

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U030722\
 Data File : U047357.D
 Acq On : 07 Mar 2022 10:37
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005086

Quant Time: Mar 07 13:09:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 23:20:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	185807	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	178625	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	101578	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	60306	4.573	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.919	69	56216	5.110	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.200%
11) 1,1-Dichloroethene-d2	2.575	65	25947	4.659	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	4.639	46	184524	42.621	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.240%
24) Chloroform-d	5.070	84	129448	5.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
26) 1,2-Dichloroethane-d4	5.706	65	69093	5.053	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.732	84	254596	5.061	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.693	67	81711	5.215	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%
41) Toluene-d8	7.902	98	235290	4.953	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	8.182	79	35764	5.194	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.800%
46) 2-Hexanone-d5	8.635	63	192682	49.170	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.340%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	78724	4.932	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	102969	5.173	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	63138	5.390	ug/L	100
3) Chloromethane	1.526	50	62291	4.809	ug/L	98
5) Vinyl chloride	1.607	62	60960	4.947	ug/L	98
6) Bromomethane	1.864	94	34188	5.124	ug/L	98
8) Chloroethane	1.938	64	35873	5.034	ug/L	99
9) Trichlorofluoromethane	2.144	101	81005	5.289	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	49971	5.590	ug/L	93
12) 1,1-Dichloroethene	2.587	96	47044	5.166	ug/L	80
13) Acetone	2.652	43	60358	34.537	ug/L	99
14) Carbon disulfide	2.800	76	149277	5.085	ug/L	99
15) Methyl Acetate	2.964	43	17820	4.450	ug/L	93
16) Methylene chloride	3.050	84	50629	4.775	ug/L	92
17) Methyl tert-butyl Ether	3.369	73	115800	4.748	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	49145	4.969	ug/L	90
19) 1,1-Dichloroethane	3.877	63	84583	5.137	ug/L	98
21) 2-Butanone	4.719	43	112962	34.003	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	53704	4.988	ug/L	97
23) Bromochloromethane	4.980	128	26124	4.858	ug/L	85
25) Chloroform	5.092	83	90234	5.008	ug/L	98

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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005086

Quant Time: Mar 07 13:09:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

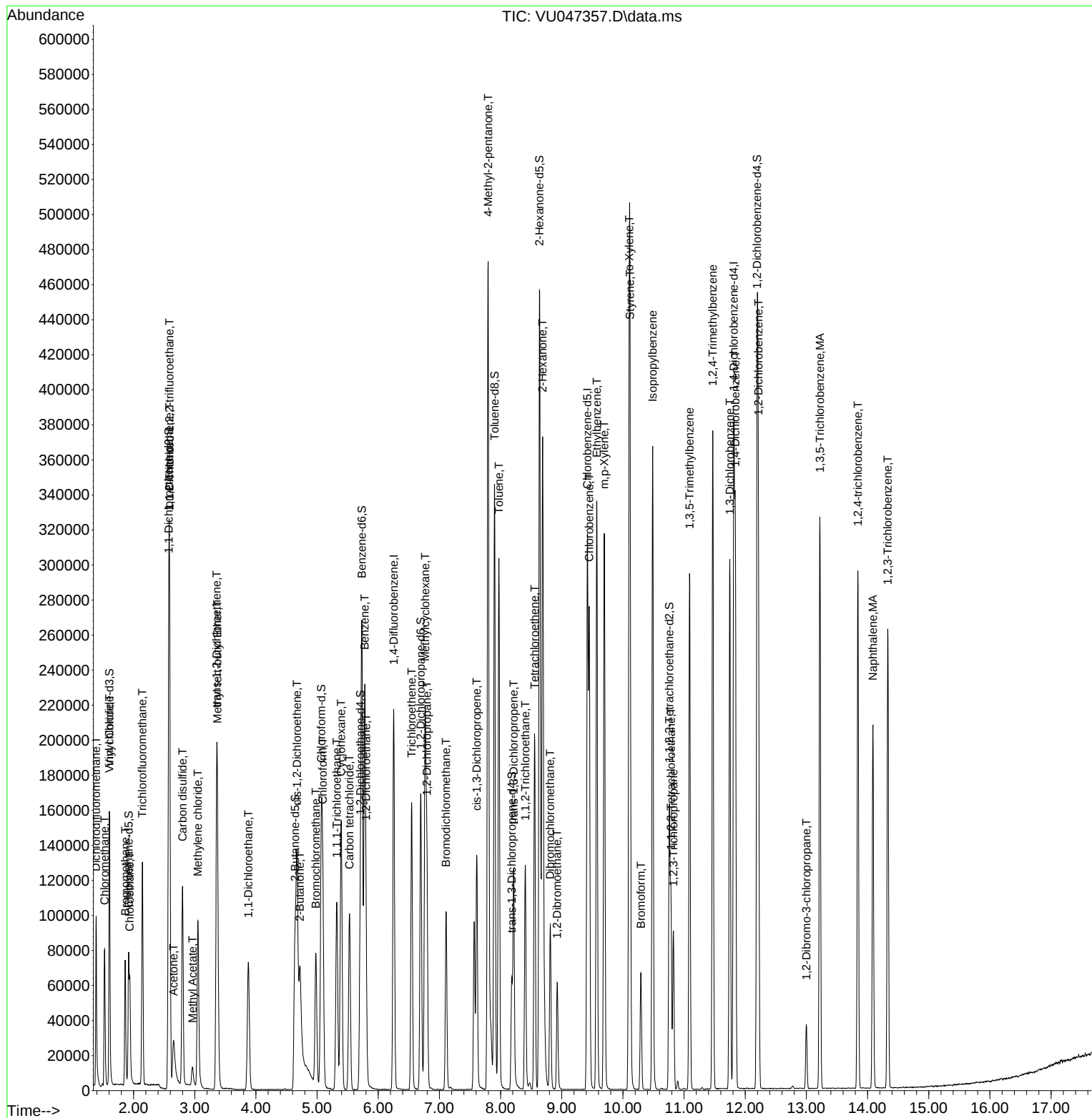
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	57829	4.765	ug/L	99
29) 1,1,1-Trichloroethane	5.320	97	78048	5.203	ug/L	98
30) Cyclohexane	5.394	56	77553	5.284	ug/L	96
31) Carbon tetrachloride	5.529	117	68712	5.305	ug/L	98
33) Benzene	5.777	78	203210	5.041	ug/L	100
34) Trichloroethene	6.546	95	54374	5.132	ug/L	92
35) Methylcyclohexane	6.767	83	89521	5.510	ug/L	94
37) 1,2-Dichloropropane	6.796	63	49900	4.991	ug/L	99
38) Bromodichloromethane	7.108	83	66153	5.042	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	79354	4.999	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	333108	44.173	ug/L	98
42) Toluene	7.973	91	225195	5.154	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	70562	5.016	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	41544	4.806	ug/L	98
47) Tetrachloroethene	8.555	164	46611	5.164	ug/L	93
48) 2-Hexanone	8.687	43	247756	44.049	ug/L	98
49) Dibromochloromethane	8.812	129	50153	4.930	ug/L	96
50) 1,2-Dibromoethane	8.925	107	41566	4.707	ug/L #	97
51) Chlorobenzene	9.449	112	148285	5.040	ug/L	96
52) Ethylbenzene	9.574	91	242134	5.180	ug/L	98
53) m,p-Xylene	9.697	106	95360	5.134	ug/L	99
54) o-Xylene	10.102	106	92045	5.139	ug/L	97
55) Styrene	10.118	104	156921	5.167	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.787	83	52919	4.422	ug/L	95
59) Bromoform	10.295	173	31861	4.862	ug/L #	98
60) Isopropylbenzene	10.487	105	245163	5.380	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	38276	4.538	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	160971	5.293	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	209679	5.293	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	125882	5.163	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	129015	5.165	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	121007	5.019	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.999	75	8676	4.503	ug/L #	70
69) 1,3,5-Trichlorobenzene	13.220	180	107900	5.308	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	96254	5.210	ug/L	98
71) Naphthalene	14.089	128	169272	4.596	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	87139	5.067	ug/L	97

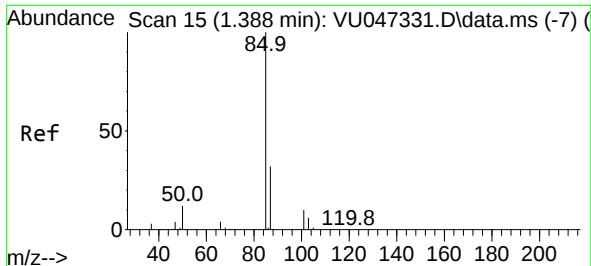
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 Data File : VU047357.D
 Acq On : 07 Mar 2022 10:37
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 Sample : VSTDCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Time: Mar 07 13:09:45 2022
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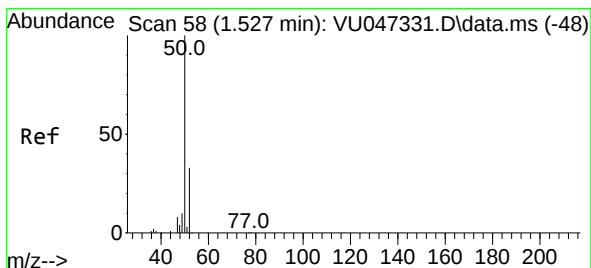
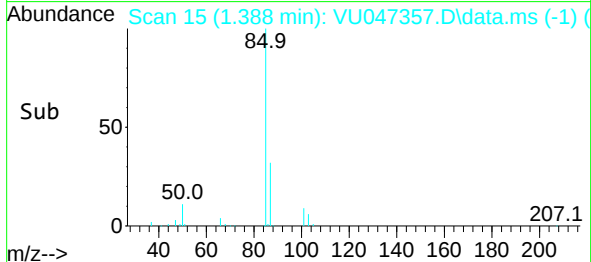
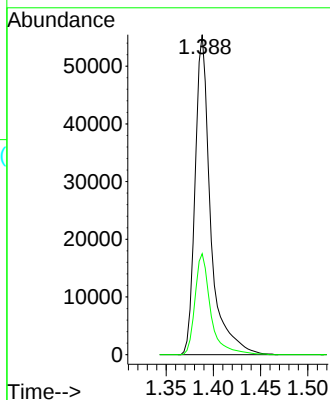
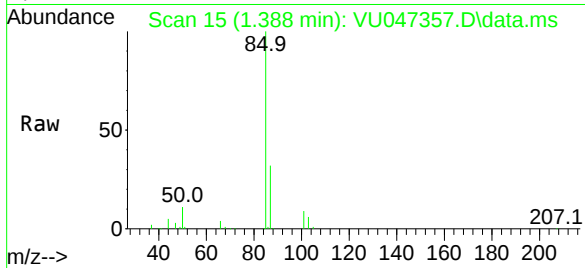




#2
Dichlorodifluoromethane
Concen: 5.390 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047357.D
Acq: 07 Mar 2022 10:37

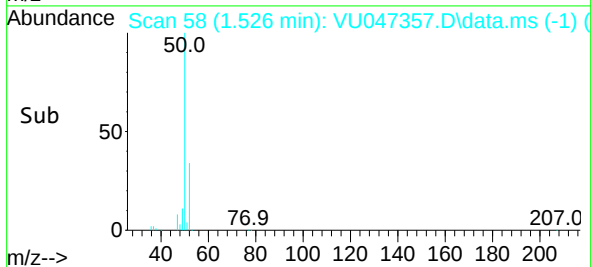
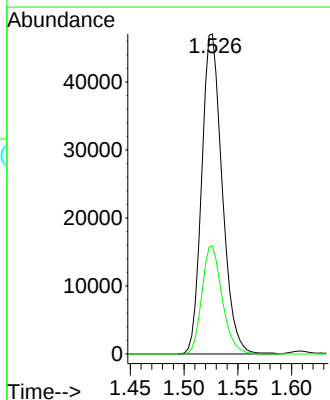
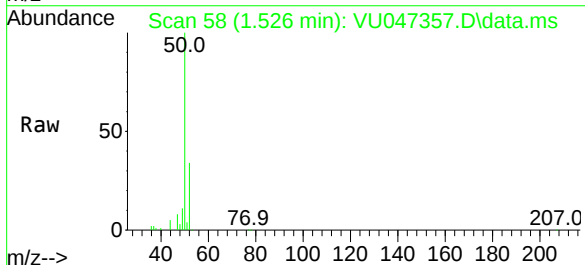
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MSVOA_U
ClientSampleId :
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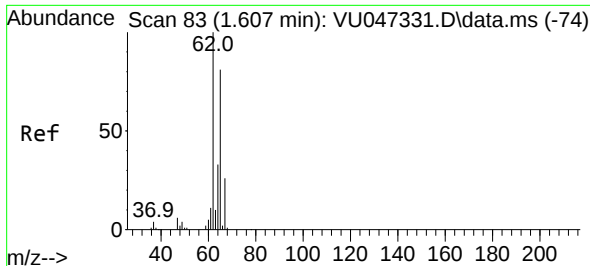
Tgt Ion: 85 Resp: 63138
Ion Ratio Lower Upper
85 100
87 32.1 25.8 38.6



#3
Chloromethane
Concen: 4.809 ug/L
RT: 1.526 min Scan# 58
Delta R.T. -0.000 min
Lab File: VU047357.D
Acq: 07 Mar 2022 10:37

Tgt Ion: 50 Resp: 62291
Ion Ratio Lower Upper
50 100
52 33.8 23.0 42.8

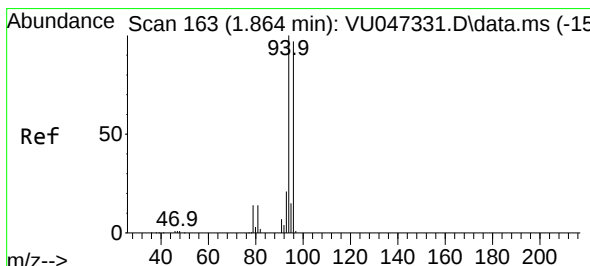
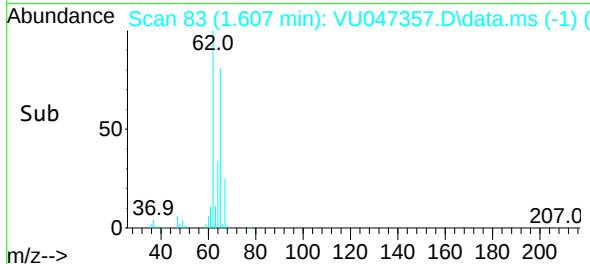
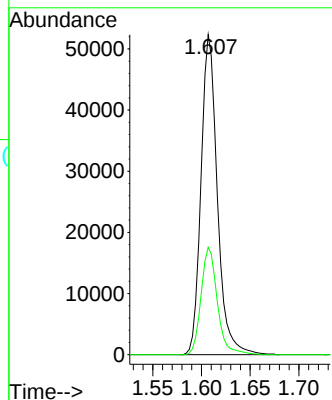
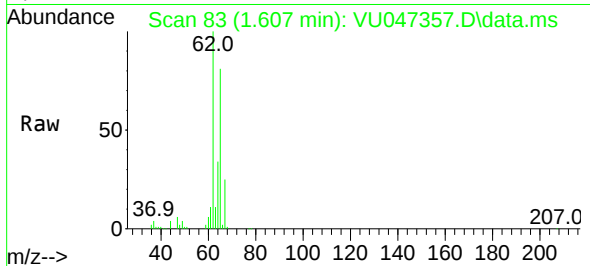




#5
 Vinyl chloride
 Concen: 4.947 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047357.D
 Acq: 07 Mar 2022 10:37

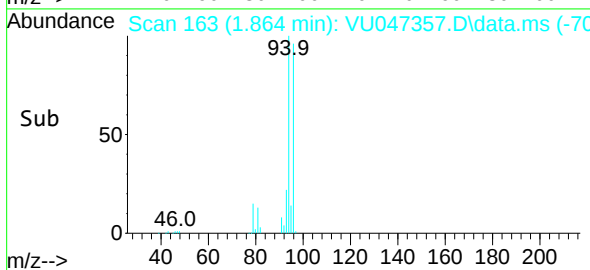
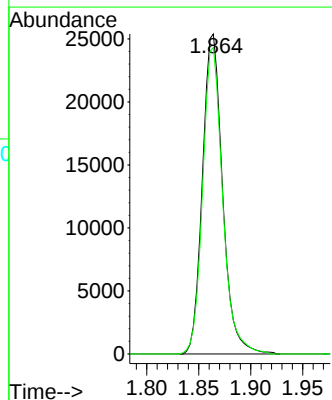
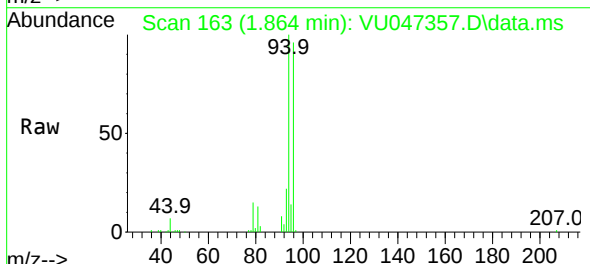
Instrument :
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 ClientSampleId :
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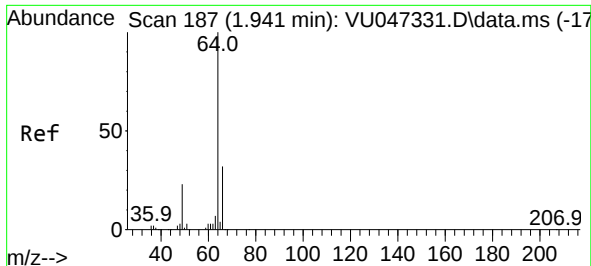
Tgt Ion: 62 Resp: 60960
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.9 42.5



#6
 Bromomethane
 Concen: 5.124 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU047357.D
 Acq: 07 Mar 2022 10:37

Tgt Ion: 94 Resp: 34188
 Ion Ratio Lower Upper
 94 100
 96 95.8 65.5 121.6

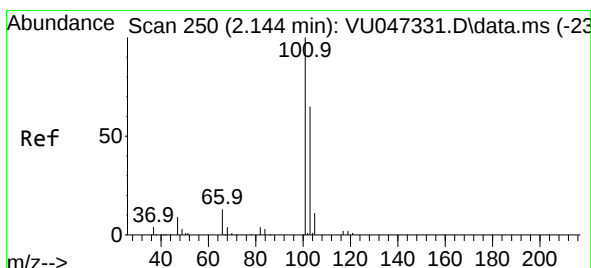
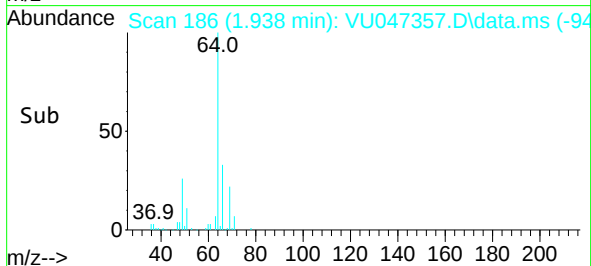
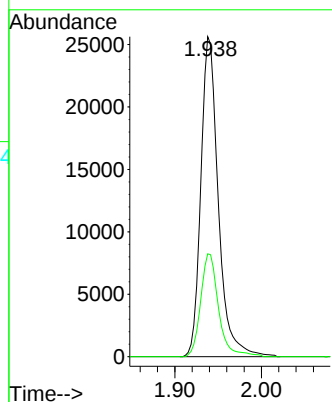
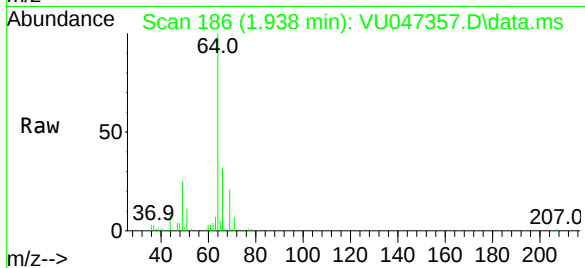




#8
Chloroethane
Concen: 5.034 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047357.D
Acq: 07 Mar 2022 10:37

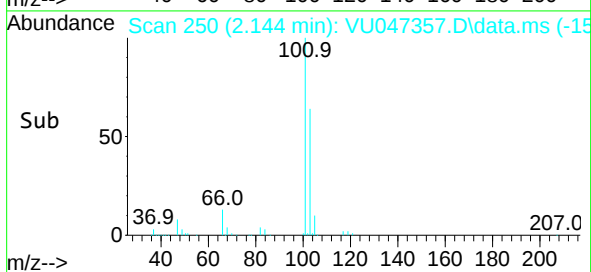
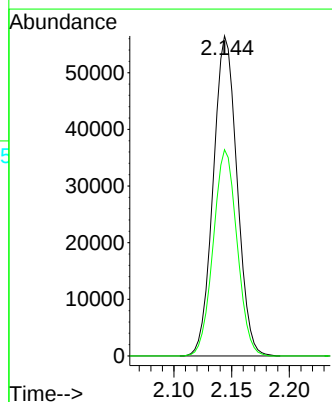
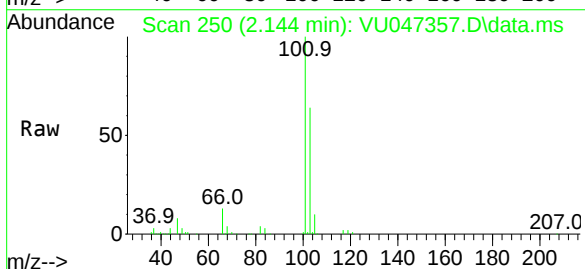
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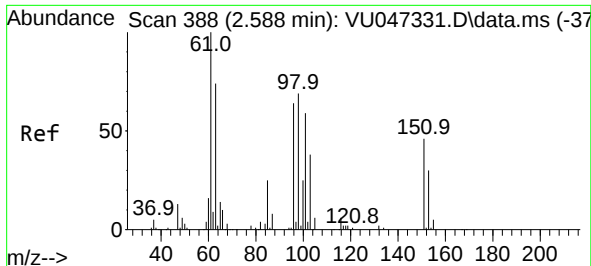
Tgt Ion: 64 Resp: 35873
Ion Ratio Lower Upper
64 100
66 32.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.289 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU047357.D
Acq: 07 Mar 2022 10:37

Tgt Ion:101 Resp: 81005
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3

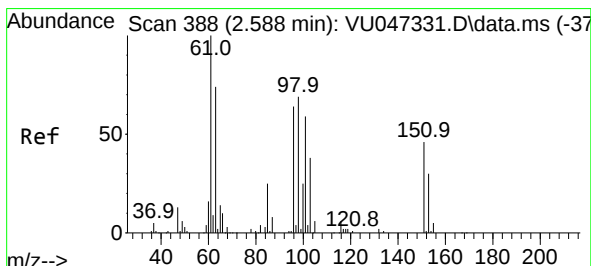
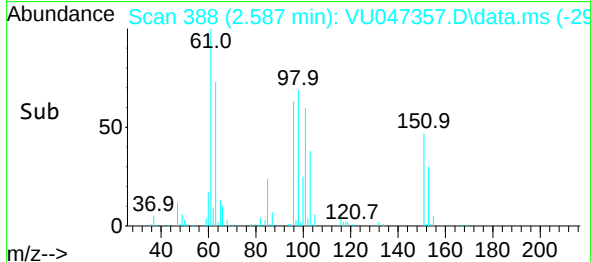
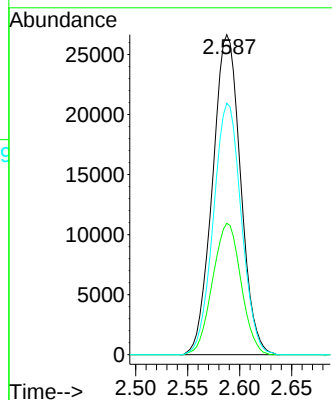
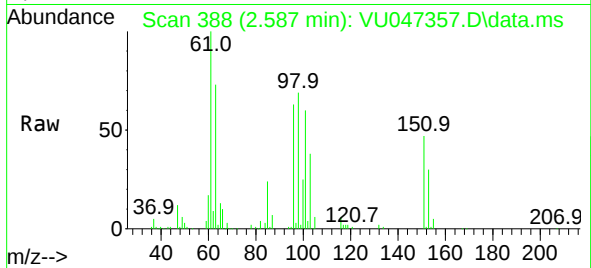




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.590 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047357.D
 Acq: 07 Mar 2022 10:37

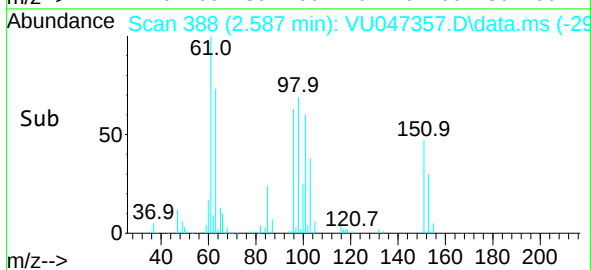
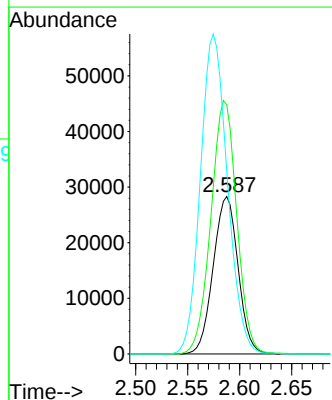
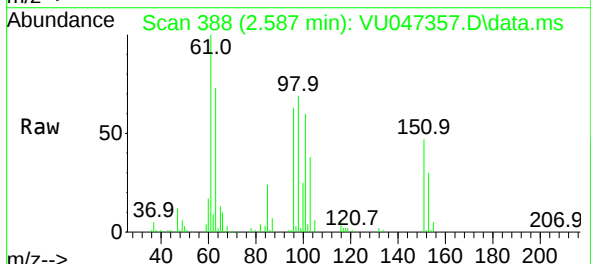
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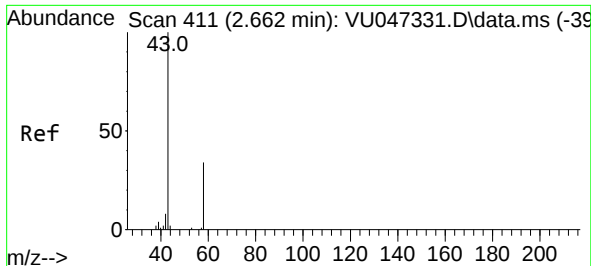
Tgt Ion:101 Resp: 49971
 Ion Ratio Lower Upper
 101 100
 85 41.7 34.6 51.8
 151 78.4 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 5.166 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047357.D
 Acq: 07 Mar 2022 10:37

Tgt Ion: 96 Resp: 47044
 Ion Ratio Lower Upper
 96 100
 61 158.1 124.7 231.5
 63 115.9 105.2 195.4





#13

Acetone

Concen: 34.537 ug/L

RT: 2.652 min Scan# 408

Delta R.T. -0.010 min

Lab File: VU047357.D

Acq: 07 Mar 2022 10:37

Instrument :

MSVOA_U

ClientSampleId :

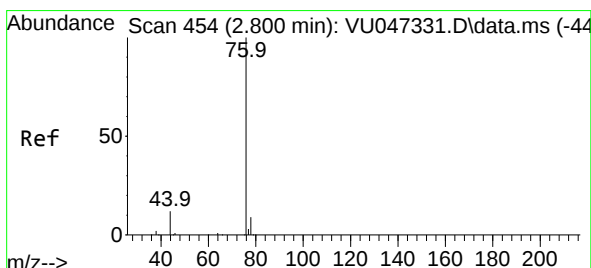
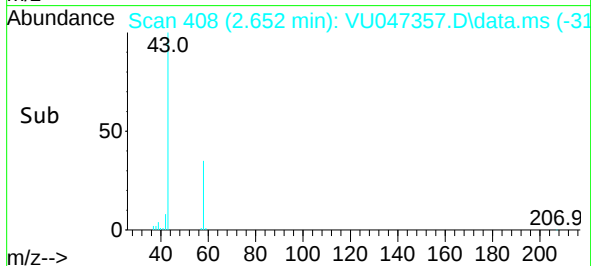
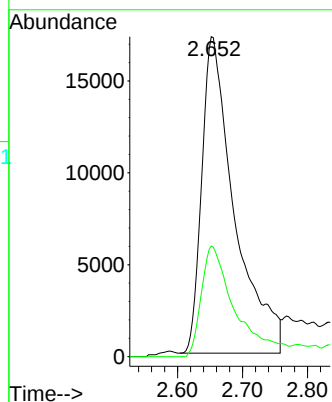
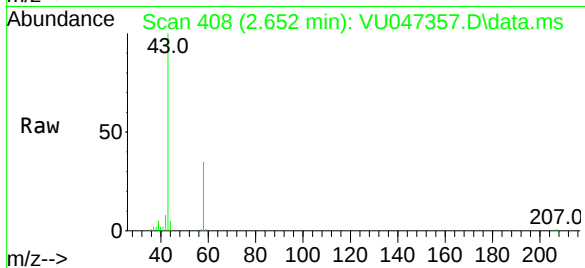
VSTD005086

Tgt Ion: 43 Resp: 60358

Ion Ratio Lower Upper

43 100

58 36.4 0.0 71.6



#14

Carbon disulfide

Concen: 5.085 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU047357.D

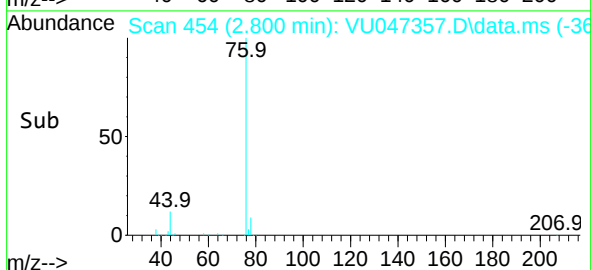
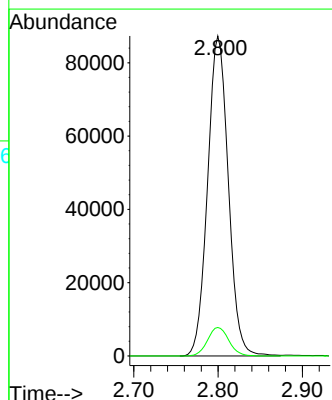
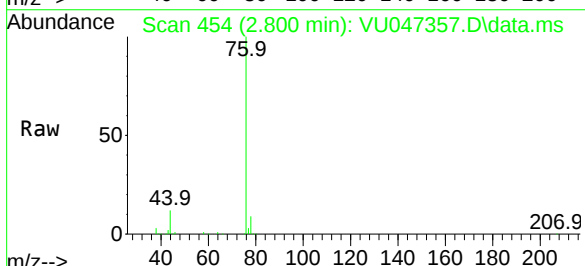
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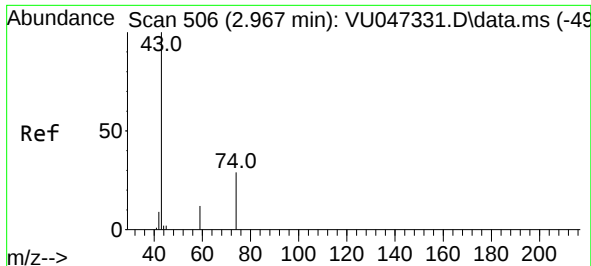
Tgt Ion: 76 Resp: 149277

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3

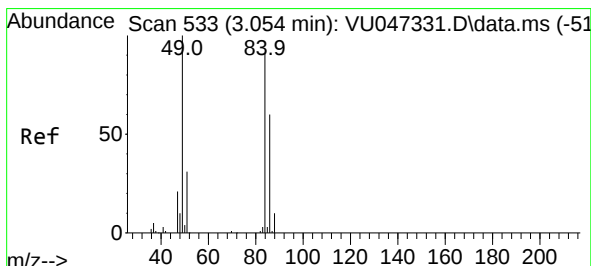
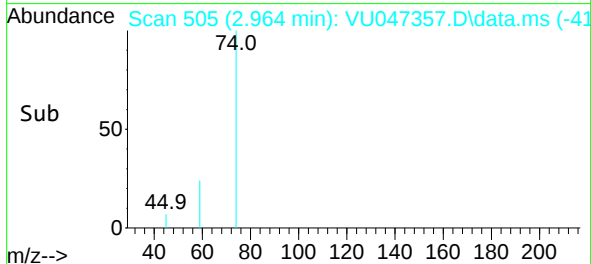
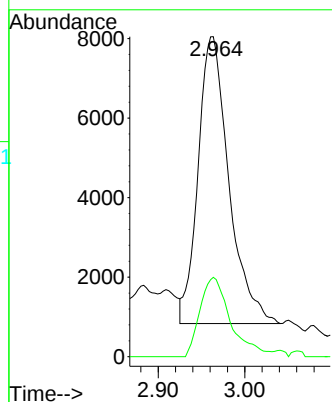
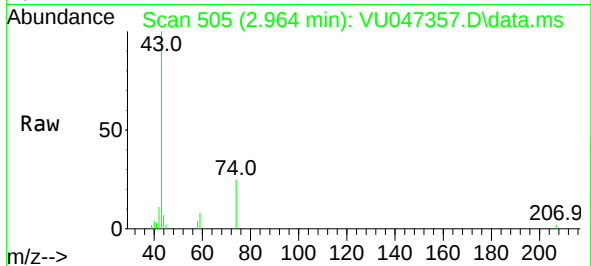




#15
Methyl Acetate
Concen: 4.450 ug/L
RT: 2.964 min Scan# 506
Delta R.T. -0.003 min
Lab File: VU047357.D
Acq: 07 Mar 2022 10:37

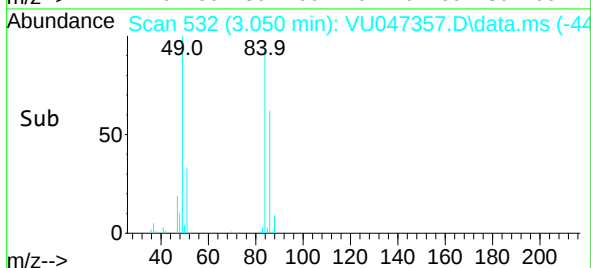
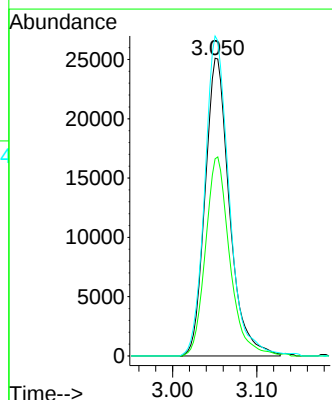
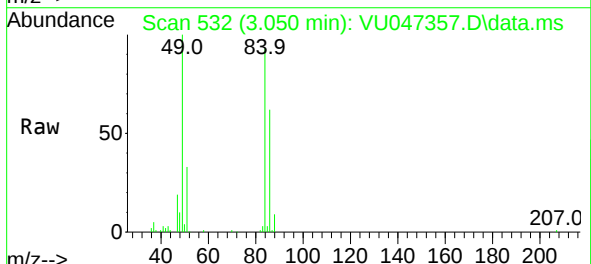
Instrument :
MSVOA_U
ClientSampleId :
VSTD005086

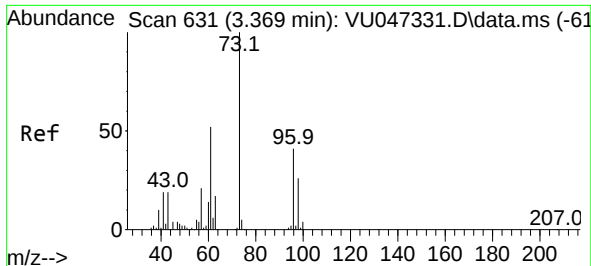
Tgt Ion: 43 Resp: 17820
Ion Ratio Lower Upper
43 100
74 27.5 19.1 28.7



#16
Methylene chloride
Concen: 4.775 ug/L
RT: 3.050 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU047357.D
Acq: 07 Mar 2022 10:37

Tgt Ion: 84 Resp: 50629
Ion Ratio Lower Upper
84 100
86 66.2 45.8 85.0
49 107.5 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 4.748 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU047357.D

Acq: 07 Mar 2022 10:37

Instrument :

MSVOA_U

ClientSampleId :

VSTD005086

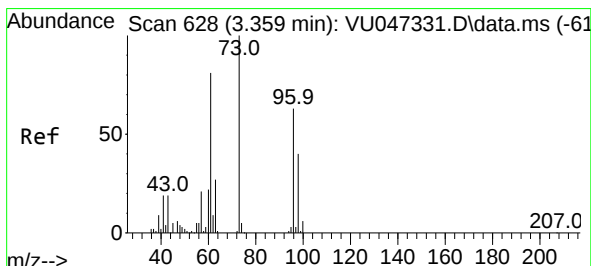
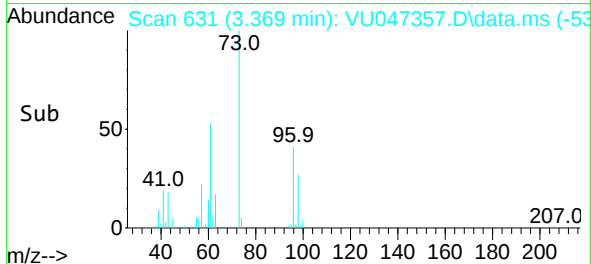
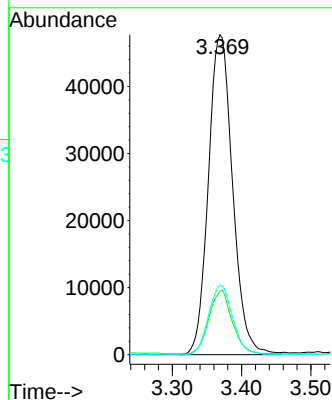
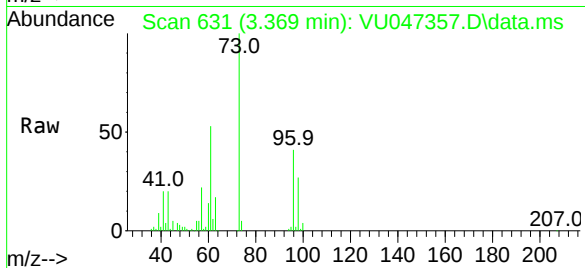
Tgt Ion: 73 Resp: 115800

Ion Ratio Lower Upper

73 100

43 19.1 14.8 22.2

57 21.5 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 4.969 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU047357.D

Acq: 07 Mar 2022 10:37

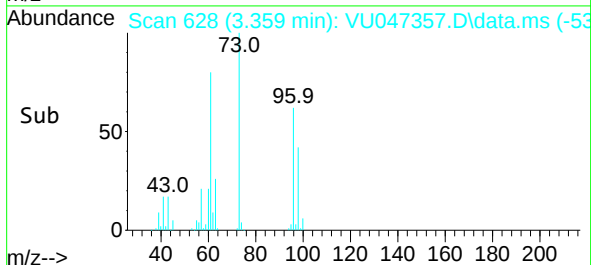
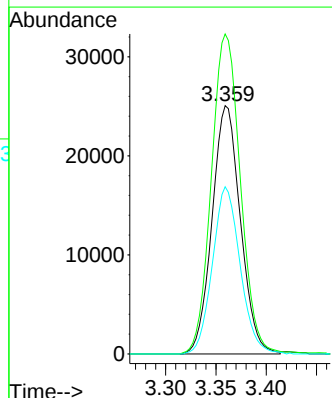
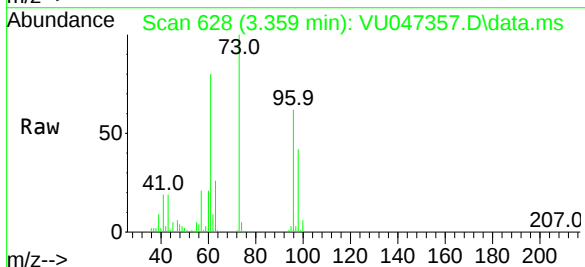
Tgt Ion: 96 Resp: 49145

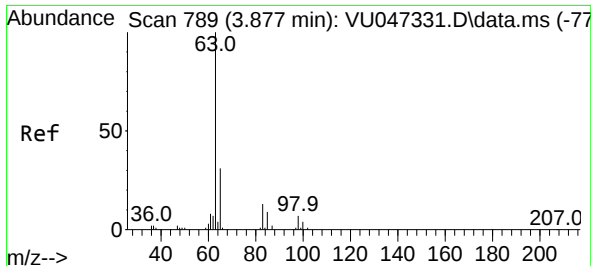
Ion Ratio Lower Upper

96 100

61 128.9 100.8 187.2

98 67.3 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.137 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU047357.D

Acq: 07 Mar 2022 10:37

Instrument :

MSVOA_U

ClientSampleId :

VSTD005086

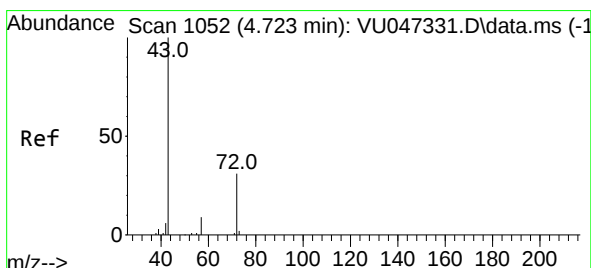
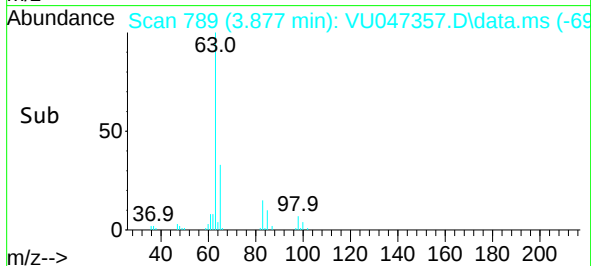
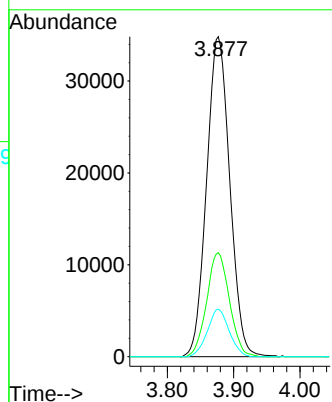
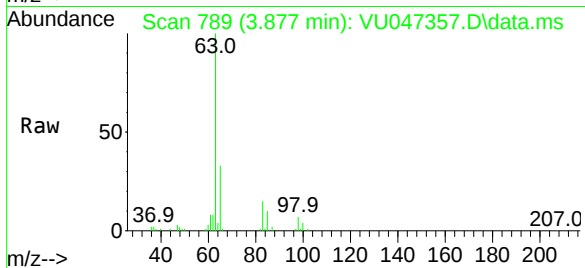
Tgt Ion: 63 Resp: 84583

Ion Ratio Lower Upper

63 100

65 32.5 22.3 41.5

83 14.8 9.6 17.8



#21

2-Butanone

Concen: 34.003 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. -0.003 min

Lab File: VU047357.D

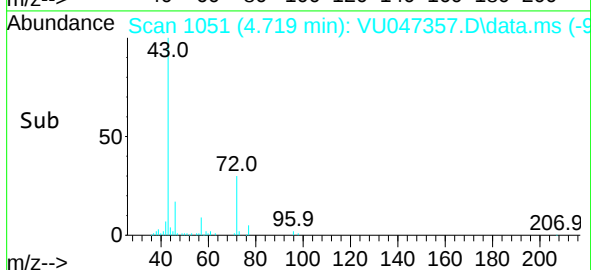
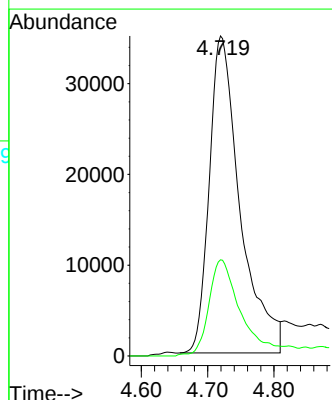
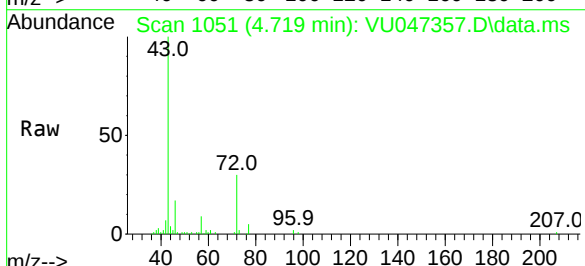
Acq: 07 Mar 2022 10:37

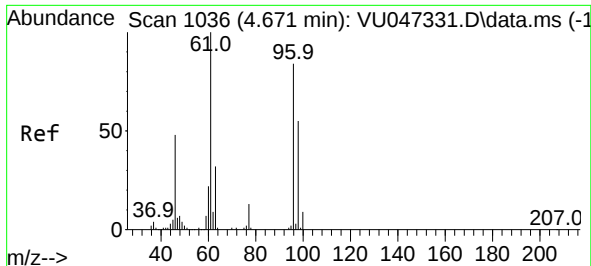
Tgt Ion: 43 Resp: 112962

Ion Ratio Lower Upper

43 100

72 31.4 14.1 42.3

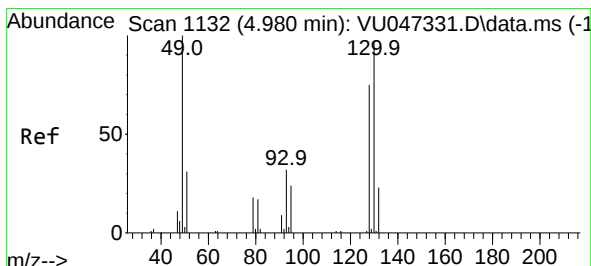
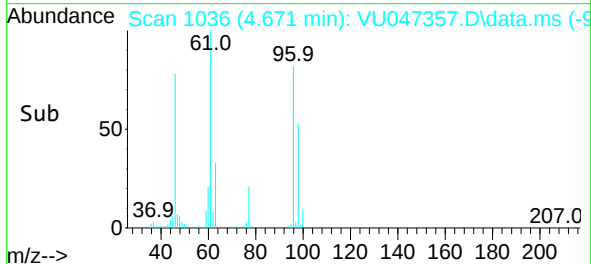
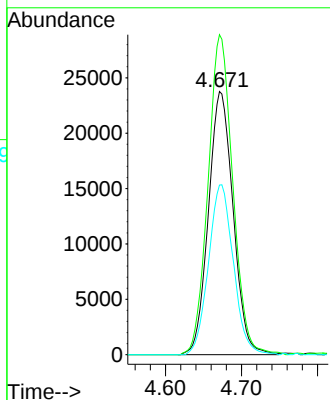
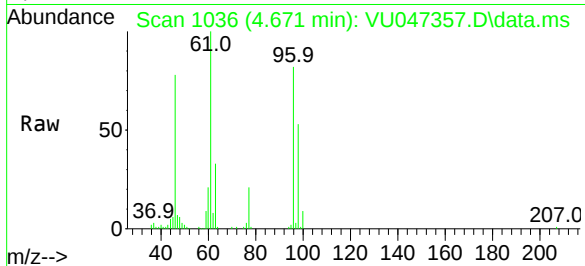




#22
 cis-1,2-Dichloroethene
 Concen: 4.988 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU047357.D
 Acq: 07 Mar 2022 10:37

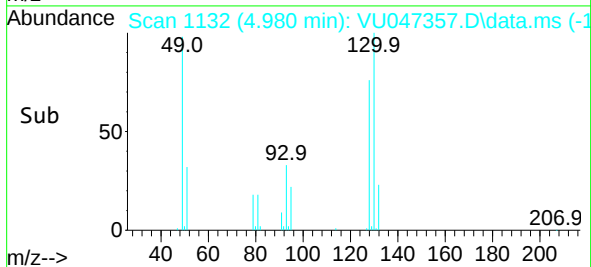
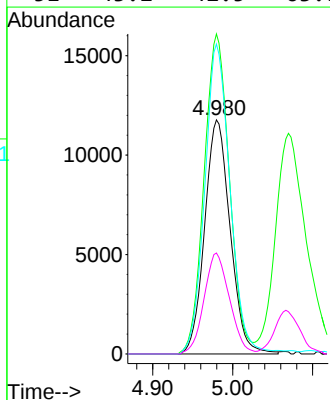
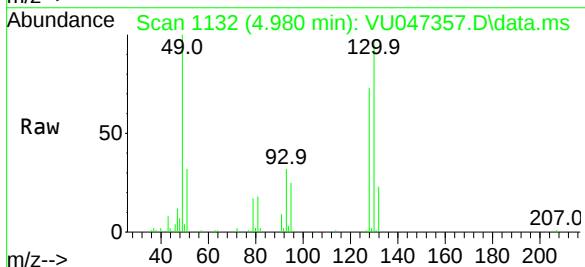
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005086

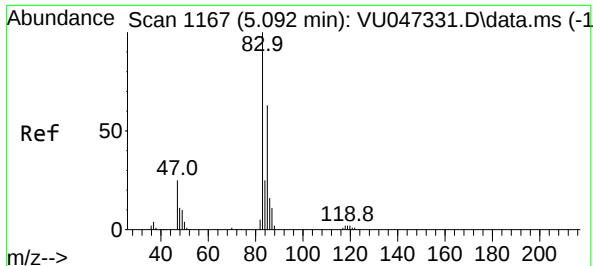
Tgt Ion: 96 Resp: 53704
 Ion Ratio Lower Upper
 96 100
 61 121.6 88.5 164.3
 98 64.4 44.4 82.5



#23
 Bromochloromethane
 Concen: 4.858 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VU047357.D
 Acq: 07 Mar 2022 10:37

Tgt Ion: 128 Resp: 26124
 Ion Ratio Lower Upper
 128 100
 49 136.7 117.0 217.2
 130 132.4 88.2 163.8
 51 43.2 42.5 63.7





#25

Chloroform

Concen: 5.008 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047357.D

Acq: 07 Mar 2022 10:37

Instrument :

MSVOA_U

ClientSampleId :

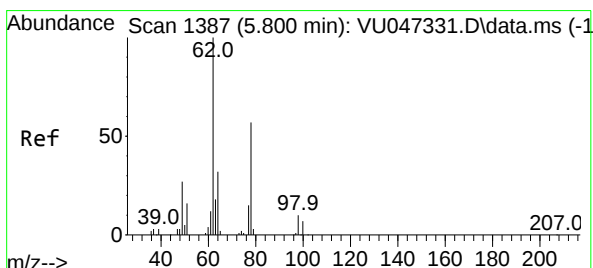
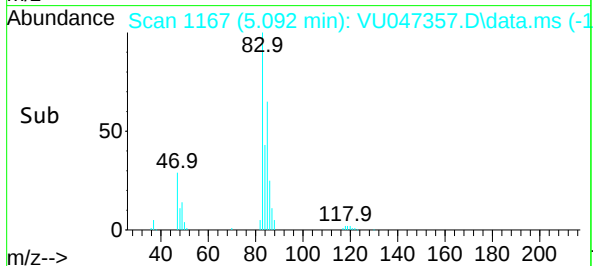
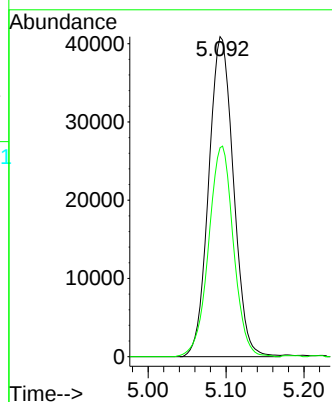
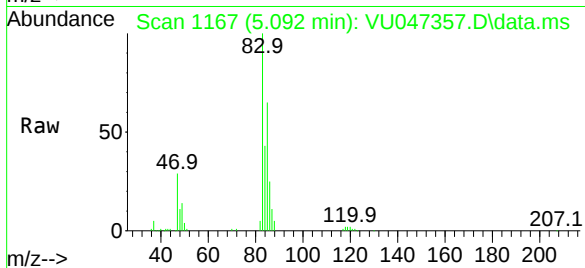
VSTD005086

Tgt Ion: 83 Resp: 90234

Ion Ratio Lower Upper

83 100

85 65.3 46.9 87.1



#27

1,2-Dichloroethane

Concen: 4.765 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU047357.D

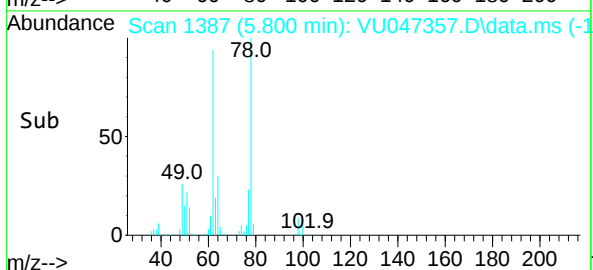
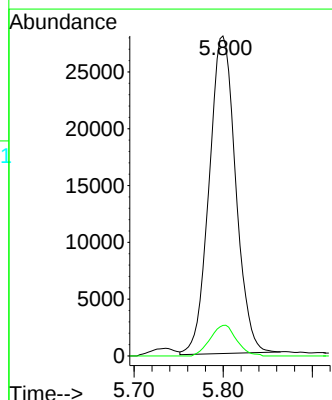
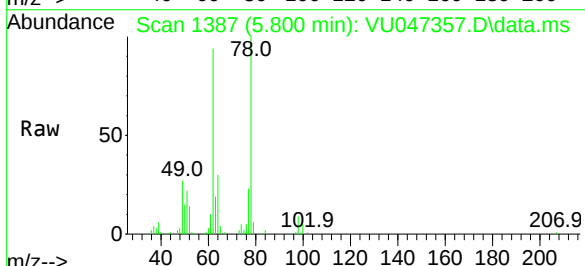
Acq: 07 Mar 2022 10:37

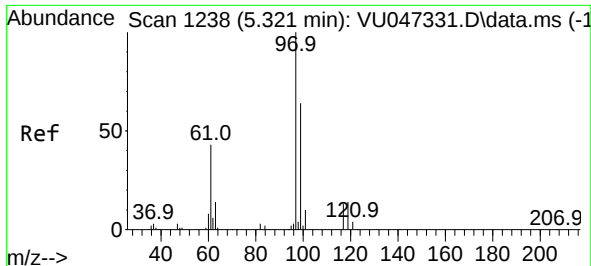
Tgt Ion: 62 Resp: 57829

Ion Ratio Lower Upper

62 100

98 9.5 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.203 ug/L

RT: 5.320 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU047357.D

Acq: 07 Mar 2022 10:37

Instrument :

MSVOA_U

ClientSampleId :

VSTD005086

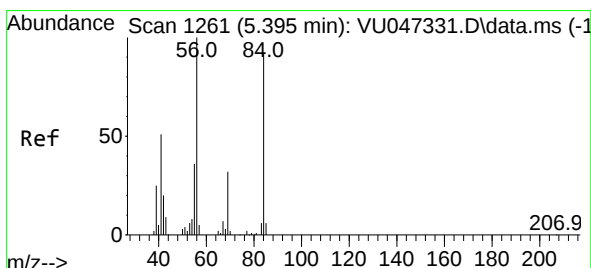
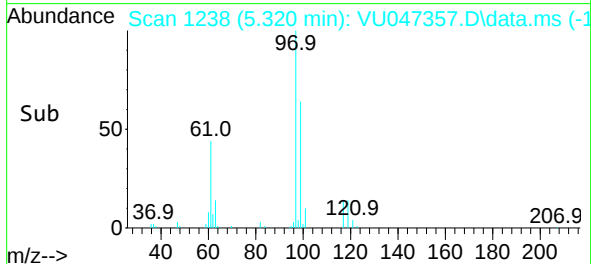
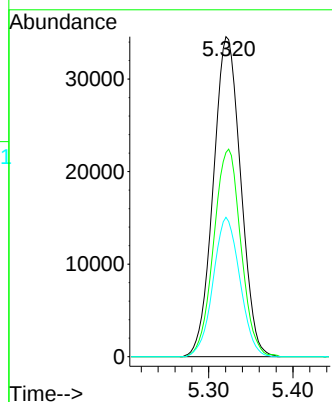
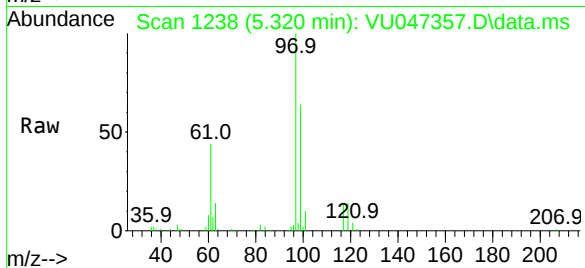
Tgt Ion: 97 Resp: 78048

Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 42.6 36.1 54.1



#30

Cyclohexane

Concen: 5.284 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU047357.D

Acq: 07 Mar 2022 10:37

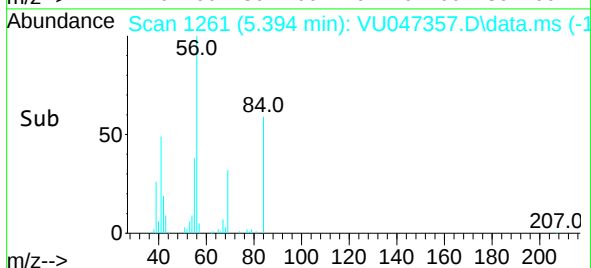
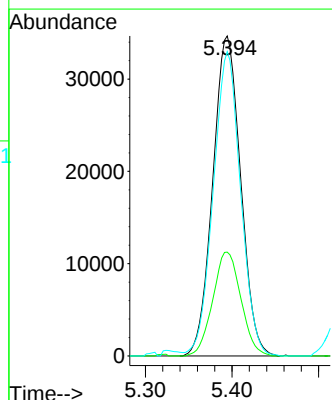
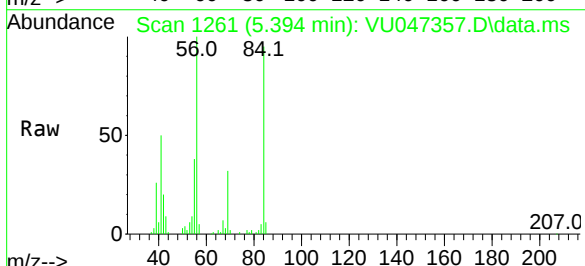
Tgt Ion: 56 Resp: 77553

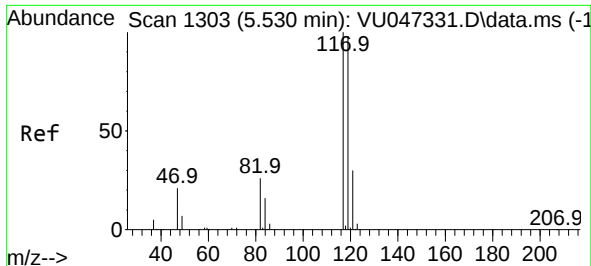
Ion Ratio Lower Upper

56 100

69 32.8 24.7 37.1

84 93.4 71.8 107.6

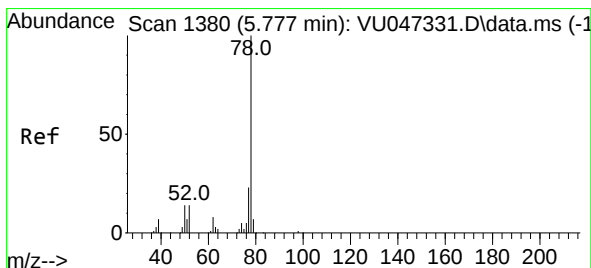
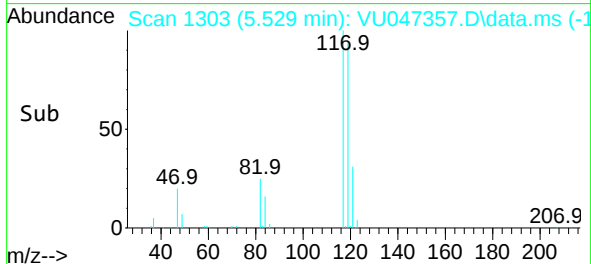
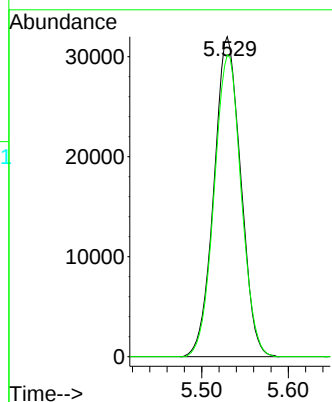
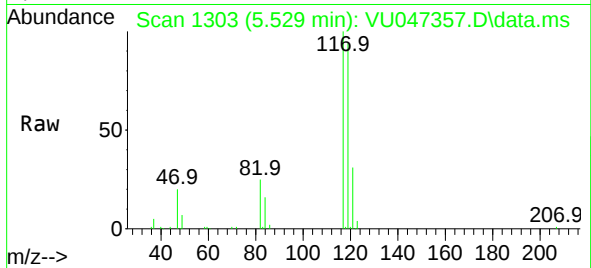




#31
Carbon tetrachloride
Concen: 5.305 ug/L
RT: 5.529 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU047357.D
Acq: 07 Mar 2022 10:37

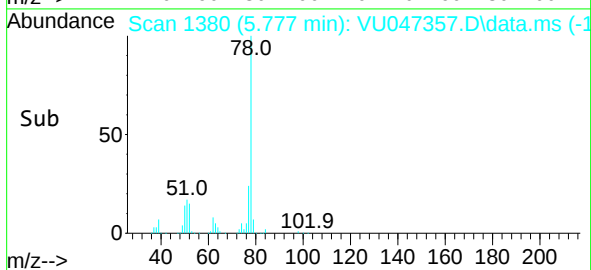
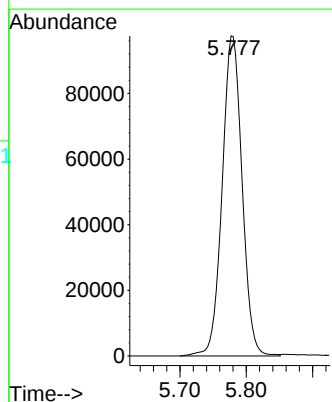
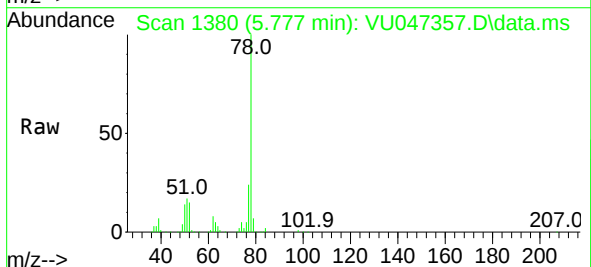
Instrument :
MSVOA_U
ClientSampleId :
VSTD005086

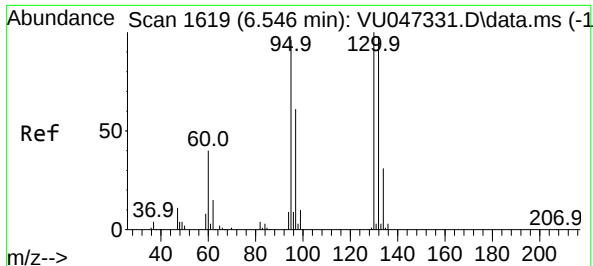
Tgt Ion:117 Resp: 68712
Ion Ratio Lower Upper
117 100
119 95.3 77.5 116.3



#33
Benzene
Concen: 5.041 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047357.D
Acq: 07 Mar 2022 10:37

Tgt Ion: 78 Resp: 203210

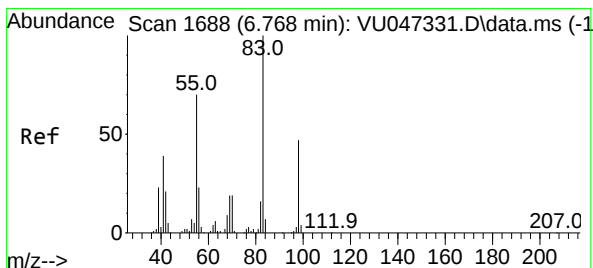
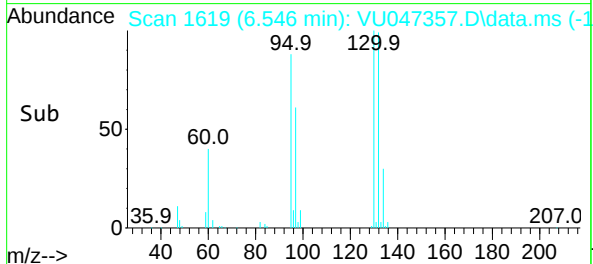
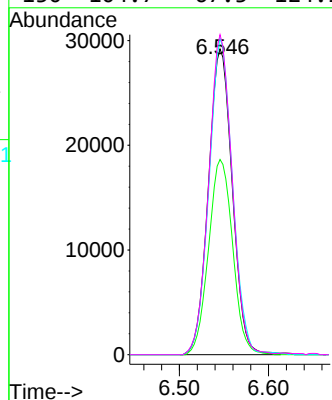
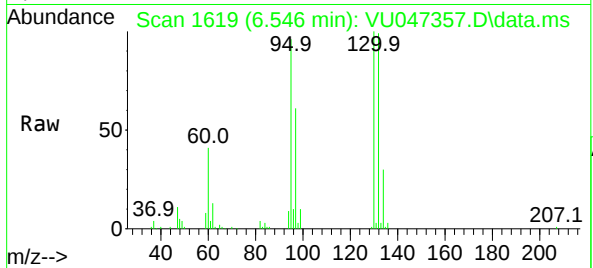




#34
Trichloroethene
Concen: 5.132 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047357.D
Acq: 07 Mar 2022 10:37

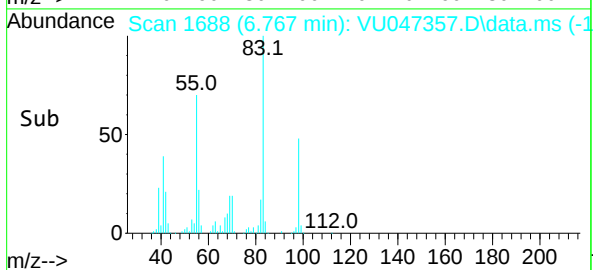
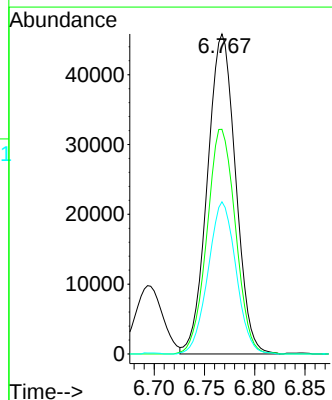
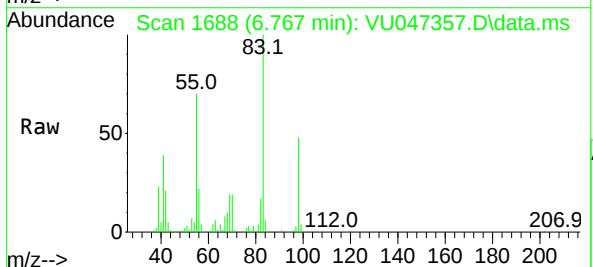
Instrument :
MSVOA_U
ClientSampleId :
VSTD005086

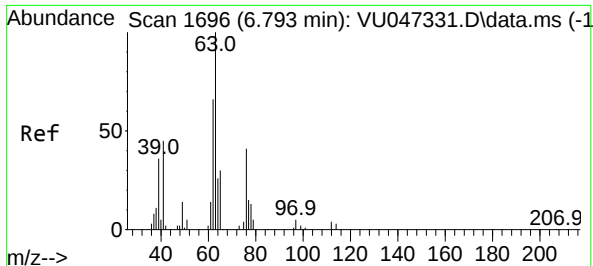
Tgt Ion:	95	Resp:	54374
Ion	Ratio	Lower	Upper
95	100		
97	63.8	46.5	86.5
132	103.4	65.1	120.9
130	104.7	67.3	124.9



#35
Methylcyclohexane
Concen: 5.510 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU047357.D
Acq: 07 Mar 2022 10:37

Tgt Ion:	83	Resp:	89521
Ion	Ratio	Lower	Upper
83	100		
55	71.0	61.9	92.9
98	47.1	39.0	58.6

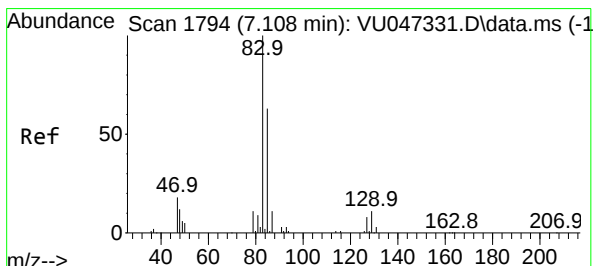
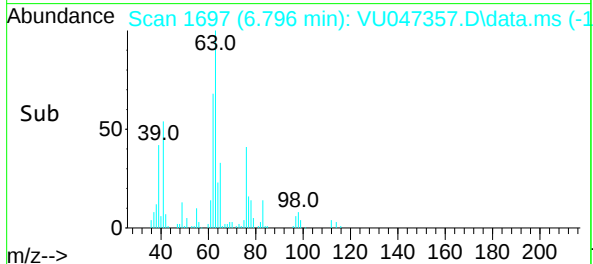
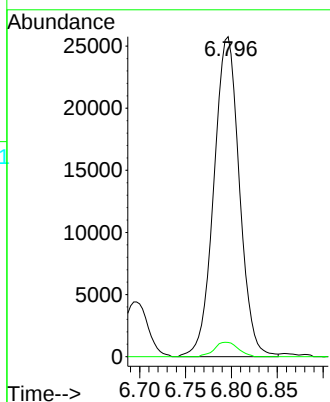
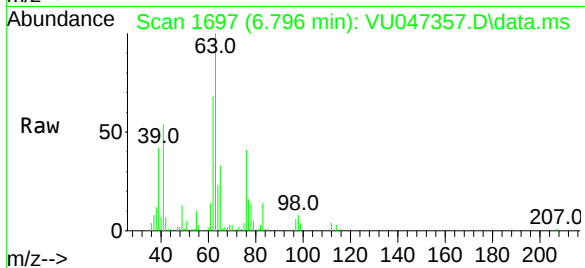




#37
1,2-Dichloropropane
Concen: 4.991 ug/L
RT: 6.796 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU047357.D
Acq: 07 Mar 2022 10:37

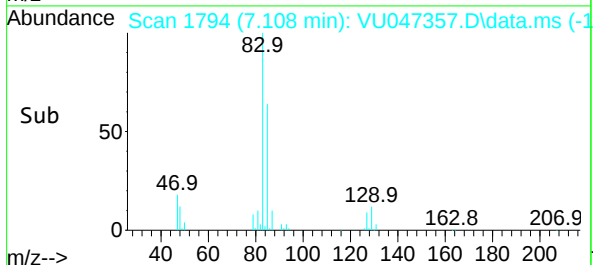
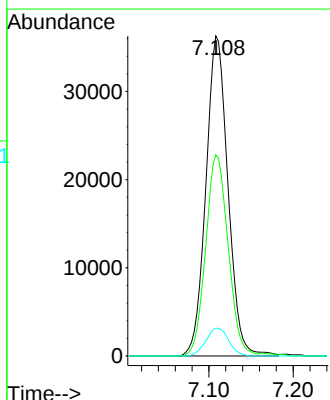
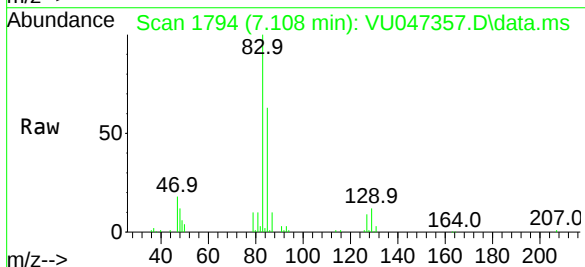
Instrument :
MSVOA_U
ClientSampleId :
VSTD005086

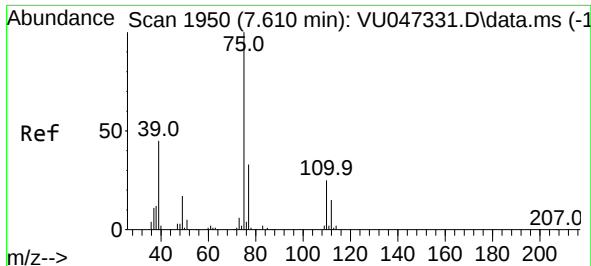
Tgt Ion: 63 Resp: 49900
Ion Ratio Lower Upper
63 100
112 4.2 3.2 4.8



#38
Bromodichloromethane
Concen: 5.042 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU047357.D
Acq: 07 Mar 2022 10:37

Tgt Ion: 83 Resp: 66153
Ion Ratio Lower Upper
83 100
85 62.8 44.0 81.8
127 8.7 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.999 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047357.D

Acq: 07 Mar 2022 10:37

Instrument :

MSVOA_U

ClientSampleId :

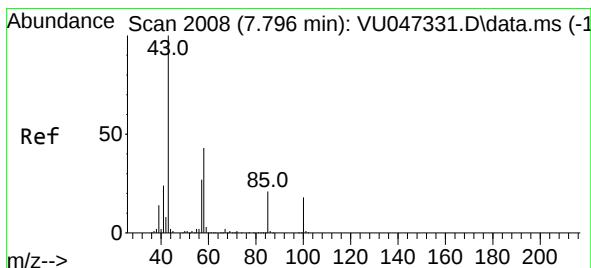
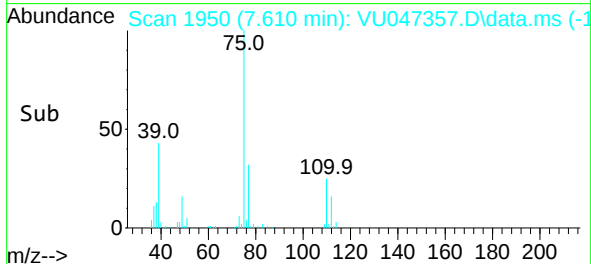
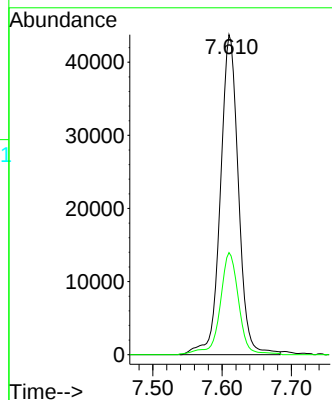
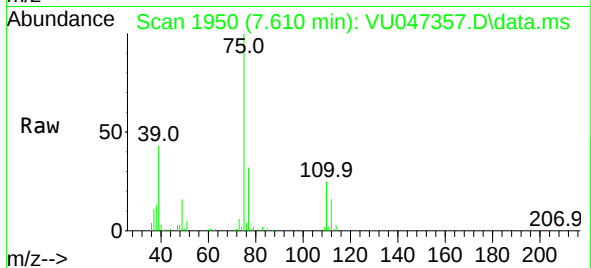
VSTD005086

Tgt Ion: 75 Resp: 79354

Ion Ratio Lower Upper

75 100

77 31.9 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 44.173 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU047357.D

Acq: 07 Mar 2022 10:37

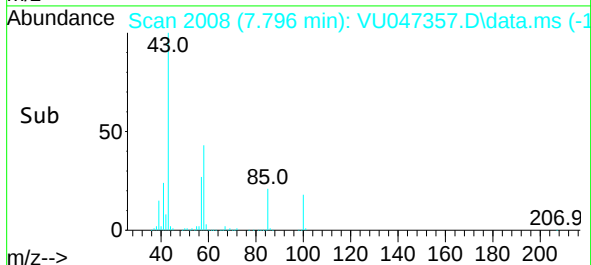
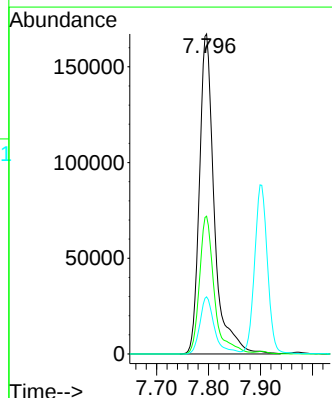
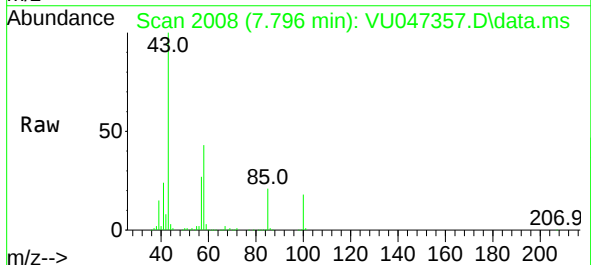
Tgt Ion: 43 Resp: 333108

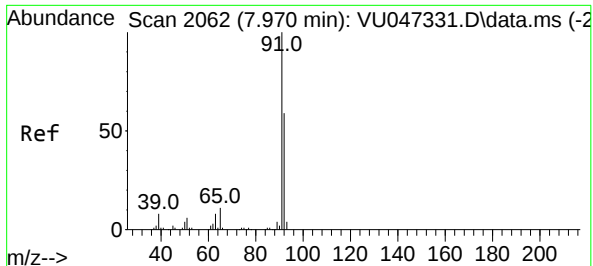
Ion Ratio Lower Upper

43 100

58 42.9 33.1 49.7

100 17.5 13.2 19.8





#42

Toluene

Concen: 5.154 ug/L

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU047357.D

Acq: 07 Mar 2022 10:37

Instrument :

MSVOA_U

ClientSampleId :

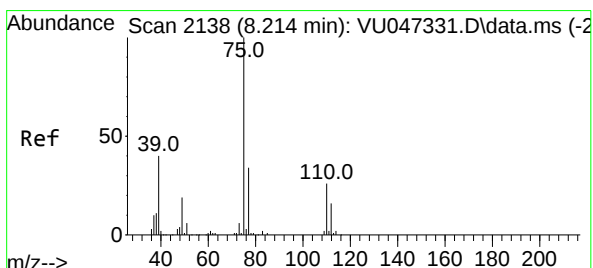
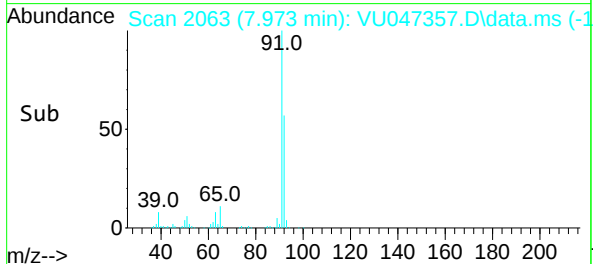
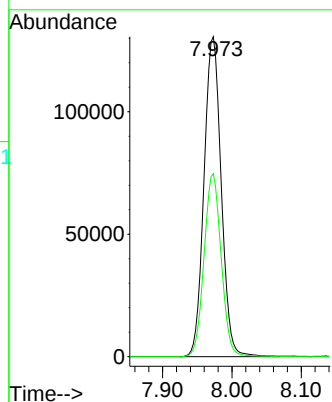
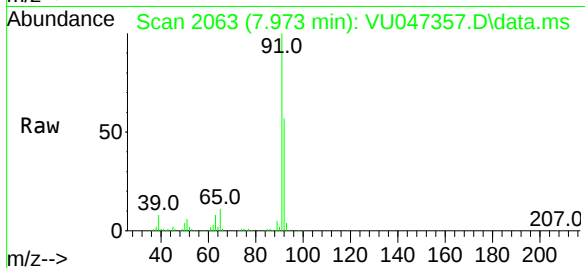
VSTD005086

Tgt Ion: 91 Resp: 225195

Ion Ratio Lower Upper

91 100

92 57.2 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.016 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. -0.000 min

Lab File: VU047357.D

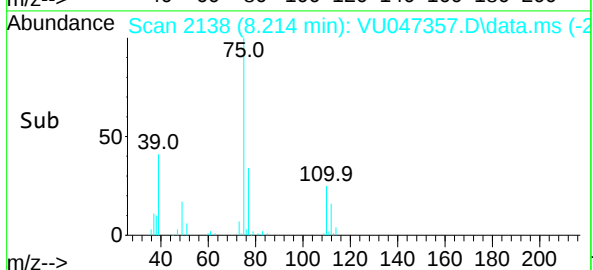
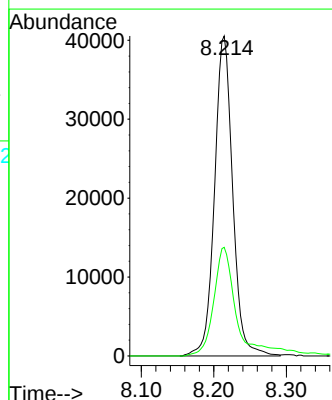
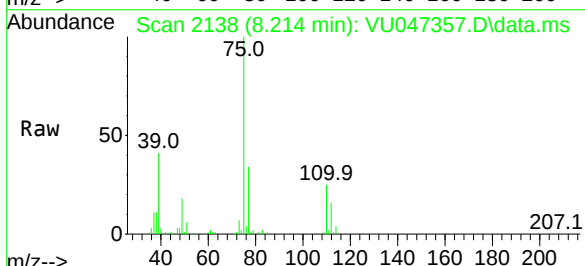
Acq: 07 Mar 2022 10:37

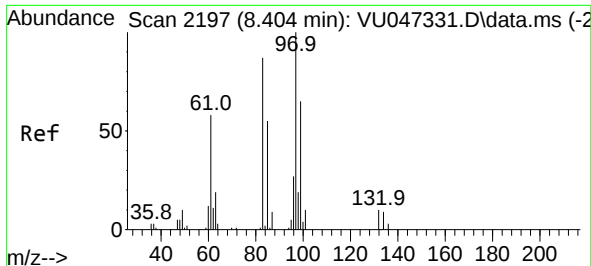
Tgt Ion: 75 Resp: 70562

Ion Ratio Lower Upper

75 100

77 34.0 22.7 42.3

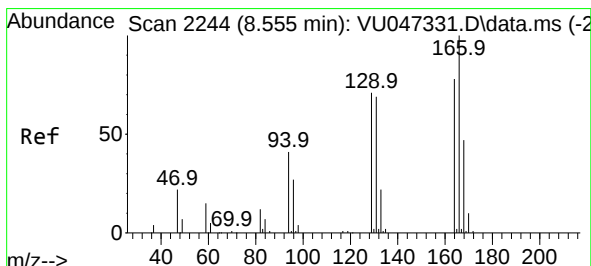
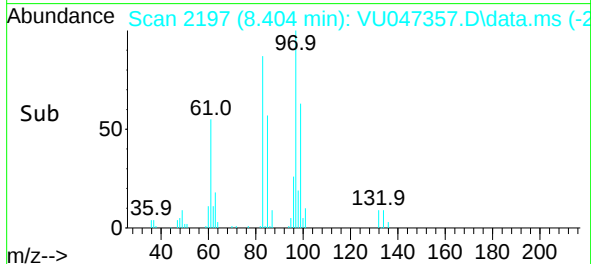
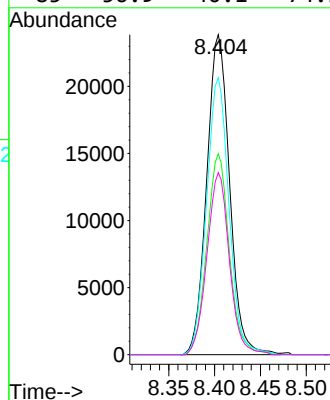
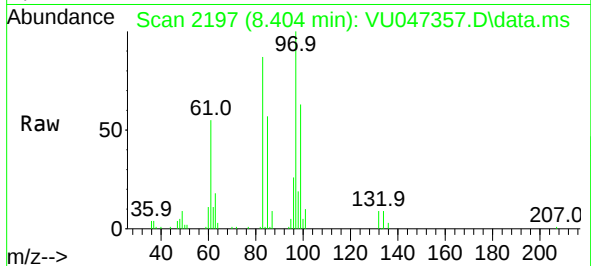




#45
1,1,2-Trichloroethane
Concen: 4.806 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU047357.D
Acq: 07 Mar 2022 10:37

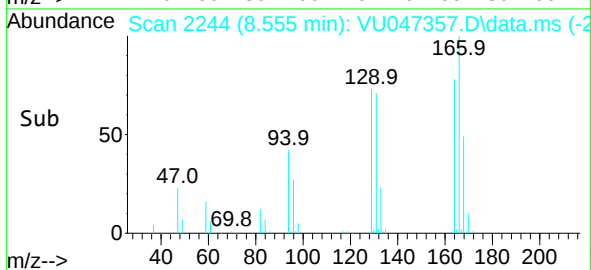
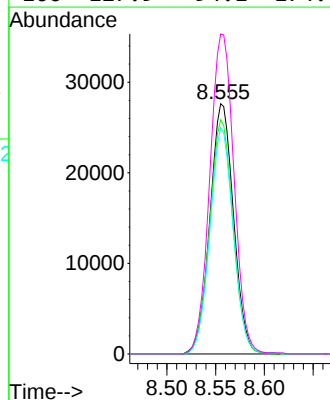
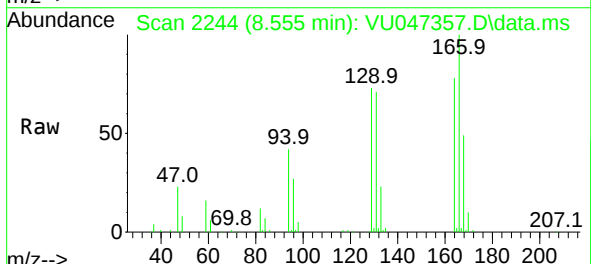
Instrument :
MSVOA_U
ClientSampleId :
VSTD005086

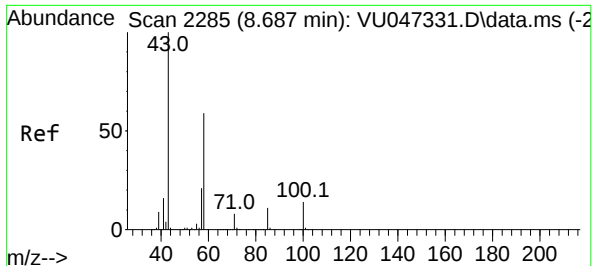
Tgt Ion:	97	Resp:	41544
Ion	Ratio	Lower	Upper
97	100		
99	62.8	42.3	78.5
83	86.6	62.0	115.2
85	56.9	40.1	74.5



#47
Tetrachloroethene
Concen: 5.164 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047357.D
Acq: 07 Mar 2022 10:37

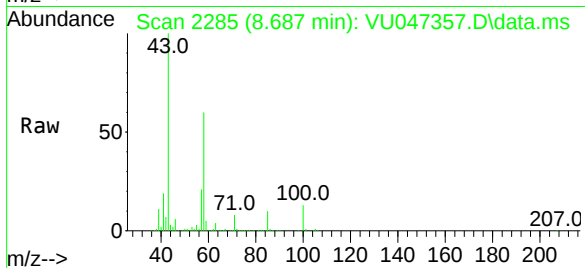
Tgt Ion:	164	Resp:	46611
Ion	Ratio	Lower	Upper
164	100		
129	93.6	71.8	133.4
131	90.5	68.5	127.3
166	127.9	94.1	174.8



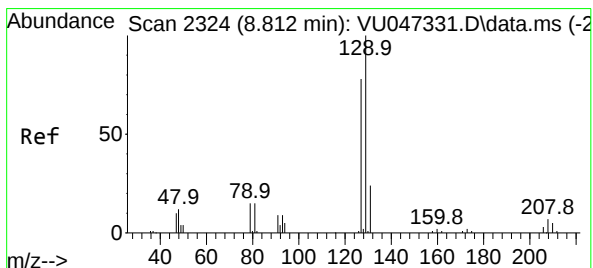
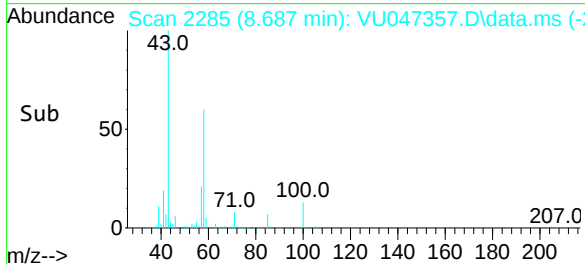
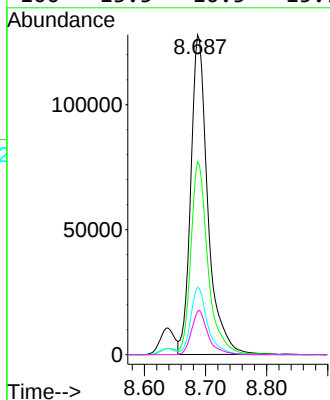


#48
2-Hexanone
Concen: 44.049 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047357.D
Acq: 07 Mar 2022 10:37

Instrument :
MSVOA_U
ClientSampleId :
VSTD005086

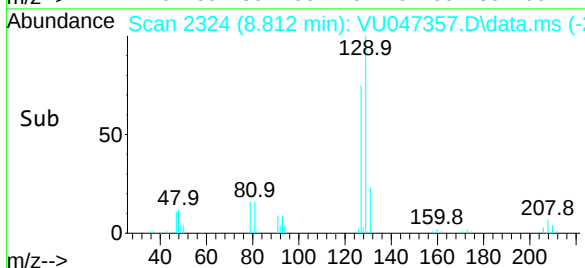
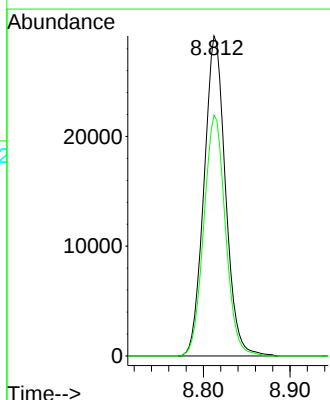
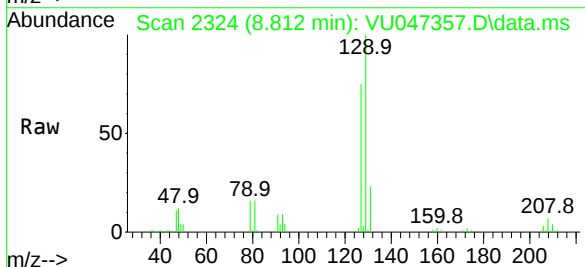


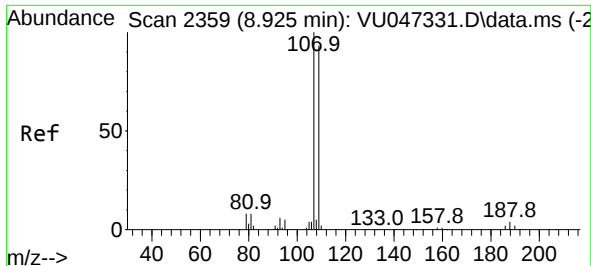
Tgt Ion: 43 Resp: 247756
Ion Ratio Lower Upper
43 100
58 59.8 46.7 70.1
57 21.0 16.3 24.5
100 13.5 10.5 15.7



#49
Dibromochloromethane
Concen: 4.930 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047357.D
Acq: 07 Mar 2022 10:37

Tgt Ion: 129 Resp: 50153
Ion Ratio Lower Upper
129 100
127 75.3 55.4 102.8





#50

1,2-Dibromoethane

Concen: 4.707 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047357.D

Acq: 07 Mar 2022 10:37

Instrument :

MSVOA_U

ClientSampleId :

VSTD005086

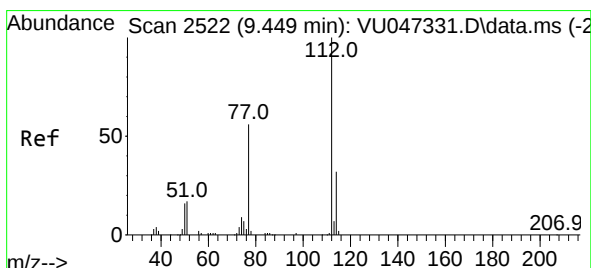
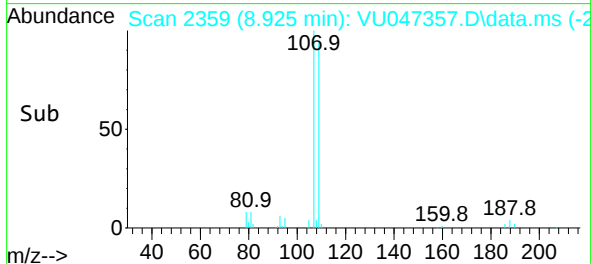
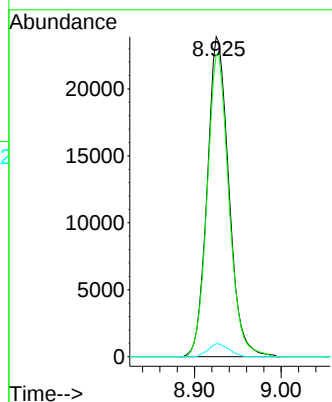
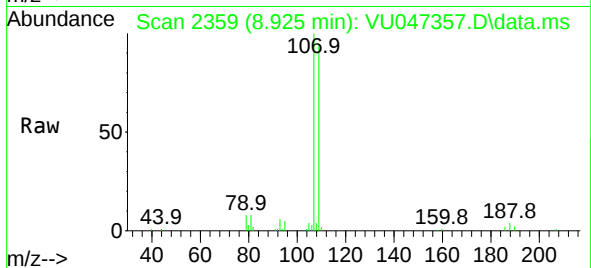
Tgt Ion:107 Resp: 41566

Ion Ratio Lower Upper

107 100

109 94.4 64.0 119.0

188 4.0 2.4 3.6#



#51

Chlorobenzene

Concen: 5.040 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU047357.D

Acq: 07 Mar 2022 10:37

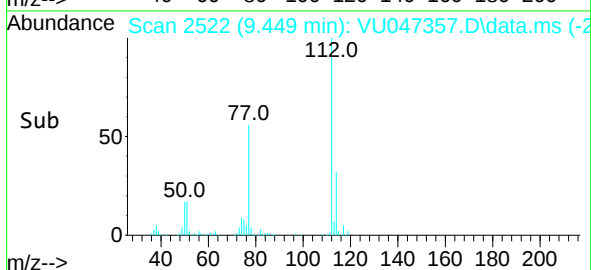
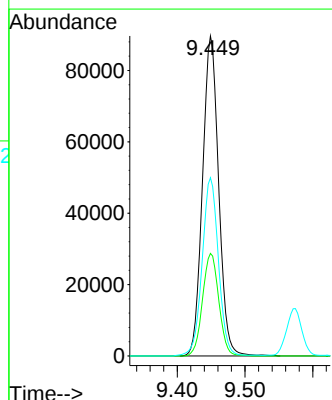
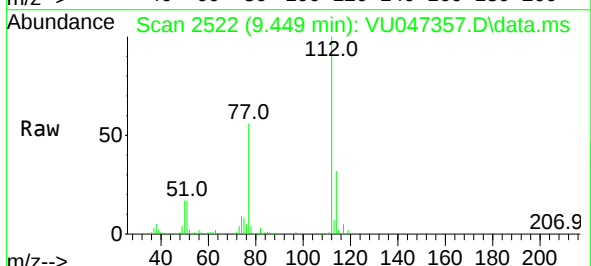
Tgt Ion:112 Resp: 148285

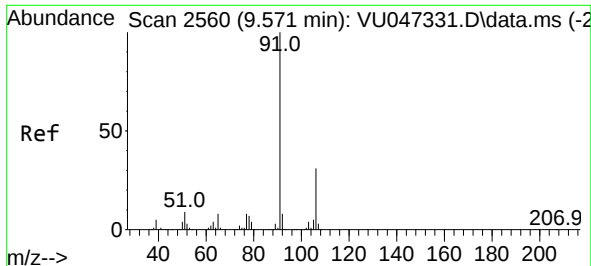
Ion Ratio Lower Upper

112 100

114 32.1 22.1 41.1

77 55.7 48.3 72.5

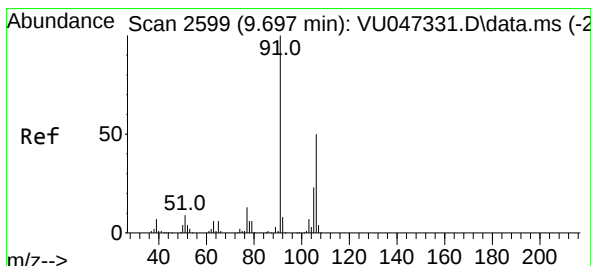
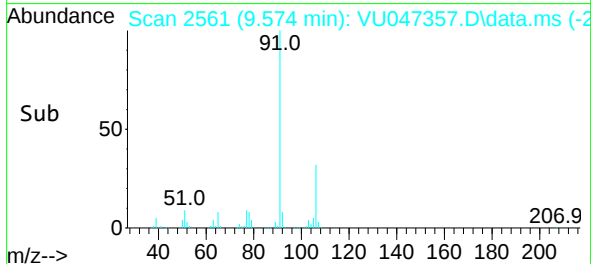
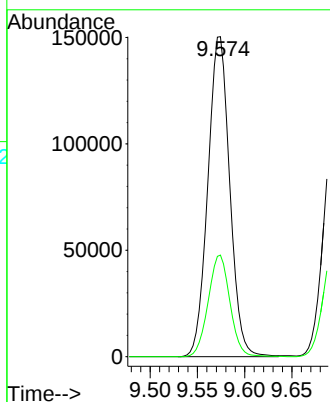
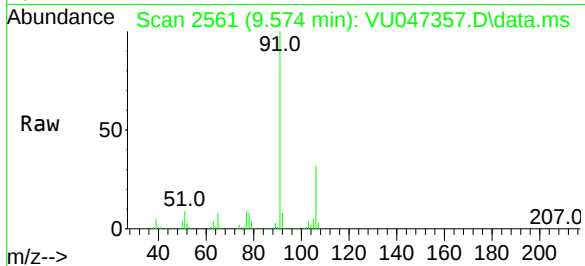




#52
Ethylbenzene
Concen: 5.180 ug/L
RT: 9.574 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU047357.D
Acq: 07 Mar 2022 10:37

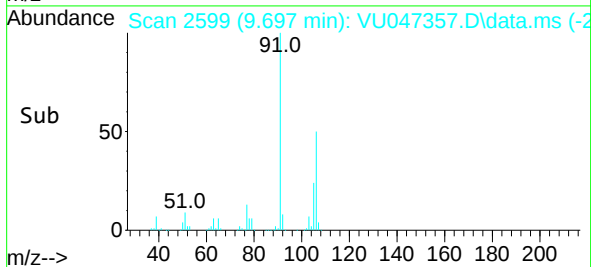
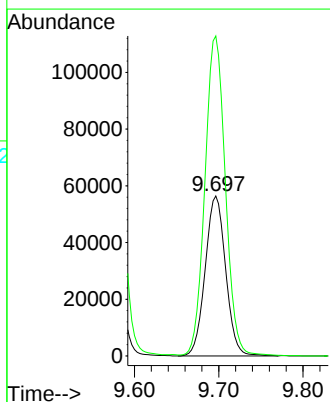
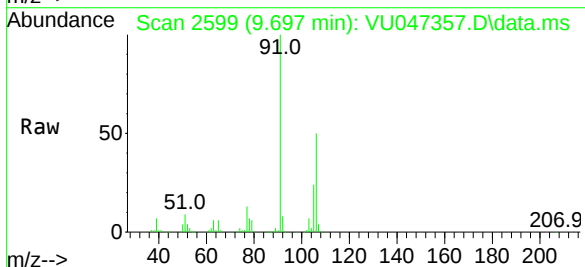
Instrument :
MSVOA_U
ClientSampleId :
VSTD005086

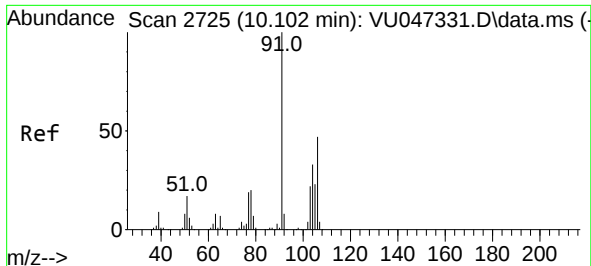
Tgt Ion: 91 Resp: 242134
Ion Ratio Lower Upper
91 100
106 31.7 21.5 39.9



#53
m,p-Xylene
Concen: 5.134 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU047357.D
Acq: 07 Mar 2022 10:37

Tgt Ion: 106 Resp: 95360
Ion Ratio Lower Upper
106 100
91 200.1 139.4 259.0

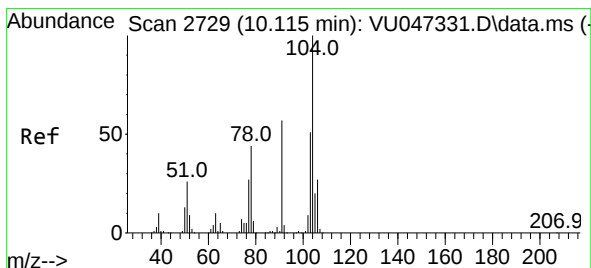
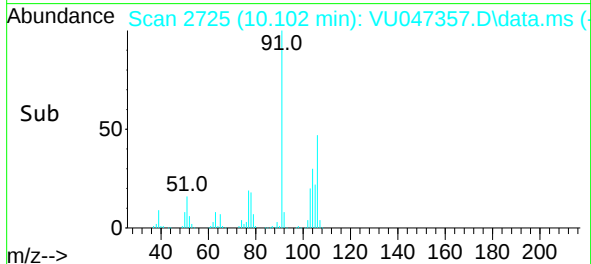
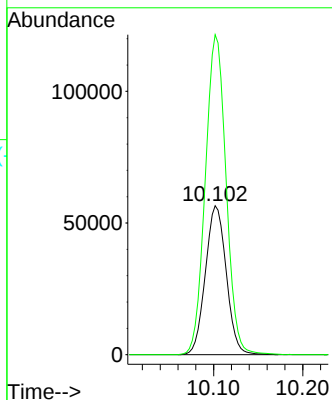
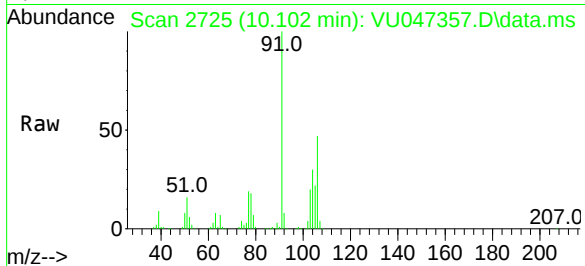




#54
o-Xylene
Concen: 5.139 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047357.D
Acq: 07 Mar 2022 10:37

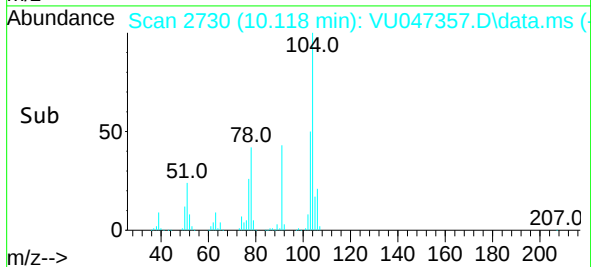
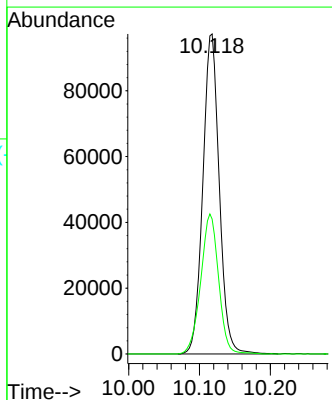
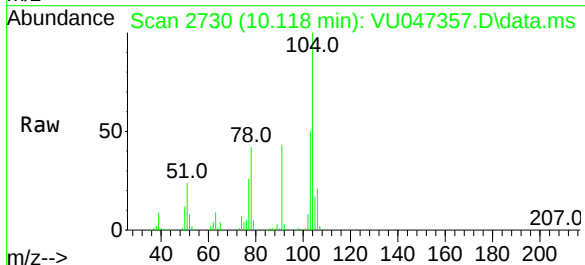
Instrument :
MSVOA_U
ClientSampleId :
VSTD005086

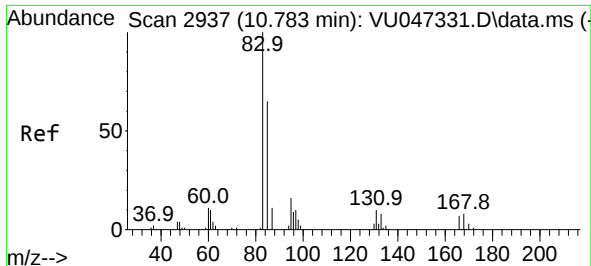
Tgt Ion:106 Resp: 92045
Ion Ratio Lower Upper
106 100
91 214.8 147.5 273.9



#55
Styrene
Concen: 5.167 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU047357.D
Acq: 07 Mar 2022 10:37

Tgt Ion:104 Resp: 156921
Ion Ratio Lower Upper
104 100
78 42.2 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 4.422 ug/L

RT: 10.787 min Scan# 2937

Delta R.T. 0.003 min

Lab File: VU047357.D

Acq: 07 Mar 2022 10:37

Instrument :

MSVOA_U

ClientSampleId :

VSTD005086

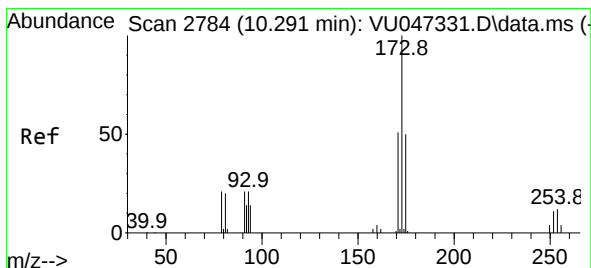
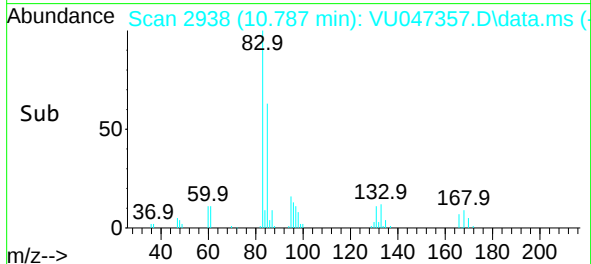
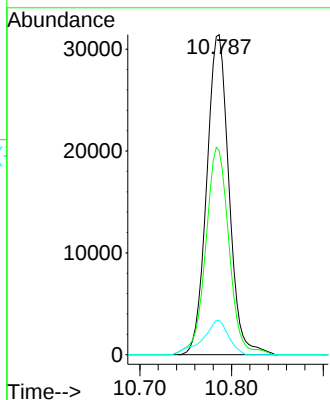
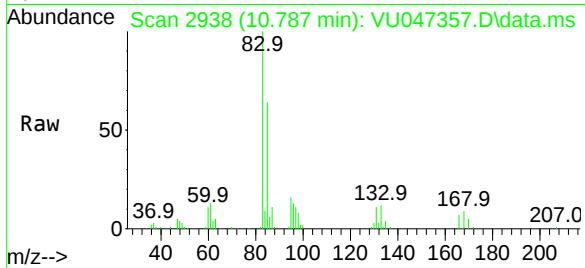
Tgt Ion: 83 Resp: 52919

Ion Ratio Lower Upper

83 100

85 63.7 47.9 89.1

131 10.8 8.1 12.1



#59

Bromoform

Concen: 4.862 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. 0.003 min

Lab File: VU047357.D

Acq: 07 Mar 2022 10:37

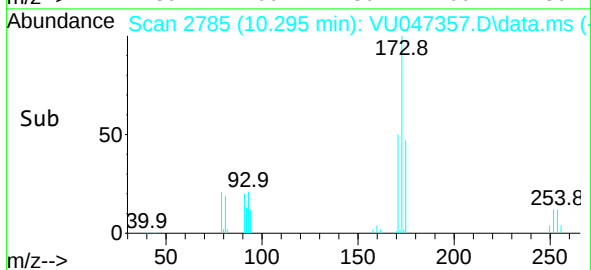
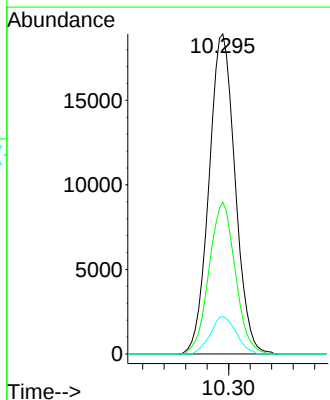
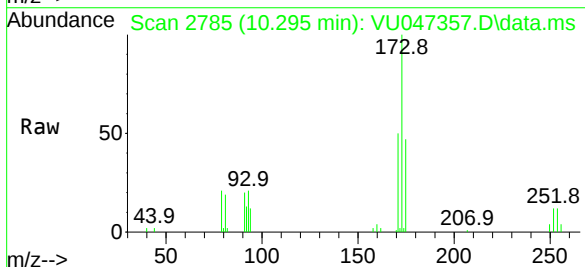
Tgt Ion:173 Resp: 31861

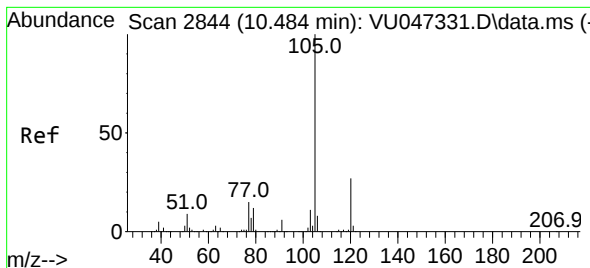
Ion Ratio Lower Upper

173 100

175 47.6 37.8 56.6

254 11.6 7.3 10.9#





#60

Isopropylbenzene

Concen: 5.380 ug/L

RT: 10.487 min Scan# 2844

Delta R.T. 0.003 min

Lab File: VU047357.D

Acq: 07 Mar 2022 10:37

Instrument :

MSVOA_U

ClientSampleId :

VSTD005086

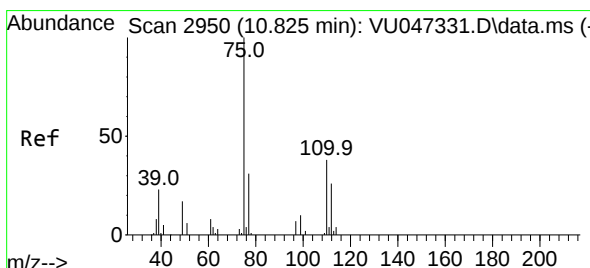
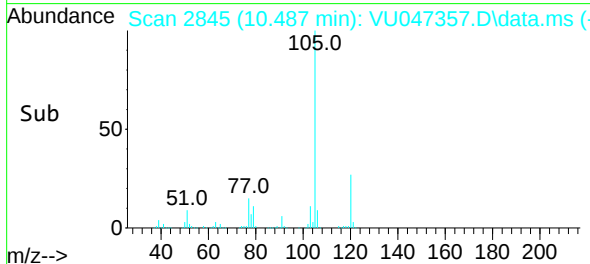
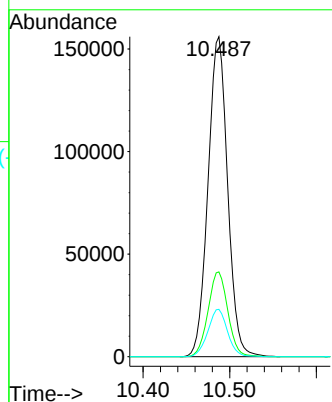
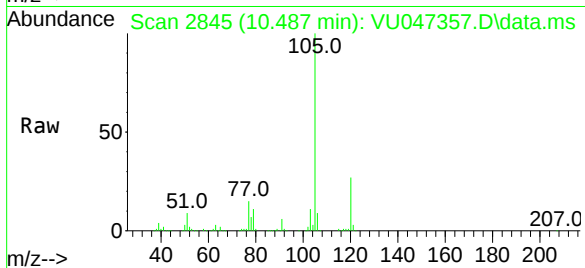
Tgt Ion:105 Resp: 245163

Ion Ratio Lower Upper

105 100

120 26.7 20.7 31.1

77 14.9 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 4.538 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU047357.D

Acq: 07 Mar 2022 10:37

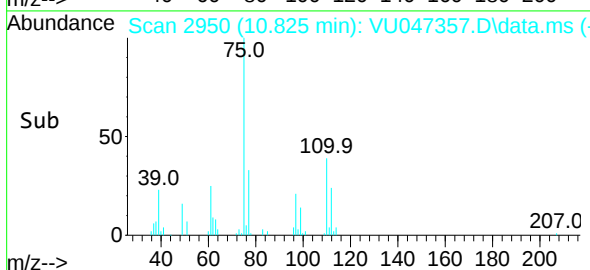
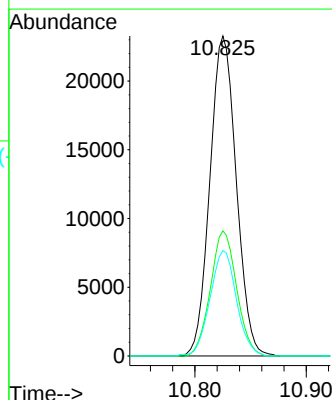
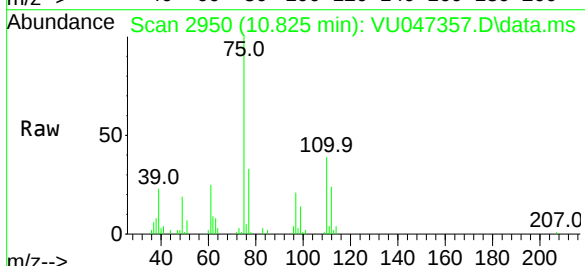
Tgt Ion: 75 Resp: 38276

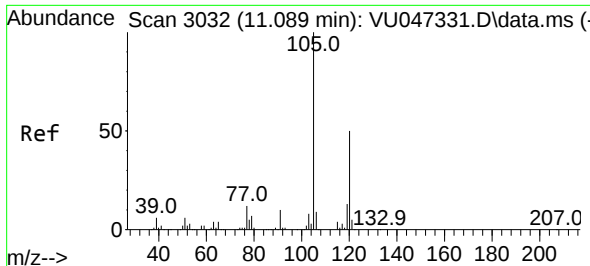
Ion Ratio Lower Upper

75 100

110 38.9 29.9 44.9

77 33.1 25.5 38.3

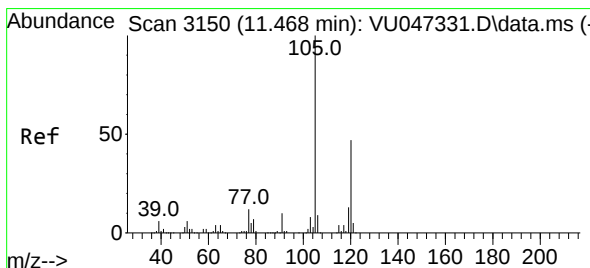
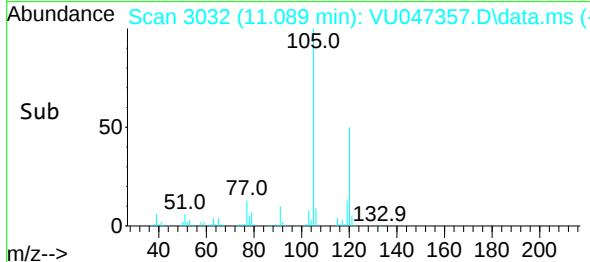
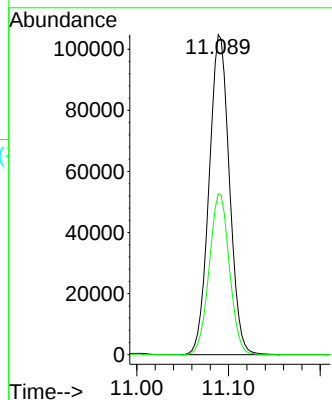
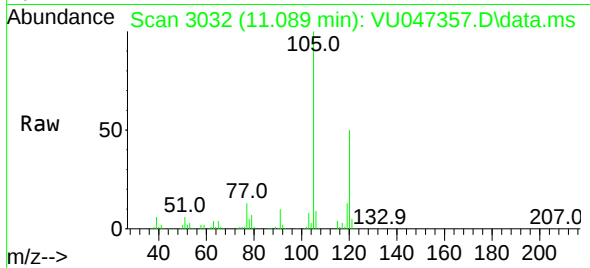




#62
1,3,5-Trimethylbenzene
Concen: 5.293 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047357.D
Acq: 07 Mar 2022 10:37

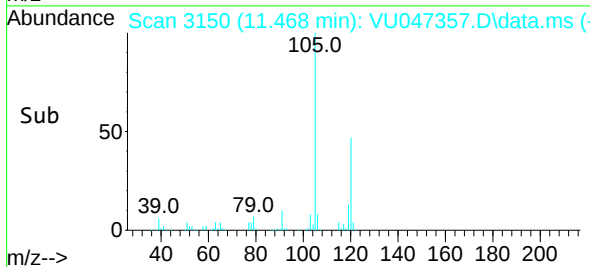
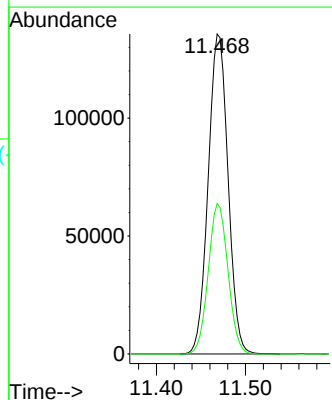
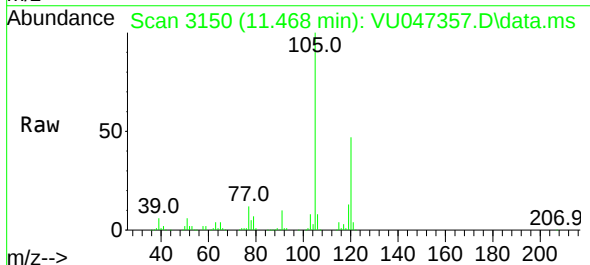
Instrument :
MSVOA_U
ClientSampleId :
VSTD005086

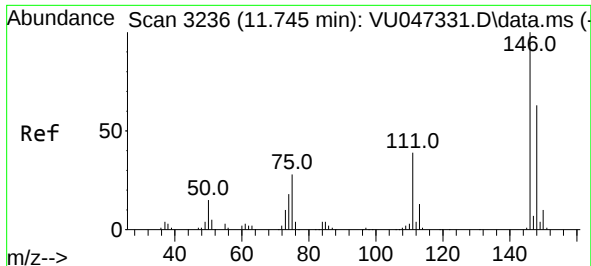
Tgt Ion:105 Resp: 160971
Ion Ratio Lower Upper
105 100
120 50.0 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 5.293 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047357.D
Acq: 07 Mar 2022 10:37

Tgt Ion:105 Resp: 209679
Ion Ratio Lower Upper
105 100
120 46.7 35.8 53.8

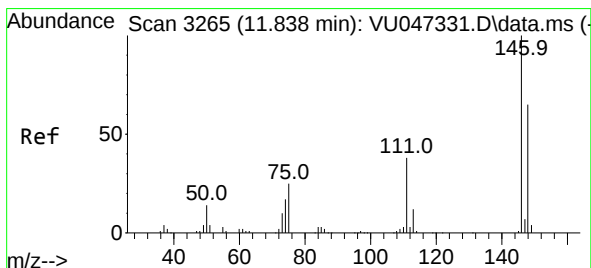
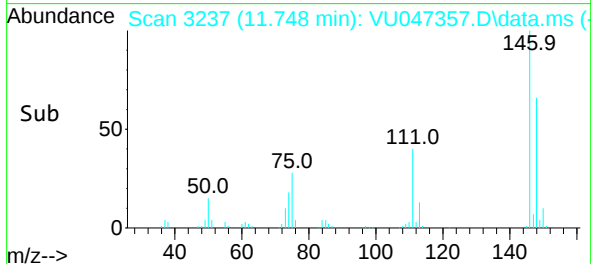
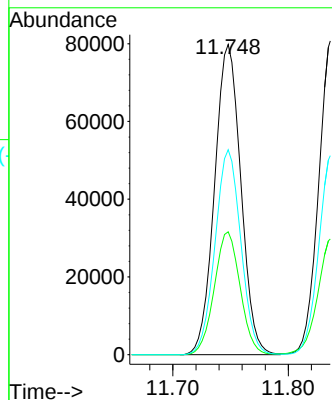
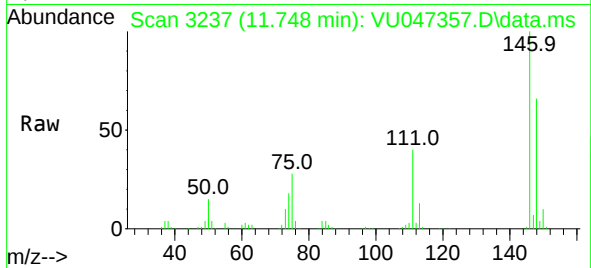




#64
1,3-Dichlorobenzene
Concen: 5.163 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047357.D
Acq: 07 Mar 2022 10:37

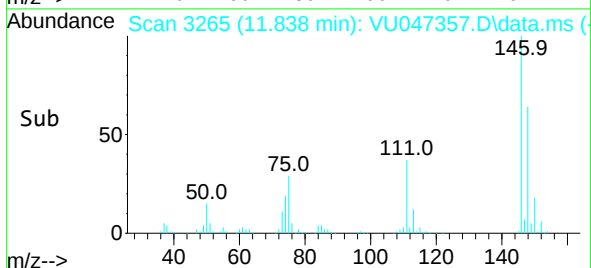
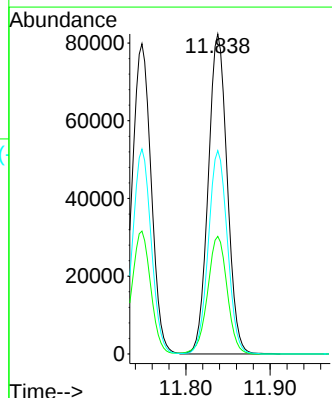
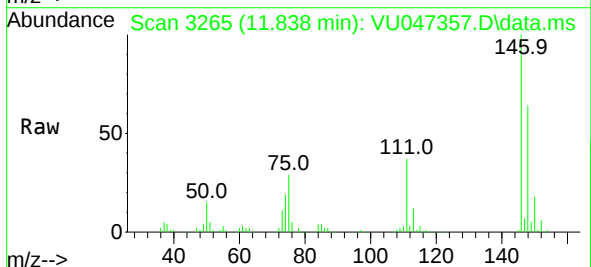
Instrument :
MSVOA_U
ClientSampleId :
VSTD005086

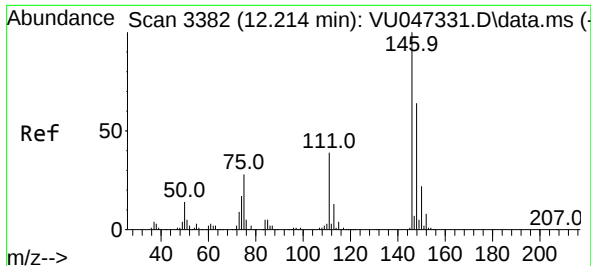
Tgt Ion:146 Resp: 125882
Ion Ratio Lower Upper
146 100
111 39.6 29.9 55.5
148 66.1 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.165 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU047357.D
Acq: 07 Mar 2022 10:37

Tgt Ion:146 Resp: 129015
Ion Ratio Lower Upper
146 100
111 36.8 28.7 53.3
148 63.6 45.8 85.0

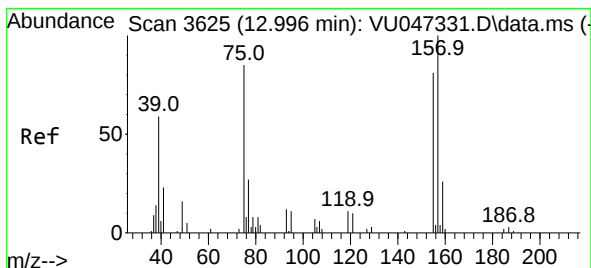
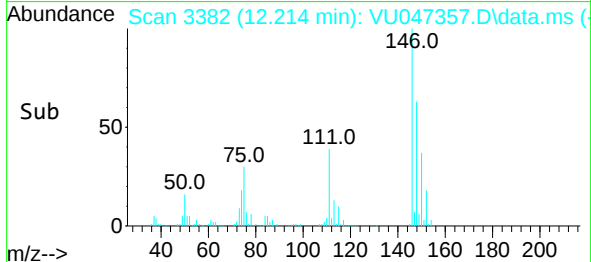
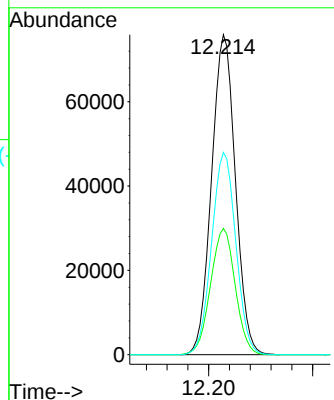
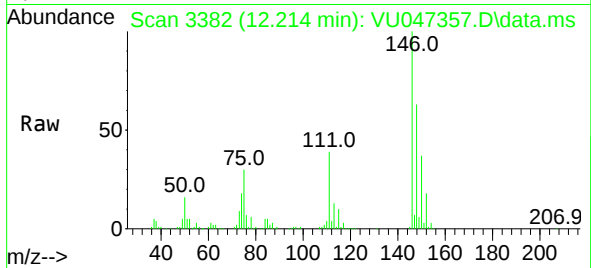




#67
1,2-Dichlorobenzene
Concen: 5.019 ug/L
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU047357.D
Acq: 07 Mar 2022 10:37

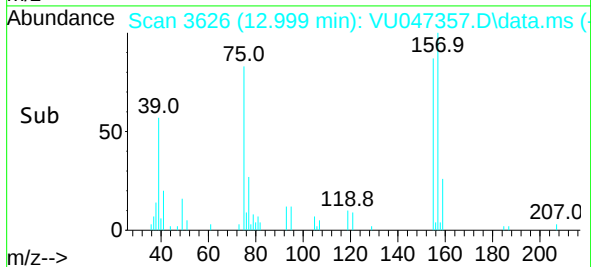
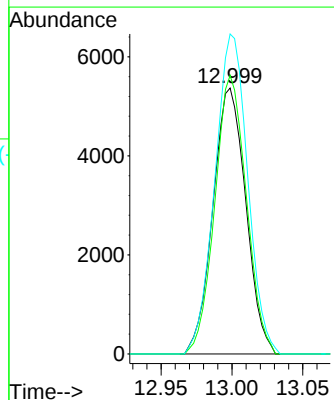
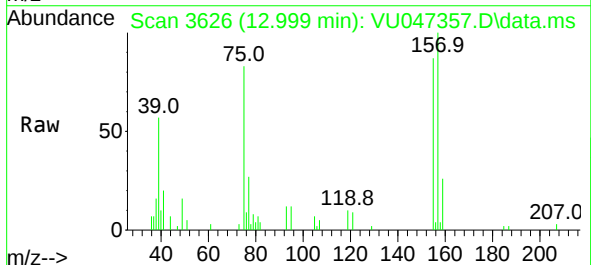
Instrument :
MSVOA_U
ClientSampleId :
VSTD005086

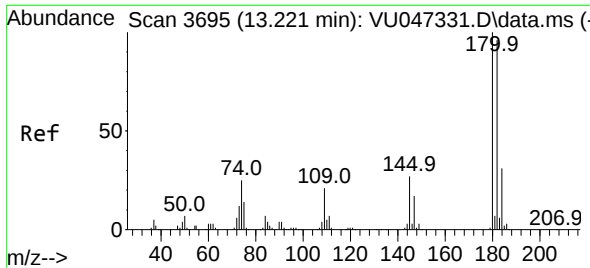
Tgt Ion:146 Resp: 121007
Ion Ratio Lower Upper
146 100
111 39.5 35.4 53.0
148 63.2 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 4.503 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU047357.D
Acq: 07 Mar 2022 10:37

Tgt Ion: 75 Resp: 8676
Ion Ratio Lower Upper
75 100
155 104.8 59.2 88.8#
157 120.3 76.5 114.7#



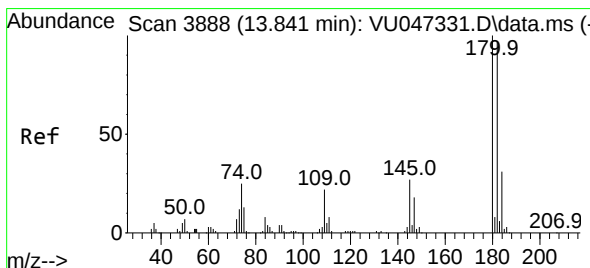
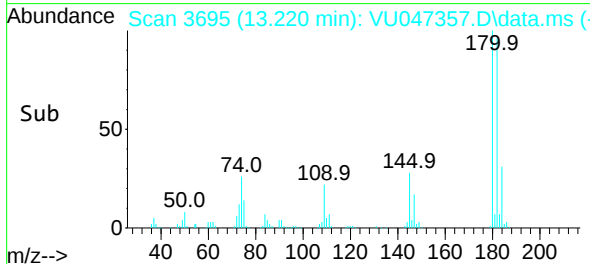
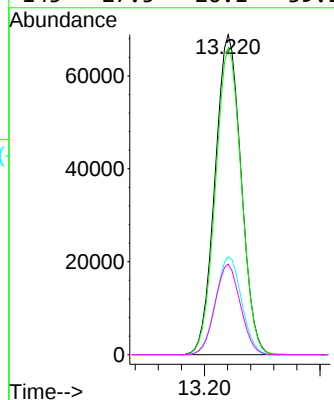
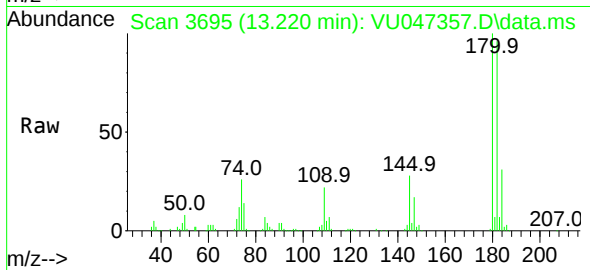


#69
 1,3,5-Trichlorobenzene
 Concen: 5.308 ug/L
 RT: 13.220 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU047357.D
 Acq: 07 Mar 2022 10:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005086

Tgt Ion:180 Resp: 107900

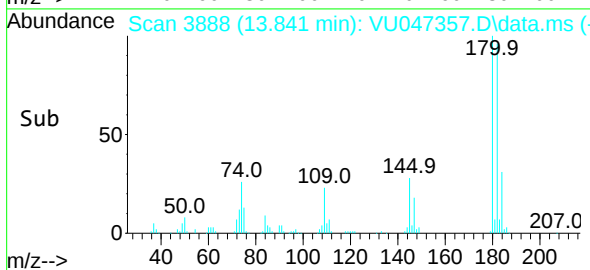
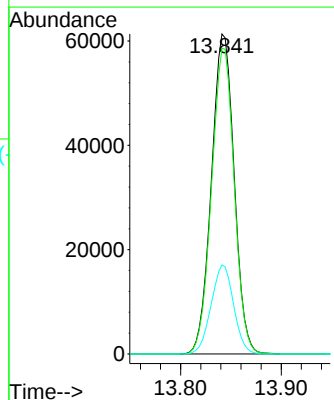
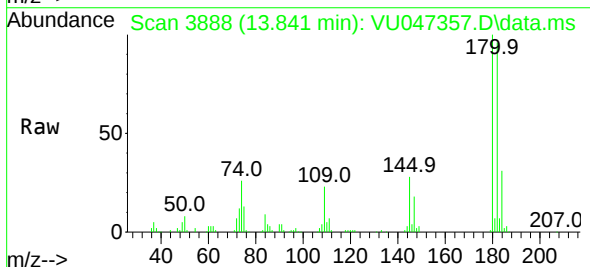
Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.1	114.1
184	30.4	25.0	37.4
145	27.5	26.1	39.1

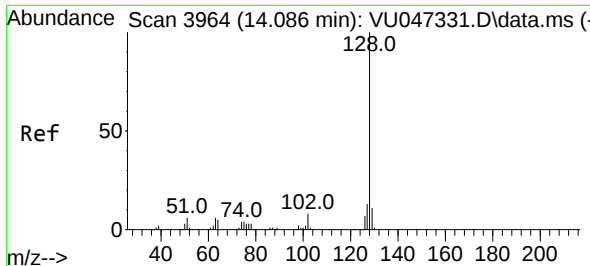


#70
 1,2,4-trichlorobenzene
 Concen: 5.210 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047357.D
 Acq: 07 Mar 2022 10:37

Tgt Ion:180 Resp: 96254

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.4	114.6
145	27.5	25.6	38.4

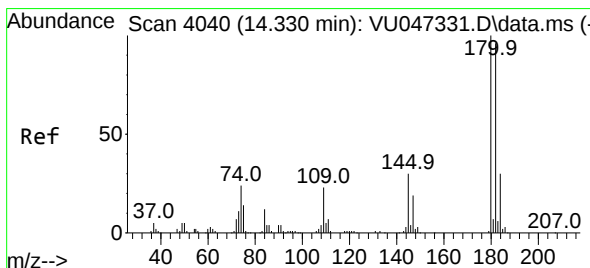
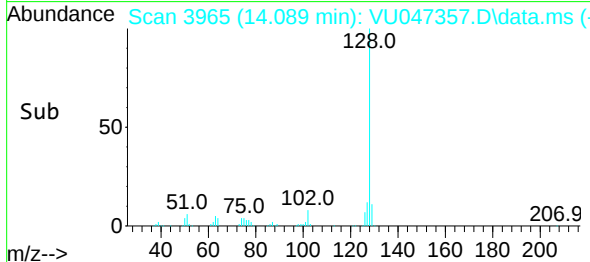
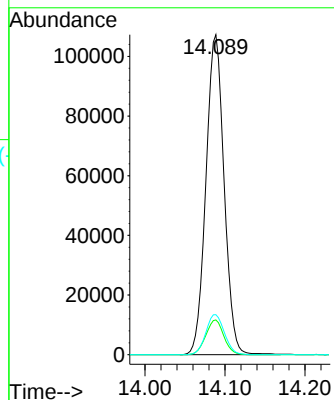
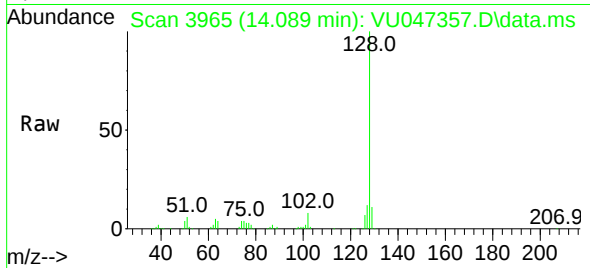




#71
Naphthalene
Concen: 4.596 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU047357.D
Acq: 07 Mar 2022 10:37

Instrument :
MSVOA_U
ClientSampleId :
VSTD005086

Tgt Ion:128 Resp: 169272
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 12.8 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.067 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047357.D
Acq: 07 Mar 2022 10:37

Tgt Ion:180 Resp: 87139
Ion Ratio Lower Upper
180 100
182 95.8 76.2 114.4
145 29.3 28.4 42.6

