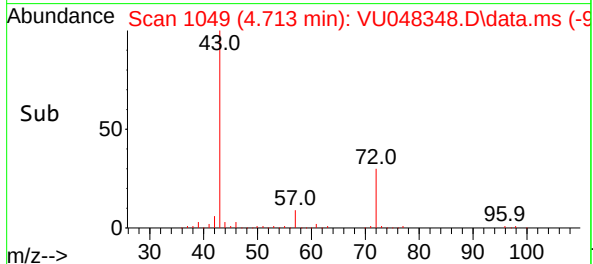
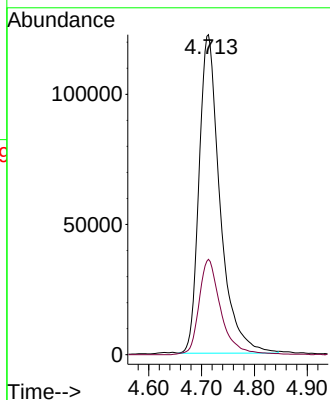
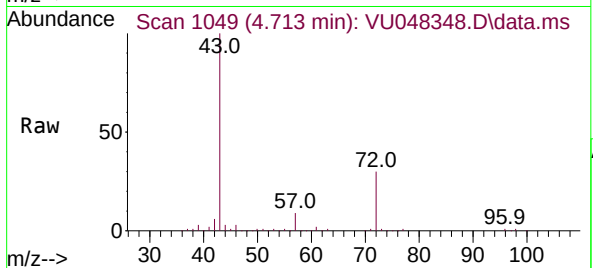
VSTD050107

Tgt Ion: 43 Resp: 337166

Ion Ratio Lower Upper

43 100

72 31.1 14.6 43.8



#23

Bromochloromethane

Concen: 48.124 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VU048348.D

Acq: 29 Apr 2022 09:44

Tgt Ion: 128 Resp: 95610

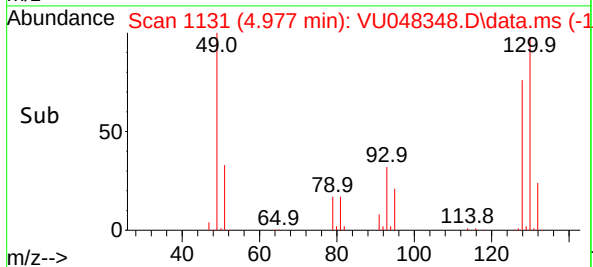
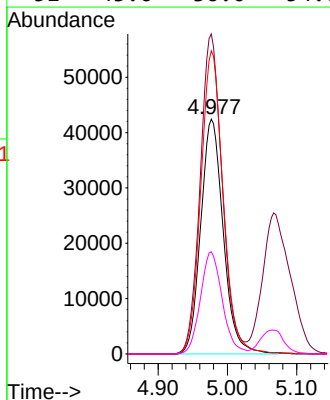
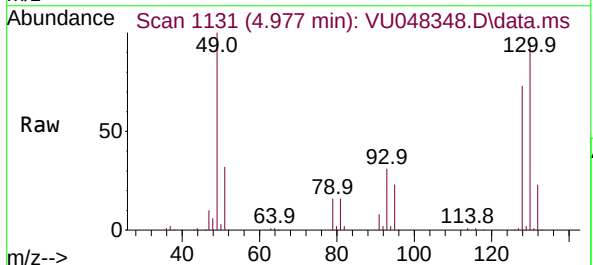
Ion Ratio Lower Upper

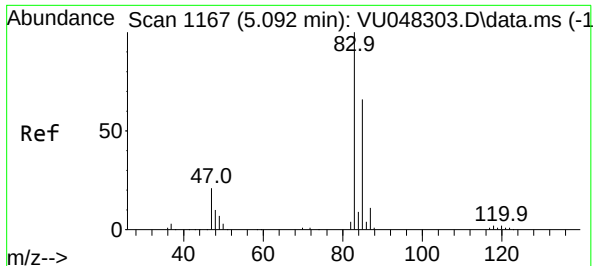
128 100

49 136.3 101.3 188.1

130 129.1 89.0 165.2

51 43.6 36.0 54.0





#25

Chloroform

Concen: 48.181 ug/L

RT: 5.089 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU048348.D

Acq: 29 Apr 2022 09:44

Instrument :

MSVOA_U

ClientSampleId :

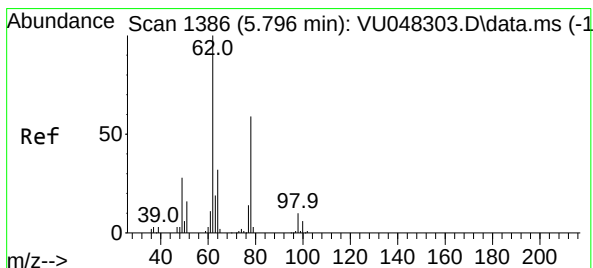
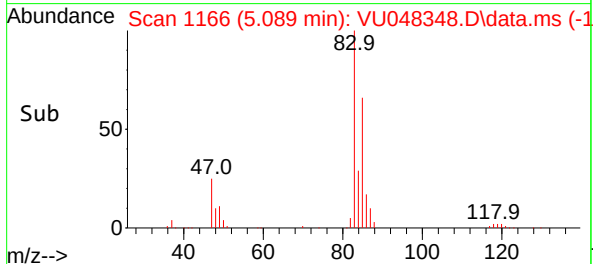
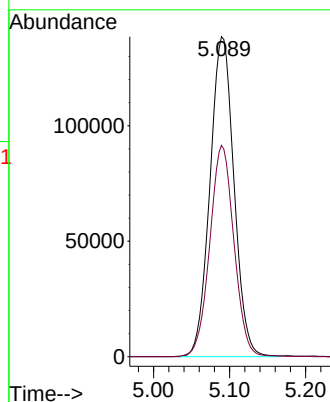
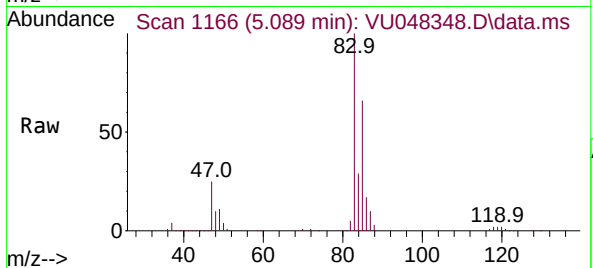
VSTD050107

Tgt Ion: 83 Resp: 303731

Ion Ratio Lower Upper

83 100

85 66.0 45.7 84.9



#27

1,2-Dichloroethane

Concen: 48.501 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU048348.D

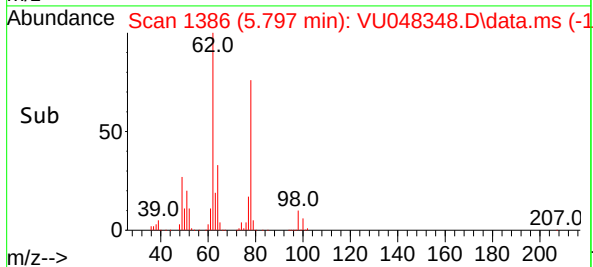
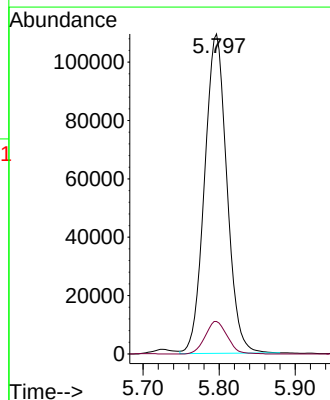
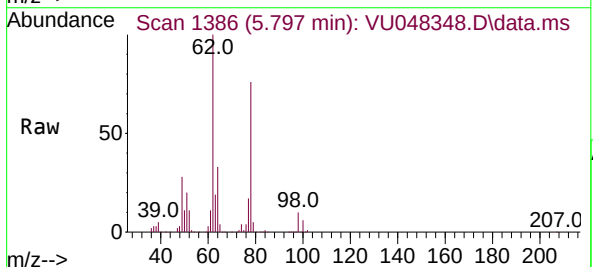
Acq: 29 Apr 2022 09:44

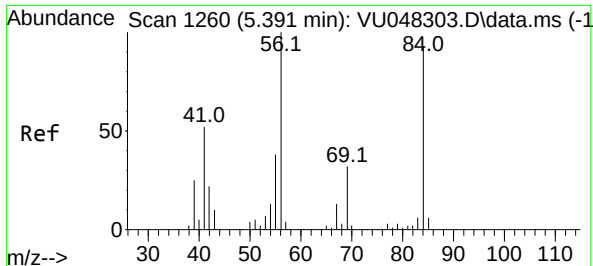
Tgt Ion: 62 Resp: 223016

Ion Ratio Lower Upper

62 100

98 10.2 8.5 12.7

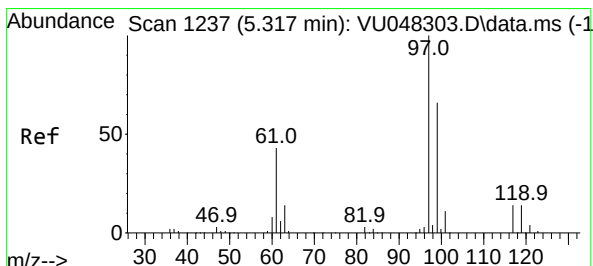
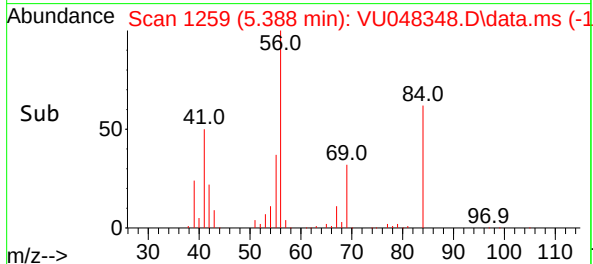
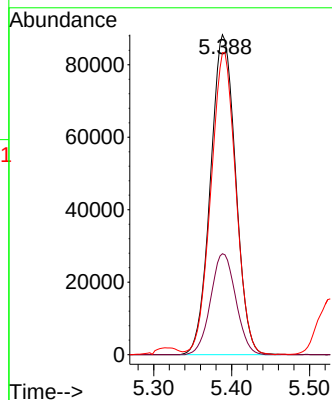
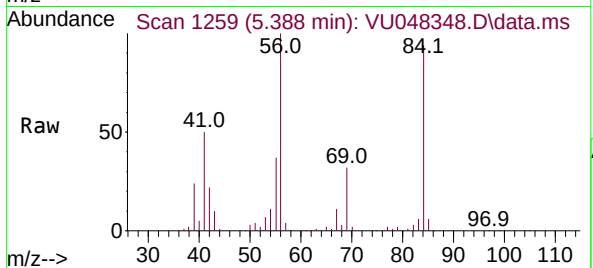




#29
Cyclohexane
Concen: 46.993 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

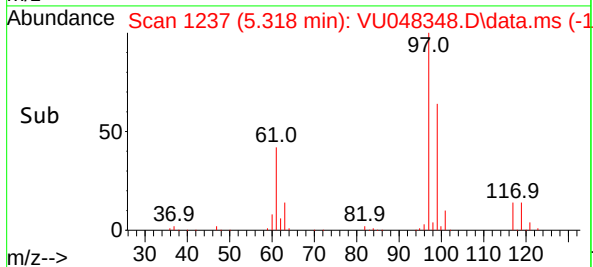
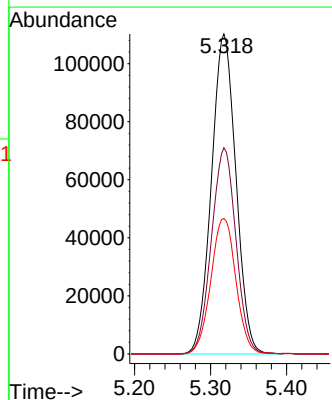
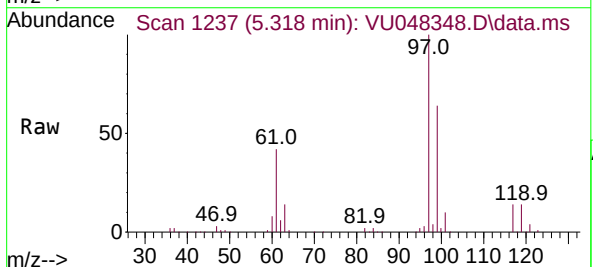
Instrument :
MSVOA_U
ClientSampleId :
VSTD050107

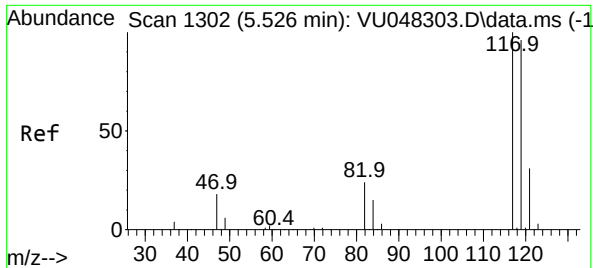
Tgt Ion: 56 Resp: 197741
Ion Ratio Lower Upper
56 100
69 31.6 24.2 36.4
84 94.2 72.2 108.2



#30
1,1,1-Trichloroethane
Concen: 48.964 ug/L
RT: 5.318 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

Tgt Ion: 97 Resp: 246600
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.8
61 43.4 33.9 50.9

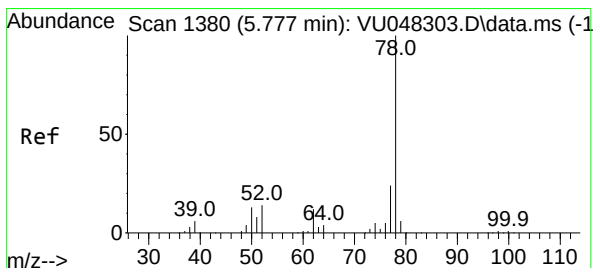
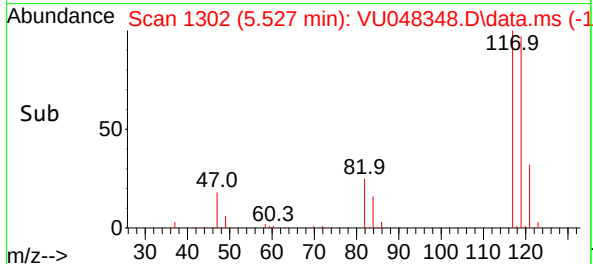
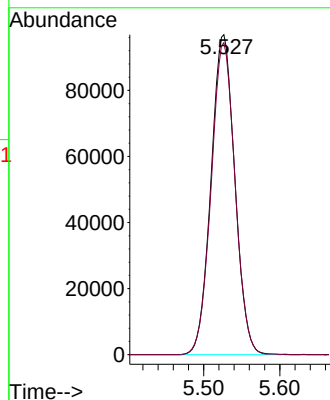
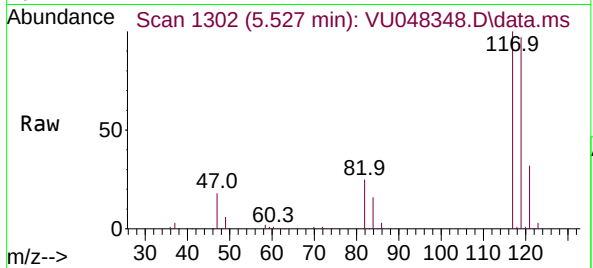




#31
Carbon tetrachloride
Concen: 49.014 ug/L
RT: 5.527 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

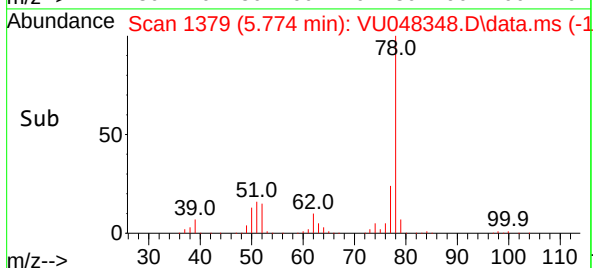
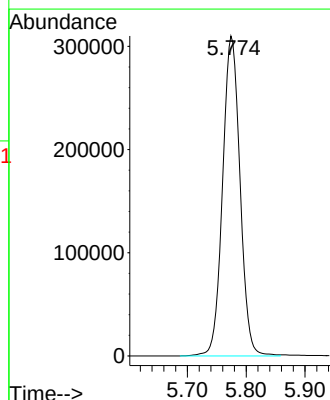
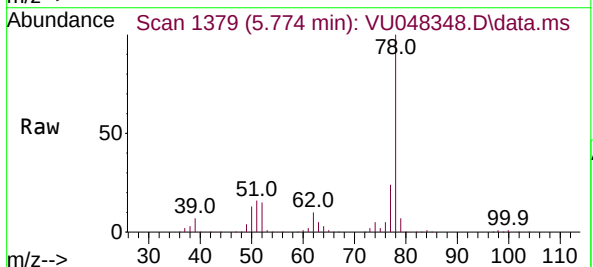
Instrument :
MSVOA_U
ClientSampleId :
VSTD050107

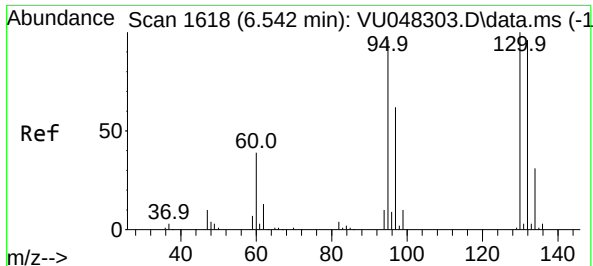
Tgt Ion:117 Resp: 210393
Ion Ratio Lower Upper
117 100
119 97.6 77.1 115.7



#33
Benzene
Concen: 48.411 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

Tgt Ion: 78 Resp: 638339

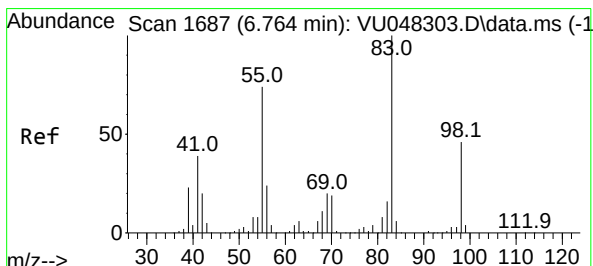
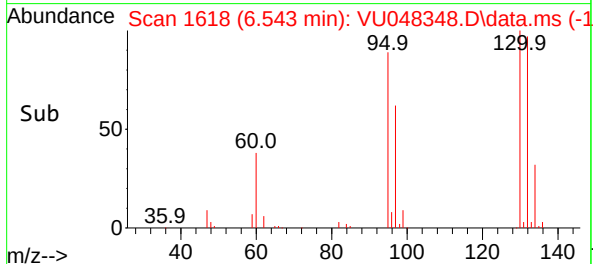
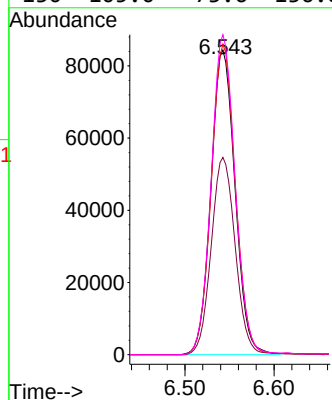
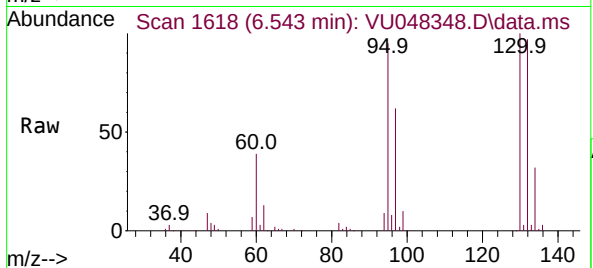




#34
Trichloroethene
Concen: 49.012 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

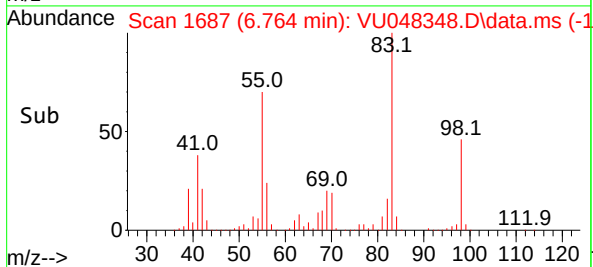
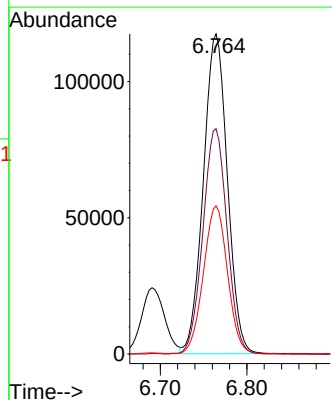
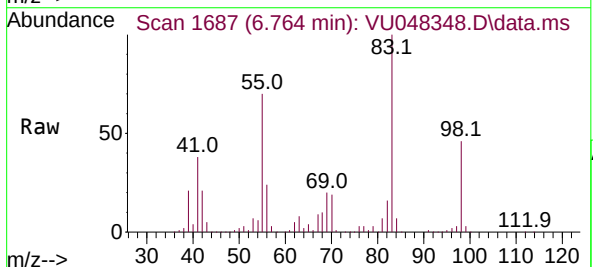
Instrument :
MSVOA_U
ClientSampleId :
VSTD050107

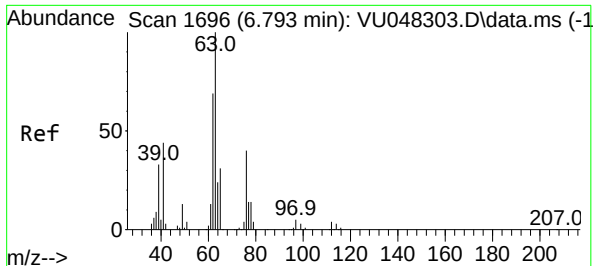
Tgt Ion: 95 Resp: 158406
Ion Ratio Lower Upper
95 100
97 64.7 45.8 85.2
132 101.9 71.6 133.0
130 105.0 73.6 136.8



#35
Methylcyclohexane
Concen: 49.900 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

Tgt Ion: 83 Resp: 226428
Ion Ratio Lower Upper
83 100
55 70.8 59.4 89.2
98 46.5 37.3 55.9





#37

1,2-Dichloropropane

Concen: 48.167 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048348.D

Acq: 29 Apr 2022 09:44

Instrument :

MSVOA_U

ClientSampleId :

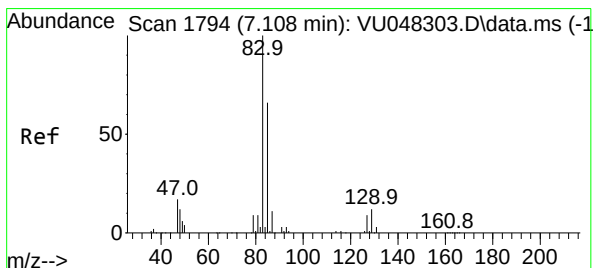
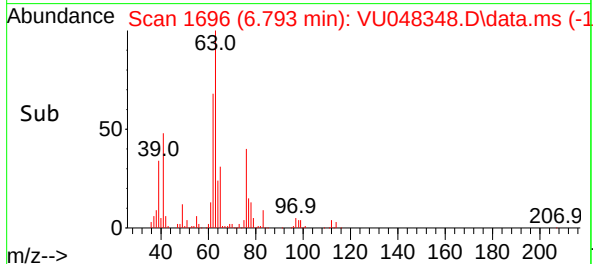
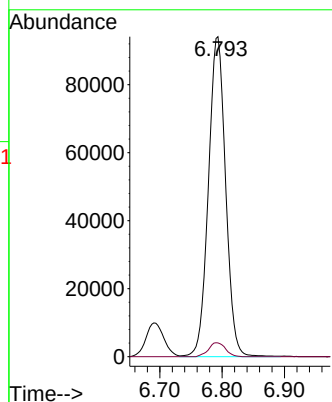
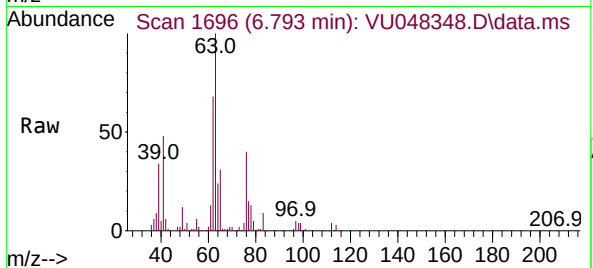
VSTD050107

Tgt Ion: 63 Resp: 180704

Ion Ratio Lower Upper

63 100

112 4.3 3.1 4.7



#38

Bromodichloromethane

Concen: 49.043 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU048348.D

Acq: 29 Apr 2022 09:44

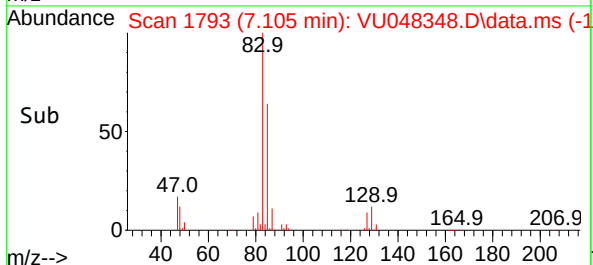
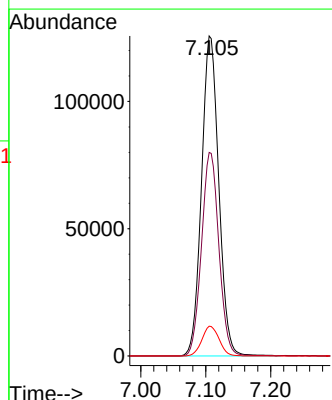
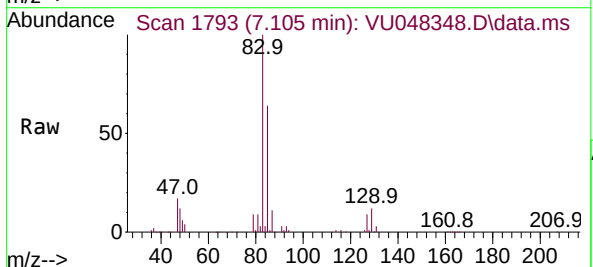
Tgt Ion: 83 Resp: 232355

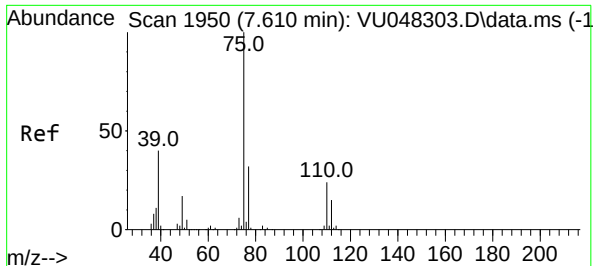
Ion Ratio Lower Upper

83 100

85 63.6 45.3 84.1

127 9.3 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 49.928 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU048348.D

Acq: 29 Apr 2022 09:44

Instrument :

MSVOA_U

ClientSampleId :

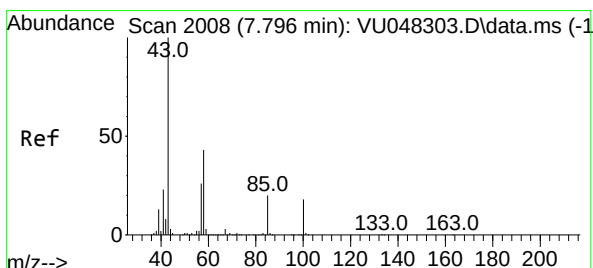
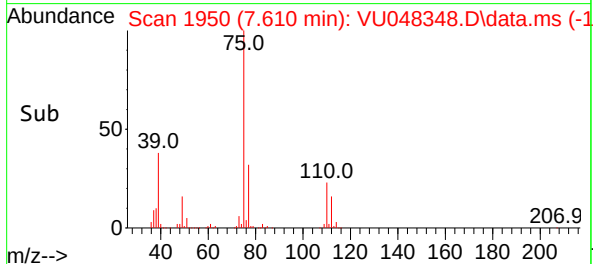
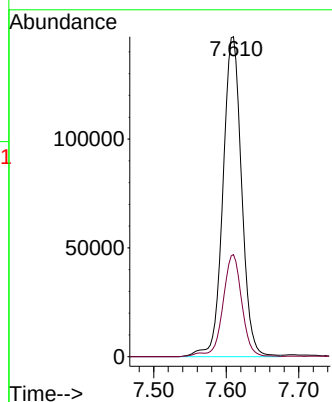
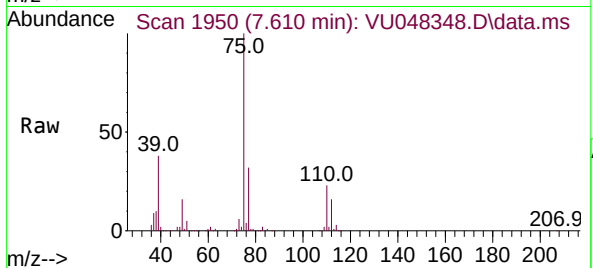
VSTD050107

Tgt Ion: 75 Resp: 263391

Ion Ratio Lower Upper

75 100

77 31.9 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 100.825 ug/L

RT: 7.800 min Scan# 2009

Delta R.T. 0.003 min

Lab File: VU048348.D

Acq: 29 Apr 2022 09:44

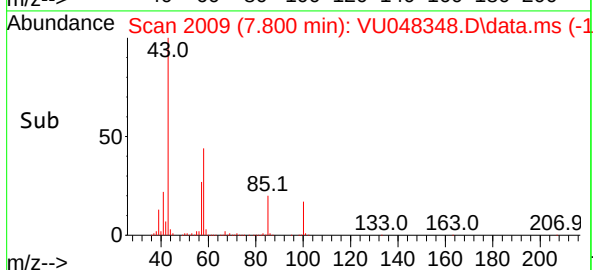
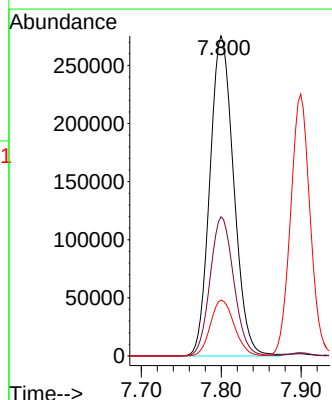
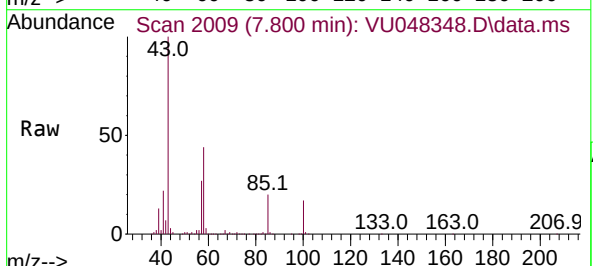
Tgt Ion: 43 Resp: 570509

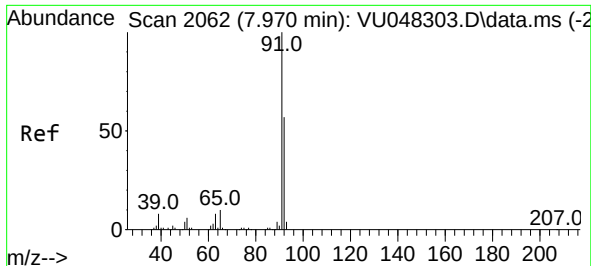
Ion Ratio Lower Upper

43 100

58 43.3 34.4 51.6

100 17.5 13.6 20.4





#42

Toluene

Concen: 50.310 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048348.D

Acq: 29 Apr 2022 09:44

Instrument :

MSVOA_U

ClientSampleId :

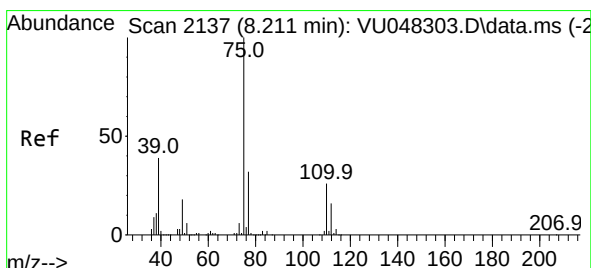
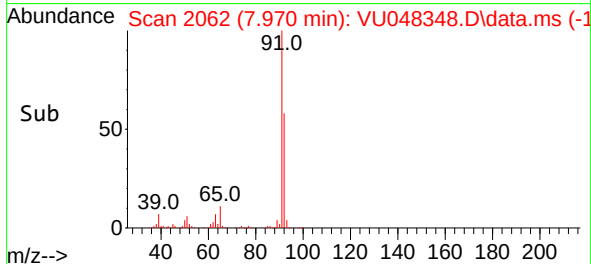
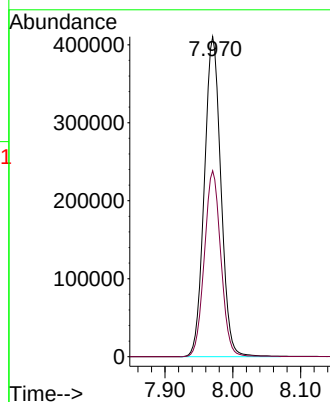
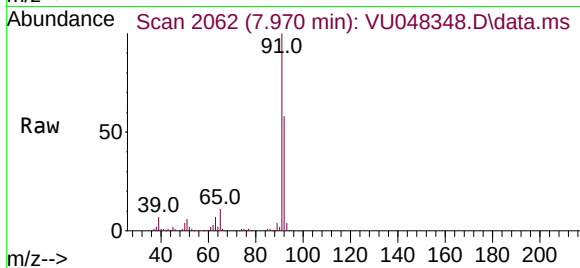
VSTD050107

Tgt Ion: 91 Resp: 696482

Ion Ratio Lower Upper

91 100

92 58.1 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 49.882 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU048348.D

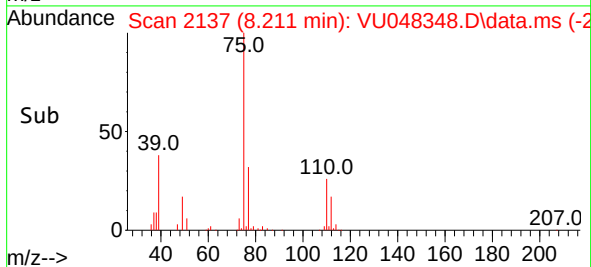
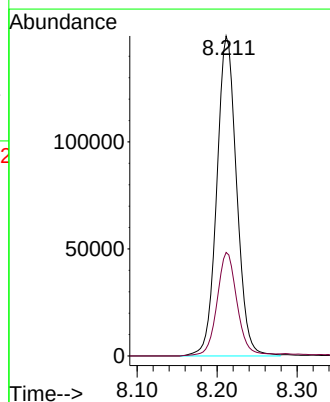
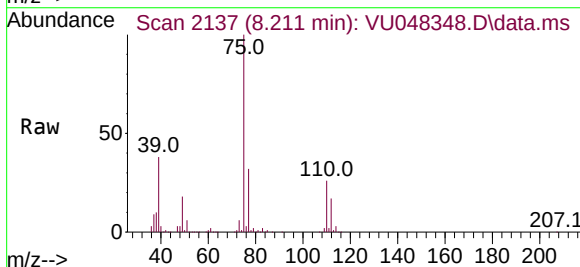
Acq: 29 Apr 2022 09:44

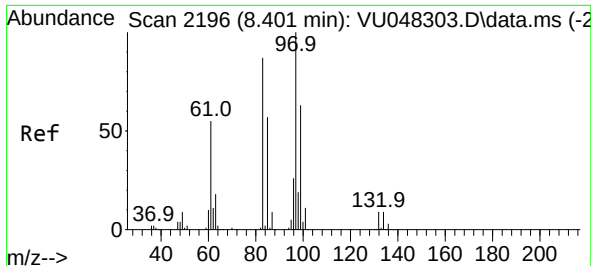
Tgt Ion: 75 Resp: 257075

Ion Ratio Lower Upper

75 100

77 32.4 22.1 41.1

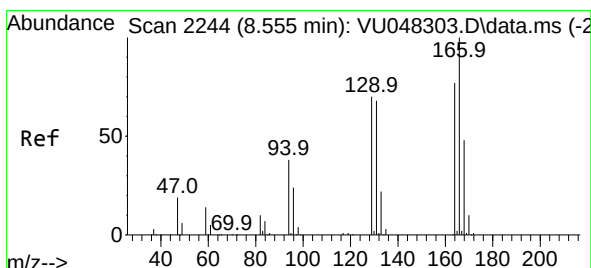
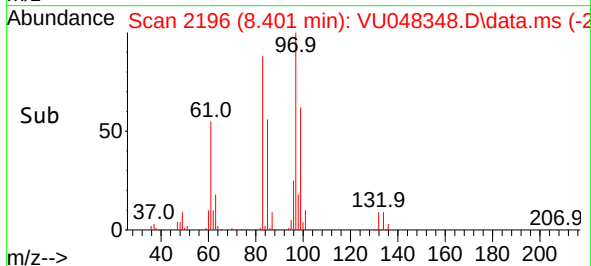
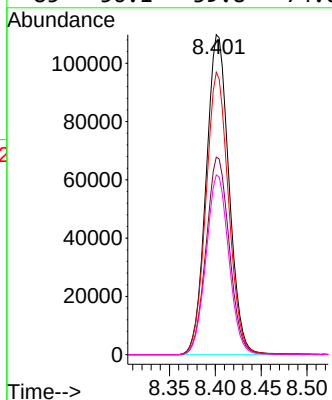
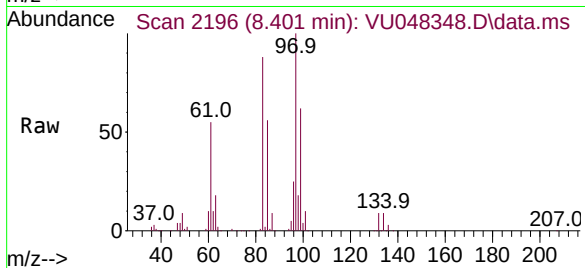




#45
1,1,2-Trichloroethane
Concen: 48.395 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

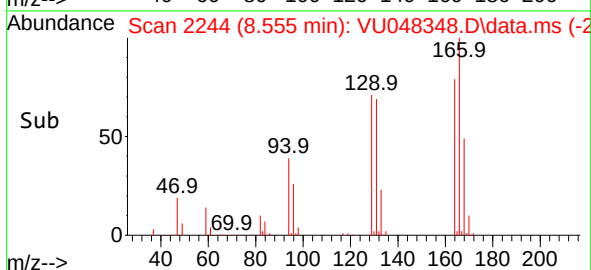
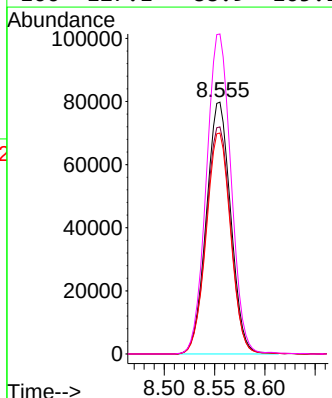
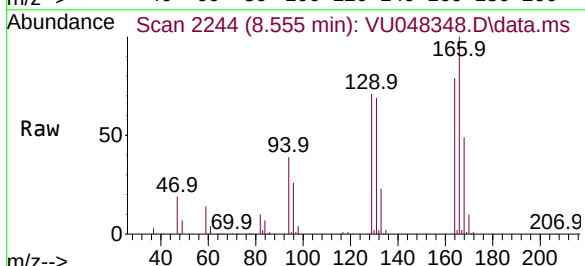
Instrument :
MSVOA_U
ClientSampleId :
VSTD050107

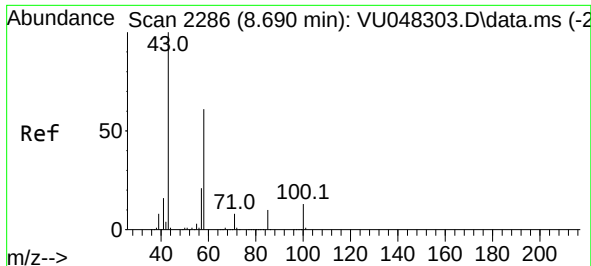
Tgt Ion:	97	Resp:	190488
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.7	81.1
83	88.3	62.6	116.2
85	56.1	39.8	74.0



#46
Tetrachloroethene
Concen: 48.524 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

Tgt Ion:	164	Resp:	134596
Ion	Ratio	Lower	Upper
164	100		
129	90.2	63.3	117.7
131	87.8	61.2	113.6
166	127.1	88.9	165.1

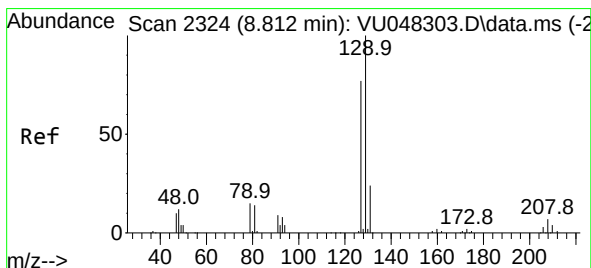
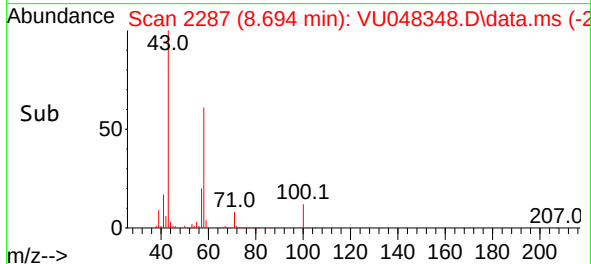
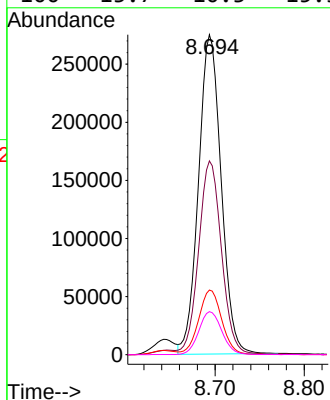
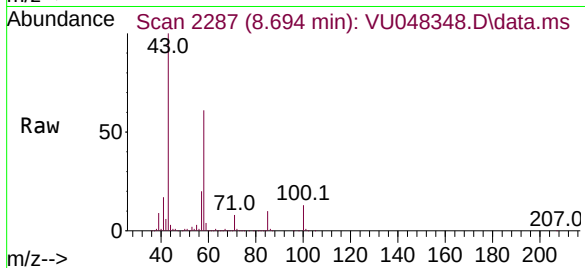




#48
2-Hexanone
Concen: 102.761 ug/L
RT: 8.694 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

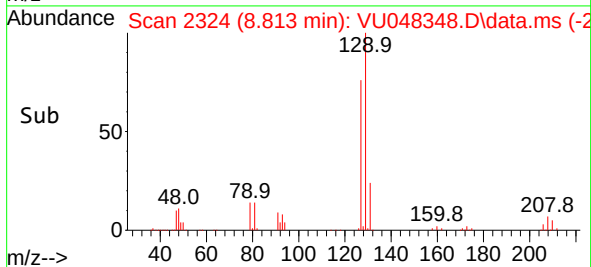
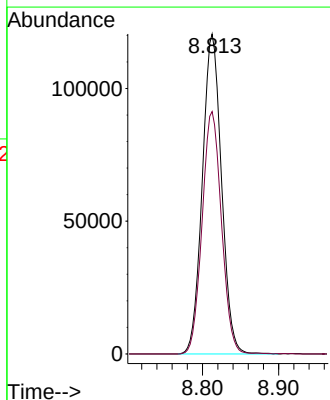
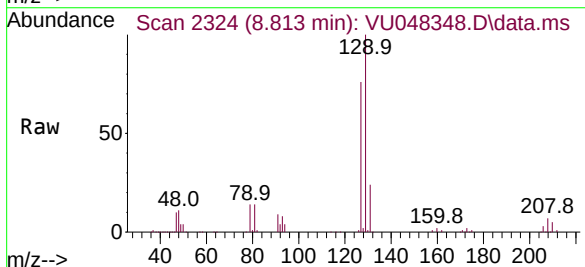
Instrument :
MSVOA_U
ClientSampleId :
VSTD050107

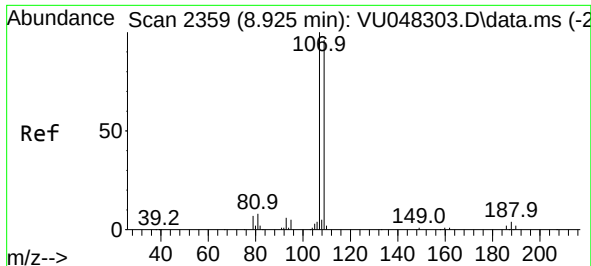
Tgt Ion:	43	Resp:	485560
Ion	Ratio	Lower	Upper
43	100		
58	61.0	48.1	72.1
57	20.5	16.2	24.4
100	13.7	10.3	15.5



#49
Dibromochloromethane
Concen: 48.735 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

Tgt Ion:	129	Resp:	210790
Ion	Ratio	Lower	Upper
129	100		
127	75.7	53.8	99.8

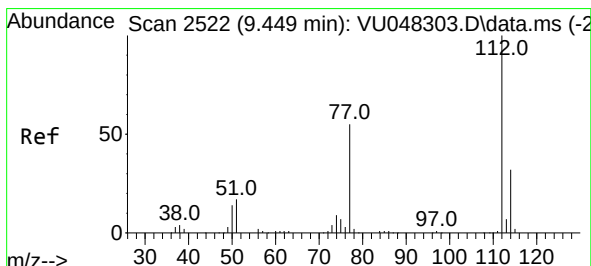
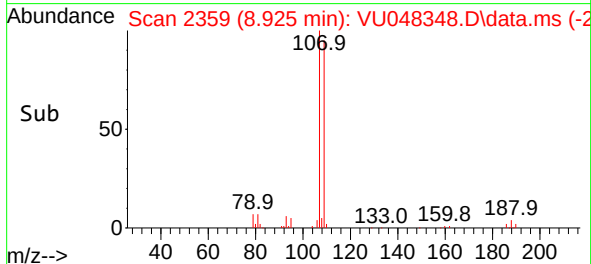
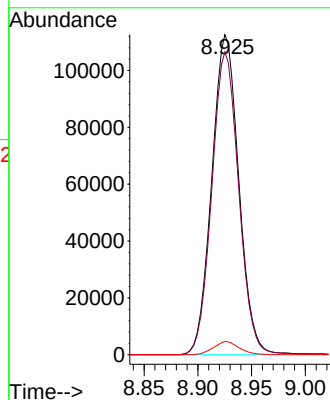
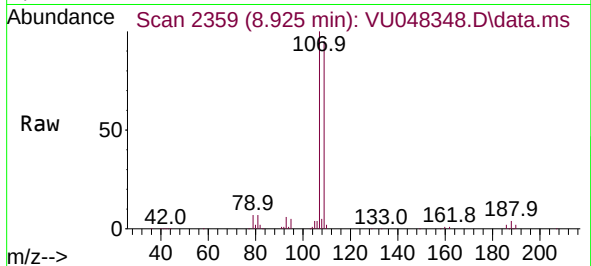




#50
1,2-Dibromoethane
Concen: 49.159 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

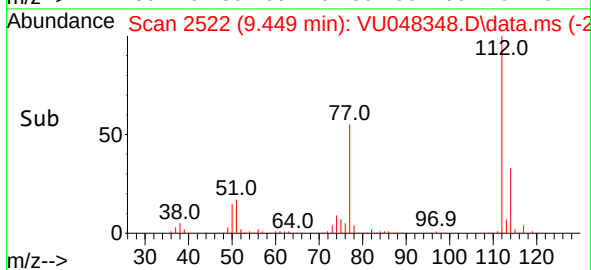
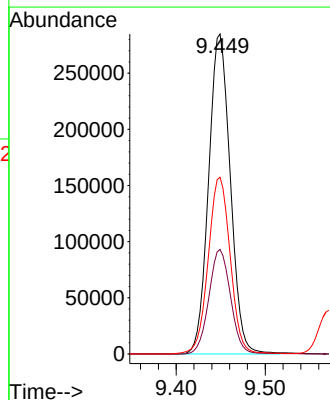
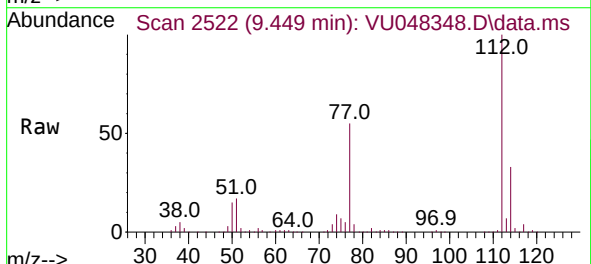
Instrument :
MSVOA_U
ClientSampleId :
VSTD050107

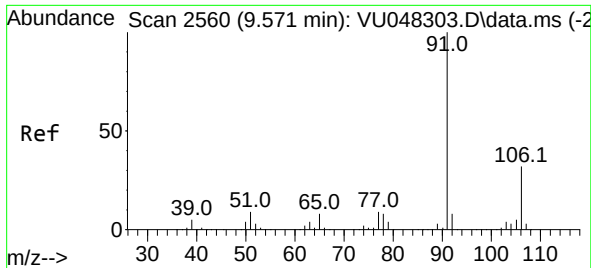
Tgt Ion:107 Resp: 196220
Ion Ratio Lower Upper
107 100
109 94.6 65.0 120.8
188 4.1 3.1 4.7



#51
Chlorobenzene
Concen: 48.237 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

Tgt Ion:112 Resp: 481347
Ion Ratio Lower Upper
112 100
114 32.6 22.7 42.1
77 55.2 44.3 66.5

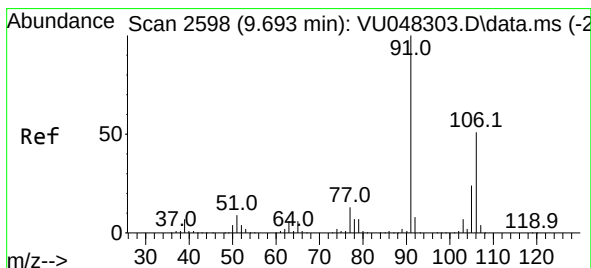
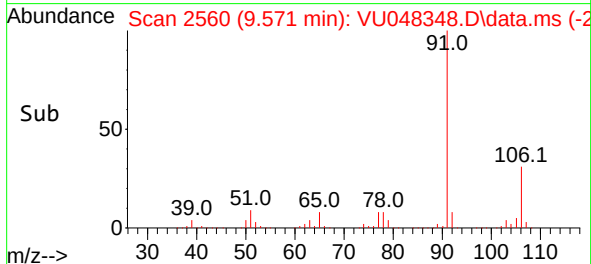
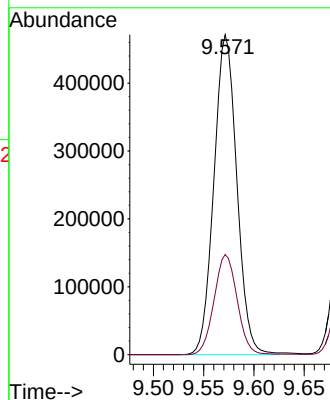
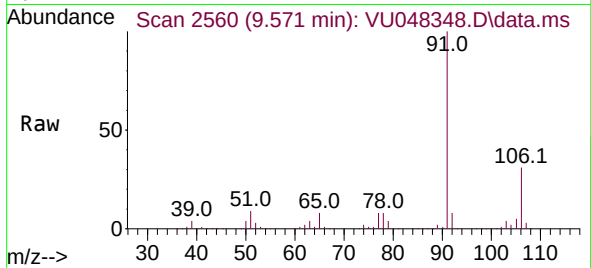




#52
Ethylbenzene
Concen: 52.068 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

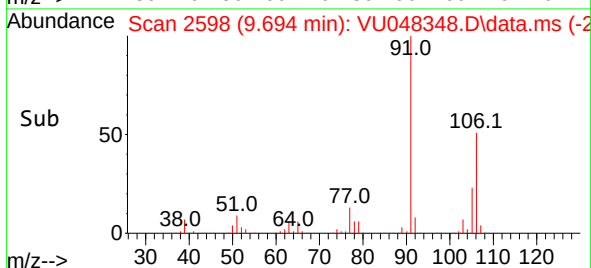
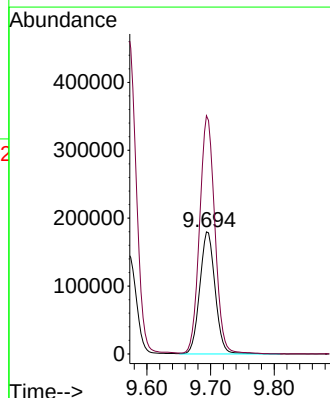
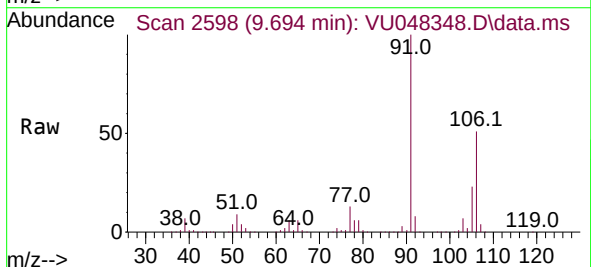
Instrument :
MSVOA_U
ClientSampleId :
VSTD050107

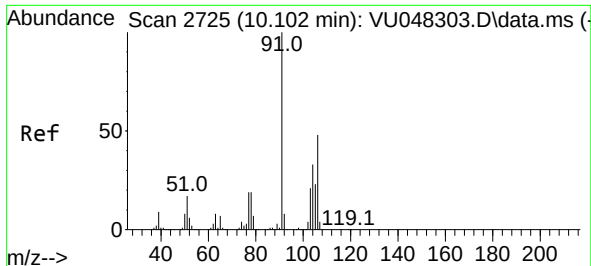
Tgt Ion: 91 Resp: 746508
Ion Ratio Lower Upper
91 100
106 31.3 22.5 41.9



#53
m,p-Xylene
Concen: 53.207 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

Tgt Ion: 106 Resp: 301031
Ion Ratio Lower Upper
106 100
91 195.0 137.4 255.2

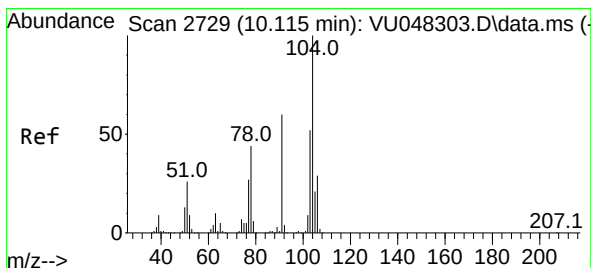
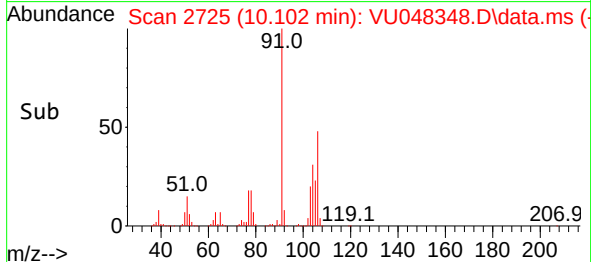
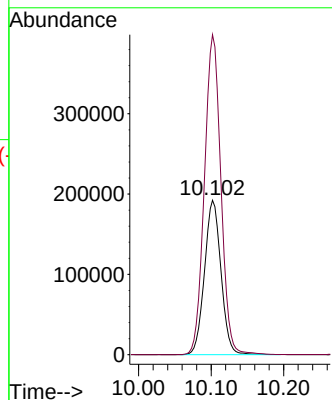
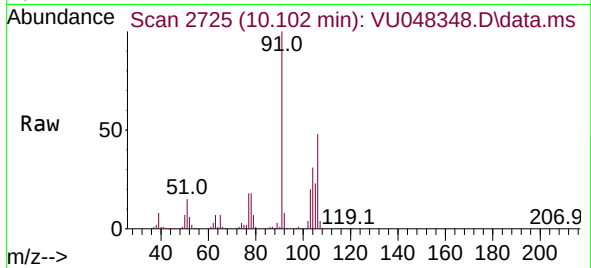




#54
o-Xylene
Concen: 53.310 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

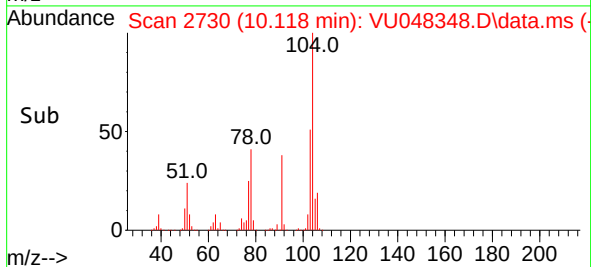
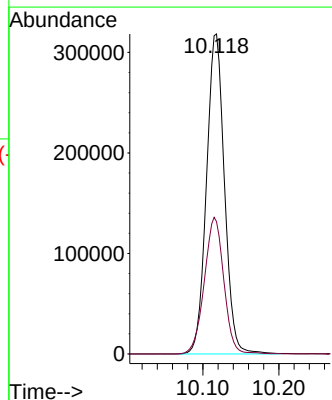
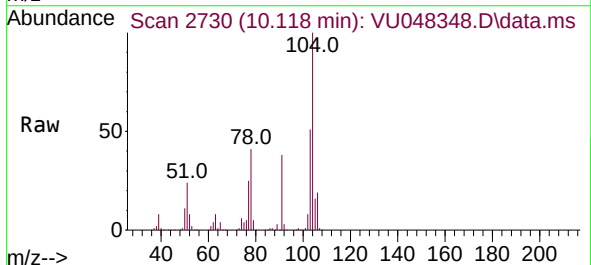
Instrument :
MSVOA_U
ClientSampleId :
VSTD050107

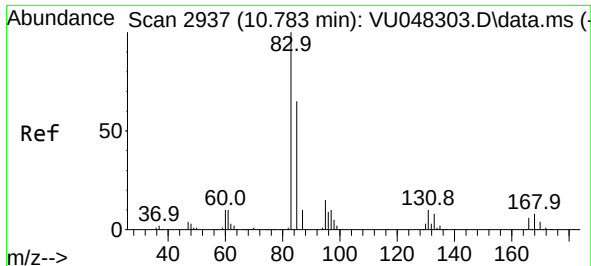
Tgt Ion:106 Resp: 303849
Ion Ratio Lower Upper
106 100
91 207.3 145.3 269.8



#55
Styrene
Concen: 53.832 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

Tgt Ion:104 Resp: 522694
Ion Ratio Lower Upper
104 100
78 41.4 30.3 56.3

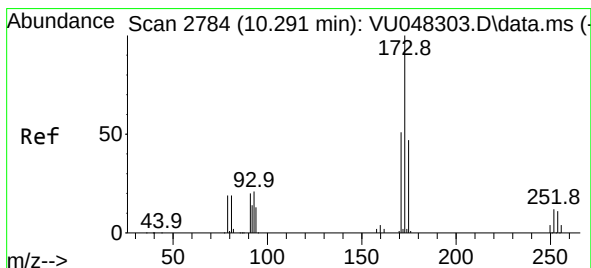
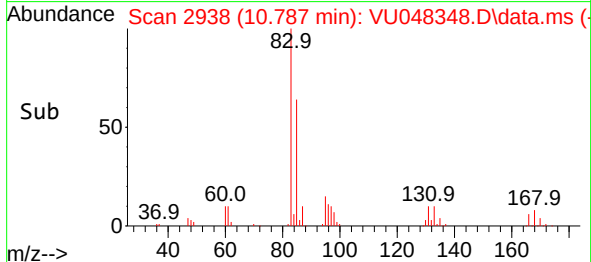
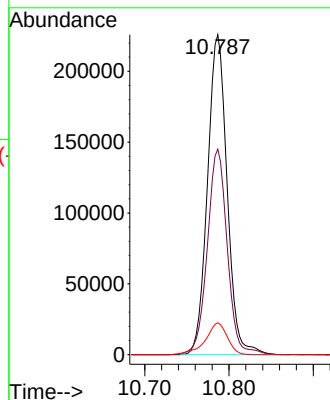
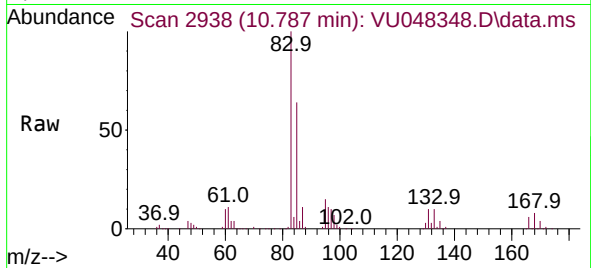




#57
1,1,2,2-Tetrachloroethane
Concen: 47.088 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

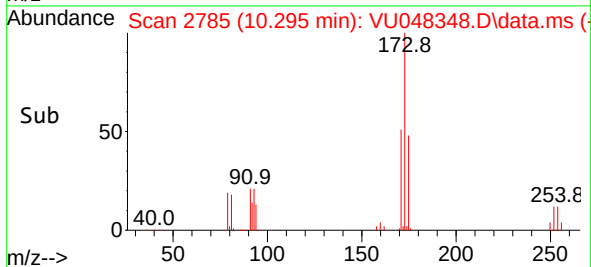
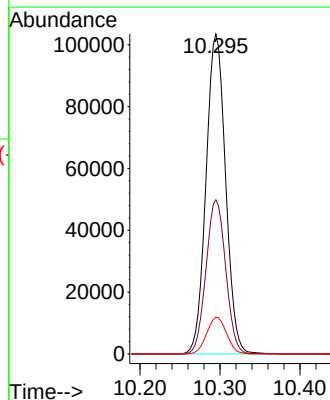
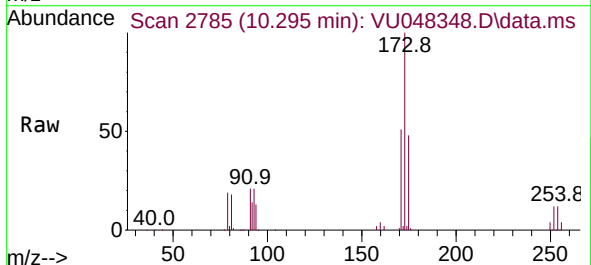
Instrument :
MSVOA_U
ClientSampleId :
VSTD050107

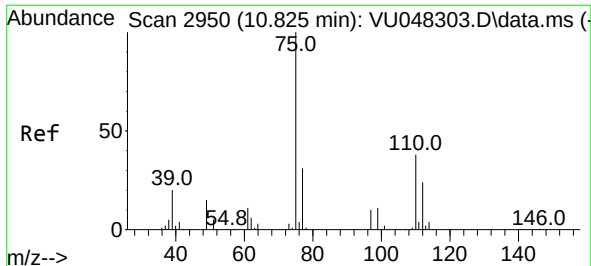
Tgt Ion: 83 Resp: 365798
Ion Ratio Lower Upper
83 100
85 64.2 45.1 83.7
131 10.0 7.8 11.6



#59
Bromoform
Concen: 48.719 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.003 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

Tgt Ion:173 Resp: 176243
Ion Ratio Lower Upper
173 100
175 48.5 38.9 58.3
254 11.6 9.5 14.3

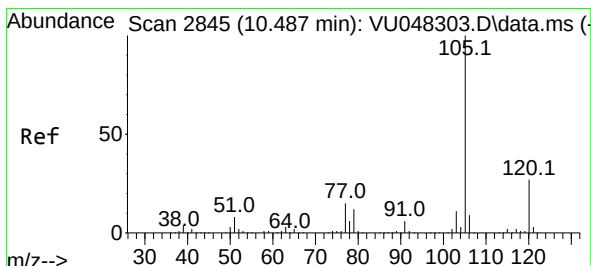
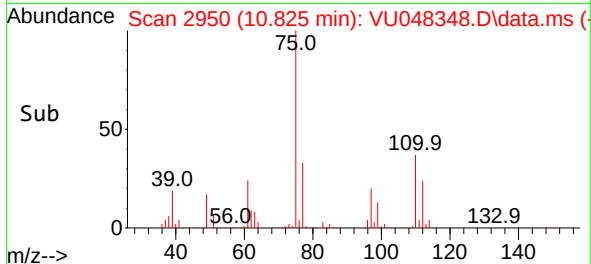
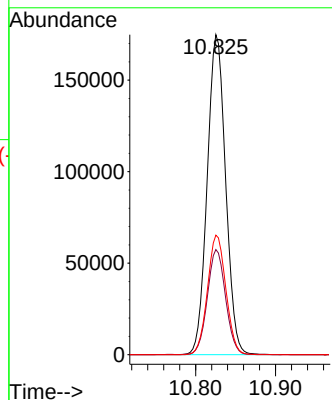
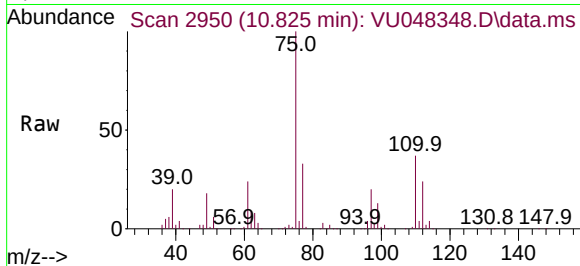




#60
1,2,3-Trichloropropane
Concen: 48.162 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

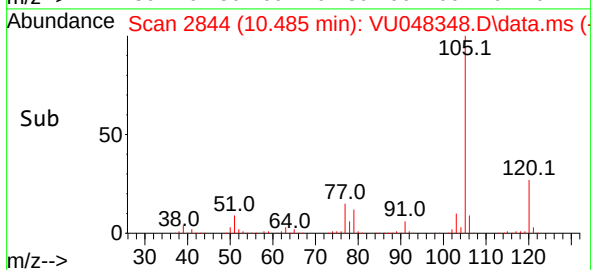
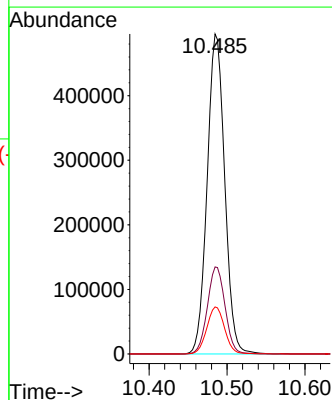
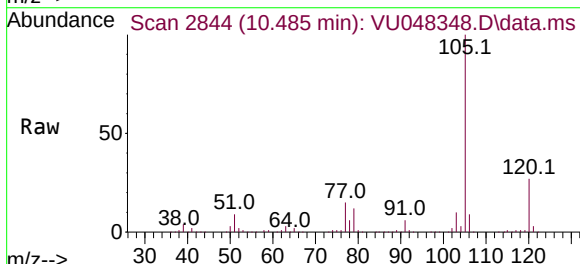
Instrument :
MSVOA_U
ClientSampleId :
VSTD050107

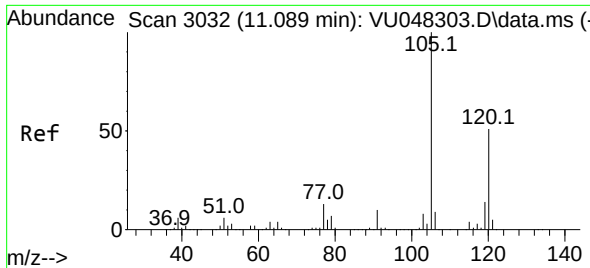
Tgt Ion: 75 Resp: 280065
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8
110 37.3 29.9 44.9



#61
Isopropylbenzene
Concen: 55.648 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

Tgt Ion: 105 Resp: 775580
Ion Ratio Lower Upper
105 100
120 27.4 21.7 32.5
77 14.9 11.7 17.5

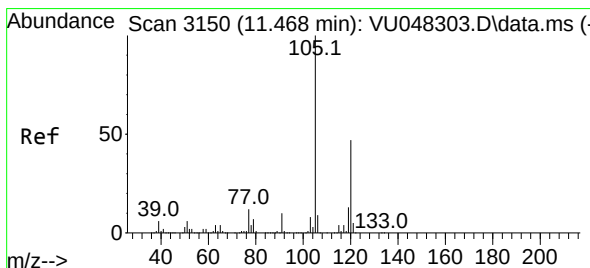
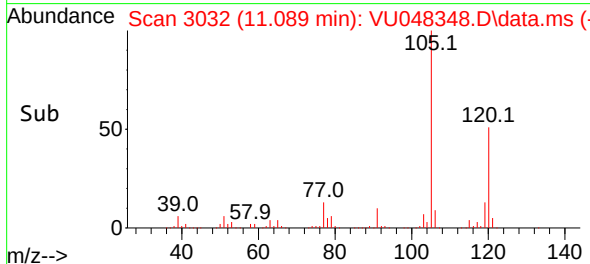
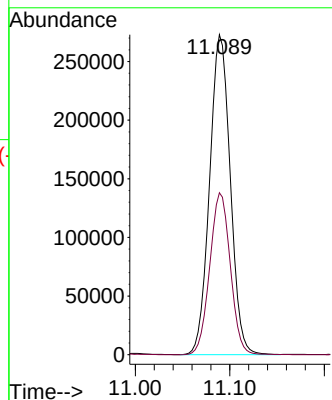
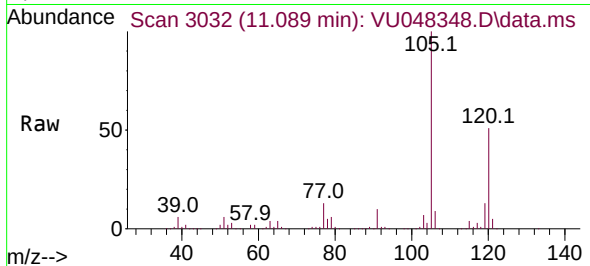




#62
 1,3,5-Trimethylbenzene
 Concen: 56.451 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU048348.D
 Acq: 29 Apr 2022 09:44

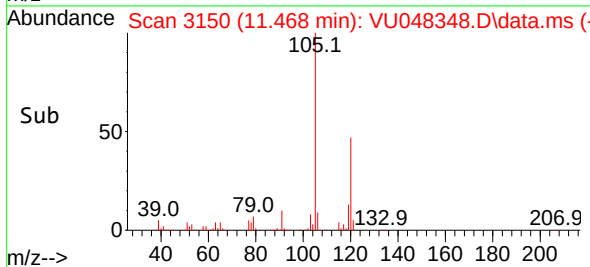
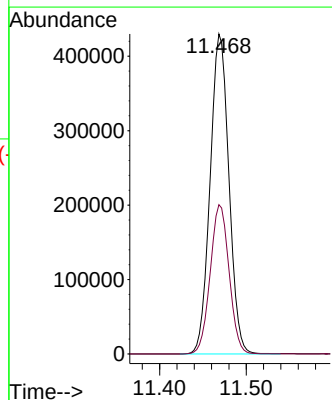
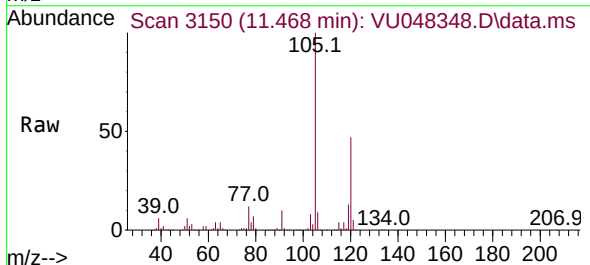
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050107

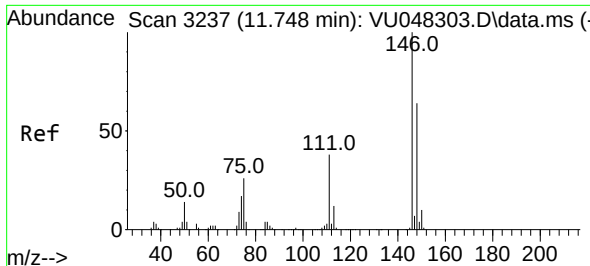
Tgt Ion:105 Resp: 414680
 Ion Ratio Lower Upper
 105 100
 120 50.3 40.7 61.1



#63
 1,2,4-Trimethylbenzene
 Concen: 57.333 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU048348.D
 Acq: 29 Apr 2022 09:44

Tgt Ion:105 Resp: 647509
 Ion Ratio Lower Upper
 105 100
 120 46.8 38.0 57.0

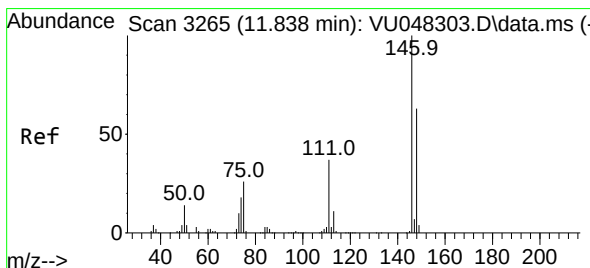
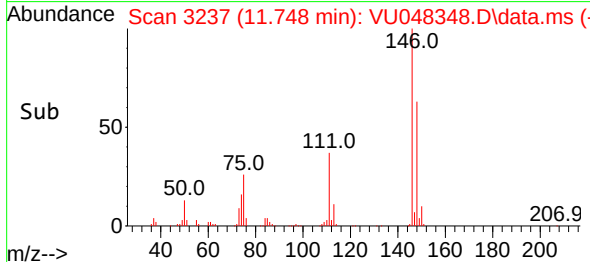
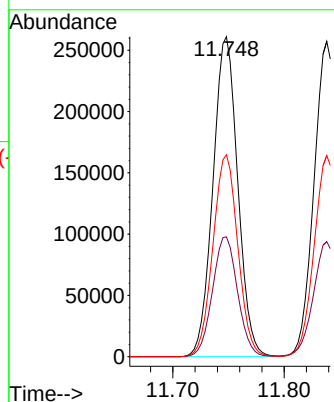
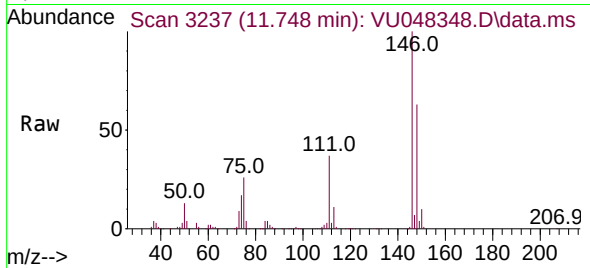




#64
1,3-Dichlorobenzene
Concen: 51.668 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

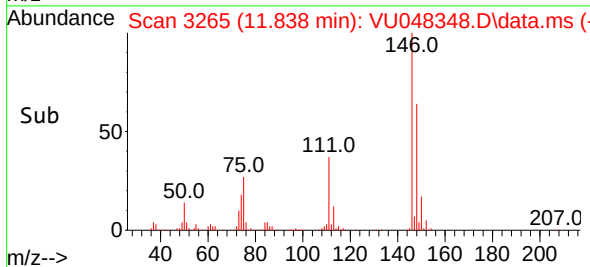
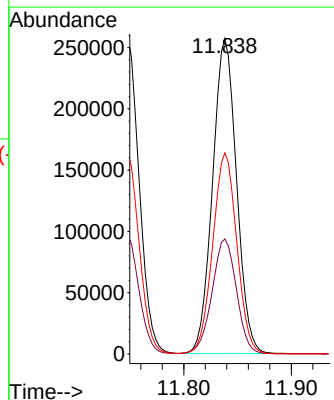
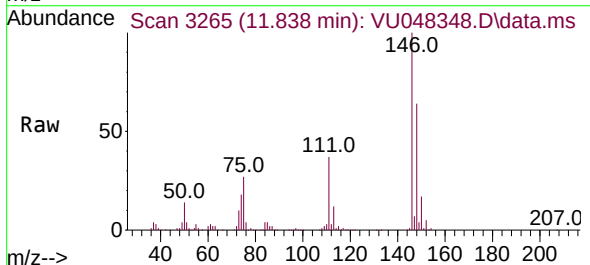
Instrument :
MSVOA_U
ClientSampleId :
VSTD050107

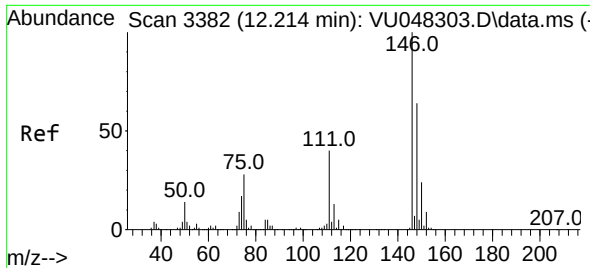
Tgt Ion:146 Resp: 403727
Ion Ratio Lower Upper
146 100
111 37.4 26.7 49.7
148 63.1 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 49.827 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

Tgt Ion:146 Resp: 397471
Ion Ratio Lower Upper
146 100
111 36.5 25.9 48.1
148 63.8 45.1 83.7

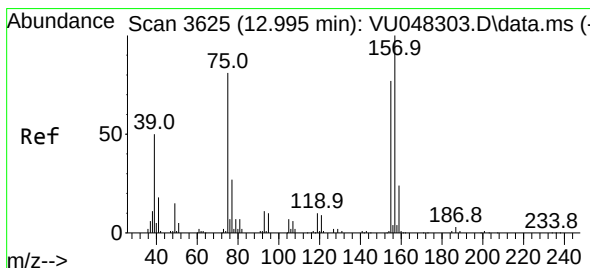
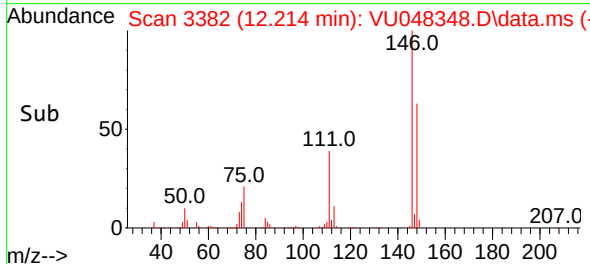
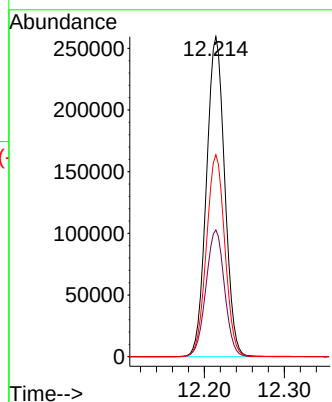
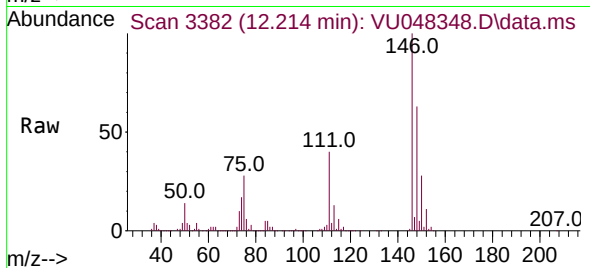




#67
1,2-Dichlorobenzene
Concen: 50.048 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

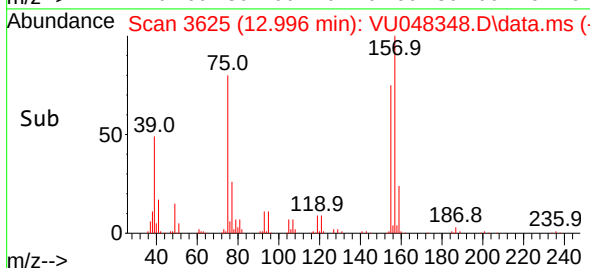
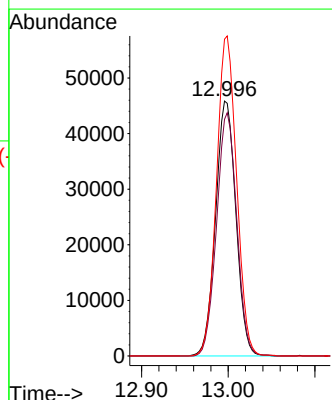
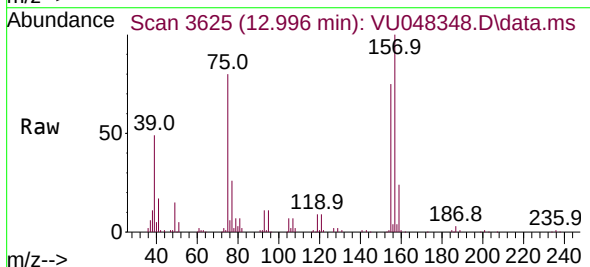
Instrument :
MSVOA_U
ClientSampleId :
VSTD050107

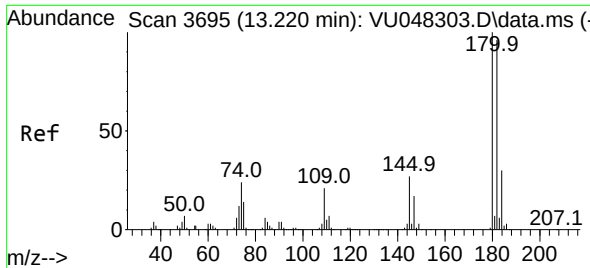
Tgt Ion:146 Resp: 411964
Ion Ratio Lower Upper
146 100
111 39.6 31.7 47.5
148 63.1 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 48.219 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU048348.D
Acq: 29 Apr 2022 09:44

Tgt Ion: 75 Resp: 74853
Ion Ratio Lower Upper
75 100
155 92.8 71.8 107.6
157 124.3 93.4 140.2



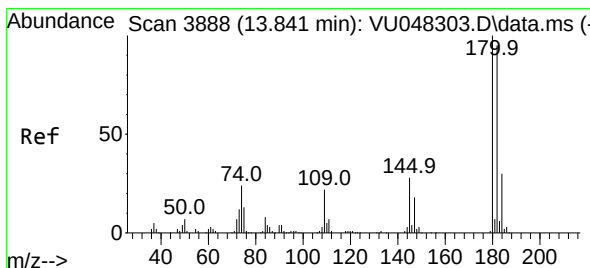
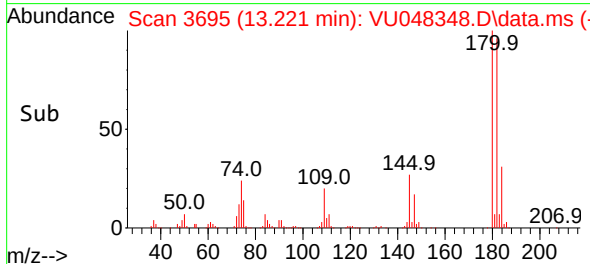
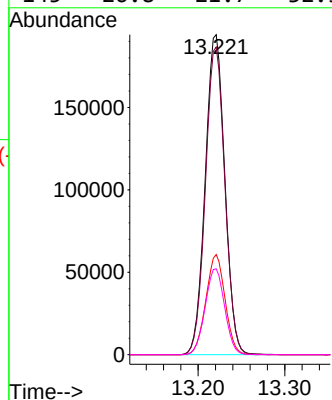
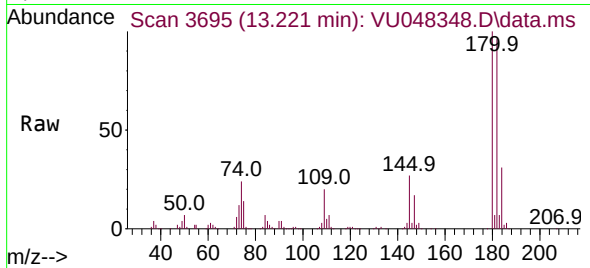


#69
 1,3,5-Trichlorobenzene
 Concen: 52.489 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU048348.D
 Acq: 29 Apr 2022 09:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050107

Tgt Ion:180 Resp: 304765

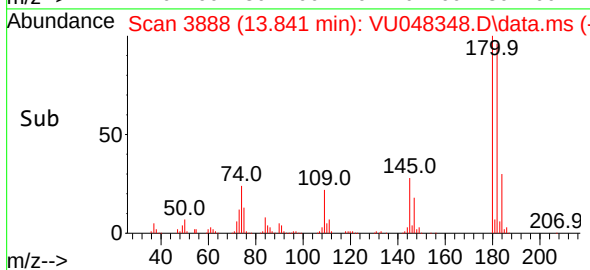
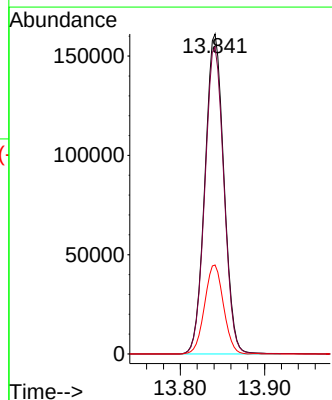
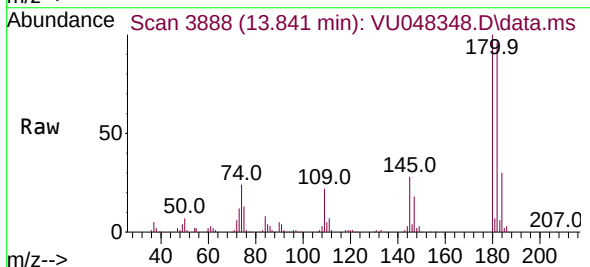
Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.0	115.4
184	30.7	24.6	37.0
145	26.8	21.7	32.5

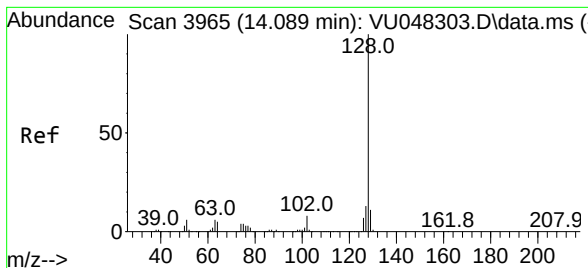


#70
 1,2,4-trichlorobenzene
 Concen: 55.275 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048348.D
 Acq: 29 Apr 2022 09:44

Tgt Ion:180 Resp: 253548

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.3	114.5
145	27.6	22.6	33.8





#71

Naphthalene

Concen: 61.511 ug/L

RT: 14.086 min Scan# 3965

Delta R.T. 0.000 min

Lab File: VU048348.D

Acq: 29 Apr 2022 09:44

Instrument :

MSVOA_U

ClientSampleId :

VSTD050107

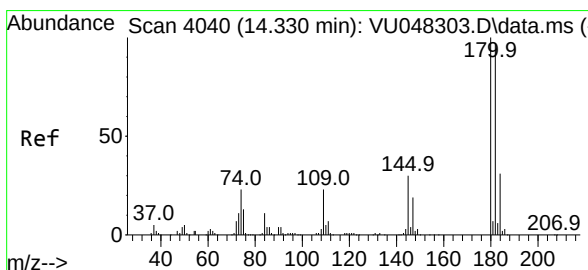
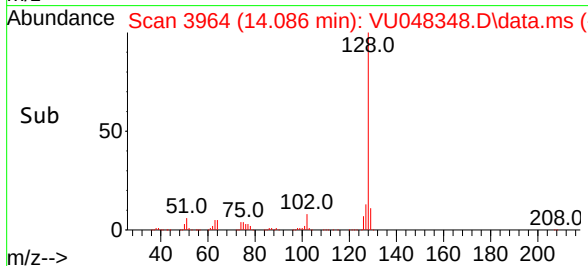
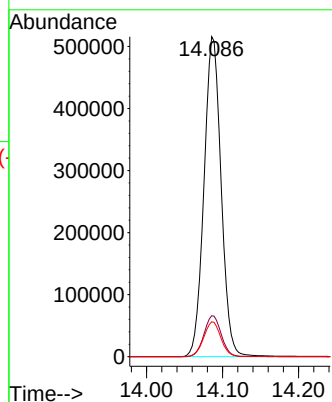
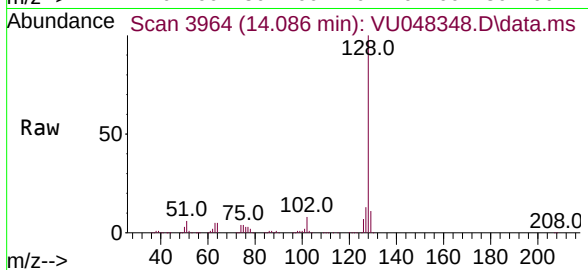
Tgt Ion:128 Resp: 807466

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 56.924 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU048348.D

Acq: 29 Apr 2022 09:44

Tgt Ion:180 Resp: 267599

Ion Ratio Lower Upper

180 100

182 95.2 75.8 113.6

145 29.6 23.5 35.3

