

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U030822\
 Data File : U047381.D
 Acq On : 08 Mar 2022 10:02
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005088

Quant Time: Mar 09 01:57:07 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	170680	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	165149	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	92345	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	42527	3.511	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.200%
7) Chloroethane-d5	1.919	69	43128	4.268	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.571	65	18195	3.556	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	4.642	46	181844	45.724	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.440%
24) Chloroform-d	5.070	84	106811	4.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.706	65	58955	4.693	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.732	84	197468	4.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.693	67	67845	4.683	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.899	98	172602	3.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	8.182	79	28689	4.507	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.636	63	180284	49.760	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.520%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	70231	4.759	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	80064	4.424	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	61507	5.716	ug/L	99
3) Chloromethane	1.526	50	59758	5.022	ug/L	100
5) Vinyl chloride	1.607	62	59756	5.280	ug/L	98
6) Bromomethane	1.864	94	34005	5.548	ug/L	97
8) Chloroethane	1.941	64	36169	5.525	ug/L	99
9) Trichlorofluoromethane	2.144	101	78905	5.609	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	47992	5.844	ug/L	91
12) 1,1-Dichloroethene	2.588	96	45951	5.493	ug/L #	72
13) Acetone	2.658	43	67781	42.222	ug/L	99
14) Carbon disulfide	2.800	76	145380	5.391	ug/L	99
15) Methyl Acetate	2.964	43	18350	4.989	ug/L	93
16) Methylene chloride	3.054	84	55250	5.673	ug/L	90
17) Methyl tert-butyl Ether	3.369	73	116890	5.218	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	49323	5.429	ug/L	89
19) 1,1-Dichloroethane	3.877	63	82802	5.474	ug/L	99
21) 2-Butanone	4.723	43	127839	41.891	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	53893	5.449	ug/L	96
23) Bromochloromethane	4.980	128	26392	5.343	ug/L	85
25) Chloroform	5.092	83	89282	5.395	ug/L	96

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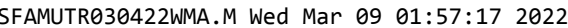
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 ClientSampleId :
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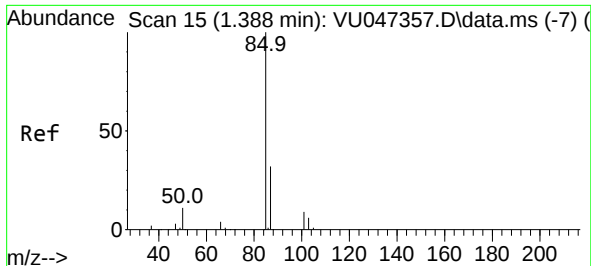
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	57110	5.123	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	76704	5.531	ug/L	98
30) Cyclohexane	5.391	56	74950	5.523	ug/L	93
31) Carbon tetrachloride	5.530	117	67379	5.627	ug/L	99
33) Benzene	5.777	78	199310	5.348	ug/L	100
34) Trichloroethene	6.546	95	53520	5.463	ug/L	92
35) Methylcyclohexane	6.767	83	87062	5.796	ug/L	96
37) 1,2-Dichloropropane	6.793	63	49176	5.320	ug/L	99
38) Bromodichloromethane	7.108	83	65187	5.374	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	77026	5.248	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	335364	48.101	ug/L	97
42) Toluene	7.970	91	218878	5.418	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	69307	5.329	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	41513	5.194	ug/L	98
47) Tetrachloroethene	8.555	164	46065	5.520	ug/L	93
48) 2-Hexanone	8.687	43	255178	49.071	ug/L	100
49) Dibromochloromethane	8.812	129	49437	5.256	ug/L	97
50) 1,2-Dibromoethane	8.925	107	42156	5.163	ug/L #	96
51) Chlorobenzene	9.449	112	146226	5.375	ug/L	94
52) Ethylbenzene	9.571	91	238022	5.508	ug/L	98
53) m,p-Xylene	9.697	106	93706	5.456	ug/L	99
54) o-Xylene	10.102	106	89668	5.415	ug/L	100
55) Styrene	10.115	104	153444	5.465	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.783	83	54377	4.915	ug/L	94
59) Bromoform	10.295	173	31693	5.320	ug/L #	99
60) Isopropylbenzene	10.488	105	237238	5.726	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	38694	5.047	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	157043	5.680	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	203480	5.650	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	124928	5.636	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	126191	5.557	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	121321	5.535	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	8983	5.128	ug/L #	76
69) 1,3,5-Trichlorobenzene	13.221	180	107803	5.833	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	94868	5.648	ug/L	98
71) Naphthalene	14.089	128	164281	4.906	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	85254	5.453	ug/L	96

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

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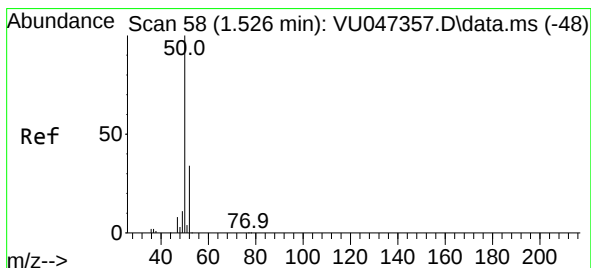
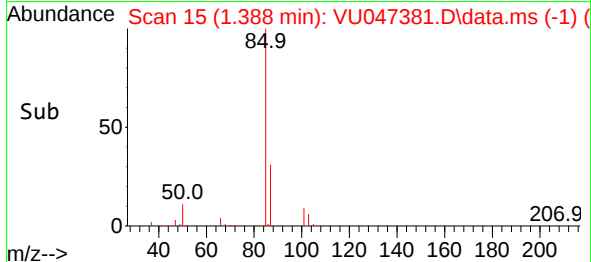
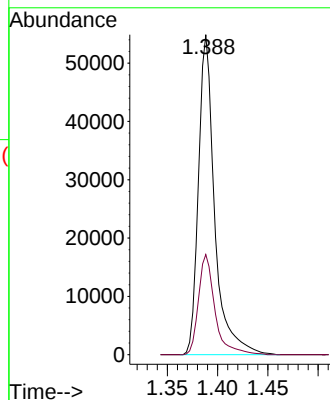
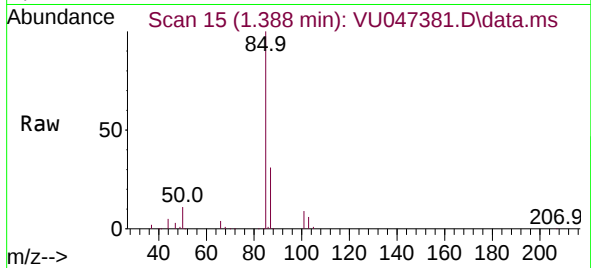




#2
Dichlorodifluoromethane
Concen: 5.716 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU047381.D
Acq: 08 Mar 2022 10:02

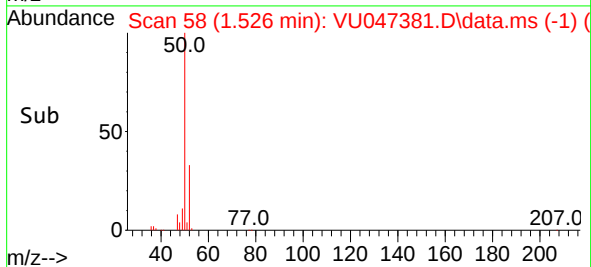
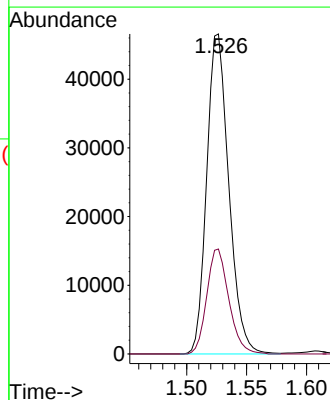
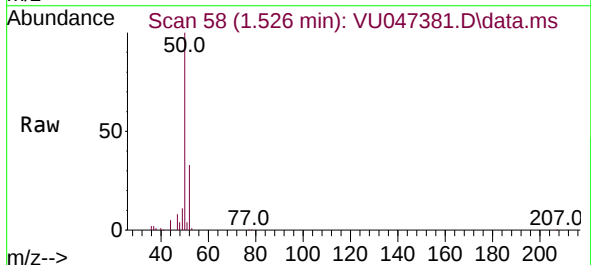
Instrument :
MSVOA_U
ClientSampleId :
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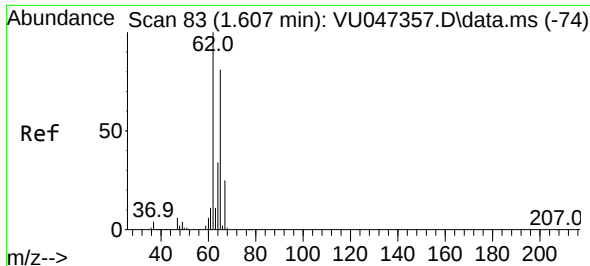
Tgt Ion: 85 Resp: 61507
Ion Ratio Lower Upper
85 100
87 31.9 25.8 38.6



#3
Chloromethane
Concen: 5.022 ug/L
RT: 1.526 min Scan# 58
Delta R.T. -0.000 min
Lab File: VU047381.D
Acq: 08 Mar 2022 10:02

Tgt Ion: 50 Resp: 59758
Ion Ratio Lower Upper
50 100
52 32.8 23.0 42.8

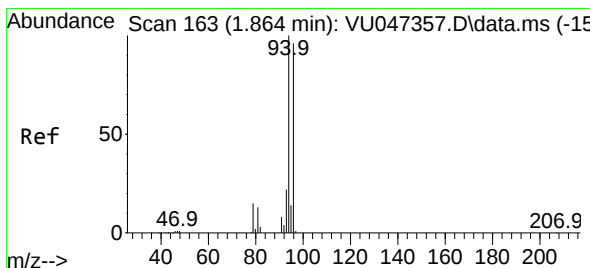
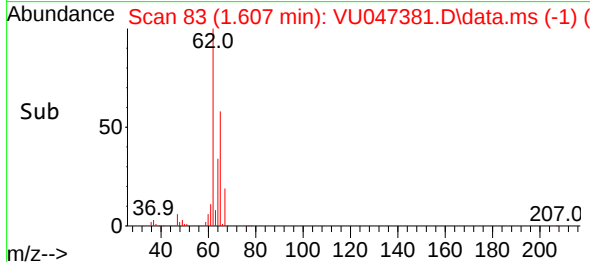
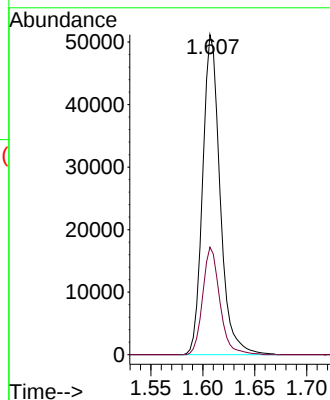
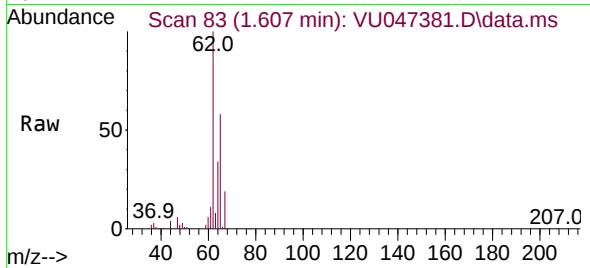




#5
 Vinyl chloride
 Concen: 5.280 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU047381.D
 Acq: 08 Mar 2022 10:02

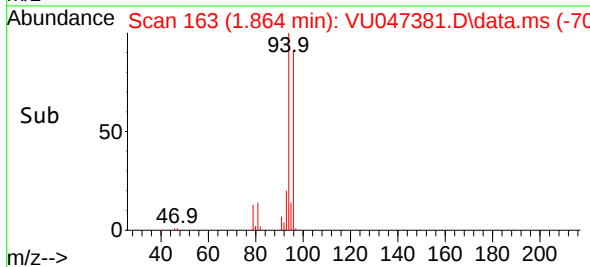
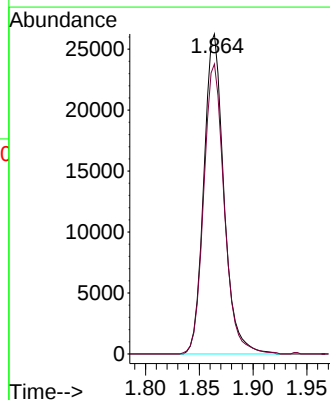
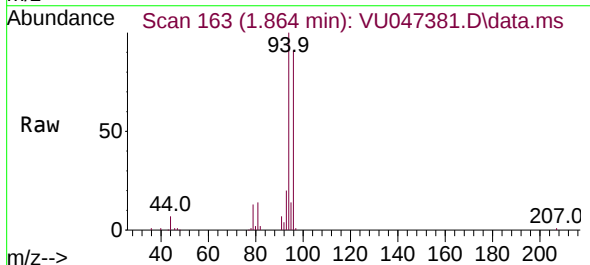
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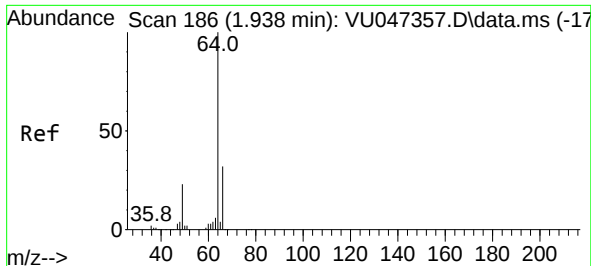
Tgt Ion: 62 Resp: 59756
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.9 42.5



#6
 Bromomethane
 Concen: 5.548 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU047381.D
 Acq: 08 Mar 2022 10:02

Tgt Ion: 94 Resp: 34005
 Ion Ratio Lower Upper
 94 100
 96 90.6 65.5 121.6

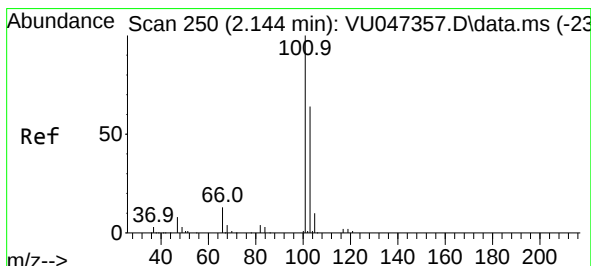
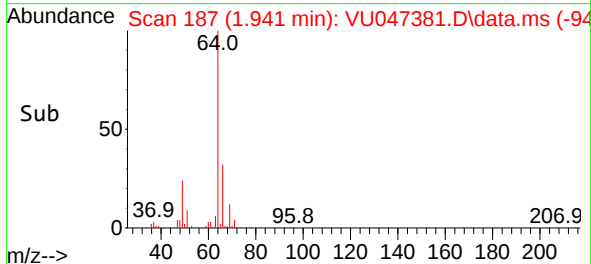
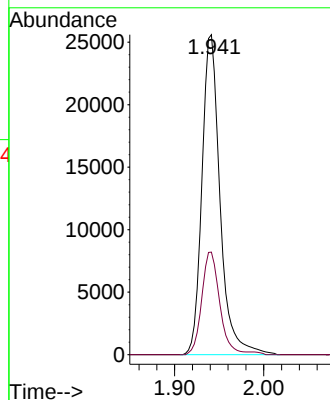
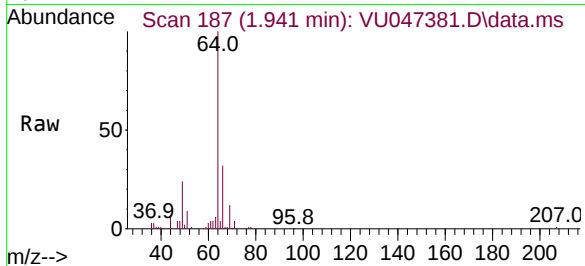




#8
Chloroethane
Concen: 5.525 ug/L
RT: 1.941 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047381.D
Acq: 08 Mar 2022 10:02

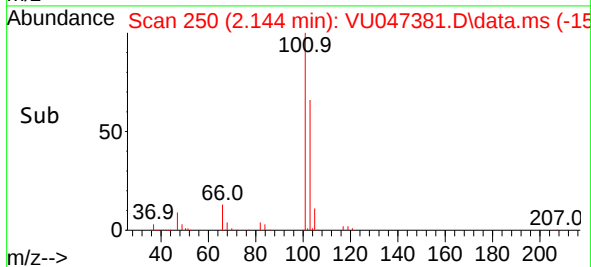
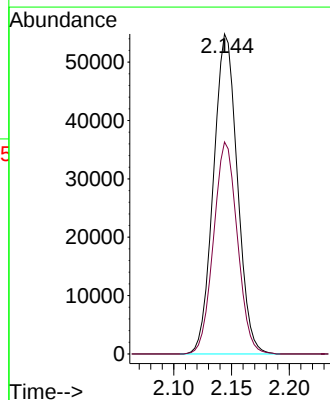
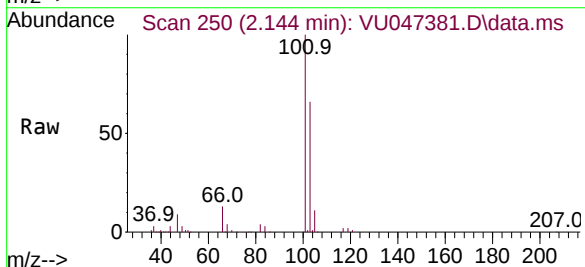
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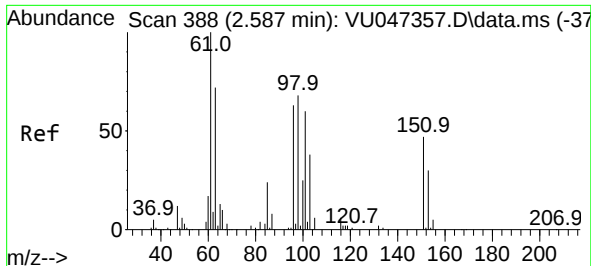
Tgt Ion: 64 Resp: 36169
Ion Ratio Lower Upper
64 100
66 32.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.609 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU047381.D
Acq: 08 Mar 2022 10:02

Tgt Ion:101 Resp: 78905
Ion Ratio Lower Upper
101 100
103 65.9 51.5 77.3

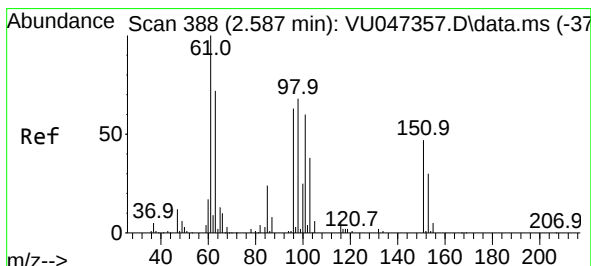
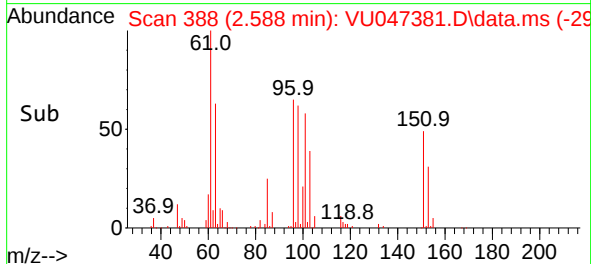
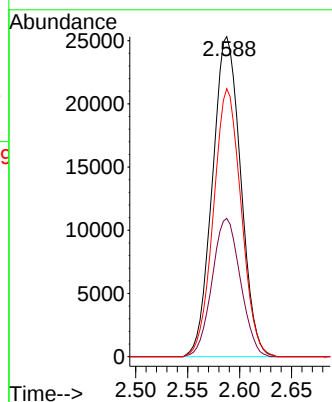
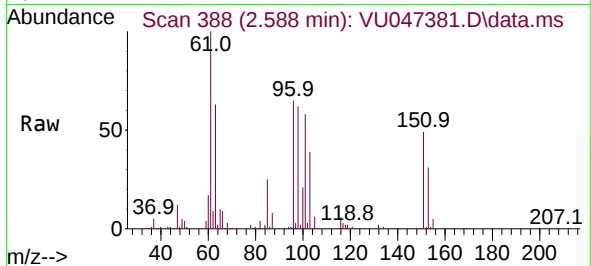




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.844 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047381.D
 Acq: 08 Mar 2022 10:02

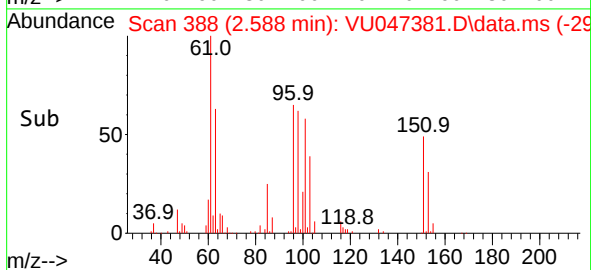
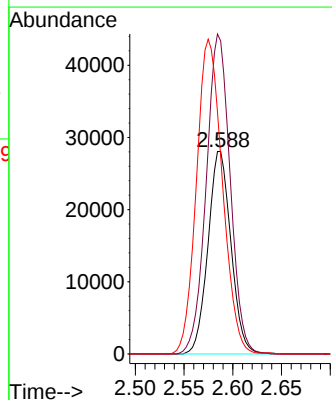
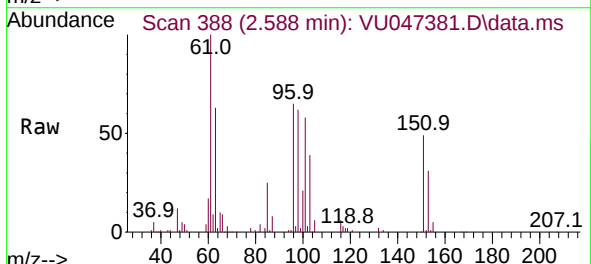
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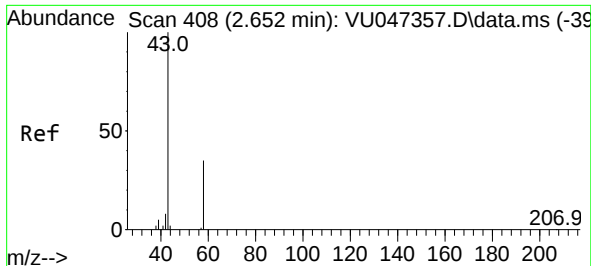
Tgt Ion:101 Resp: 47992
 Ion Ratio Lower Upper
 101 100
 85 43.2 34.6 51.8
 151 81.9 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 5.493 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047381.D
 Acq: 08 Mar 2022 10:02

Tgt Ion: 96 Resp: 45951
 Ion Ratio Lower Upper
 96 100
 61 154.5 124.7 231.5
 63 97.5 105.2 195.4#





#13

Acetone

Concen: 42.222 ug/L

RT: 2.658 min Scan# 410

Delta R.T. -0.003 min

Lab File: VU047381.D

Acq: 08 Mar 2022 10:02

Instrument :

MSVOA_U

ClientSampleId :

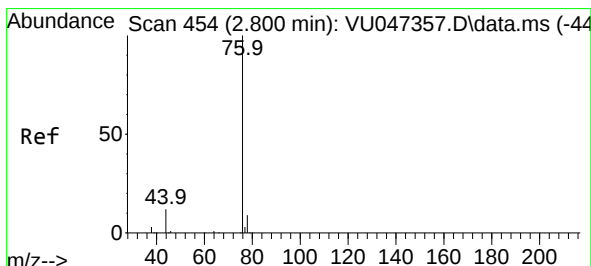
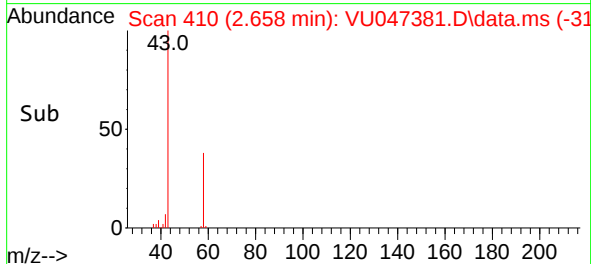
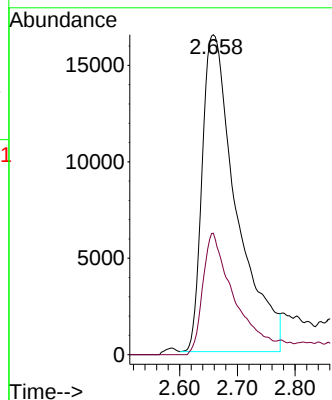
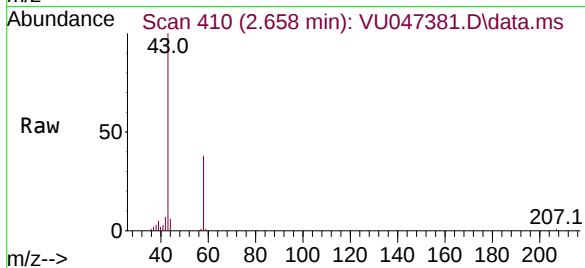
VSTD005088

Tgt Ion: 43 Resp: 67781

Ion Ratio Lower Upper

43 100

58 35.4 0.0 71.6



#14

Carbon disulfide

Concen: 5.391 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU047381.D

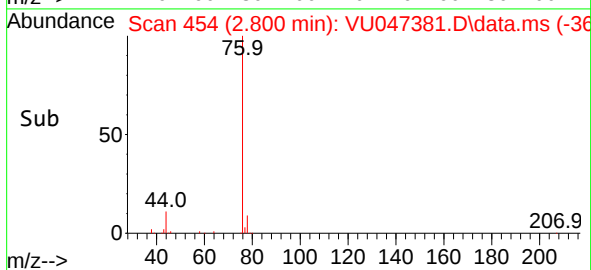
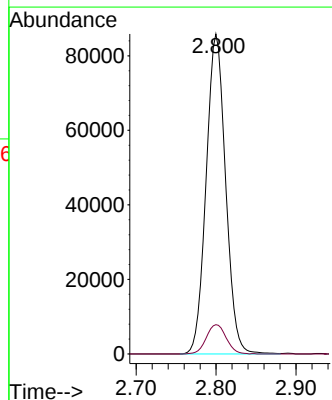
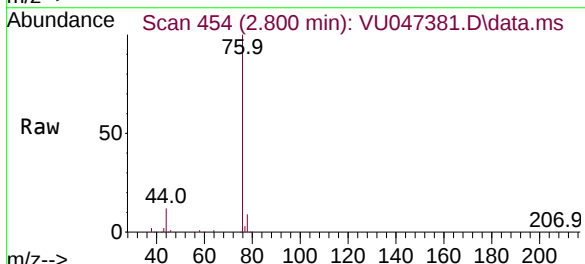
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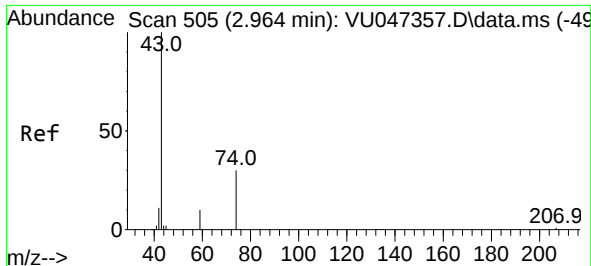
Tgt Ion: 76 Resp: 145380

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

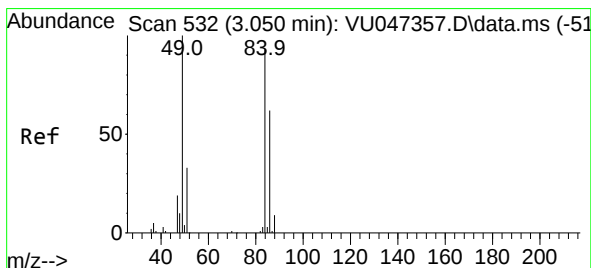
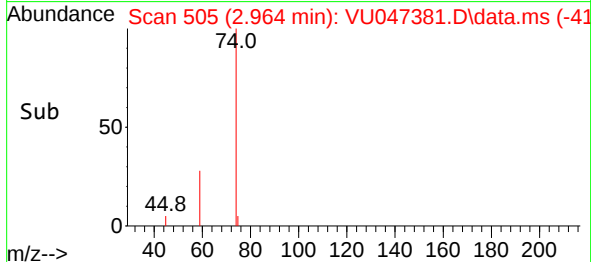
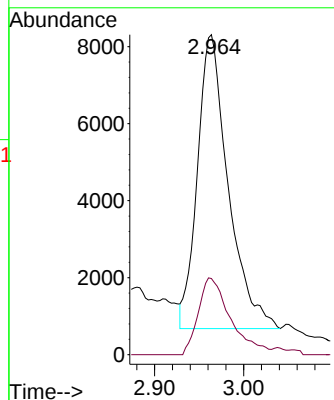
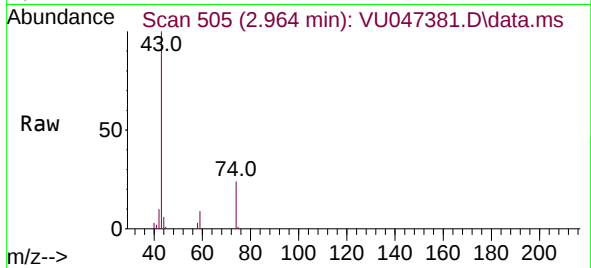




#15
Methyl Acetate
Concen: 4.989 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.003 min
Lab File: VU047381.D
Acq: 08 Mar 2022 10:02

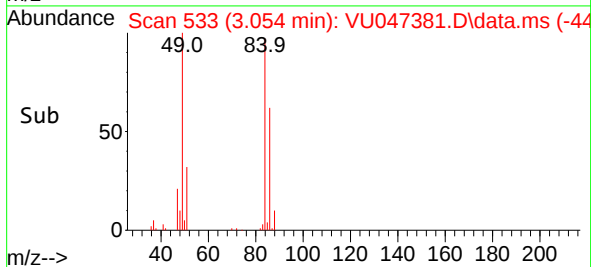
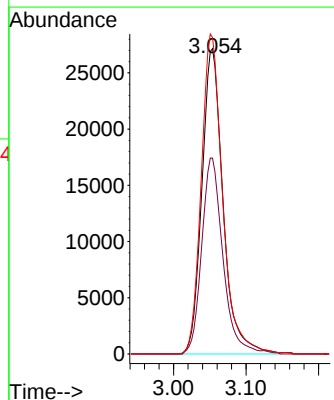
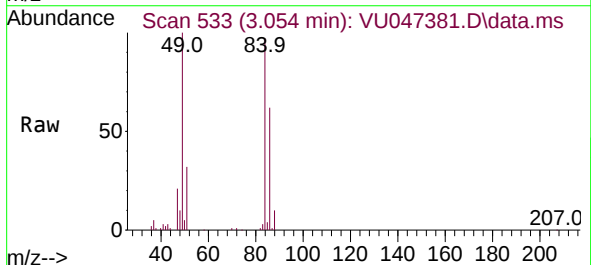
Instrument :
MSVOA_U
ClientSampleId :
VSTD005088

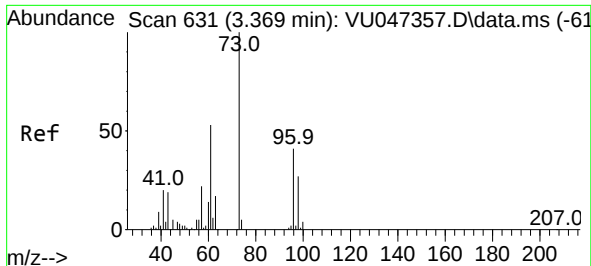
Tgt Ion: 43 Resp: 18350
Ion Ratio Lower Upper
43 100
74 27.4 19.1 28.7



#16
Methylene chloride
Concen: 5.673 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU047381.D
Acq: 08 Mar 2022 10:02

Tgt Ion: 84 Resp: 55250
Ion Ratio Lower Upper
84 100
86 64.1 45.8 85.0
49 103.6 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 5.218 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU047381.D

Acq: 08 Mar 2022 10:02

Instrument :

MSVOA_U

ClientSampleId :

VSTD005088

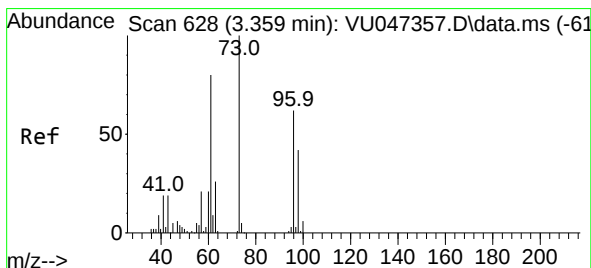
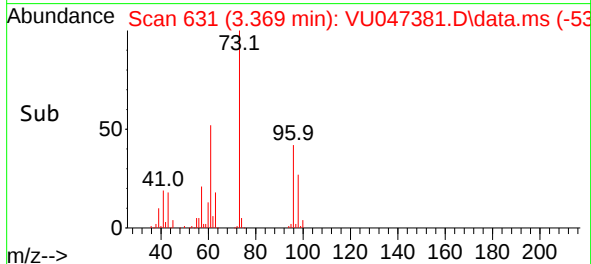
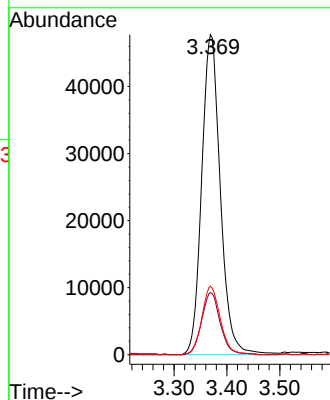
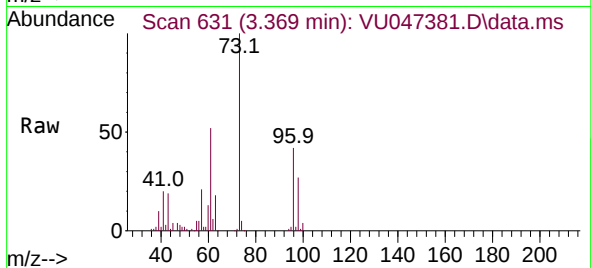
Tgt Ion: 73 Resp: 116890

Ion Ratio Lower Upper

73 100

43 19.4 14.8 22.2

57 21.0 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 5.429 ug/L

RT: 3.362 min Scan# 629

Delta R.T. 0.003 min

Lab File: VU047381.D

Acq: 08 Mar 2022 10:02

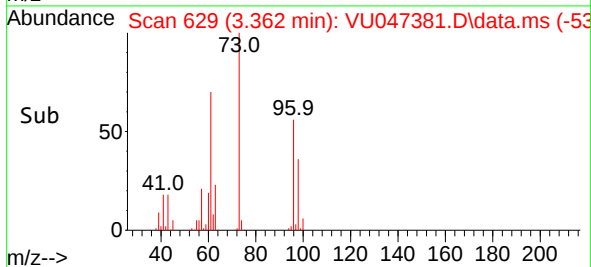
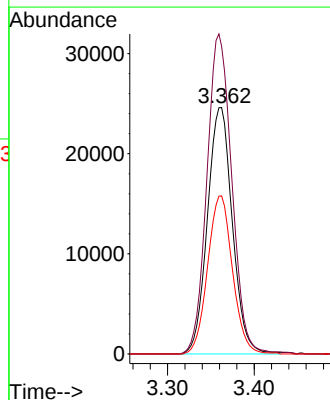
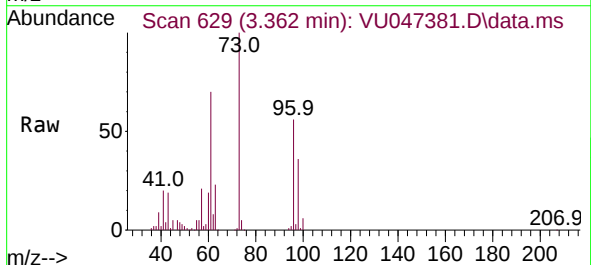
Tgt Ion: 96 Resp: 49323

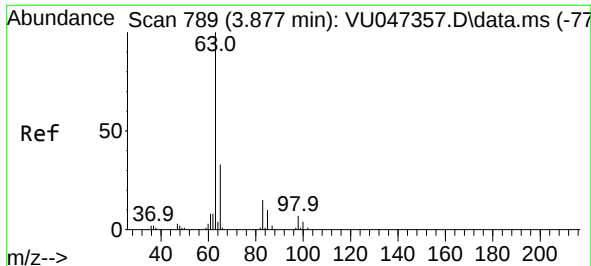
Ion Ratio Lower Upper

96 100

61 124.8 100.8 187.2

98 64.1 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.474 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU047381.D

Acq: 08 Mar 2022 10:02

Instrument :

MSVOA_U

ClientSampleId :

VSTD005088

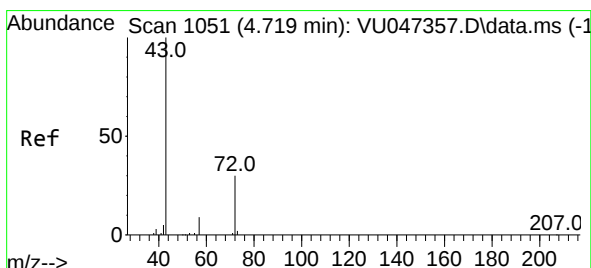
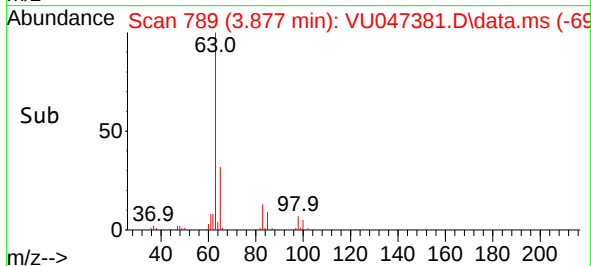
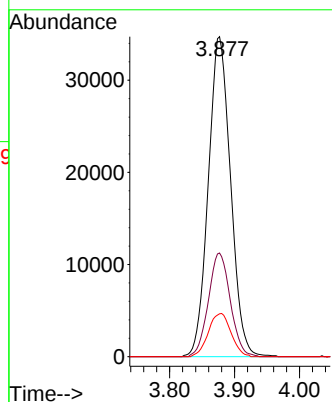
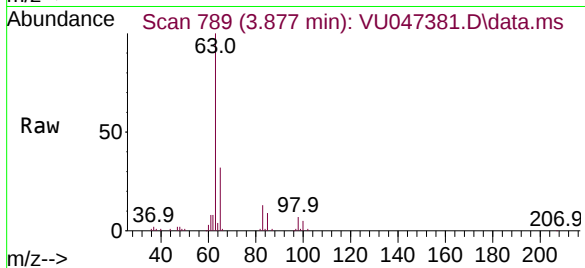
Tgt Ion: 63 Resp: 82802

Ion Ratio Lower Upper

63 100

65 32.4 22.3 41.5

83 13.4 9.6 17.8



#21

2-Butanone

Concen: 41.891 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VU047381.D

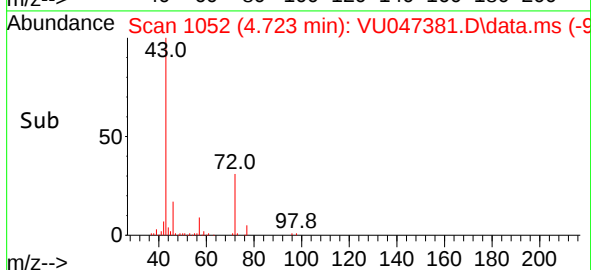
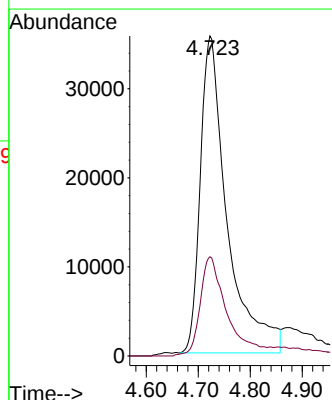
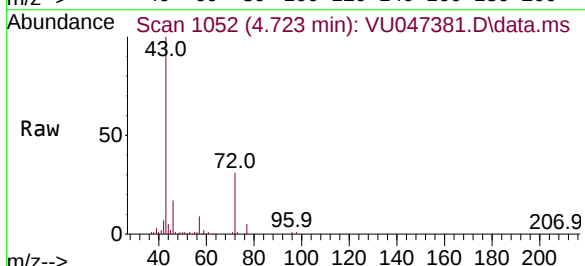
Acq: 08 Mar 2022 10:02

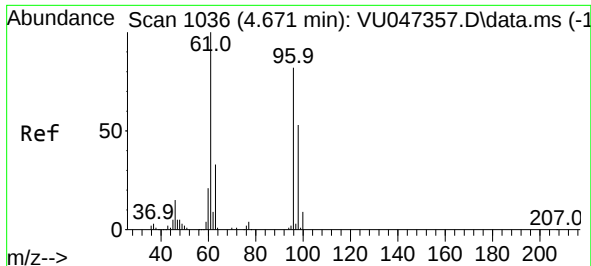
Tgt Ion: 43 Resp: 127839

Ion Ratio Lower Upper

43 100

72 31.0 14.1 42.3



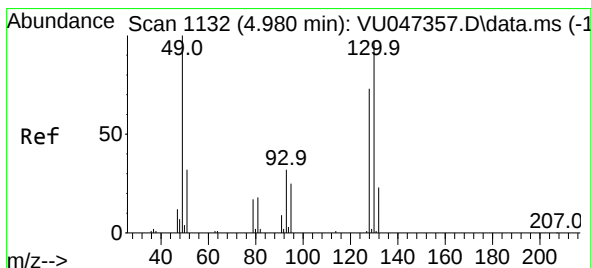
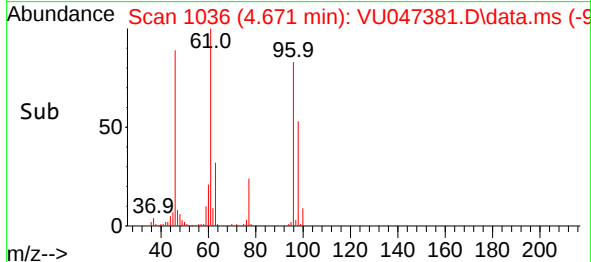
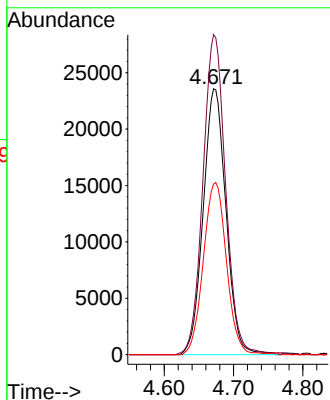
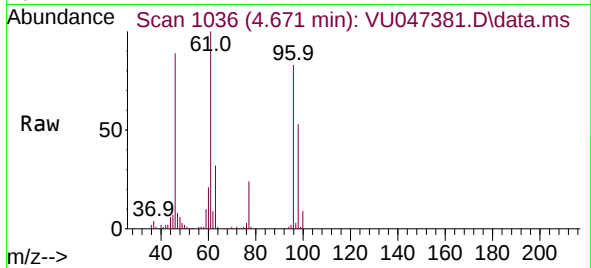


#22
 cis-1,2-Dichloroethene
 Concen: 5.449 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU047381.D
 Acq: 08 Mar 2022 10:02

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005088

Tgt Ion: 96 Resp: 53893

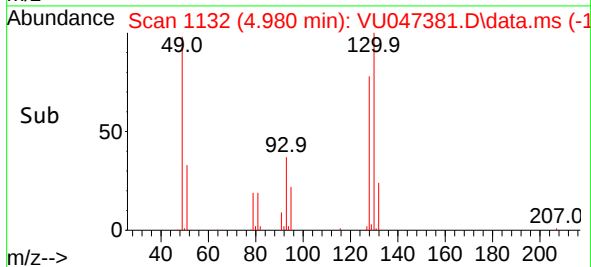
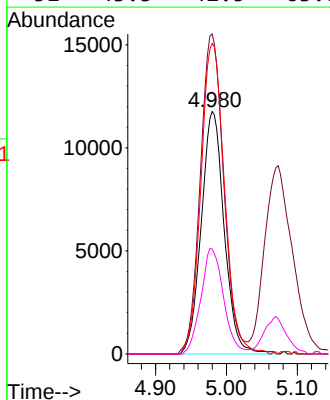
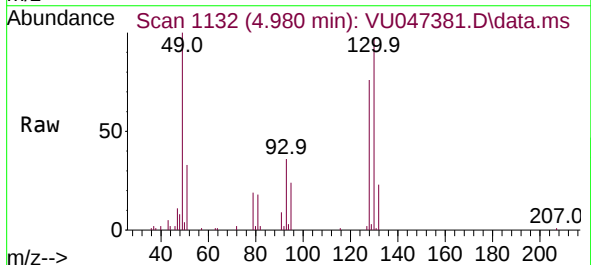
Ion	Ratio	Lower	Upper
96	100		
61	120.3	88.5	164.3
98	64.1	44.4	82.5

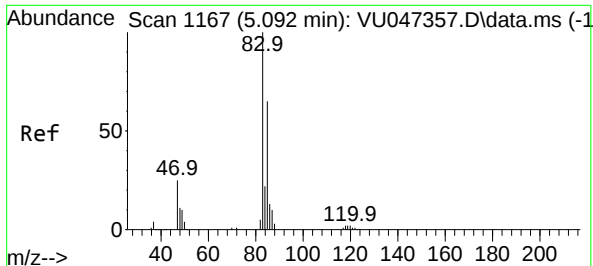


#23
 Bromochloromethane
 Concen: 5.343 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VU047381.D
 Acq: 08 Mar 2022 10:02

Tgt Ion: 128 Resp: 26392

Ion	Ratio	Lower	Upper
128	100		
49	132.0	117.0	217.2
130	128.1	88.2	163.8
51	43.3	42.5	63.7





#25

Chloroform

Concen: 5.395 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047381.D

Acq: 08 Mar 2022 10:02

Instrument :

MSVOA_U

ClientSampleId :

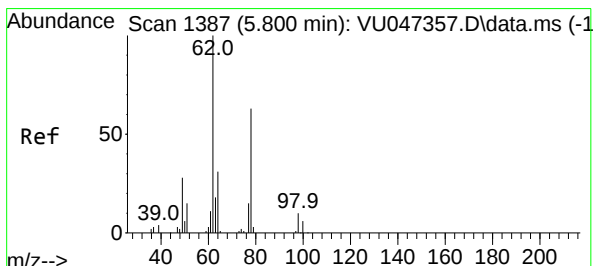
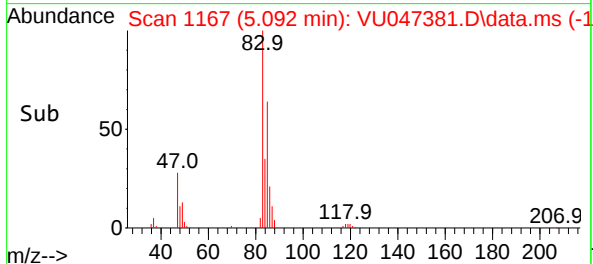
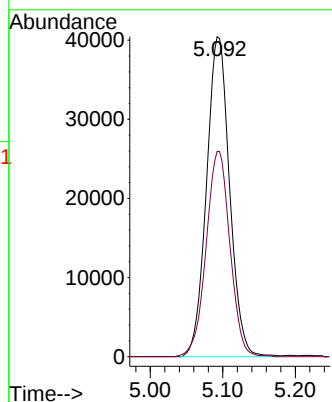
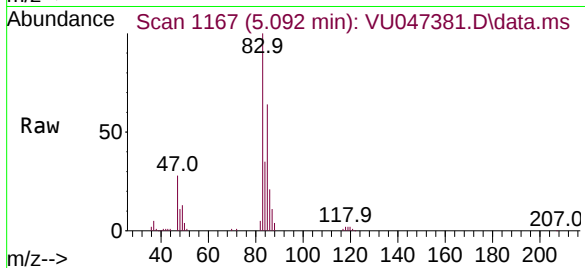
VSTD005088

Tgt Ion: 83 Resp: 89282

Ion Ratio Lower Upper

83 100

85 64.1 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.123 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU047381.D

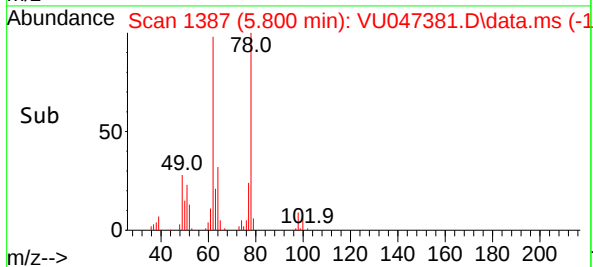
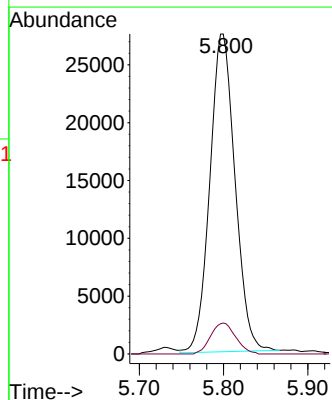
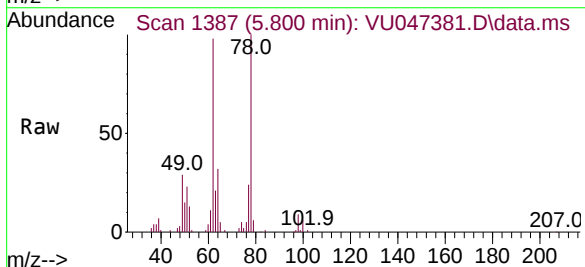
Acq: 08 Mar 2022 10:02

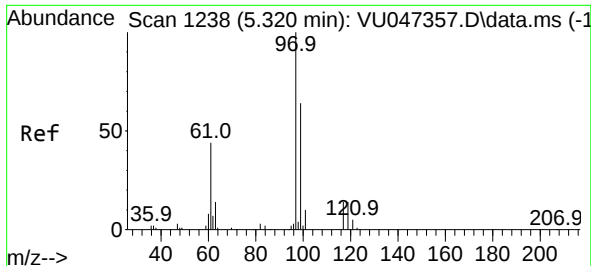
Tgt Ion: 62 Resp: 57110

Ion Ratio Lower Upper

62 100

98 9.6 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.531 ug/L

RT: 5.321 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047381.D

Acq: 08 Mar 2022 10:02

Instrument :

MSVOA_U

ClientSampleId :

VSTD005088

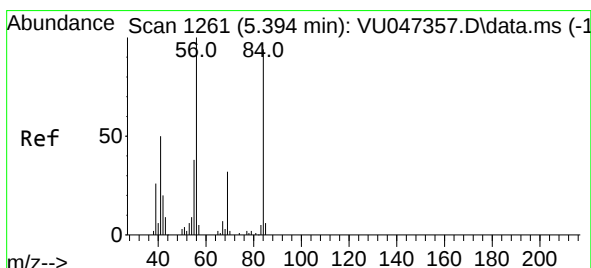
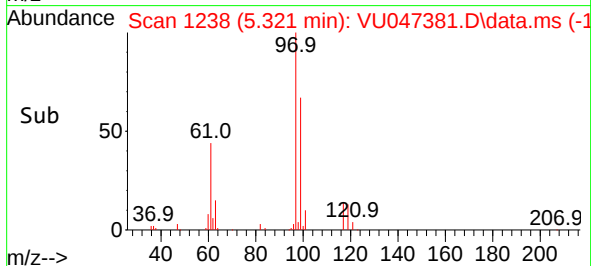
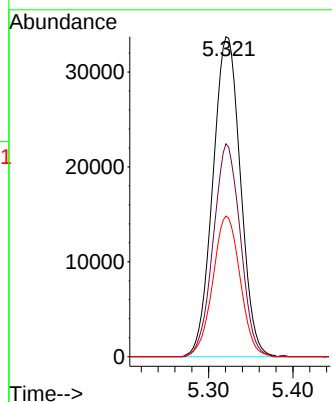
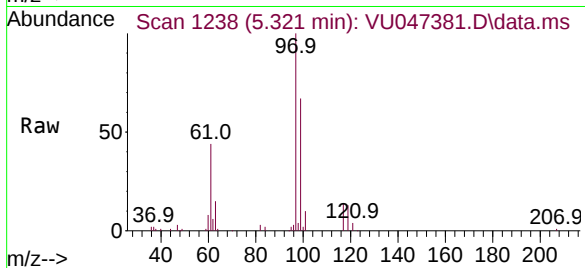
Tgt Ion: 97 Resp: 76704

Ion Ratio Lower Upper

97 100

99 65.2 51.3 76.9

61 43.5 36.1 54.1



#30

Cyclohexane

Concen: 5.523 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU047381.D

Acq: 08 Mar 2022 10:02

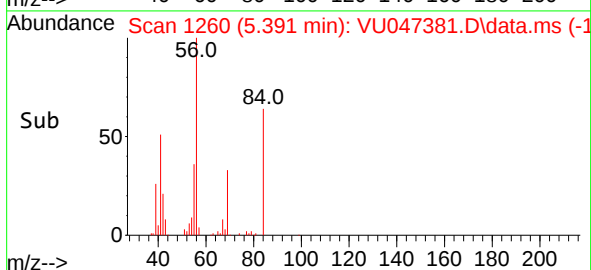
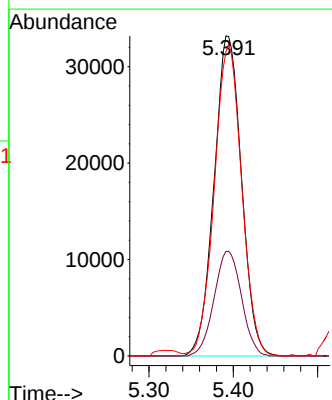
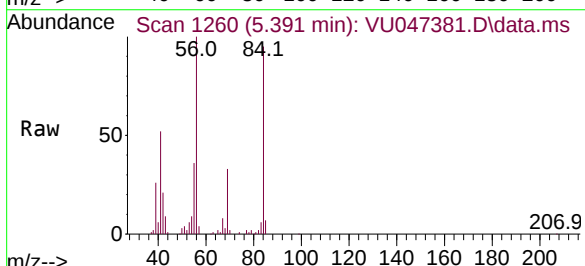
Tgt Ion: 56 Resp: 74950

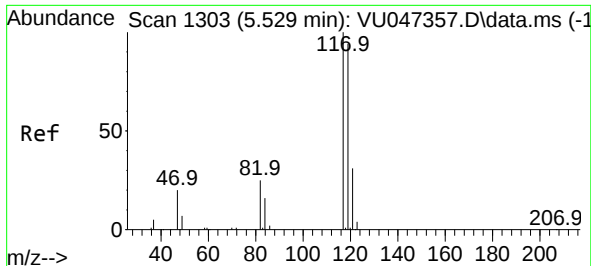
Ion Ratio Lower Upper

56 100

69 32.7 24.7 37.1

84 97.0 71.8 107.6

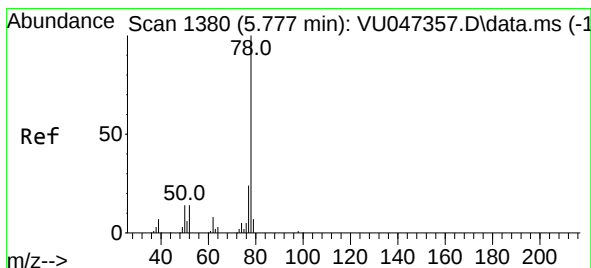
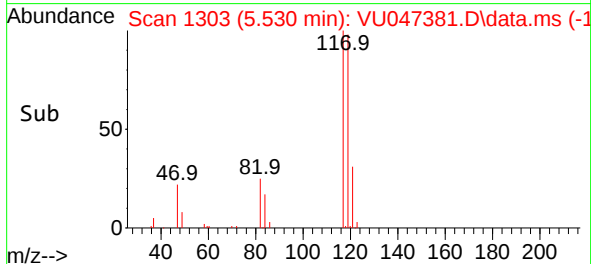
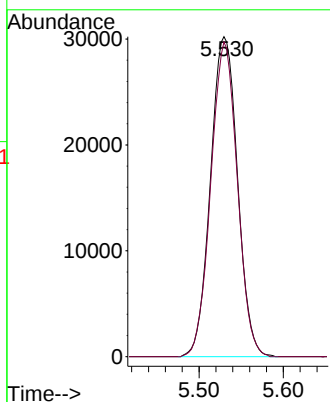
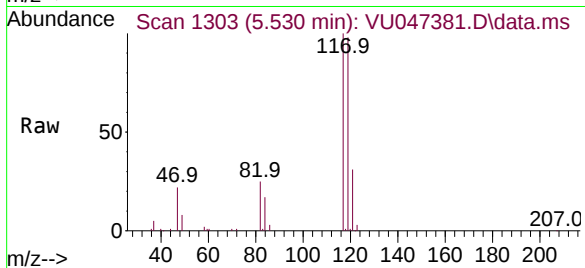




#31
Carbon tetrachloride
Concen: 5.627 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU047381.D
Acq: 08 Mar 2022 10:02

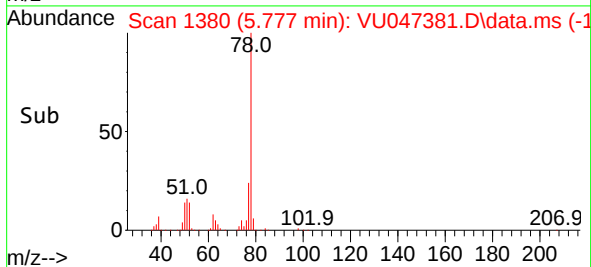
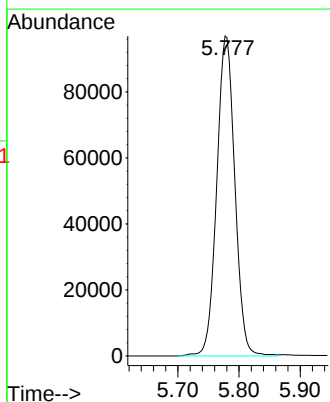
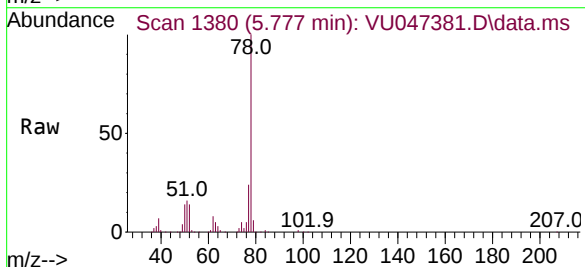
Instrument : MSVOA_U
ClientSampleId : VSTD005088

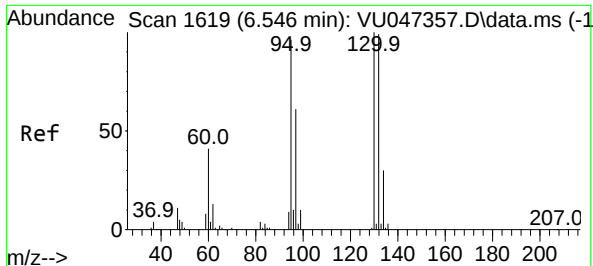
Tgt Ion:117 Resp: 67379
Ion Ratio Lower Upper
117 100
119 96.1 77.5 116.3



#33
Benzene
Concen: 5.348 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047381.D
Acq: 08 Mar 2022 10:02

Tgt Ion: 78 Resp: 199310





#34

Trichloroethene

Concen: 5.463 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU047381.D

Acq: 08 Mar 2022 10:02

Instrument :

MSVOA_U

ClientSampleId :

VSTD005088

Tgt Ion: 95 Resp: 53520

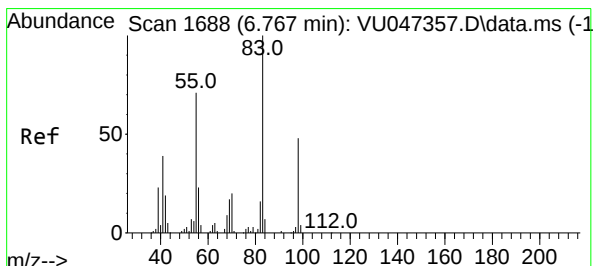
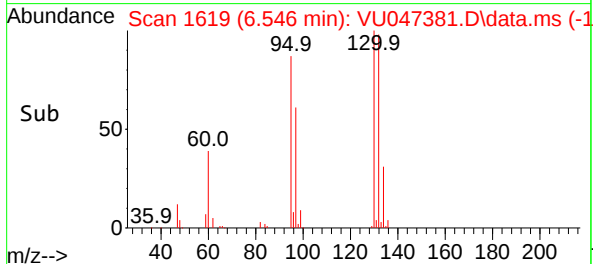
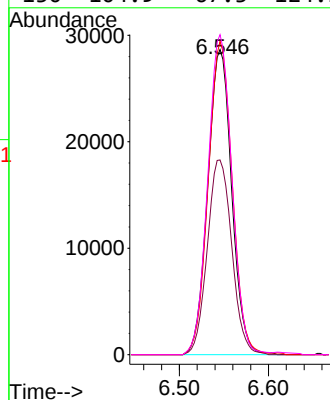
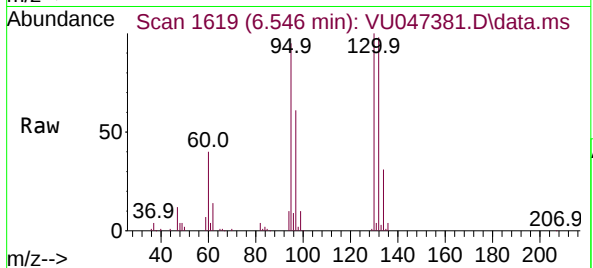
Ion Ratio Lower Upper

95 100

97 63.8 46.5 86.5

132 102.7 65.1 120.9

130 104.9 67.3 124.9



#35

Methylcyclohexane

Concen: 5.796 ug/L

RT: 6.767 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VU047381.D

Acq: 08 Mar 2022 10:02

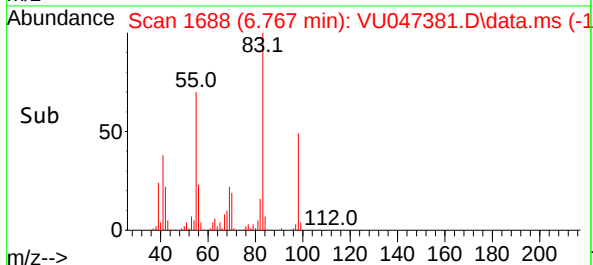
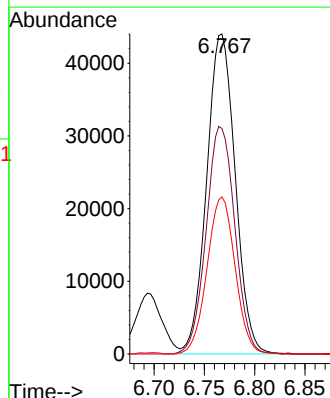
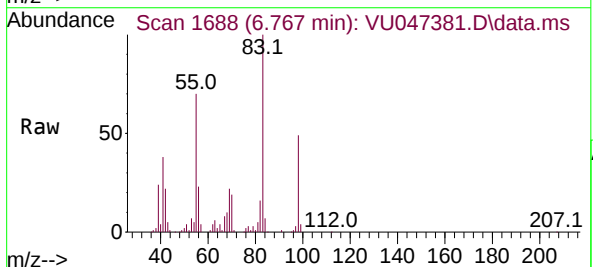
Tgt Ion: 83 Resp: 87062

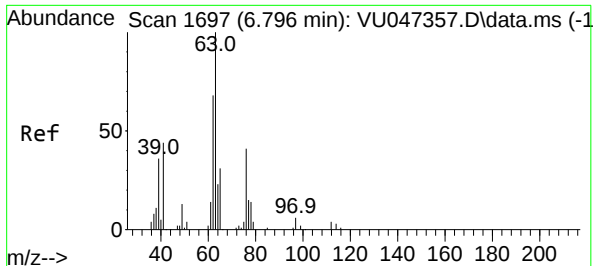
Ion Ratio Lower Upper

83 100

55 71.6 61.9 92.9

98 48.2 39.0 58.6





#37

1,2-Dichloropropane

Concen: 5.320 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047381.D

Acq: 08 Mar 2022 10:02

Instrument :

MSVOA_U

ClientSampleId :

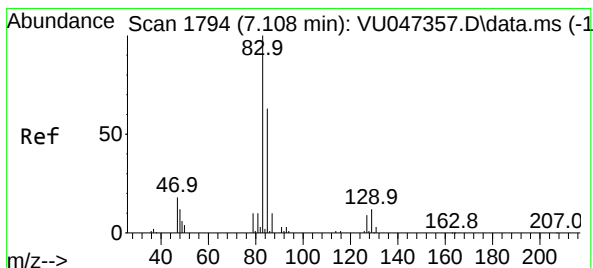
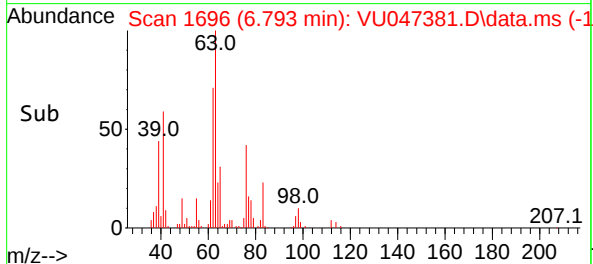
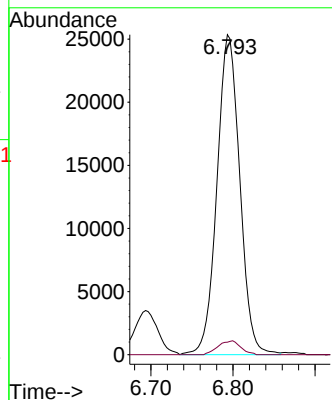
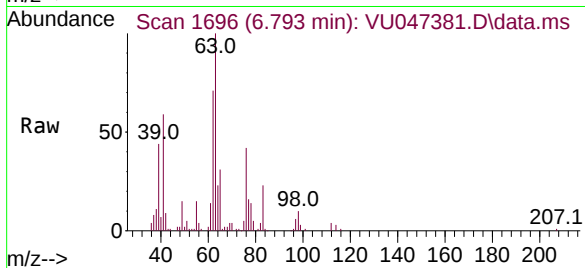
VSTD005088

Tgt Ion: 63 Resp: 49176

Ion Ratio Lower Upper

63 100

112 4.3 3.2 4.8



#38

Bromodichloromethane

Concen: 5.374 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047381.D

Acq: 08 Mar 2022 10:02

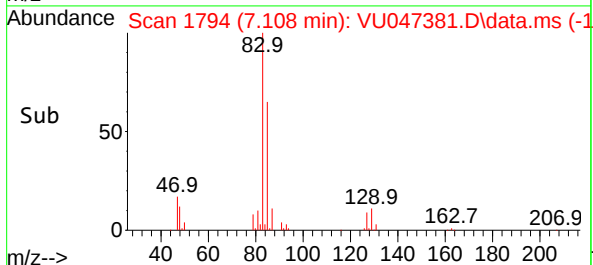
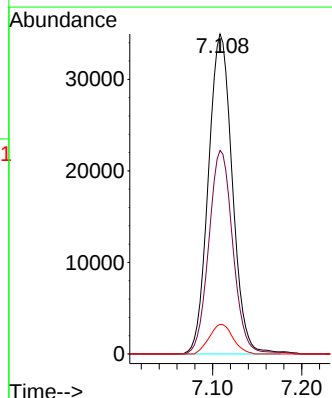
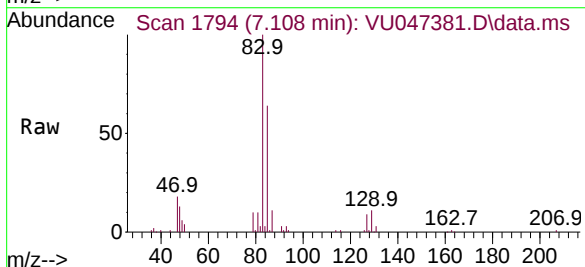
Tgt Ion: 83 Resp: 65187

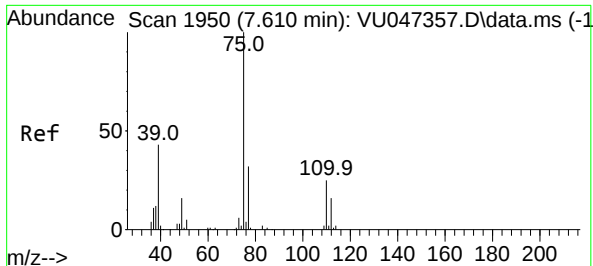
Ion Ratio Lower Upper

83 100

85 63.6 44.0 81.8

127 9.2 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.248 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047381.D

Acq: 08 Mar 2022 10:02

Instrument :

MSVOA_U

ClientSampleId :

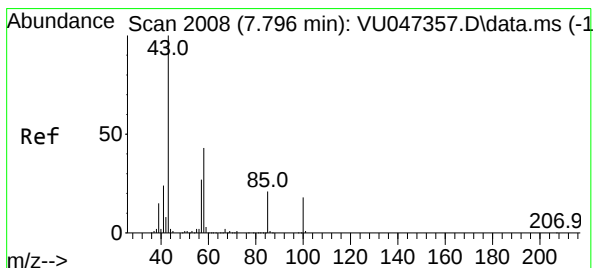
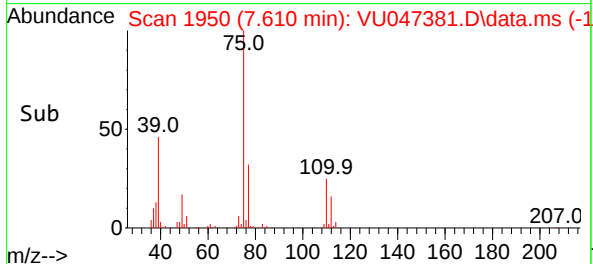
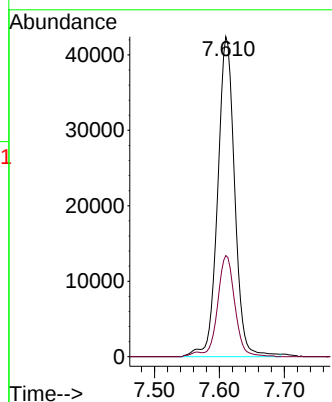
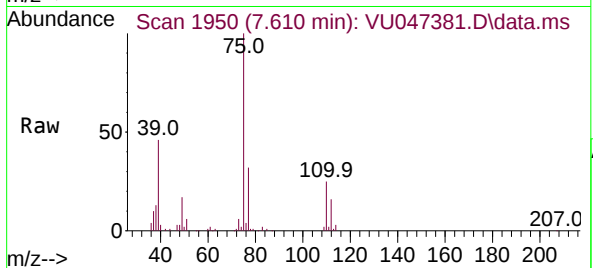
VSTD005088

Tgt Ion: 75 Resp: 77026

Ion Ratio Lower Upper

75 100

77 31.6 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 48.101 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU047381.D

Acq: 08 Mar 2022 10:02

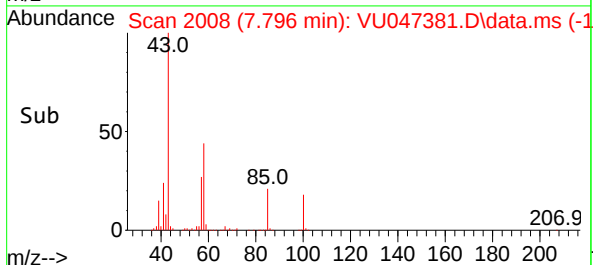
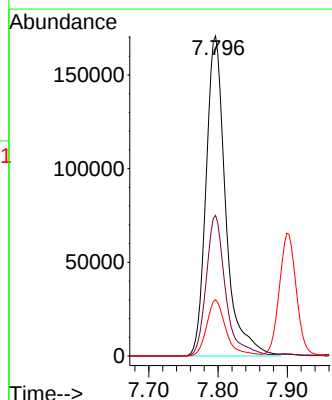
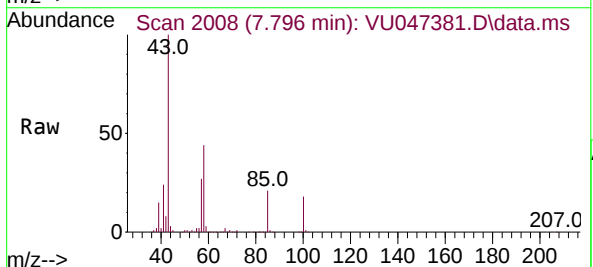
Tgt Ion: 43 Resp: 335364

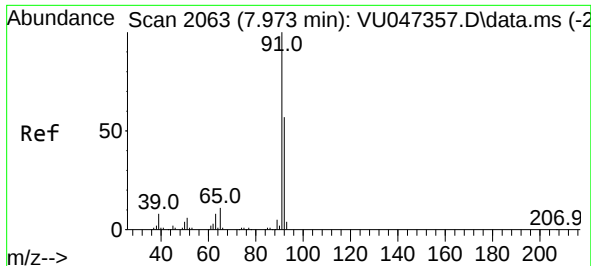
Ion Ratio Lower Upper

43 100

58 43.4 33.1 49.7

100 17.3 13.2 19.8





#42

Toluene

Concen: 5.418 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU047381.D

Acq: 08 Mar 2022 10:02

Instrument :

MSVOA_U

ClientSampleId :

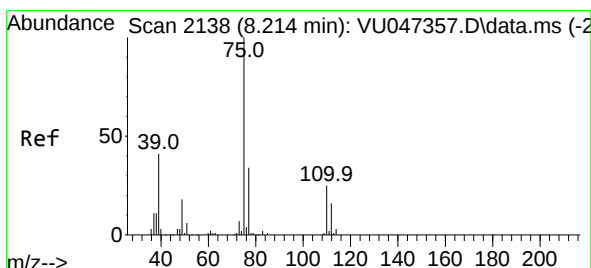
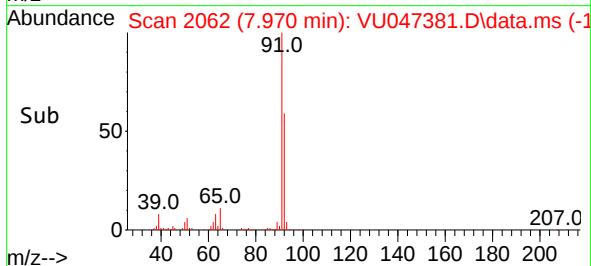
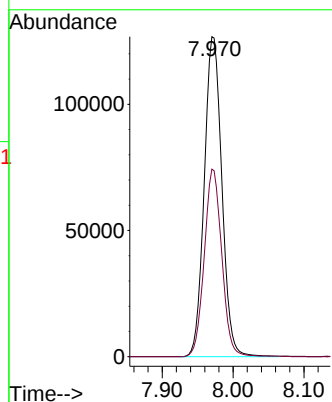
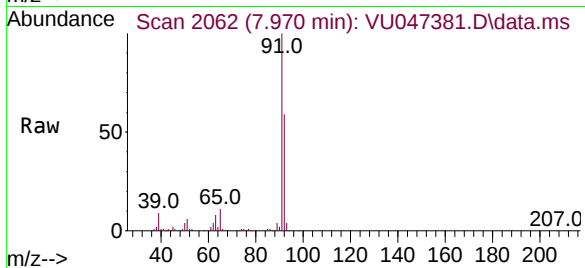
VSTD005088

Tgt Ion: 91 Resp: 218878

Ion Ratio Lower Upper

91 100

92 58.6 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.329 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. -0.000 min

Lab File: VU047381.D

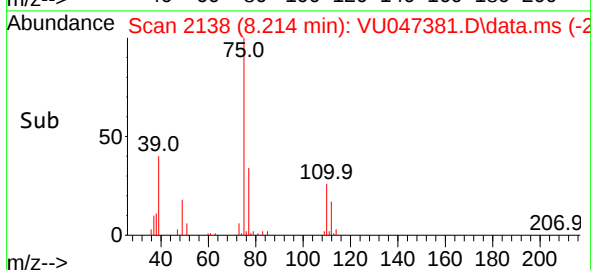
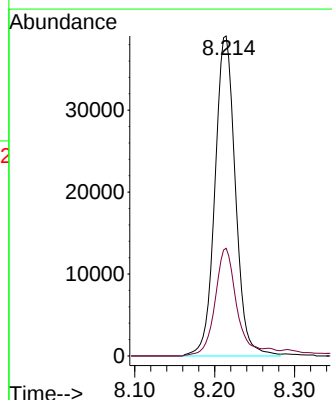
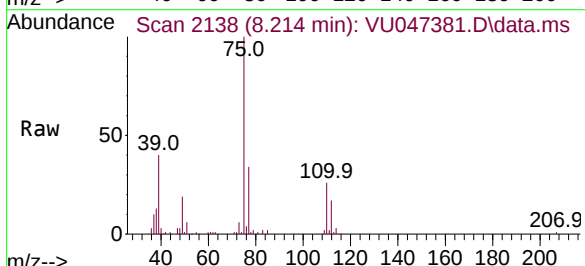
Acq: 08 Mar 2022 10:02

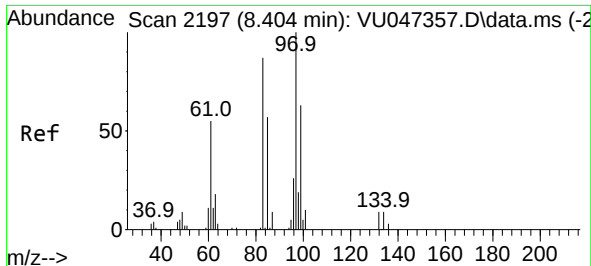
Tgt Ion: 75 Resp: 69307

Ion Ratio Lower Upper

75 100

77 33.6 22.7 42.3

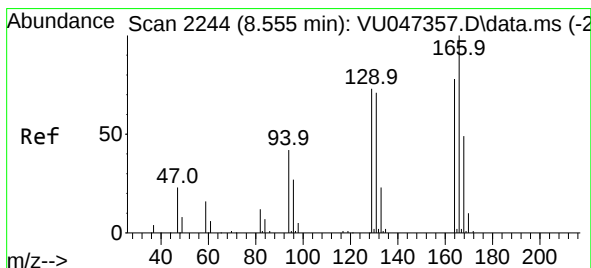
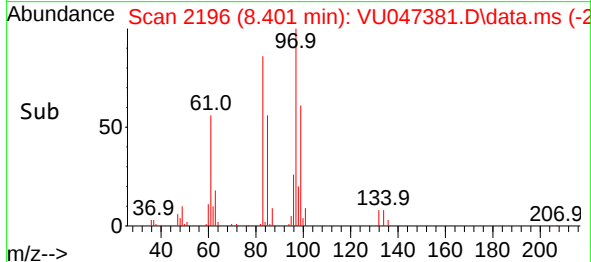
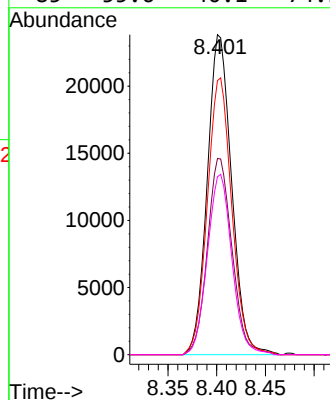
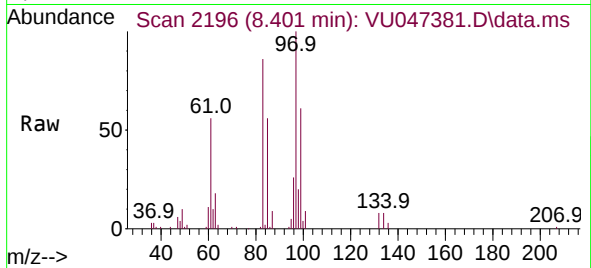




#45
1,1,2-Trichloroethane
Concen: 5.194 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU047381.D
Acq: 08 Mar 2022 10:02

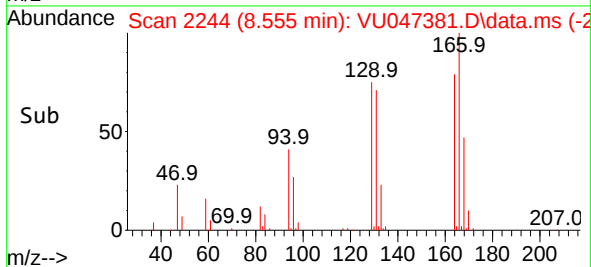
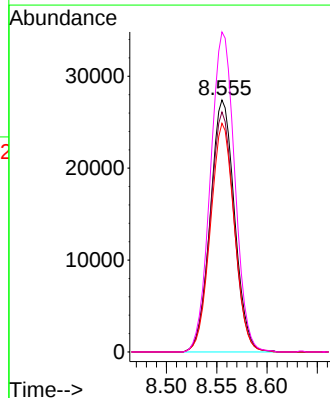
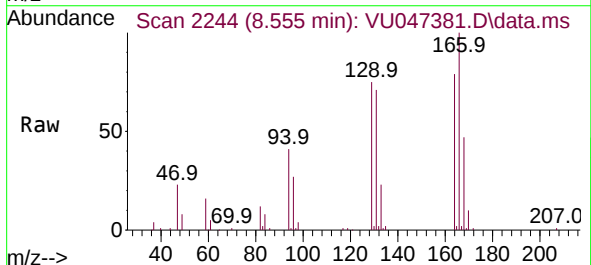
Instrument :
MSVOA_U
ClientSampleId :
VSTD005088

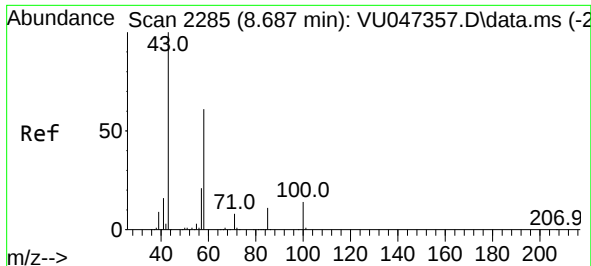
Tgt Ion:	97	Resp:	41513
Ion	Ratio	Lower	Upper
97	100		
99	61.3	42.3	78.5
83	85.6	62.0	115.2
85	55.6	40.1	74.5



#47
Tetrachloroethene
Concen: 5.520 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047381.D
Acq: 08 Mar 2022 10:02

Tgt Ion:	164	Resp:	46065
Ion	Ratio	Lower	Upper
164	100		
129	95.3	71.8	133.4
131	90.8	68.5	127.3
166	127.0	94.1	174.8

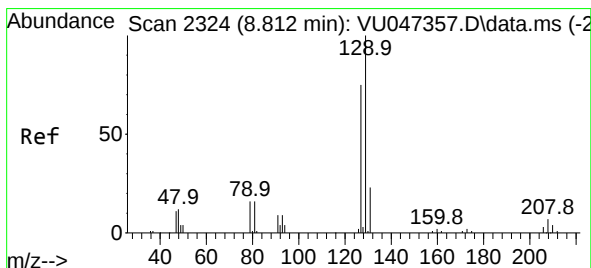
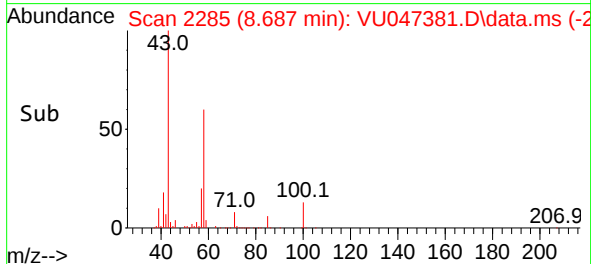
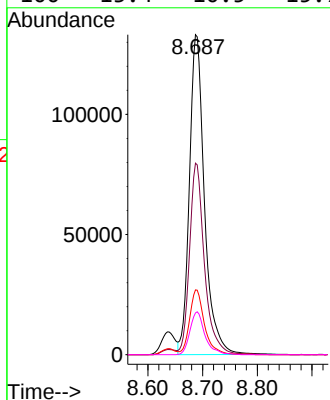
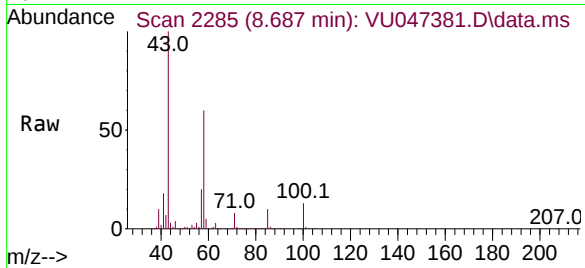




#48
2-Hexanone
Concen: 49.071 ug/L
RT: 8.687 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU047381.D
Acq: 08 Mar 2022 10:02

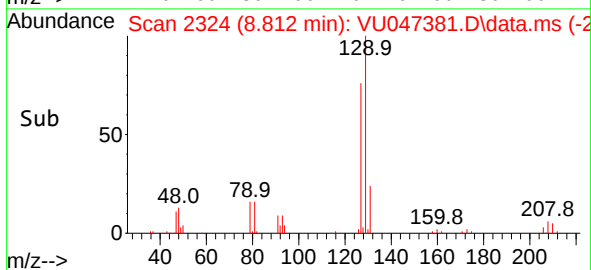
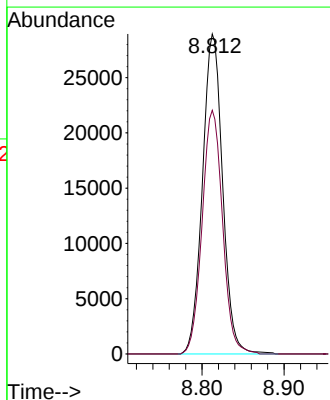
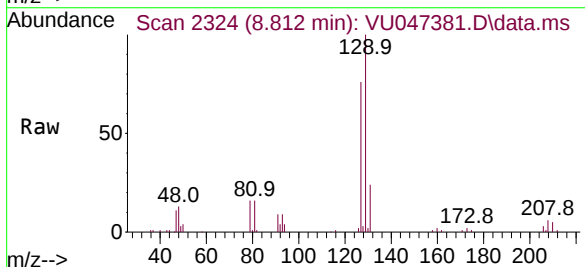
Instrument :
MSVOA_U
ClientSampleId :
VSTD005088

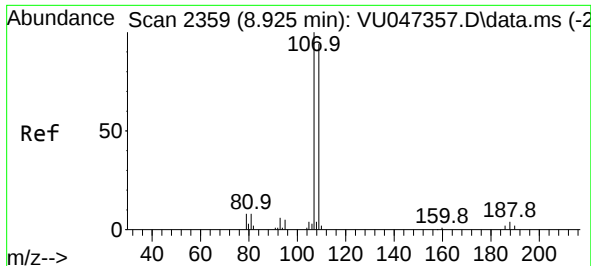
Tgt Ion: 43 Resp: 255178
Ion Ratio Lower Upper
43 100
58 58.5 46.7 70.1
57 19.8 16.3 24.5
100 13.4 10.5 15.7



#49
Dibromochloromethane
Concen: 5.256 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047381.D
Acq: 08 Mar 2022 10:02

Tgt Ion: 129 Resp: 49437
Ion Ratio Lower Upper
129 100
127 76.2 55.4 102.8





#50

1,2-Dibromoethane

Concen: 5.163 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047381.D

Acq: 08 Mar 2022 10:02

Instrument :

MSVOA_U

ClientSampleId :

VSTD005088

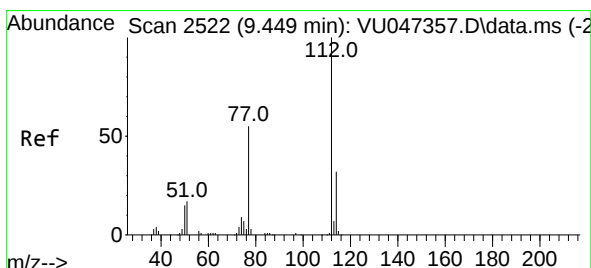
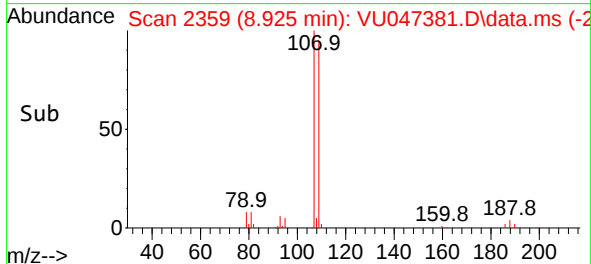
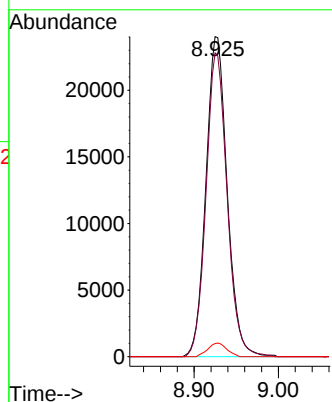
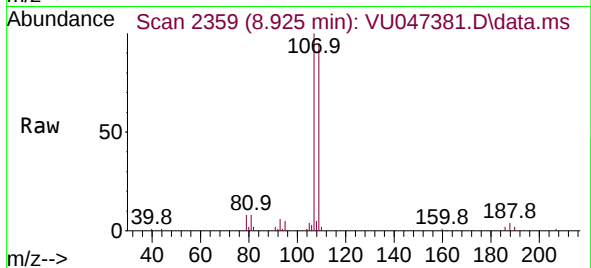
Tgt Ion:107 Resp: 42156

Ion Ratio Lower Upper

107 100

109 95.0 64.0 119.0

188 4.1 2.4 3.6#



#51

Chlorobenzene

Concen: 5.375 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU047381.D

Acq: 08 Mar 2022 10:02

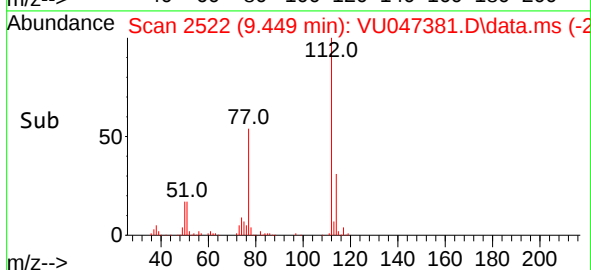
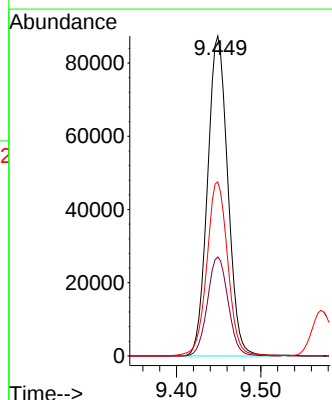
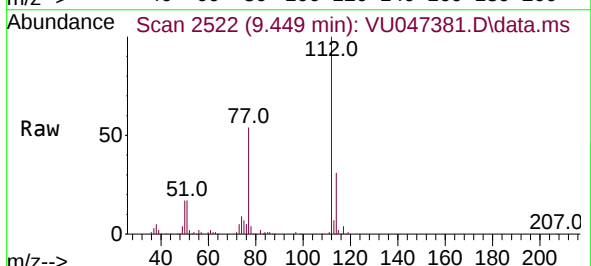
Tgt Ion:112 Resp: 146226

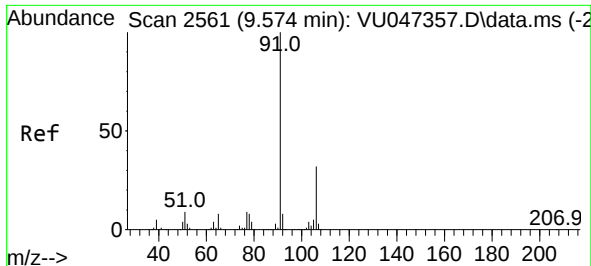
Ion Ratio Lower Upper

112 100

114 31.0 22.1 41.1

77 54.4 48.3 72.5

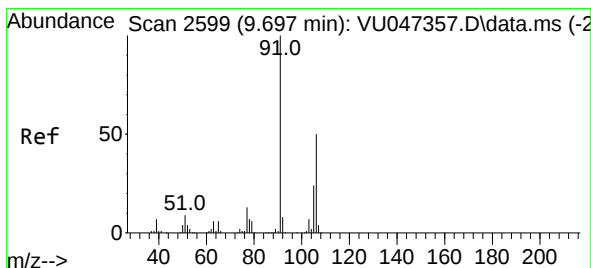
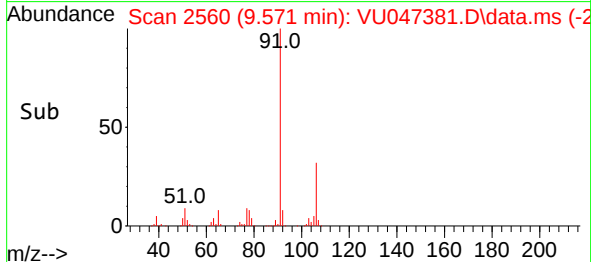
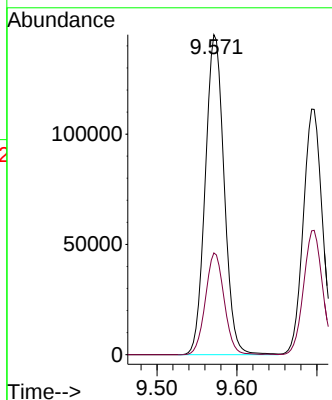
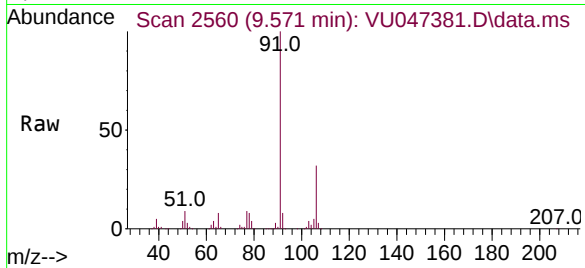




#52
Ethylbenzene
Concen: 5.508 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047381.D
Acq: 08 Mar 2022 10:02

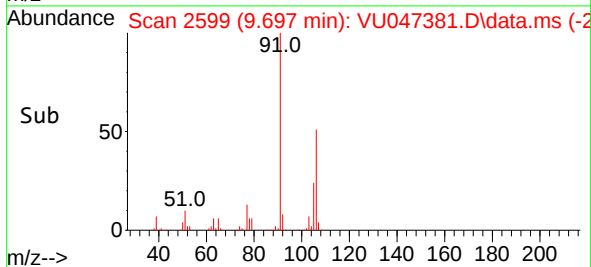
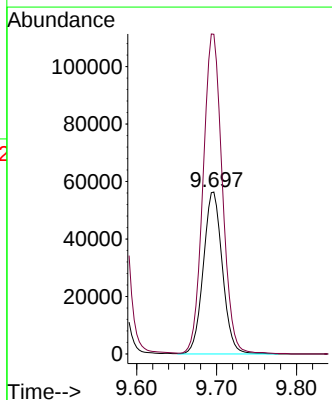
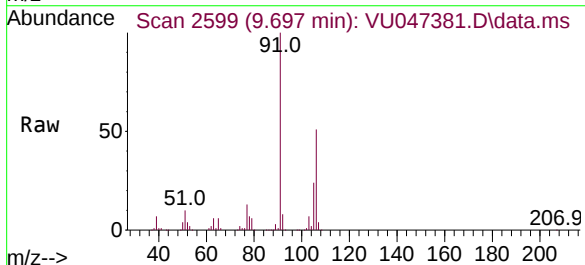
Instrument :
MSVOA_U
ClientSampleId :
VSTD005088

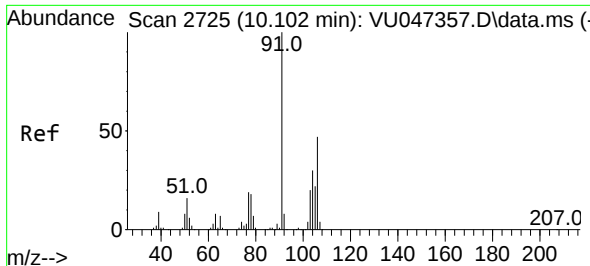
Tgt Ion: 91 Resp: 238022
Ion Ratio Lower Upper
91 100
106 31.8 21.5 39.9



#53
m,p-Xylene
Concen: 5.456 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU047381.D
Acq: 08 Mar 2022 10:02

Tgt Ion: 106 Resp: 93706
Ion Ratio Lower Upper
106 100
91 197.4 139.4 259.0

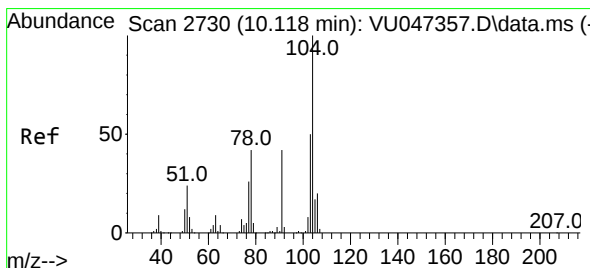
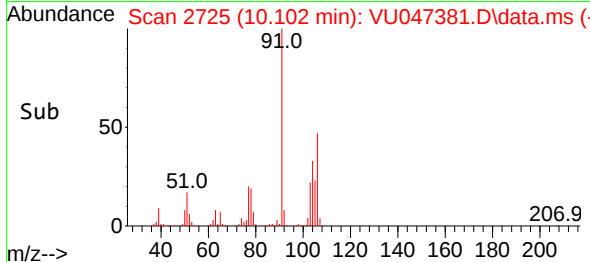
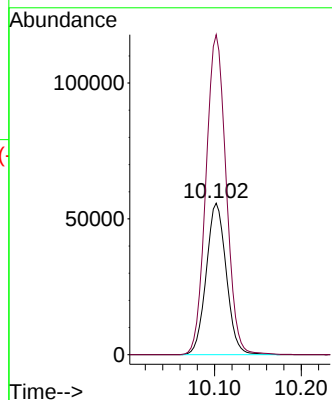
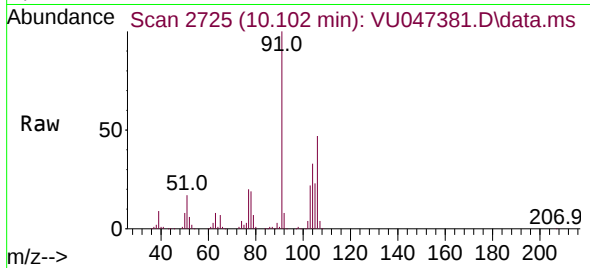




#54
o-Xylene
Concen: 5.415 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047381.D
Acq: 08 Mar 2022 10:02

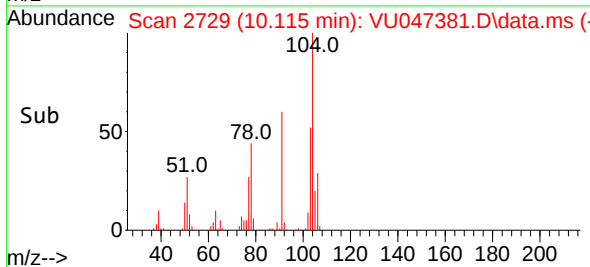
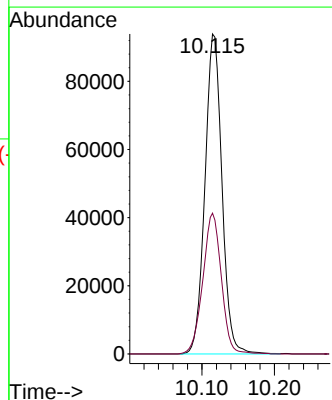
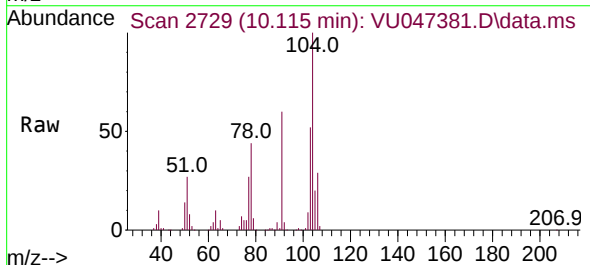
Instrument :
MSVOA_U
ClientSampleId :
VSTD005088

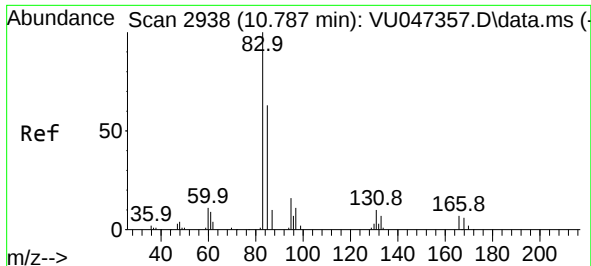
Tgt Ion:106 Resp: 89668
Ion Ratio Lower Upper
106 100
91 211.1 147.5 273.9



#55
Styrene
Concen: 5.465 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047381.D
Acq: 08 Mar 2022 10:02

Tgt Ion:104 Resp: 153444
Ion Ratio Lower Upper
104 100
78 44.0 33.0 61.4

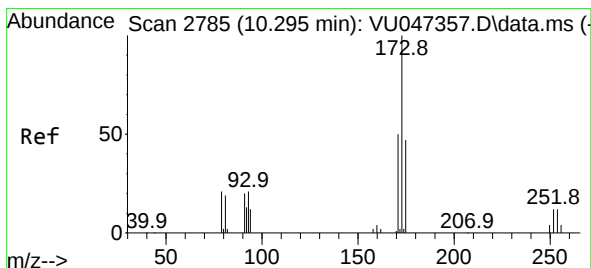
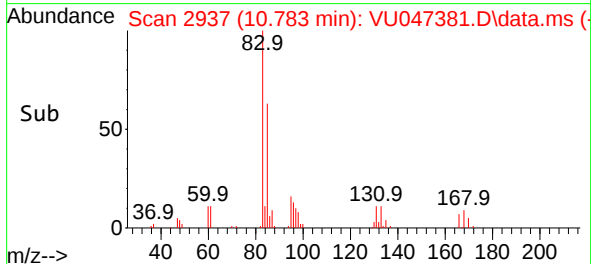
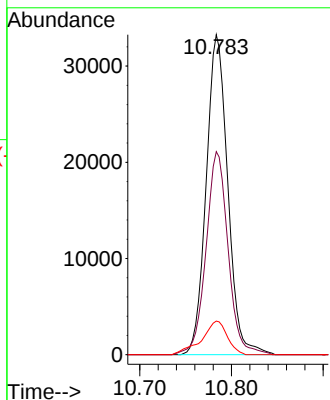
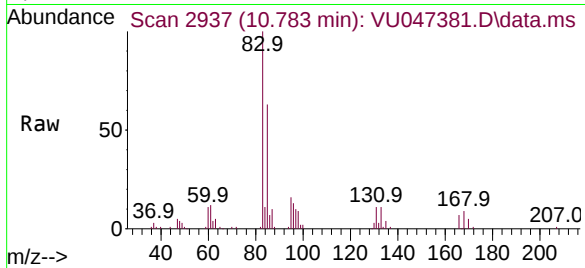




#57
1,1,2,2-Tetrachloroethane
Concen: 4.915 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047381.D
Acq: 08 Mar 2022 10:02

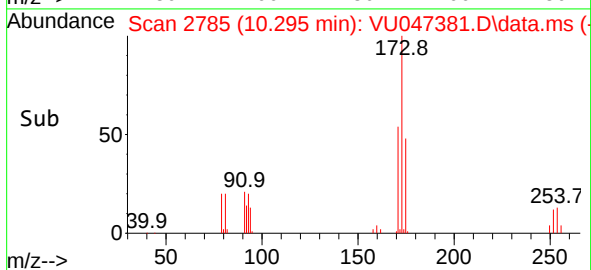
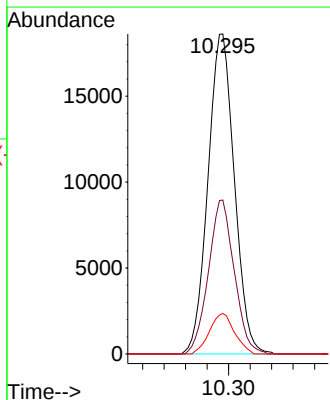
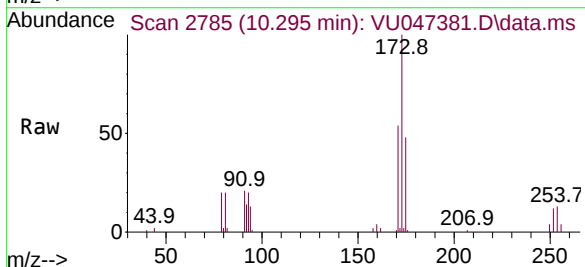
Instrument :
MSVOA_U
ClientSampleId :
VSTD005088

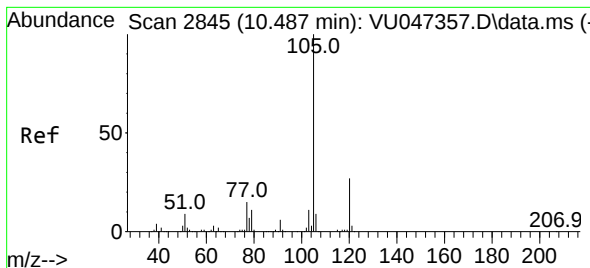
Tgt Ion: 83 Resp: 54377
Ion Ratio Lower Upper
83 100
85 63.5 47.9 89.1
131 10.5 8.1 12.1



#59
Bromoform
Concen: 5.320 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.003 min
Lab File: VU047381.D
Acq: 08 Mar 2022 10:02

Tgt Ion:173 Resp: 31693
Ion Ratio Lower Upper
173 100
175 47.0 37.8 56.6
254 12.0 7.3 10.9#





#60

Isopropylbenzene

Concen: 5.726 ug/L

RT: 10.488 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU047381.D

Acq: 08 Mar 2022 10:02

Instrument :

MSVOA_U

ClientSampleId :

VSTD005088

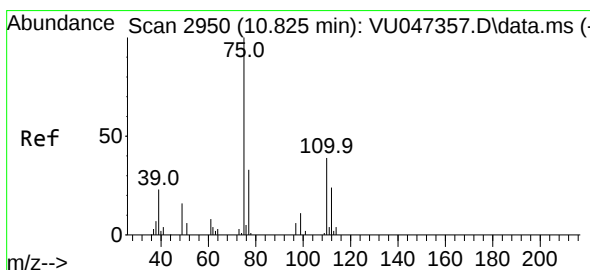
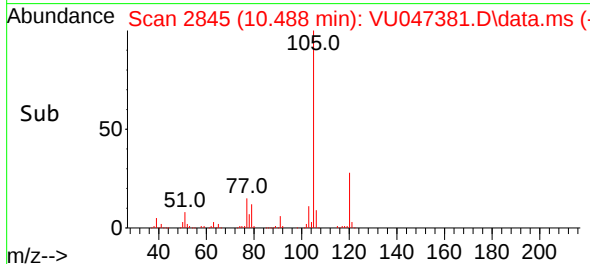
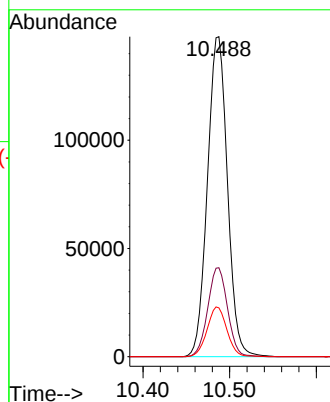
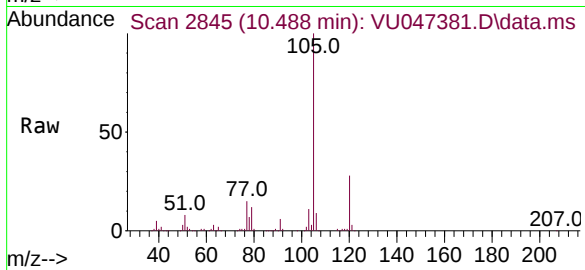
Tgt Ion:105 Resp: 237238

Ion Ratio Lower Upper

105 100

120 27.5 20.7 31.1

77 15.4 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.047 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU047381.D

Acq: 08 Mar 2022 10:02

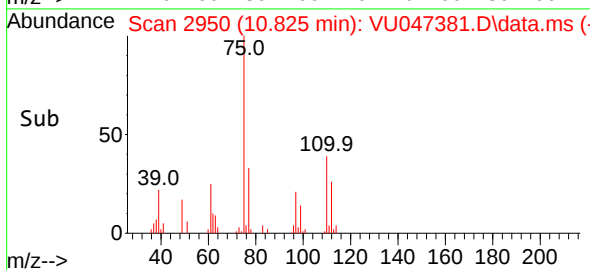
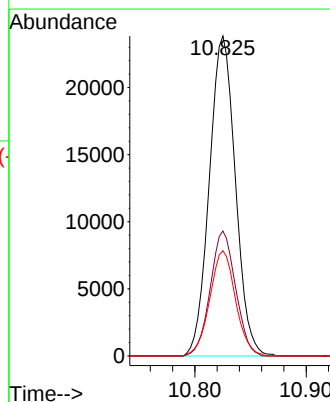
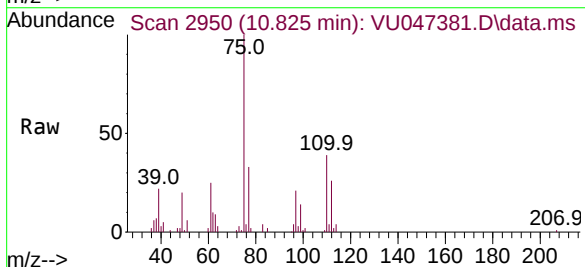
Tgt Ion: 75 Resp: 38694

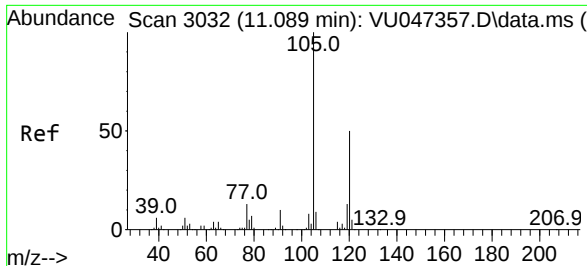
Ion Ratio Lower Upper

75 100

110 37.9 29.9 44.9

77 32.6 25.5 38.3

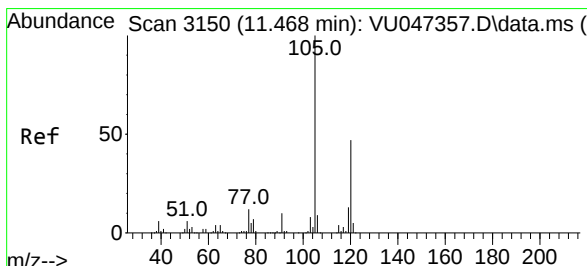
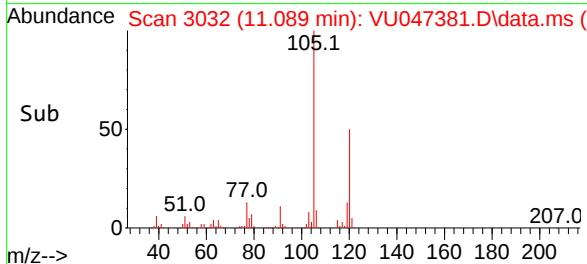
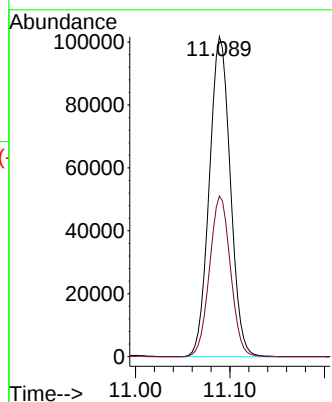
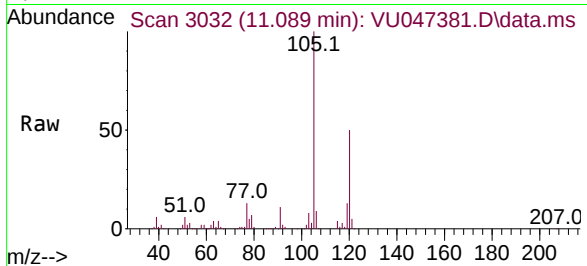




#62
 1,3,5-Trimethylbenzene
 Concen: 5.680 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU047381.D
 Acq: 08 Mar 2022 10:02

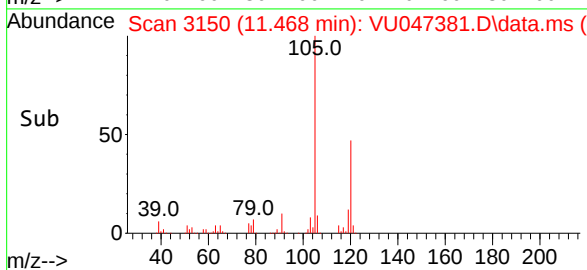
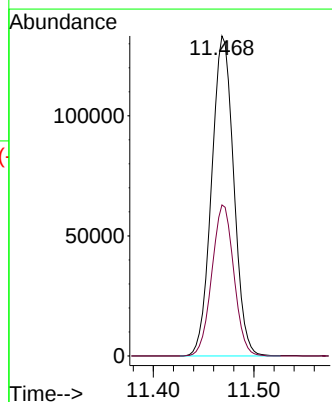
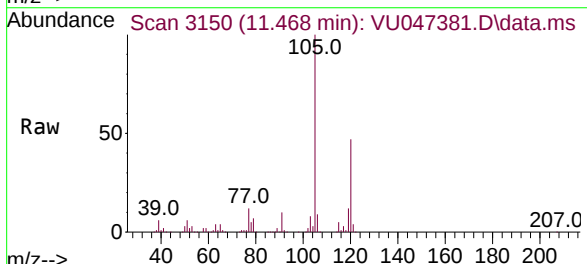
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005088

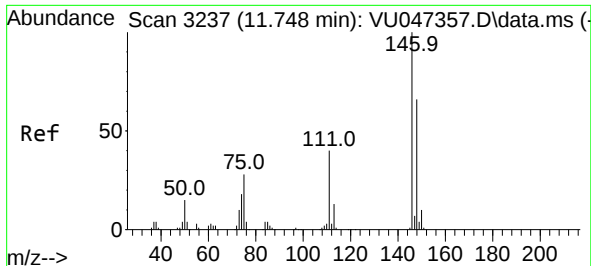
Tgt Ion:105 Resp: 157043
 Ion Ratio Lower Upper
 105 100
 120 50.0 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 5.650 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU047381.D
 Acq: 08 Mar 2022 10:02

Tgt Ion:105 Resp: 203480
 Ion Ratio Lower Upper
 105 100
 120 46.9 35.8 53.8

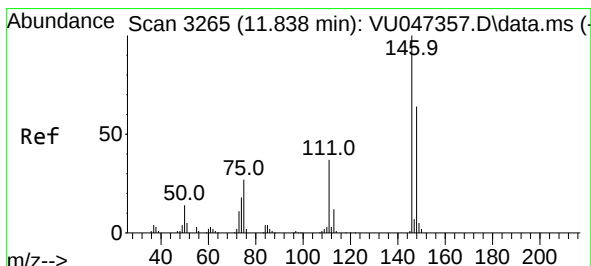
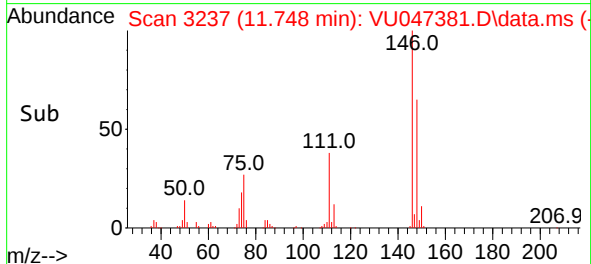
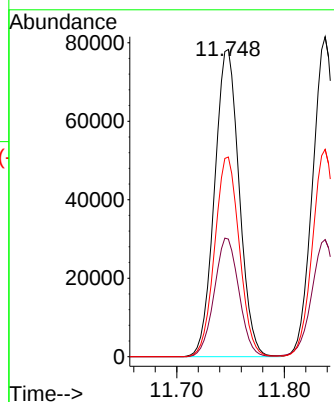
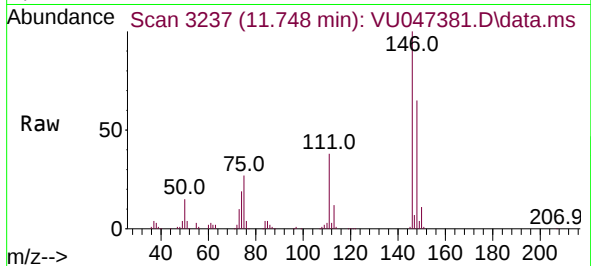




#64
1,3-Dichlorobenzene
Concen: 5.636 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU047381.D
Acq: 08 Mar 2022 10:02

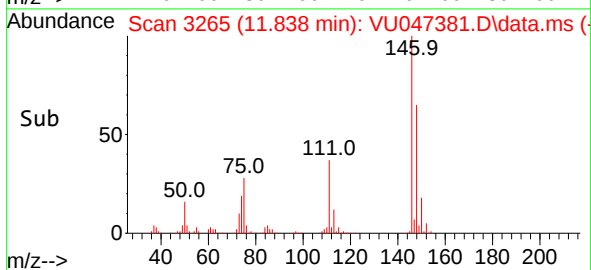
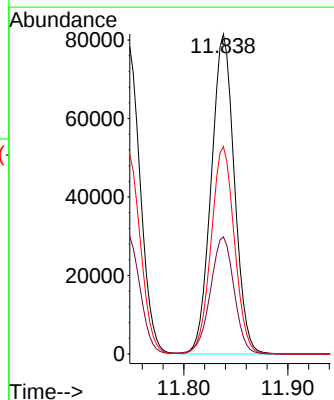
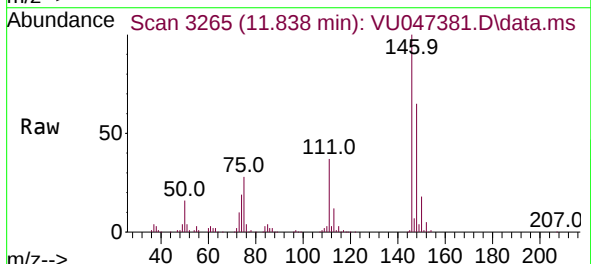
Instrument :
MSVOA_U
ClientSampleId :
VSTD005088

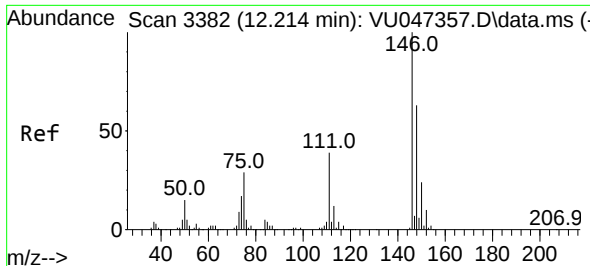
Tgt Ion:146 Resp: 124928
Ion Ratio Lower Upper
146 100
111 38.3 29.9 55.5
148 65.0 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.557 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU047381.D
Acq: 08 Mar 2022 10:02

Tgt Ion:146 Resp: 126191
Ion Ratio Lower Upper
146 100
111 36.6 28.7 53.3
148 64.8 45.8 85.0

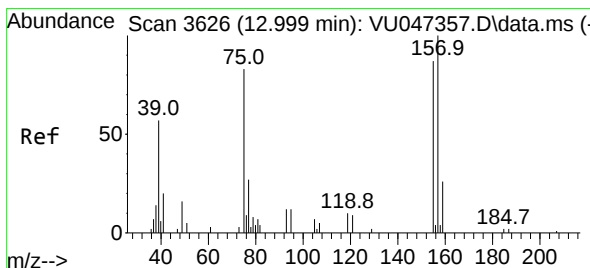
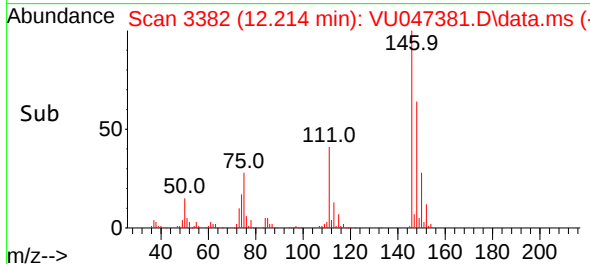
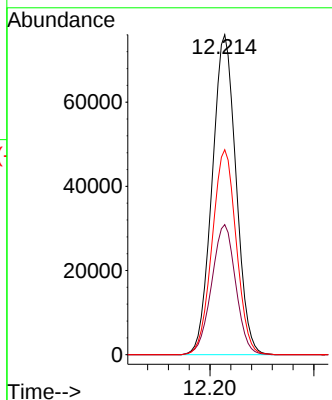
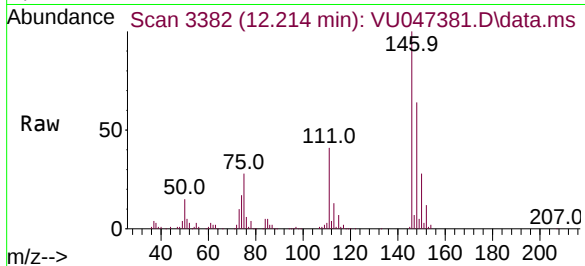




#67
 1,2-Dichlorobenzene
 Concen: 5.535 ug/L
 RT: 12.214 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VU047381.D
 Acq: 08 Mar 2022 10:02

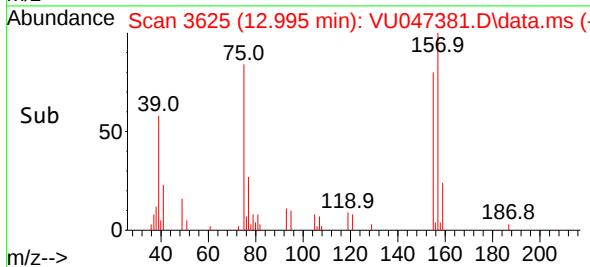
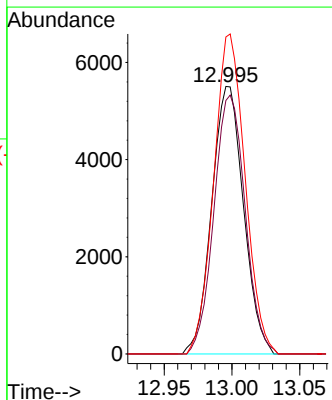
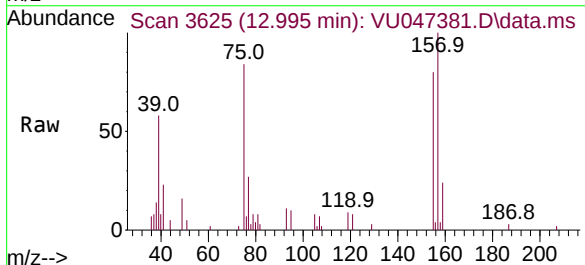
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005088

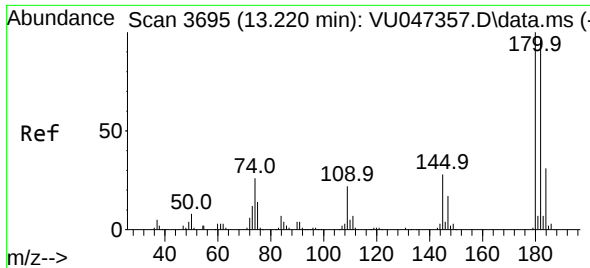
Tgt Ion:146 Resp: 121321
 Ion Ratio Lower Upper
 146 100
 111 40.7 35.4 53.0
 148 64.1 51.1 76.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.128 ug/L
 RT: 12.995 min Scan# 3625
 Delta R.T. -0.000 min
 Lab File: VU047381.D
 Acq: 08 Mar 2022 10:02

Tgt Ion: 75 Resp: 8983
 Ion Ratio Lower Upper
 75 100
 155 94.8 59.2 88.8#
 157 118.5 76.5 114.7#



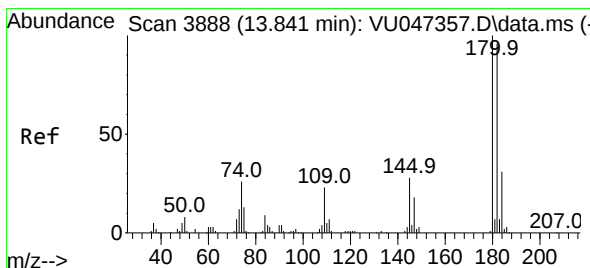
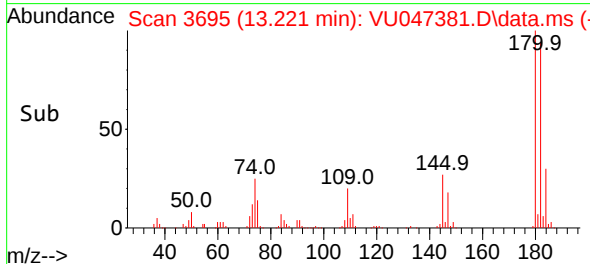
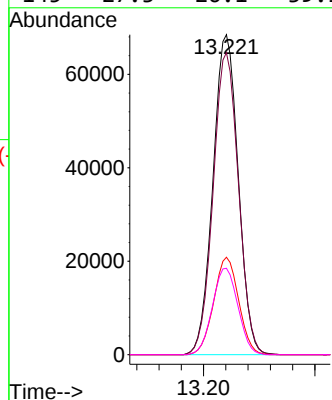
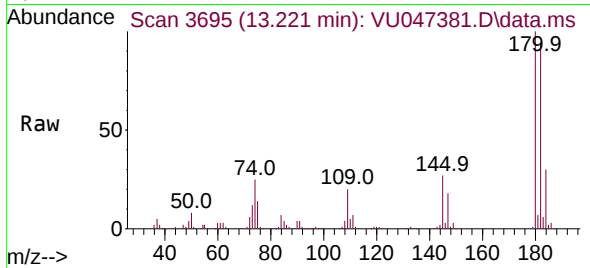


#69
 1,3,5-Trichlorobenzene
 Concen: 5.833 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU047381.D
 Acq: 08 Mar 2022 10:02

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005088

Tgt Ion:180 Resp: 107803

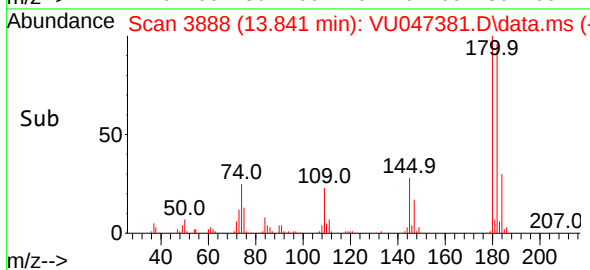
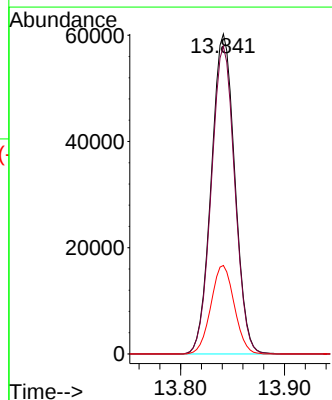
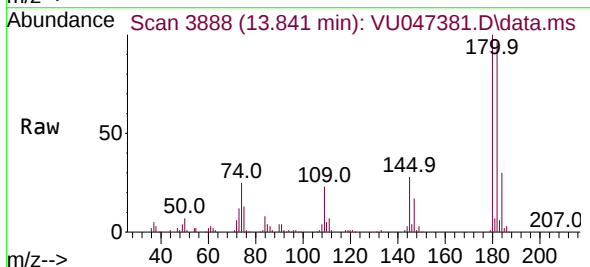
Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.1	114.1
184	30.1	25.0	37.4
145	27.3	26.1	39.1

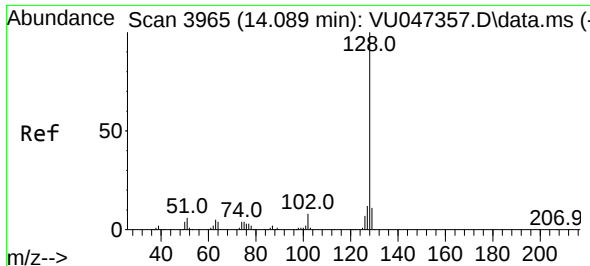


#70
 1,2,4-trichlorobenzene
 Concen: 5.648 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047381.D
 Acq: 08 Mar 2022 10:02

Tgt Ion:180 Resp: 94868

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.4	114.6
145	27.5	25.6	38.4

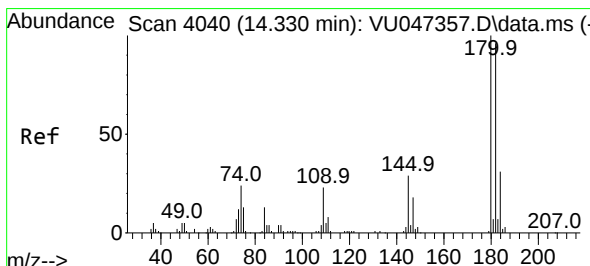
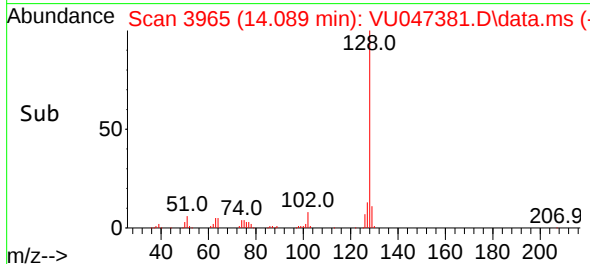
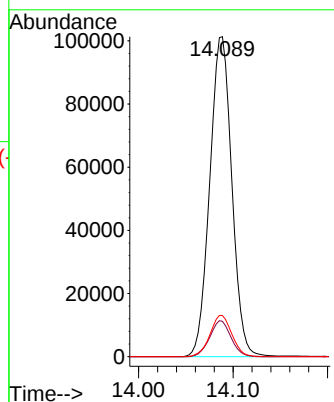
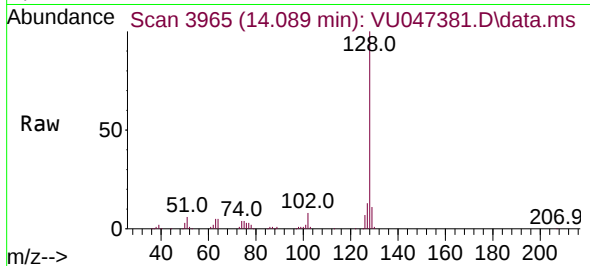




#71
Naphthalene
Concen: 4.906 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU047381.D
Acq: 08 Mar 2022 10:02

Instrument :
MSVOA_U
ClientSampleId :
VSTD005088

Tgt Ion:128 Resp: 164281
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: 5.453 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047381.D
Acq: 08 Mar 2022 10:02

Tgt Ion:180 Resp: 85254
Ion Ratio Lower Upper
180 100
182 96.6 76.2 114.4
145 29.3 28.4 42.6

