

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
 Data File : VU047322.D
 Acq On : 03 Mar 2022 17:57
 Operator : SY/MD
 Sample : VSTCCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005082

Quant Time: Mar 04 01:56:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 01:50:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	131609	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	136530	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	85084	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	44963	4.045	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.919	69	36754	4.172	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.572	65	19189	4.174	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	4.649	46	146125	55.001	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.000%
24) Chloroform-d	5.067	84	86674	4.694	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.707	65	45995	4.480	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.732	84	168702	4.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.694	67	53704	4.424	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.899	98	159185	4.266	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	8.179	79	23098	4.198	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.636	63	125904	43.456	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.920%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	52350	4.745	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	69865	4.576	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	56739	5.098	ug/L	100
3) Chloromethane	1.527	50	61063	5.059	ug/L	97
5) Vinyl chloride	1.607	62	60405	4.954	ug/L	99
6) Bromomethane	1.864	94	30092	4.198	ug/L	98
8) Chloroethane	1.938	64	35786	5.089	ug/L	99
9) Trichlorofluoromethane	2.144	101	82061	5.522	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	49949	5.571	ug/L	90
12) 1,1-Dichloroethene	2.584	96	47505	5.485	ug/L	81
13) Acetone	2.671	43	93251	70.112	ug/L	94
14) Carbon disulfide	2.800	76	133218	4.611	ug/L	100
15) Methyl Acetate	2.967	43	21699	5.271	ug/L	92
16) Methylene chloride	3.051	84	64486	6.684	ug/L	92
17) Methyl tert-butyl Ether	3.369	73	128247	5.419	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	50692	5.416	ug/L	90
19) 1,1-Dichloroethane	3.877	63	89478	5.469	ug/L	100
21) 2-Butanone	4.729	43	162824	65.187	ug/L	94
22) cis-1,2-Dichloroethene	4.674	96	57928	5.687	ug/L	94
23) Bromochloromethane	4.980	128	28752	6.021	ug/L #	84
25) Chloroform	5.092	83	96570	5.637	ug/L	98

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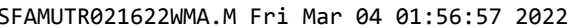
Instrument :
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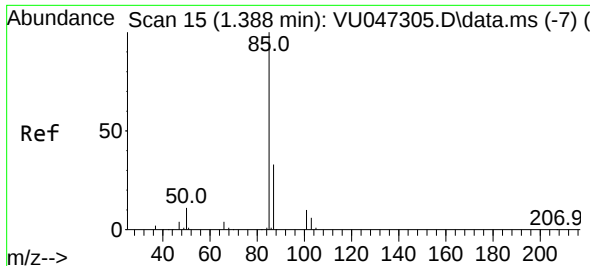
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	62908	5.493	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	82538	5.583	ug/L	98
30) Cyclohexane	5.391	56	76713	4.754	ug/L	96
31) Carbon tetrachloride	5.530	117	71073	5.521	ug/L	99
33) Benzene	5.777	78	210965	5.438	ug/L	100
34) Trichloroethene	6.543	95	57612	5.568	ug/L	95
35) Methylcyclohexane	6.764	83	87311	5.000	ug/L	93
37) 1,2-Dichloropropane	6.793	63	53859	5.371	ug/L	99
38) Bromodichloromethane	7.108	83	69931	5.459	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	81731	5.241	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	376565	52.627	ug/L	97
42) Toluene	7.970	91	232551	5.385	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	72289	5.146	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	45545	5.849	ug/L	98
47) Tetrachloroethene	8.555	164	47435	5.649	ug/L	92
48) 2-Hexanone	8.687	43	277882	52.233	ug/L	98
49) Dibromochloromethane	8.813	129	53746	5.730	ug/L	96
50) 1,2-Dibromoethane	8.925	107	45475	5.790	ug/L #	99
51) Chlorobenzene	9.446	112	155451	5.576	ug/L	96
52) Ethylbenzene	9.571	91	250738	5.298	ug/L	98
53) m,p-Xylene	9.694	106	98684	5.311	ug/L	99
54) o-Xylene	10.102	106	97435	5.385	ug/L	100
55) Styrene	10.115	104	165803	5.477	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.783	83	60911	5.910	ug/L	96
59) Bromoform	10.292	173	34386	5.549	ug/L #	96
60) Isopropylbenzene	10.484	105	255689	5.122	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	43294	5.329	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	167724	5.032	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	220518	5.139	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	132237	5.493	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	134972	5.541	ug/L	96
67) 1,2-Dichlorobenzene	12.211	146	128473	5.602	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	9911	5.281	ug/L #	73
69) 1,3,5-Trichlorobenzene	13.221	180	111971	5.629	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	100429	5.423	ug/L	98
71) Naphthalene	14.086	128	187616	4.909	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	93811	5.386	ug/L	96

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

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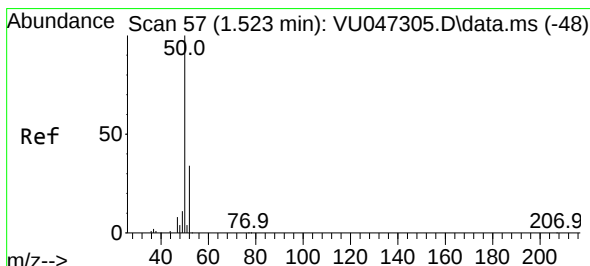
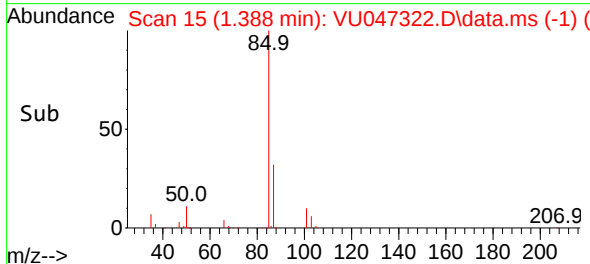
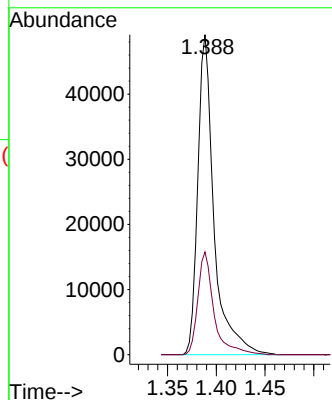
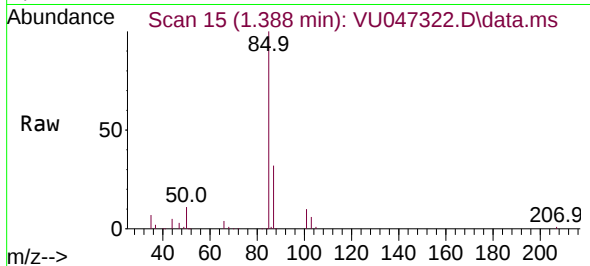




#2
Dichlorodifluoromethane
Concen: 5.098 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047322.D
Acq: 03 Mar 2022 17:57

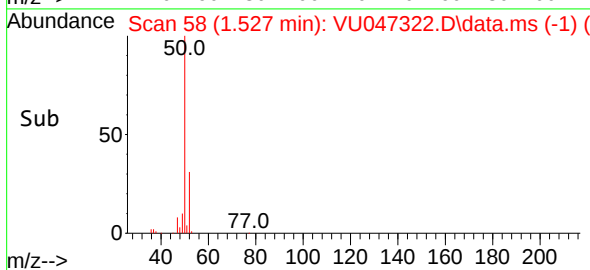
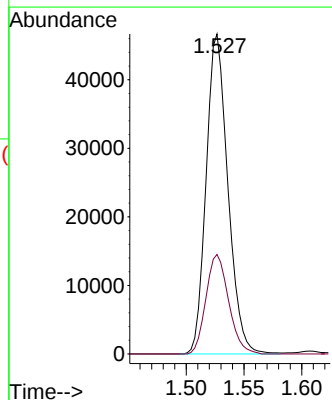
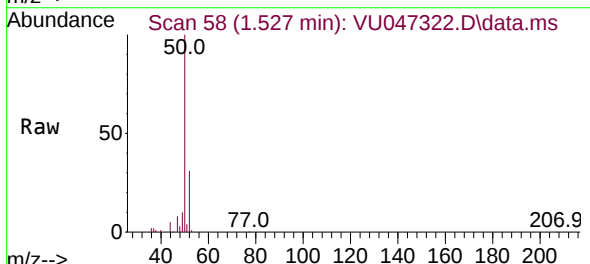
Instrument :
MSVOA_U
ClientSampleId :
VSTD005082

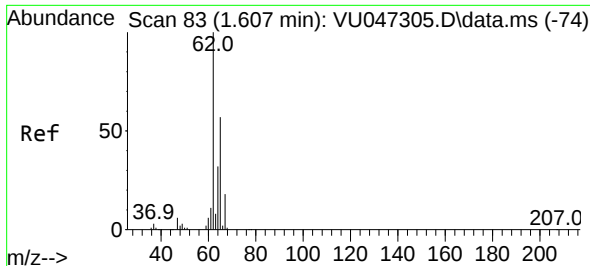
Tgt Ion: 85 Resp: 56739
Ion Ratio Lower Upper
85 100
87 31.9 25.8 38.6



#3
Chloromethane
Concen: 5.059 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU047322.D
Acq: 03 Mar 2022 17:57

Tgt Ion: 50 Resp: 61063
Ion Ratio Lower Upper
50 100
52 31.1 23.0 42.8

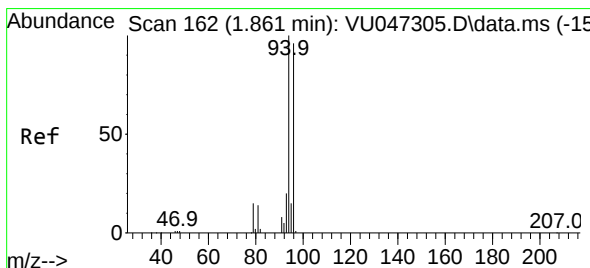
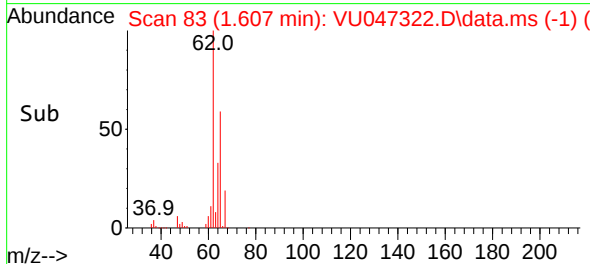
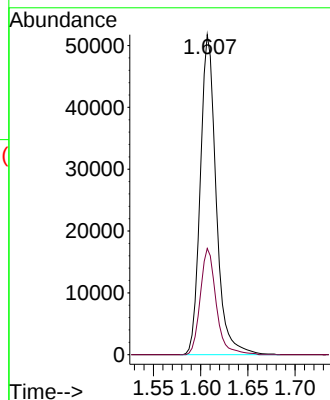
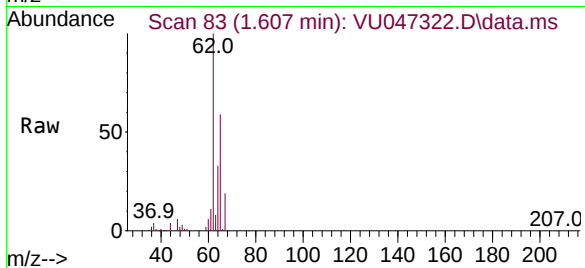




#5
 Vinyl chloride
 Concen: 4.954 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047322.D
 Acq: 03 Mar 2022 17:57

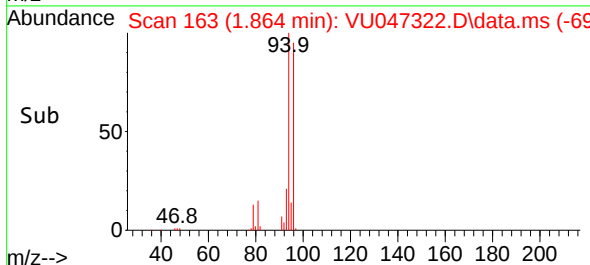
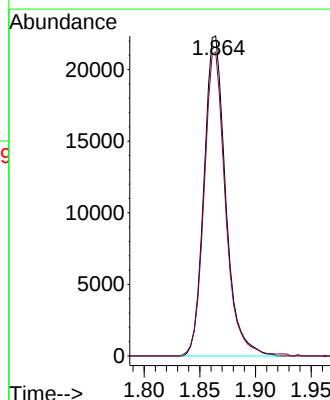
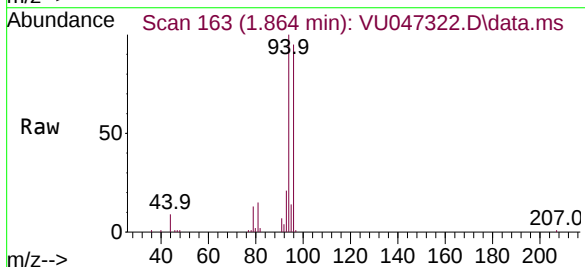
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005082

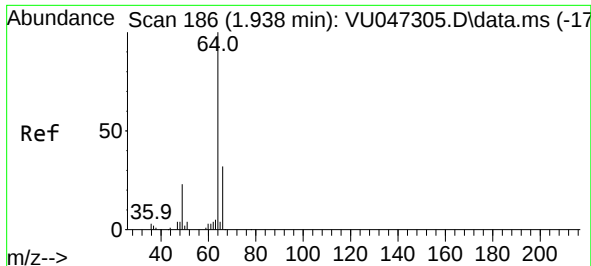
Tgt Ion: 62 Resp: 60405
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.9 42.5



#6
 Bromomethane
 Concen: 4.198 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU047322.D
 Acq: 03 Mar 2022 17:57

Tgt Ion: 94 Resp: 30092
 Ion Ratio Lower Upper
 94 100
 96 95.0 65.5 121.6

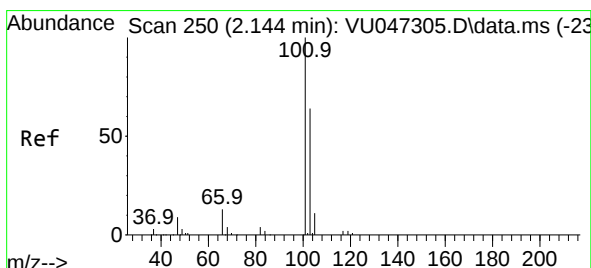
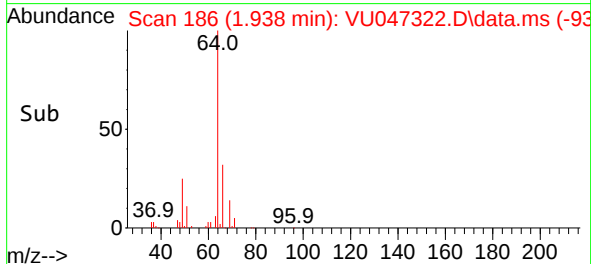
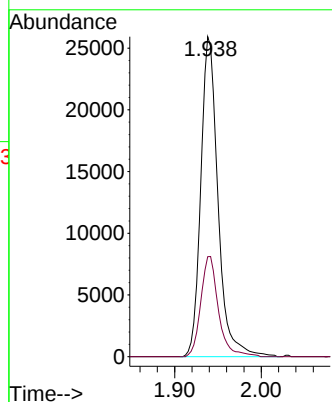
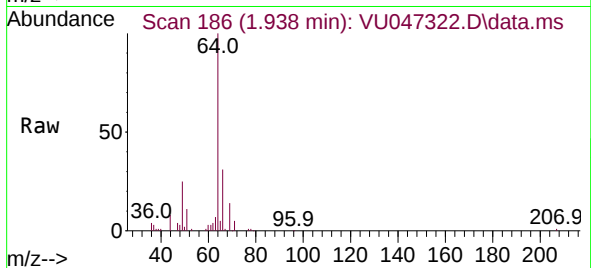




#8
Chloroethane
Concen: 5.089 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047322.D
Acq: 03 Mar 2022 17:57

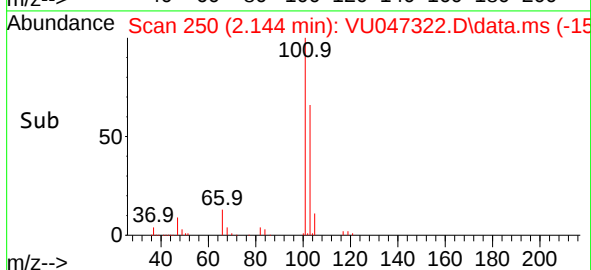
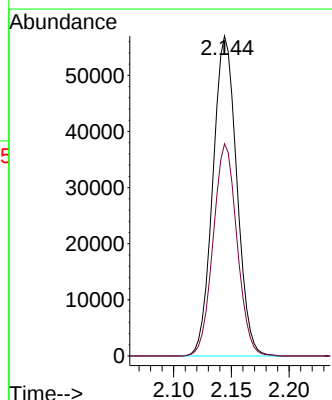
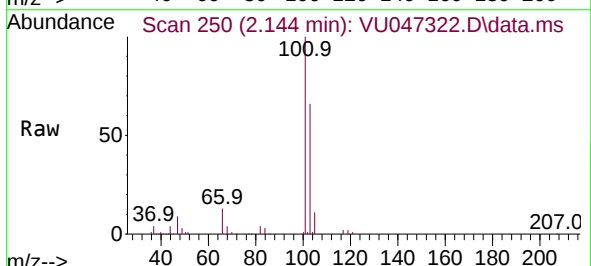
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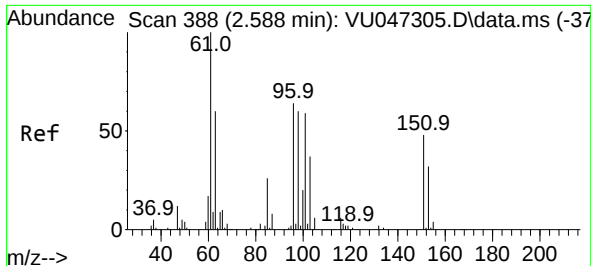
Tgt Ion: 64 Resp: 35786
Ion Ratio Lower Upper
64 100
66 31.2 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.522 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047322.D
Acq: 03 Mar 2022 17:57

Tgt Ion: 101 Resp: 82061
Ion Ratio Lower Upper
101 100
103 66.1 51.5 77.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.571 ug/L

RT: 2.588 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU047322.D

Acq: 03 Mar 2022 17:57

Instrument :

MSVOA_U

ClientSampleId :

VSTD005082

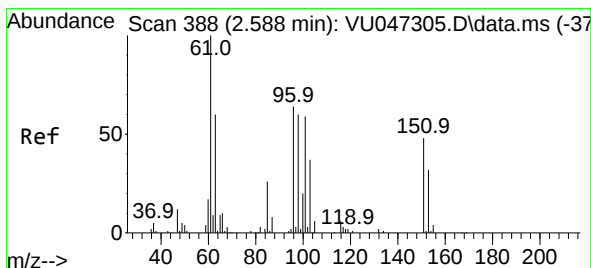
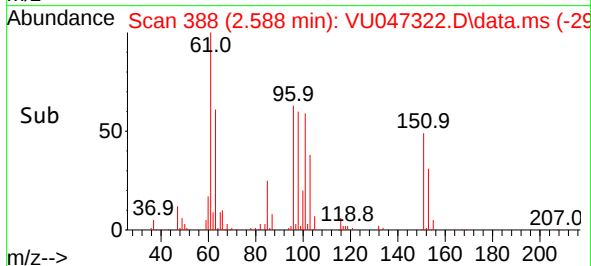
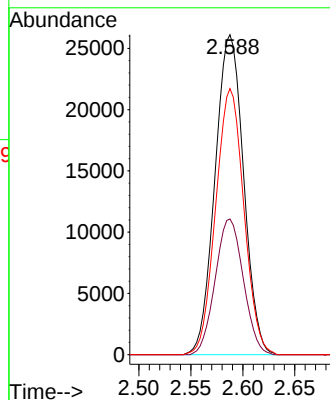
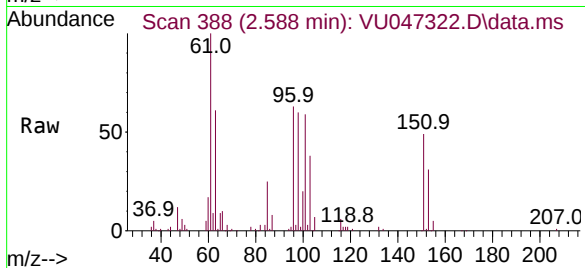
Tgt Ion:101 Resp: 49949

Ion Ratio Lower Upper

101 100

85 41.7 34.6 51.8

151 82.0 56.1 84.1



#12

1,1-Dichloroethene

Concen: 5.485 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU047322.D

Acq: 03 Mar 2022 17:57

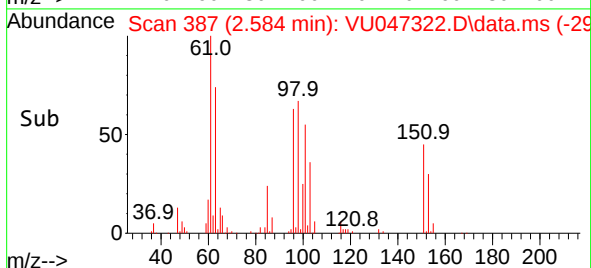
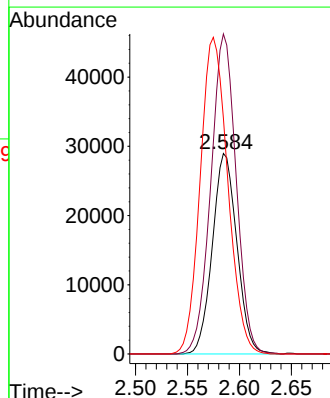
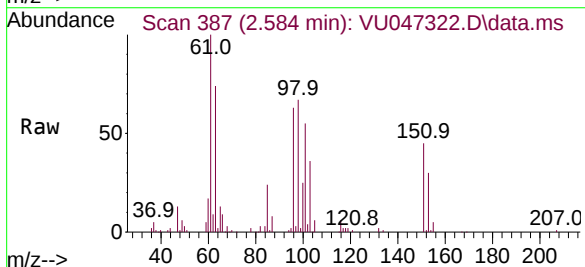
Tgt Ion: 96 Resp: 47505

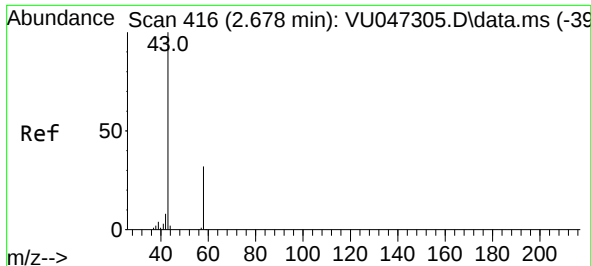
Ion Ratio Lower Upper

96 100

61 159.7 124.7 231.5

63 117.7 105.2 195.4





#13

Acetone

Concen: 70.112 ug/L

RT: 2.671 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU047322.D

Acq: 03 Mar 2022 17:57

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ClientSampleId :

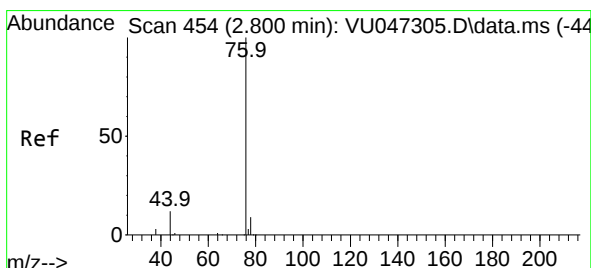
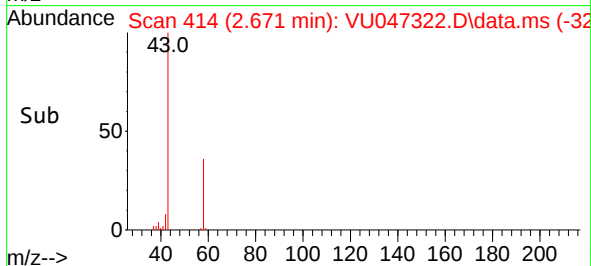
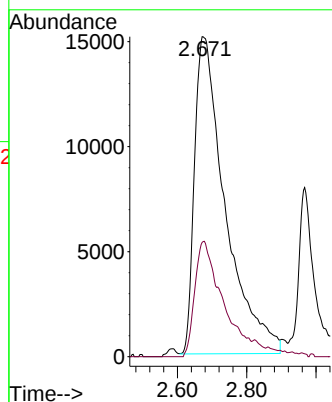
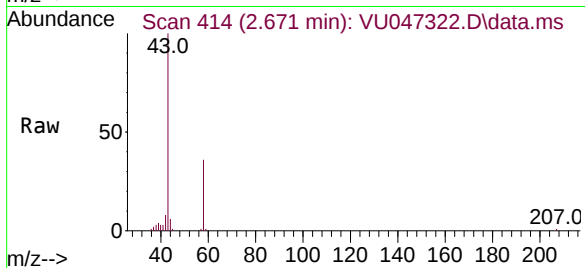
VSTD005082

Tgt Ion: 43 Resp: 93251

Ion Ratio Lower Upper

43 100

58 32.4 0.0 71.6



#14

Carbon disulfide

Concen: 4.611 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU047322.D

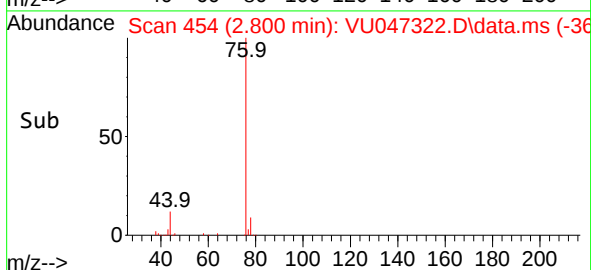
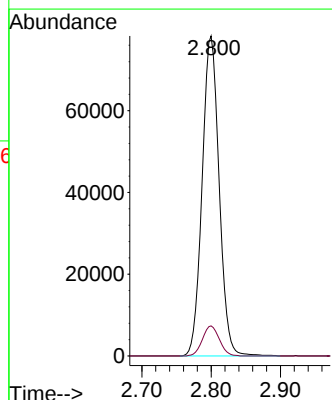
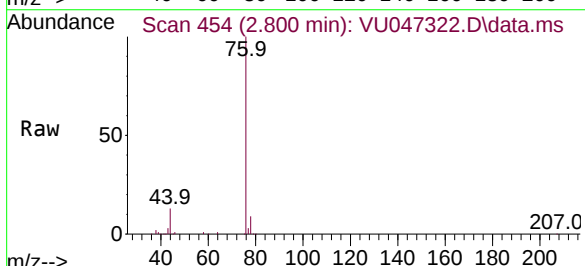
Acq: 03 Mar 2022 17:57

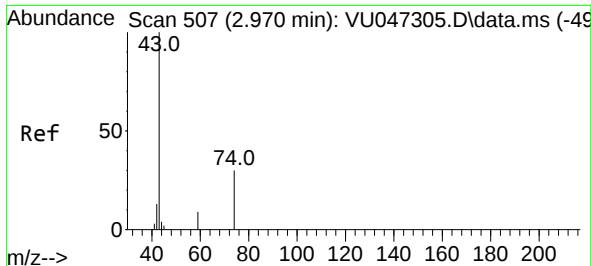
Tgt Ion: 76 Resp: 133218

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

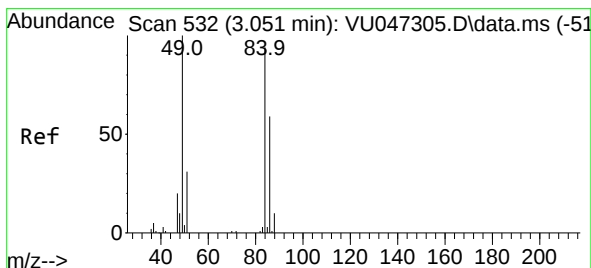
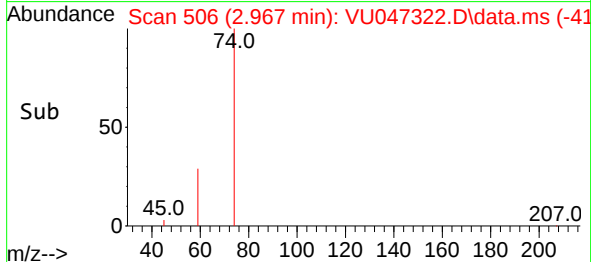
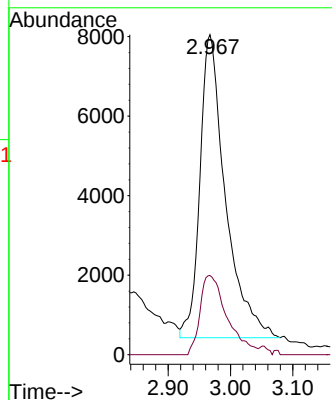
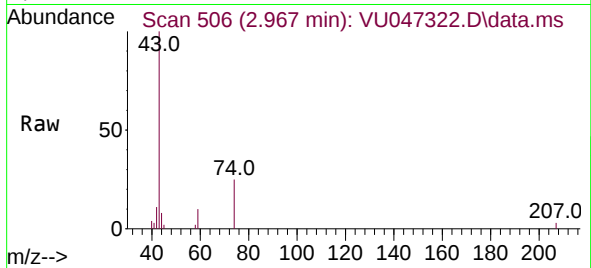




#15
Methyl Acetate
Concen: 5.271 ug/L
RT: 2.967 min Scan# 507
Delta R.T. -0.003 min
Lab File: VU047322.D
Acq: 03 Mar 2022 17:57

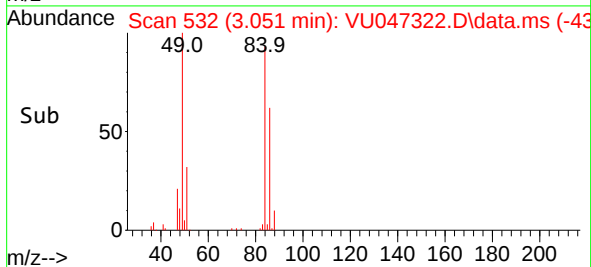
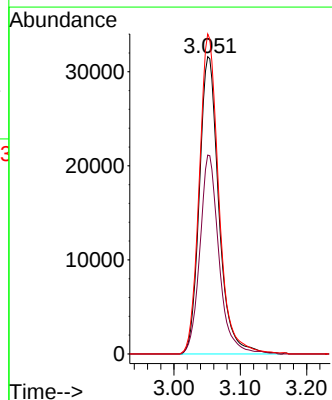
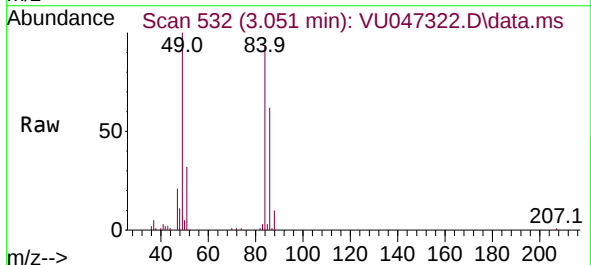
Instrument :
MSVOA_U
ClientSampleId :
VSTD005082

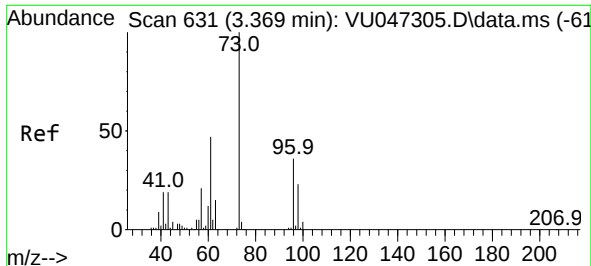
Tgt Ion: 43 Resp: 21699
Ion Ratio Lower Upper
43 100
74 27.7 19.1 28.7



#16
Methylene chloride
Concen: 6.684 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU047322.D
Acq: 03 Mar 2022 17:57

Tgt Ion: 84 Resp: 64486
Ion Ratio Lower Upper
84 100
86 66.9 45.8 85.0
49 107.6 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 5.419 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU047322.D

Acq: 03 Mar 2022 17:57

Instrument :

MSVOA_U

ClientSampleId :

VSTD005082

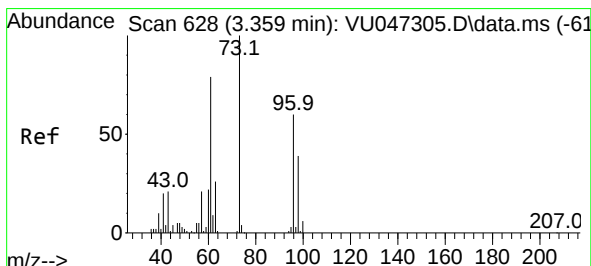
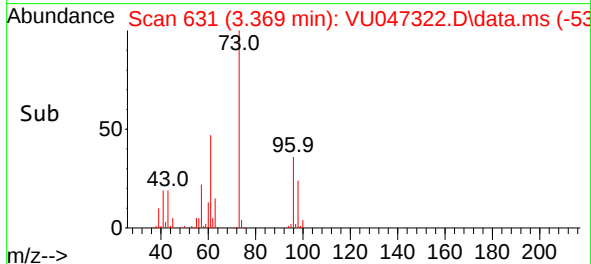
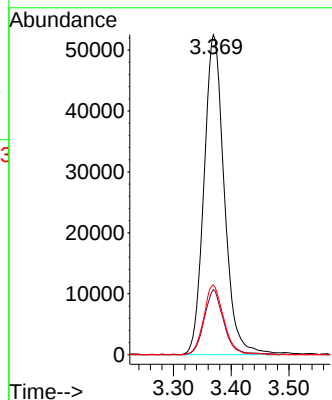
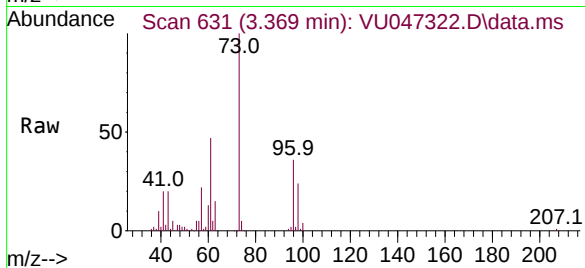
Tgt Ion: 73 Resp: 128247

Ion Ratio Lower Upper

73 100

43 19.6 14.8 22.2

57 21.2 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 5.416 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU047322.D

Acq: 03 Mar 2022 17:57

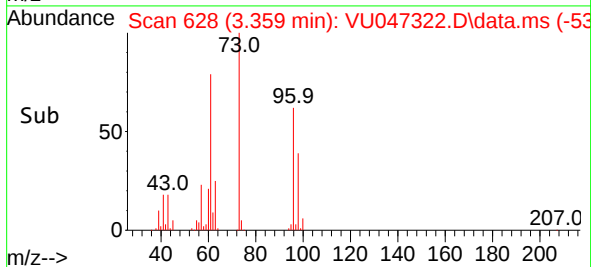
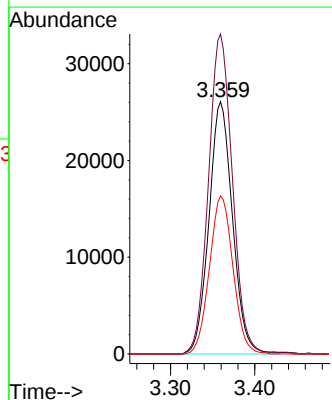
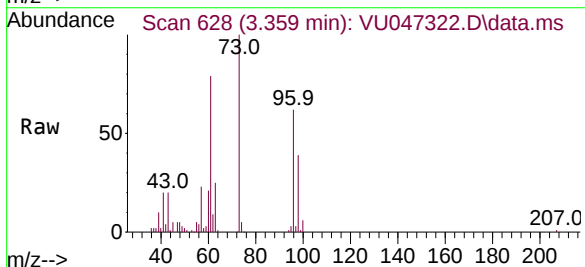
Tgt Ion: 96 Resp: 50692

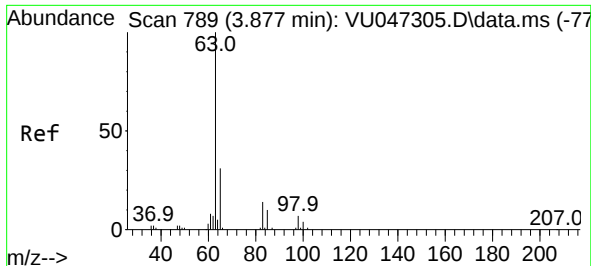
Ion Ratio Lower Upper

96 100

61 126.8 100.8 187.2

98 62.6 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.469 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU047322.D

Acq: 03 Mar 2022 17:57

Instrument :

MSVOA_U

ClientSampleId :

VSTD005082

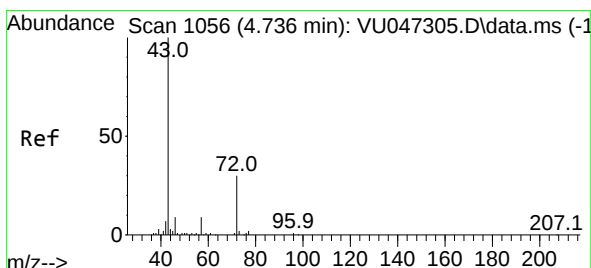
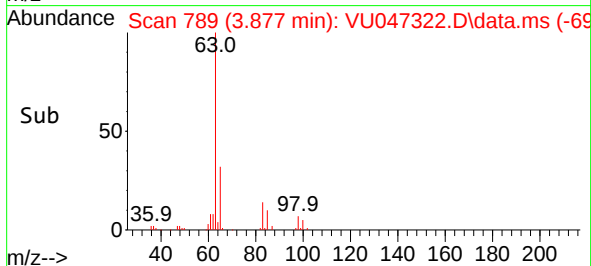
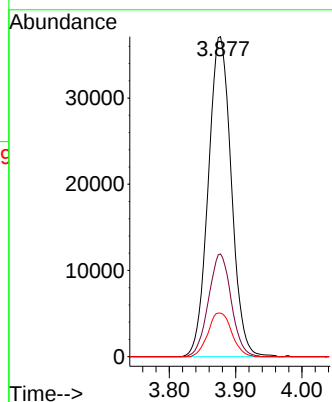
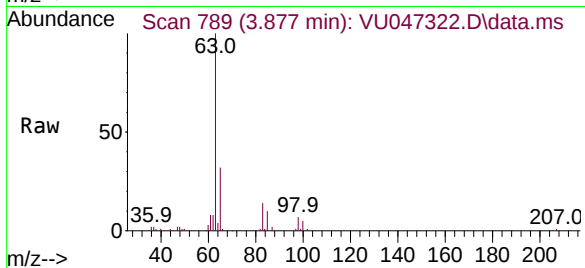
Tgt Ion: 63 Resp: 89478

Ion Ratio Lower Upper

63 100

65 32.1 22.3 41.5

83 13.6 9.6 17.8



#21

2-Butanone

Concen: 65.187 ug/L

RT: 4.729 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VU047322.D

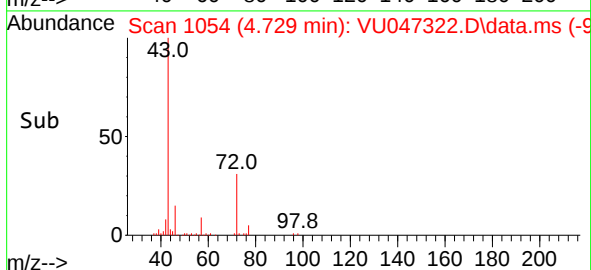
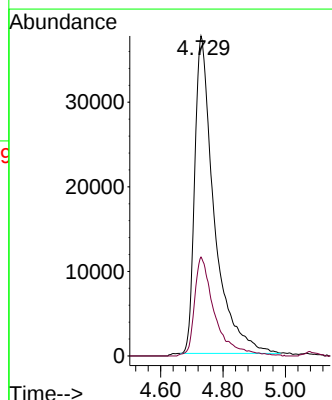
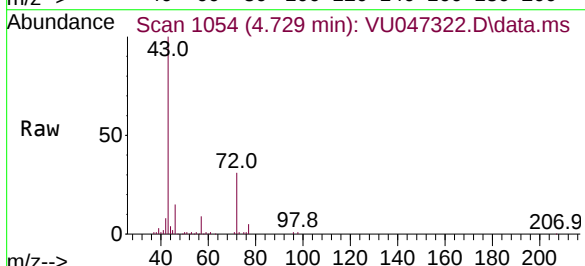
Acq: 03 Mar 2022 17:57

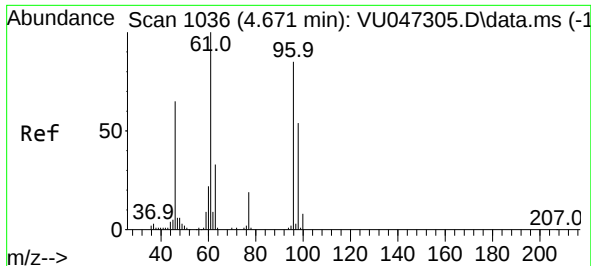
Tgt Ion: 43 Resp: 162824

Ion Ratio Lower Upper

43 100

72 31.2 14.1 42.3

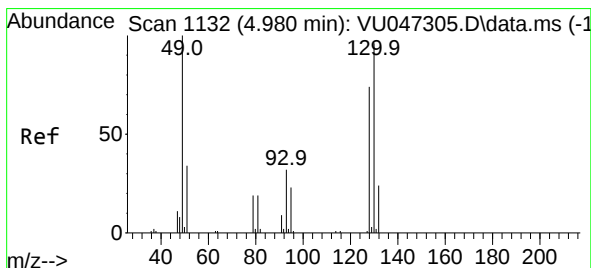
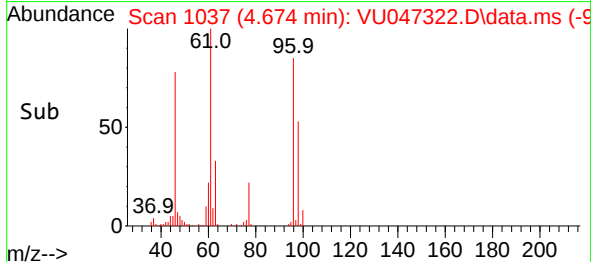
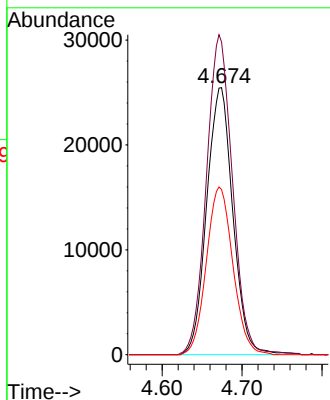
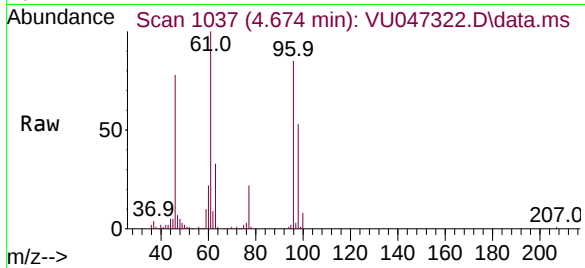




#22
 cis-1,2-Dichloroethene
 Concen: 5.687 ug/L
 RT: 4.674 min Scan# 1036
 Delta R.T. 0.003 min
 Lab File: VU047322.D
 Acq: 03 Mar 2022 17:57

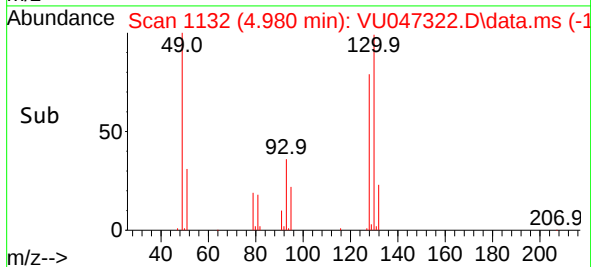
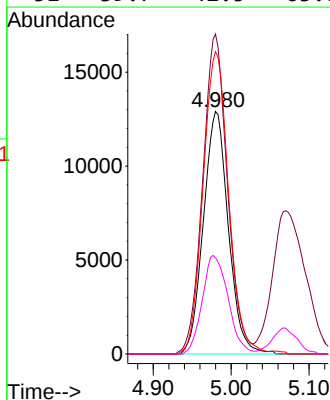
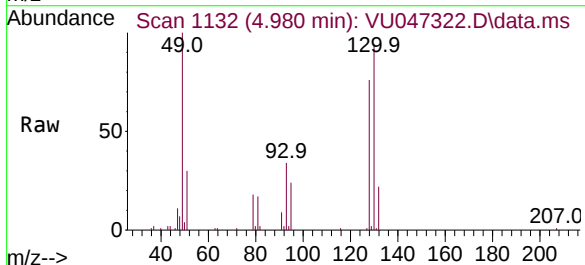
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005082

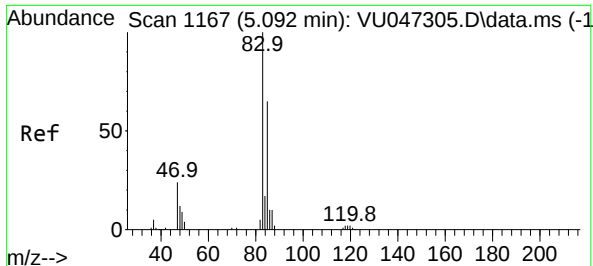
Tgt Ion: 96 Resp: 57928
 Ion Ratio Lower Upper
 96 100
 61 117.1 88.5 164.3
 98 61.9 44.4 82.5



#23
 Bromochloromethane
 Concen: 6.021 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VU047322.D
 Acq: 03 Mar 2022 17:57

Tgt Ion: 128 Resp: 28752
 Ion Ratio Lower Upper
 128 100
 49 131.9 117.0 217.2
 130 124.6 88.2 163.8
 51 39.7 42.5 63.7#





#25

Chloroform

Concen: 5.637 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047322.D

Acq: 03 Mar 2022 17:57

Instrument :

MSVOA_U

ClientSampleId :

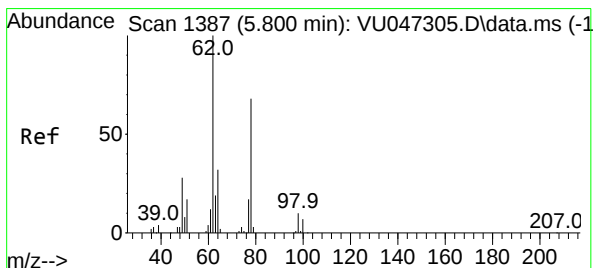
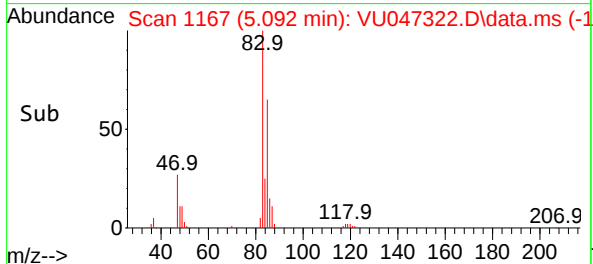
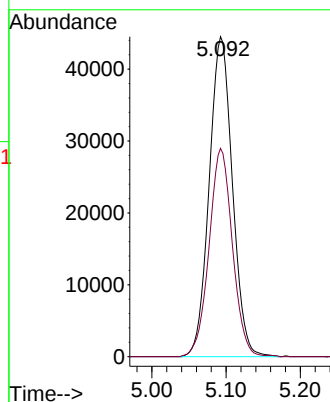
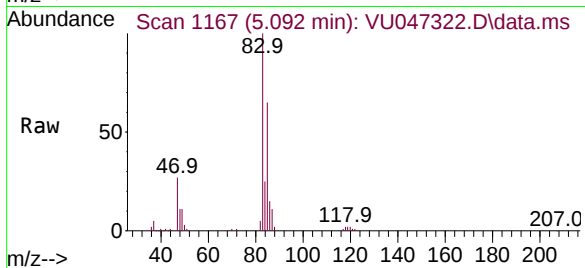
VSTD005082

Tgt Ion: 83 Resp: 96570

Ion Ratio Lower Upper

83 100

85 65.1 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.493 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU047322.D

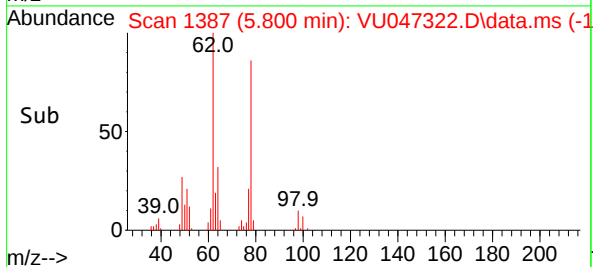
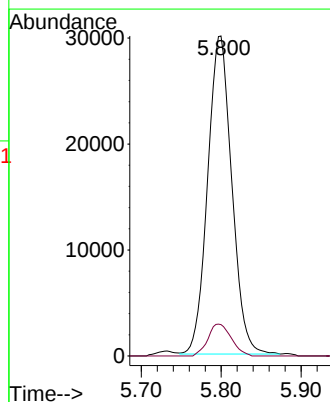
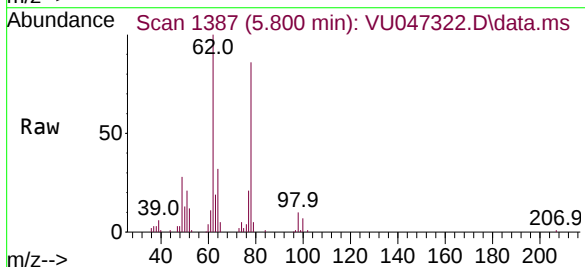
Acq: 03 Mar 2022 17:57

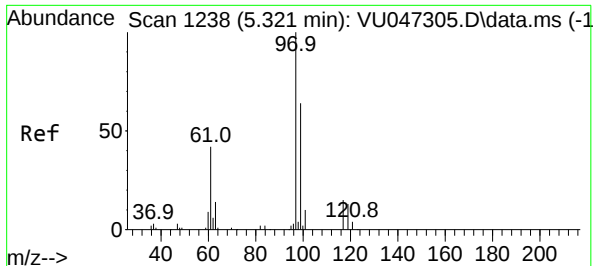
Tgt Ion: 62 Resp: 62908

Ion Ratio Lower Upper

62 100

98 9.8 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.583 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU047322.D

Acq: 03 Mar 2022 17:57

Instrument :

MSVOA_U

ClientSampleId :

VSTD005082

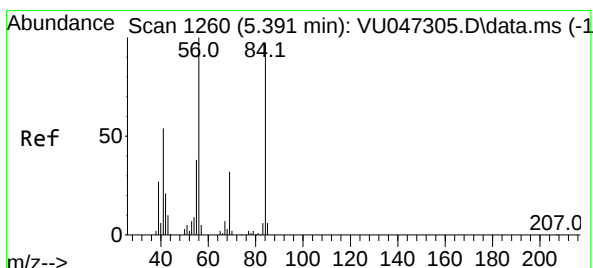
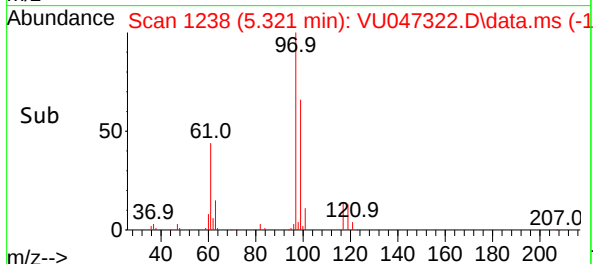
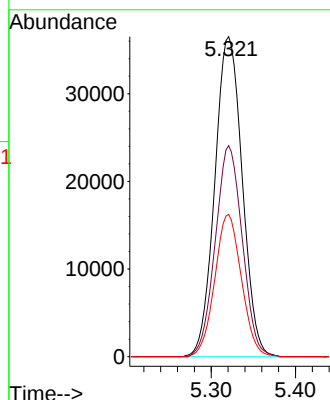
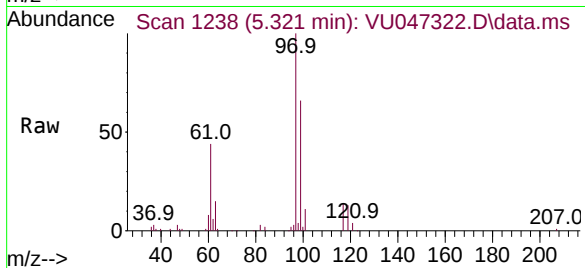
Tgt Ion: 97 Resp: 82538

Ion Ratio Lower Upper

97 100

99 64.9 51.3 76.9

61 43.2 36.1 54.1



#30

Cyclohexane

Concen: 4.754 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VU047322.D

Acq: 03 Mar 2022 17:57

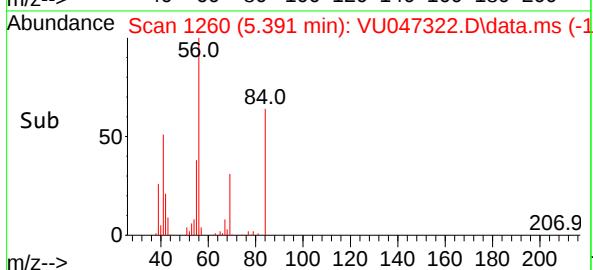
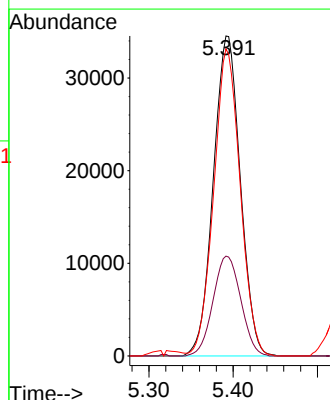
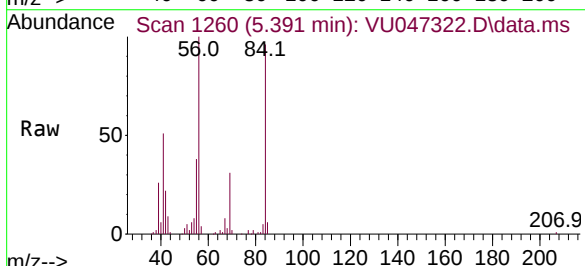
Tgt Ion: 56 Resp: 76713

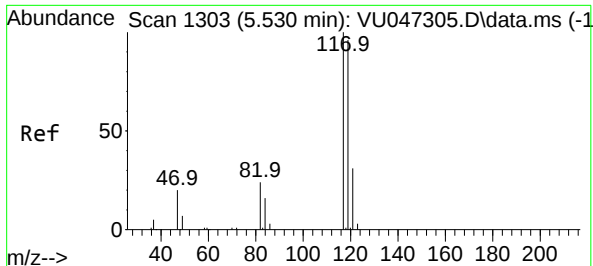
Ion Ratio Lower Upper

56 100

69 32.1 24.7 37.1

84 94.4 71.8 107.6

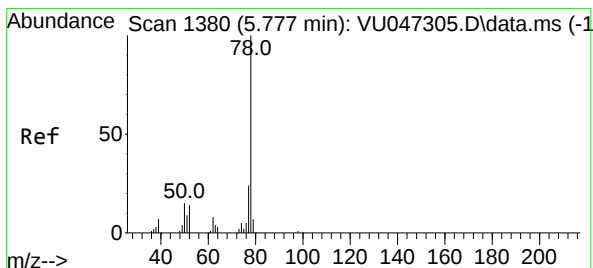
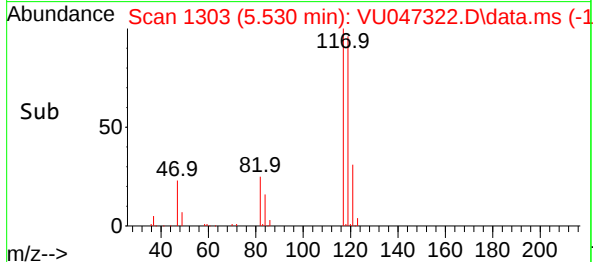
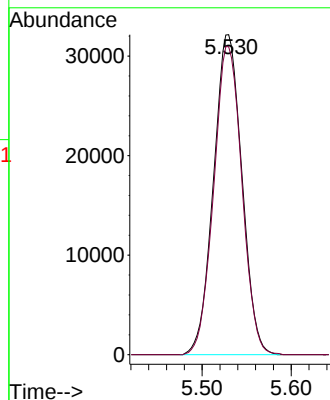
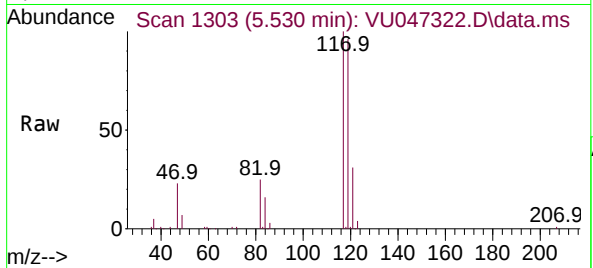




#31
Carbon tetrachloride
Concen: 5.521 ug/L
RT: 5.530 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU047322.D
Acq: 03 Mar 2022 17:57

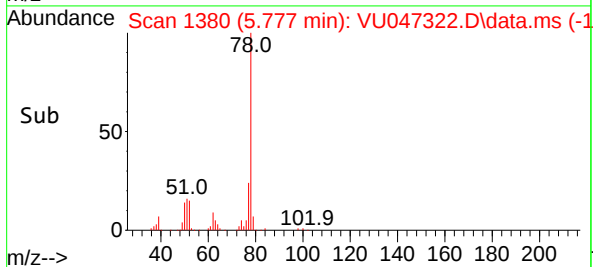
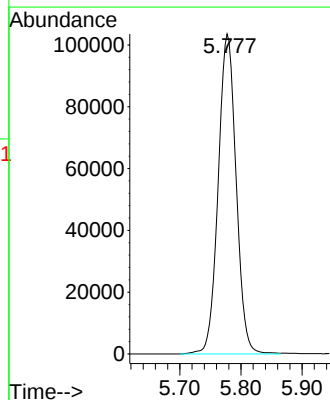
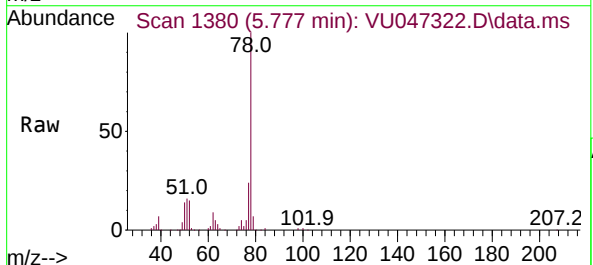
Instrument :
MSVOA_U
ClientSampleId :
VSTD005082

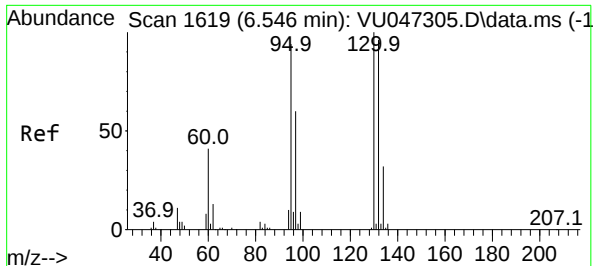
Tgt Ion:117 Resp: 71073
Ion Ratio Lower Upper
117 100
119 95.6 77.5 116.3



#33
Benzene
Concen: 5.438 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047322.D
Acq: 03 Mar 2022 17:57

Tgt Ion: 78 Resp: 210965





#34

Trichloroethene

Concen: 5.568 ug/L

RT: 6.543 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047322.D

Acq: 03 Mar 2022 17:57

Instrument :

MSVOA_U

ClientSampleId :

VSTD005082

Tgt Ion: 95 Resp: 57612

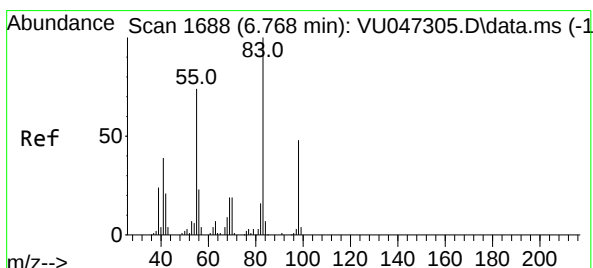
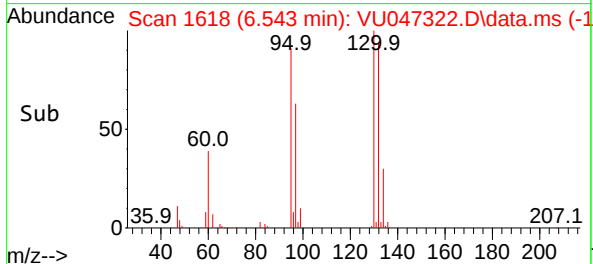
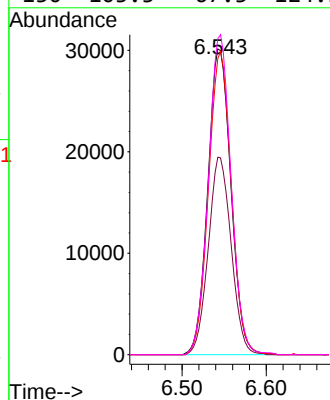
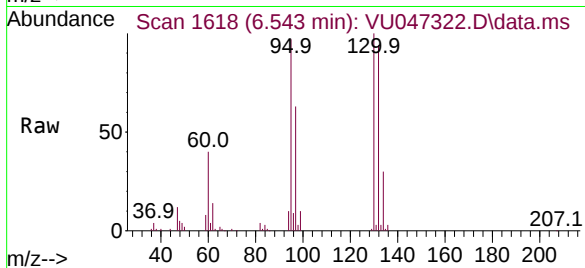
Ion Ratio Lower Upper

95 100

97 64.6 46.5 86.5

132 96.8 65.1 120.9

130 103.3 67.3 124.9



#35

Methylcyclohexane

Concen: 5.000 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. -0.003 min

Lab File: VU047322.D

Acq: 03 Mar 2022 17:57

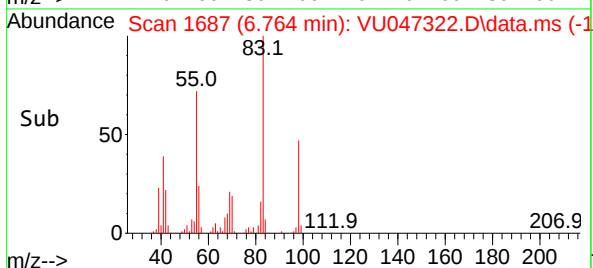
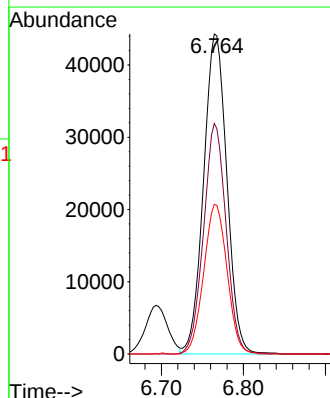
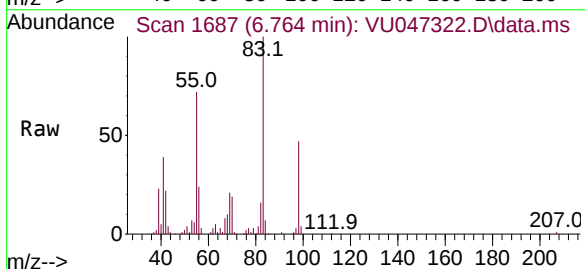
Tgt Ion: 83 Resp: 87311

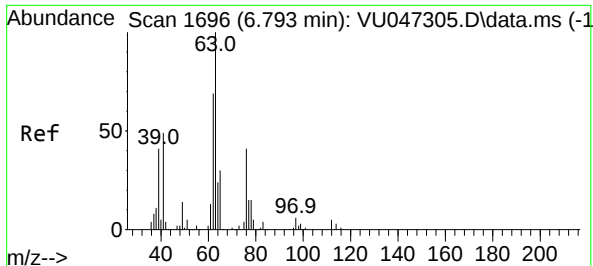
Ion Ratio Lower Upper

83 100

55 69.6 61.9 92.9

98 46.8 39.0 58.6

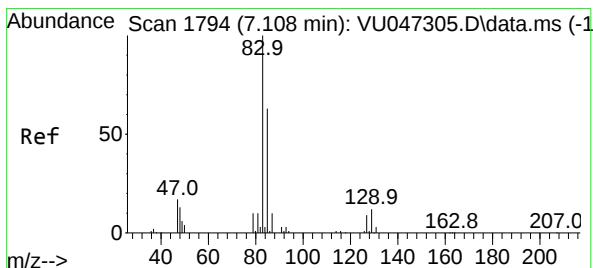
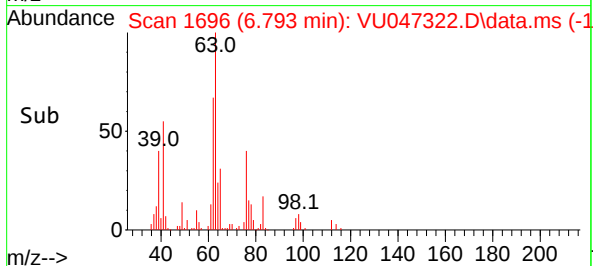
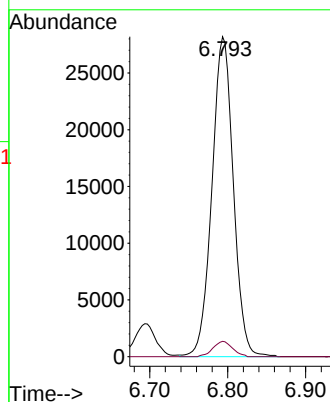
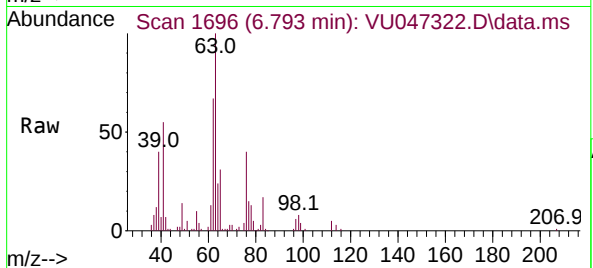




#37
1,2-Dichloropropane
Concen: 5.371 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU047322.D
Acq: 03 Mar 2022 17:57

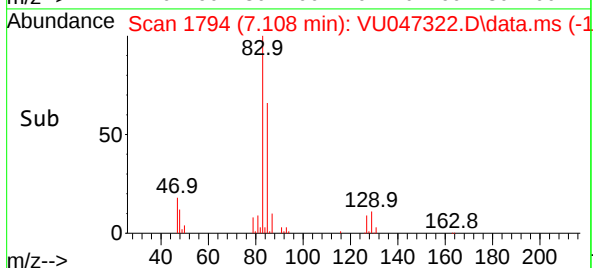
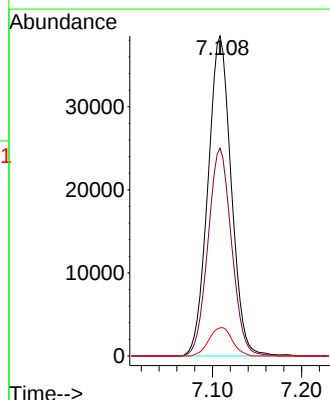
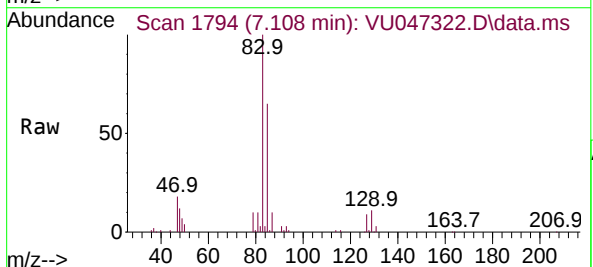
Instrument :
MSVOA_U
ClientSampleId :
VSTD005082

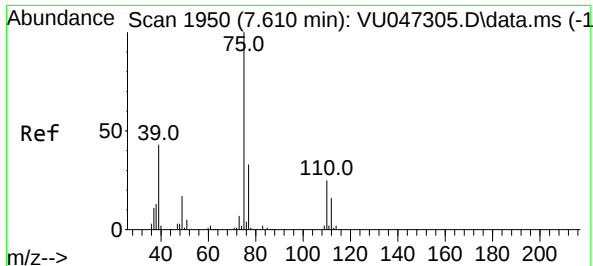
Tgt Ion: 63 Resp: 53859
Ion Ratio Lower Upper
63 100
112 4.4 3.2 4.8



#38
Bromodichloromethane
Concen: 5.459 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU047322.D
Acq: 03 Mar 2022 17:57

Tgt Ion: 83 Resp: 69931
Ion Ratio Lower Upper
83 100
85 64.9 44.0 81.8
127 8.8 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.241 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047322.D

Acq: 03 Mar 2022 17:57

Instrument :

MSVOA_U

ClientSampleId :

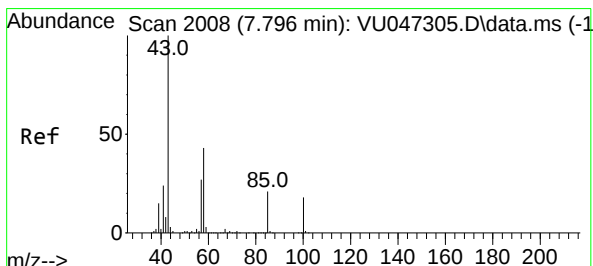
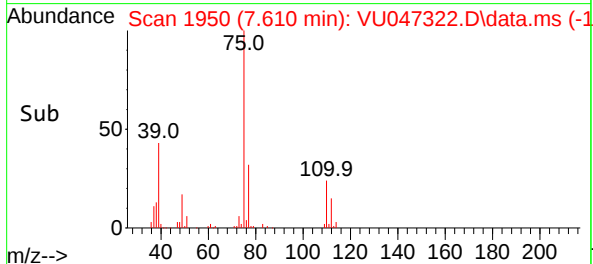
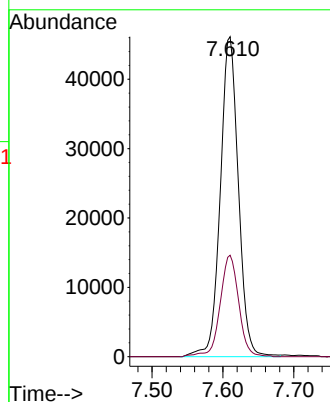
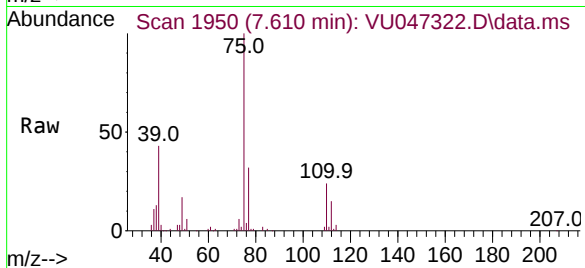
VSTD005082

Tgt Ion: 75 Resp: 81731

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 52.627 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU047322.D

Acq: 03 Mar 2022 17:57

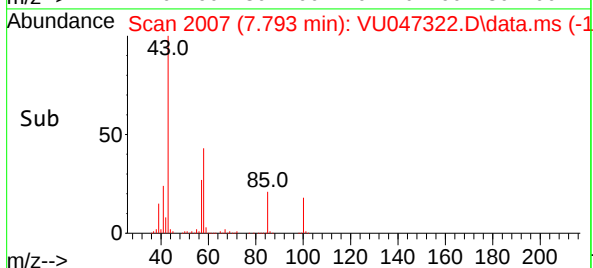
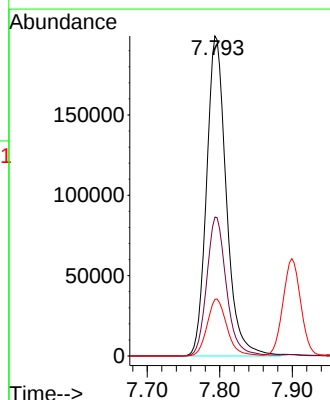
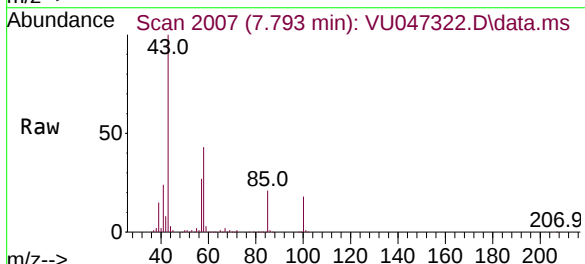
Tgt Ion: 43 Resp: 376565

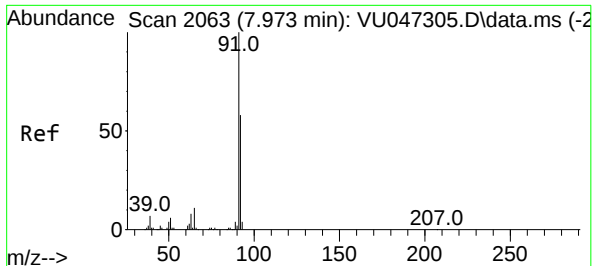
Ion Ratio Lower Upper

43 100

58 43.4 33.1 49.7

100 17.9 13.2 19.8





#42

Toluene

Concen: 5.385 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU047322.D

Acq: 03 Mar 2022 17:57

Instrument :

MSVOA_U

ClientSampleId :

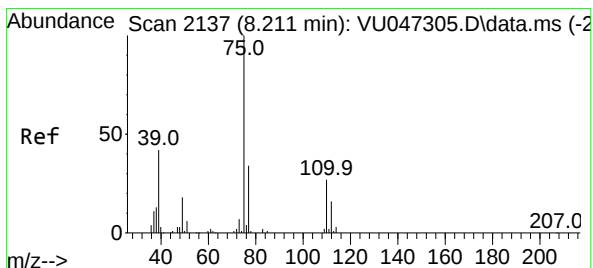
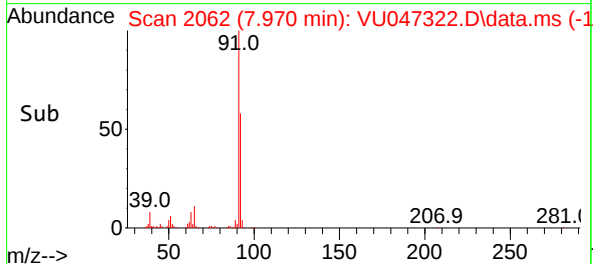
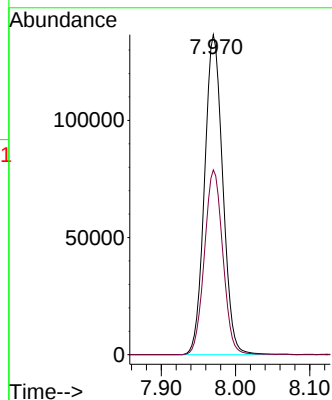
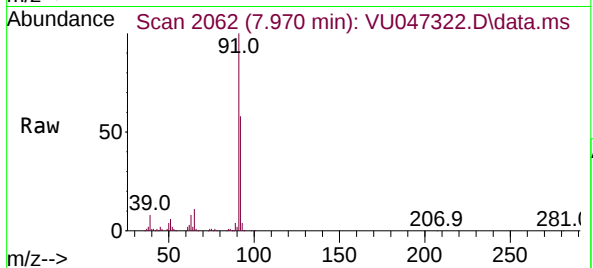
VSTD005082

Tgt Ion: 91 Resp: 232551

Ion Ratio Lower Upper

91 100

92 57.7 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.146 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047322.D

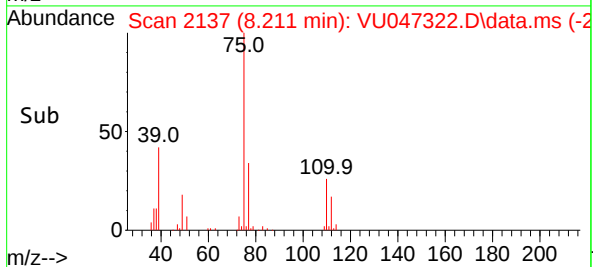
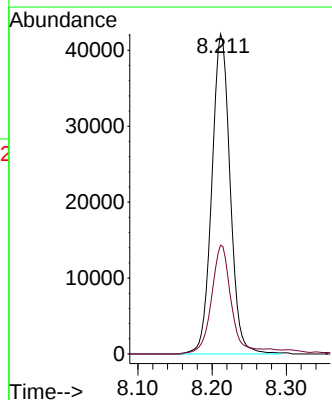
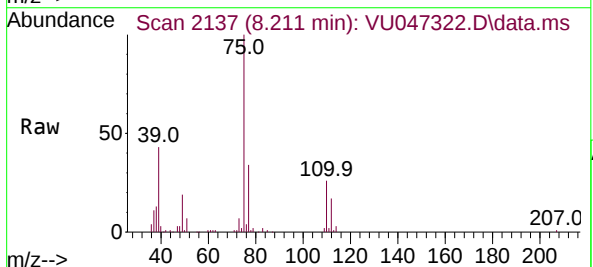
Acq: 03 Mar 2022 17:57

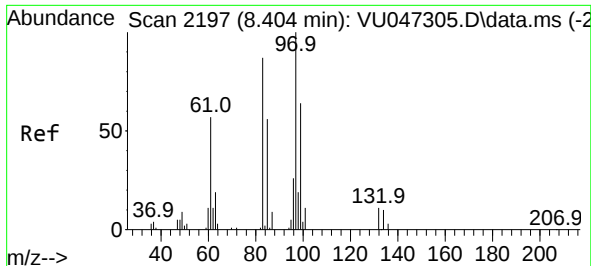
Tgt Ion: 75 Resp: 72289

Ion Ratio Lower Upper

75 100

77 34.0 22.7 42.3

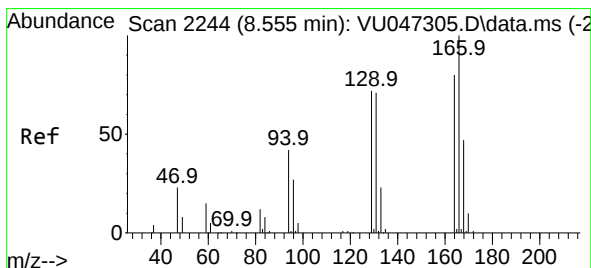
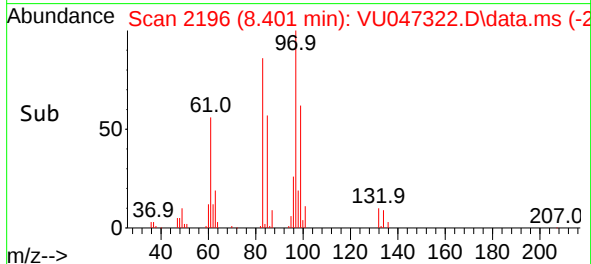
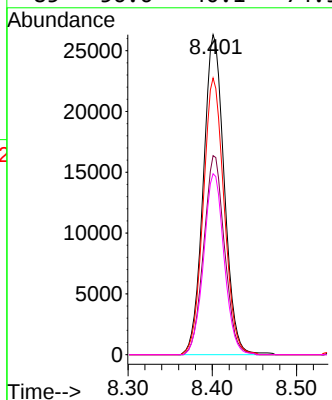
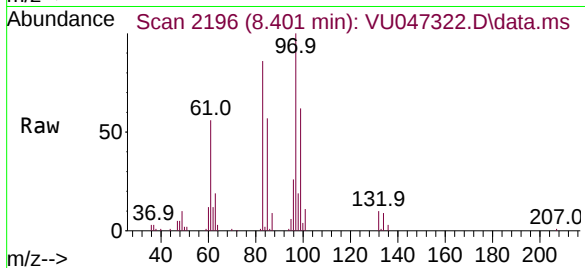




#45
1,1,2-Trichloroethane
Concen: 5.849 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU047322.D
Acq: 03 Mar 2022 17:57

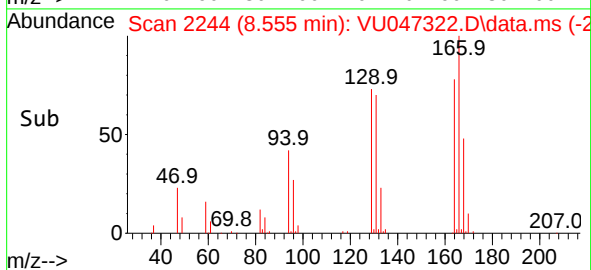
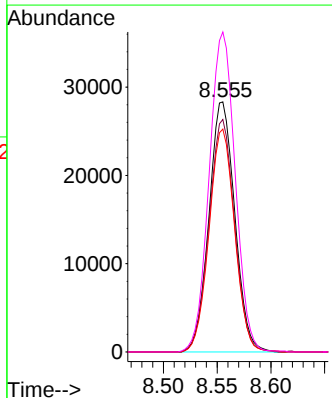
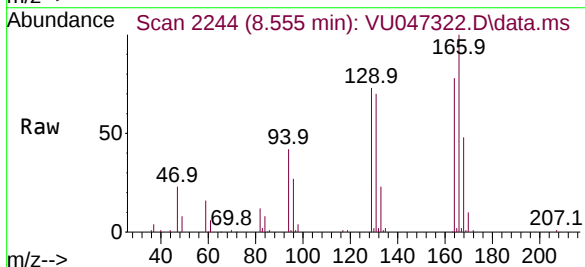
Instrument :
MSVOA_U
ClientSampleId :
VSTD005082

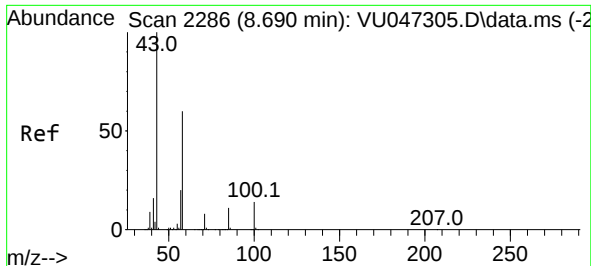
Tgt Ion:	97	Resp:	45545
Ion	Ratio	Lower	Upper
97	100		
99	62.2	42.3	78.5
83	86.5	62.0	115.2
85	56.6	40.1	74.5



#47
Tetrachloroethene
Concen: 5.649 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047322.D
Acq: 03 Mar 2022 17:57

Tgt Ion:	164	Resp:	47435
Ion	Ratio	Lower	Upper
164	100		
129	92.9	71.8	133.4
131	89.1	68.5	127.3
166	128.0	94.1	174.8

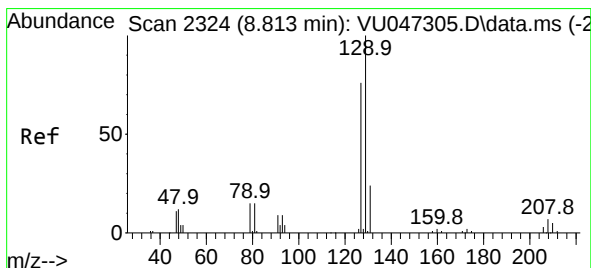
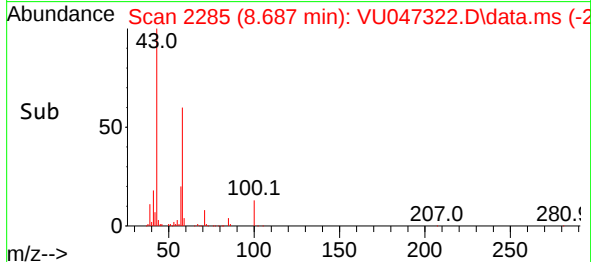
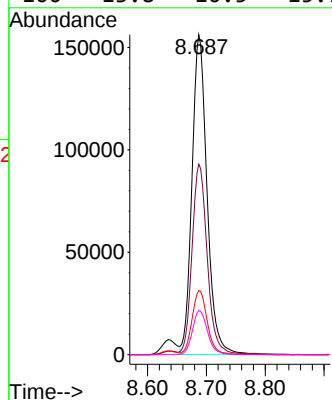
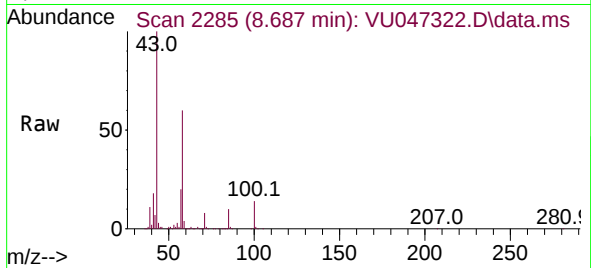




#48
2-Hexanone
Concen: 52.233 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047322.D
Acq: 03 Mar 2022 17:57

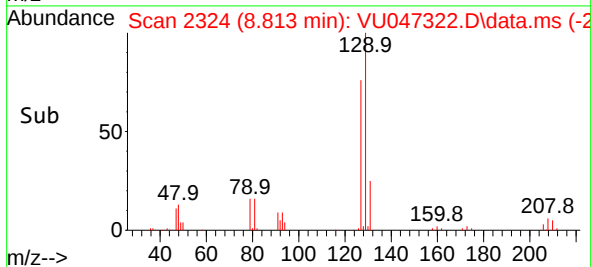
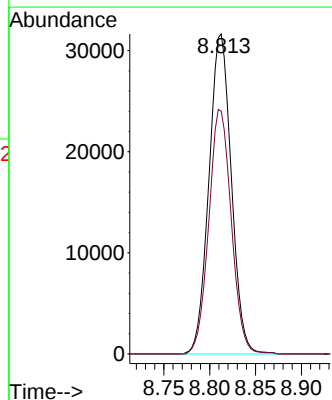
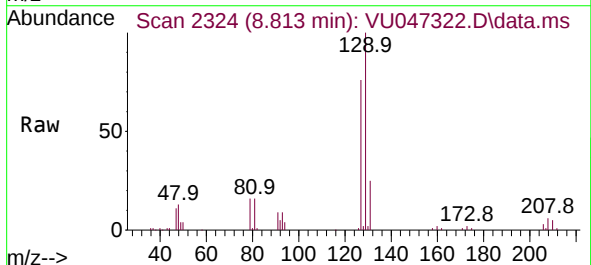
Instrument :
MSVOA_U
ClientSampleId :
VSTD005082

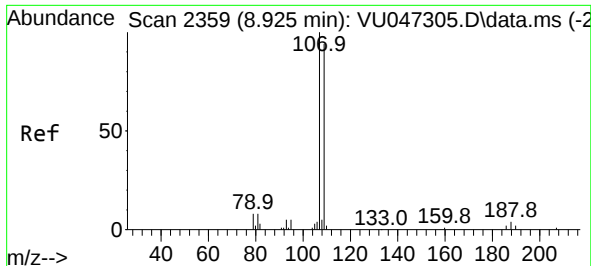
Tgt Ion: 43 Resp: 277882
Ion Ratio Lower Upper
43 100
58 59.8 46.7 70.1
57 20.2 16.3 24.5
100 13.8 10.5 15.7



#49
Dibromochloromethane
Concen: 5.730 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047322.D
Acq: 03 Mar 2022 17:57

Tgt Ion: 129 Resp: 53746
Ion Ratio Lower Upper
129 100
127 75.9 55.4 102.8





#50

1,2-Dibromoethane

Concen: 5.790 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047322.D

Acq: 03 Mar 2022 17:57

Instrument :

MSVOA_U

ClientSampleId :

VSTD005082

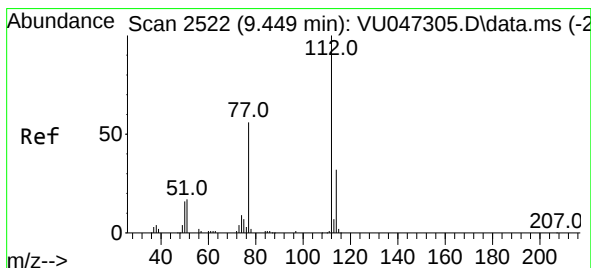
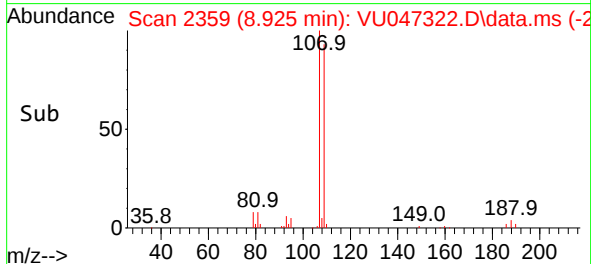
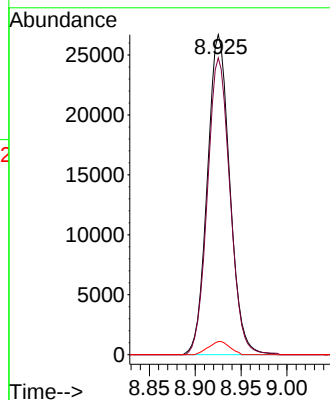
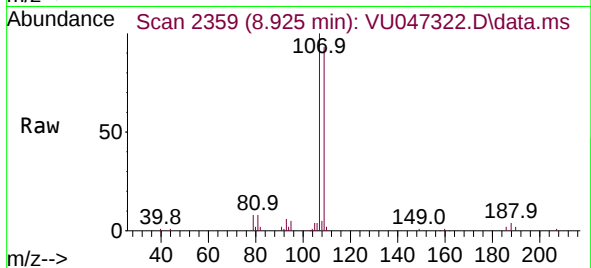
Tgt Ion:107 Resp: 45475

Ion Ratio Lower Upper

107 100

109 92.7 64.0 119.0

188 4.1 2.4 3.6#



#51

Chlorobenzene

Concen: 5.576 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU047322.D

Acq: 03 Mar 2022 17:57

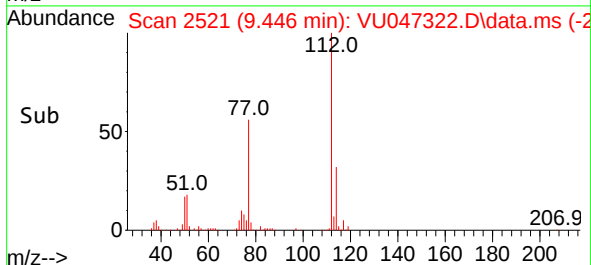
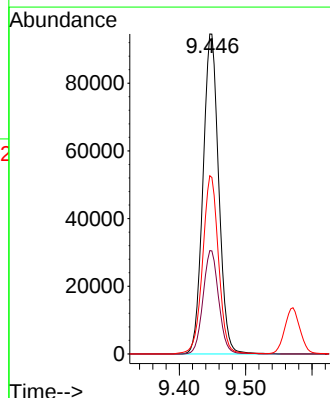
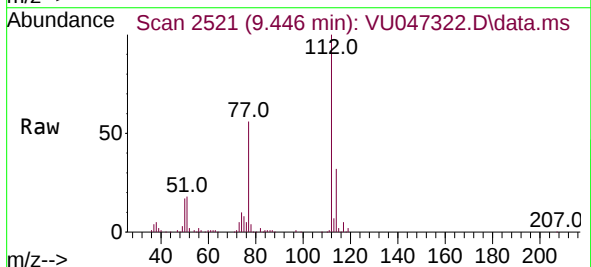
Tgt Ion:112 Resp: 155451

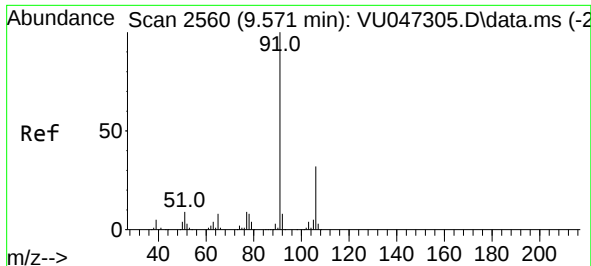
Ion Ratio Lower Upper

112 100

114 32.3 22.1 41.1

77 55.7 48.3 72.5

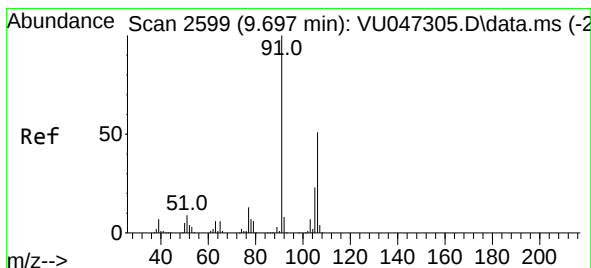
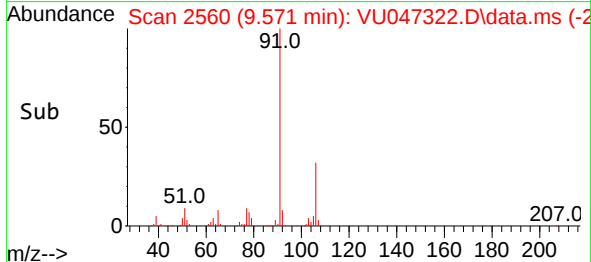
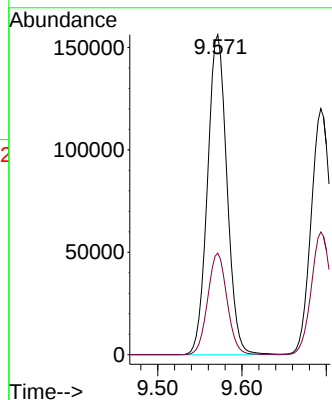
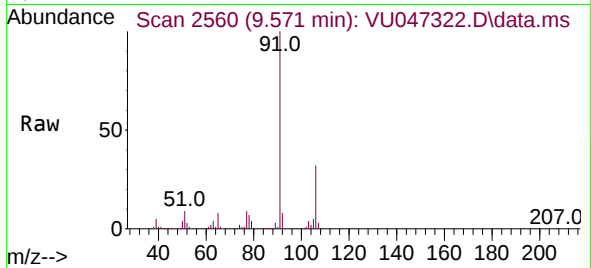




#52
Ethylbenzene
Concen: 5.298 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047322.D
Acq: 03 Mar 2022 17:57

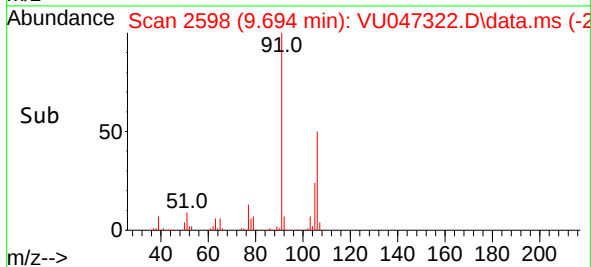
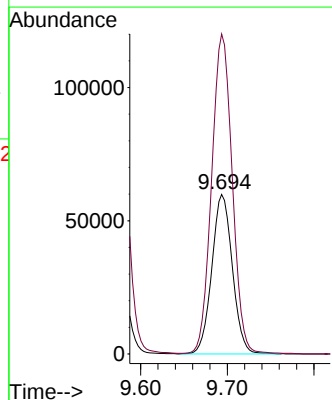
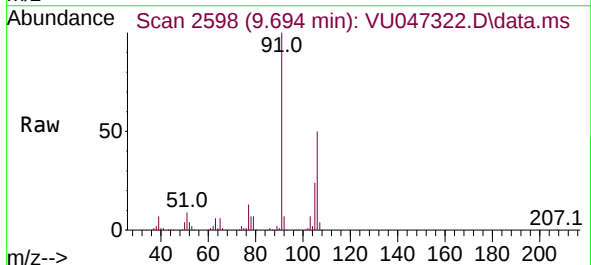
Instrument :
MSVOA_U
ClientSampleId :
VSTD005082

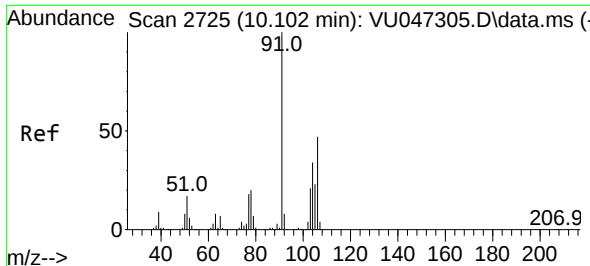
Tgt Ion: 91 Resp: 250738
Ion Ratio Lower Upper
91 100
106 31.8 21.5 39.9



#53
m,p-Xylene
Concen: 5.311 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU047322.D
Acq: 03 Mar 2022 17:57

Tgt Ion: 106 Resp: 98684
Ion Ratio Lower Upper
106 100
91 200.5 139.4 259.0

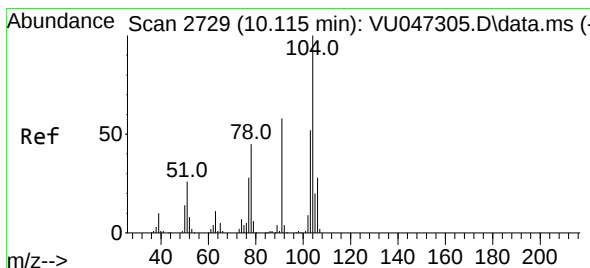
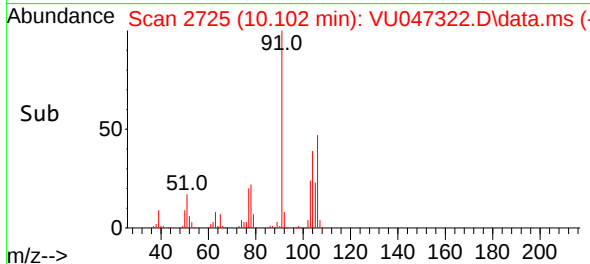
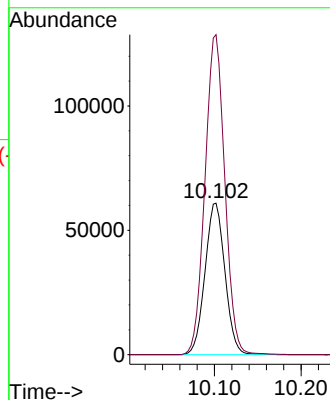
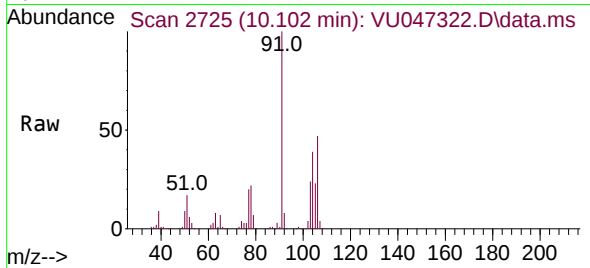




#54
o-Xylene
Concen: 5.385 ug/L
RT: 10.102 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047322.D
Acq: 03 Mar 2022 17:57

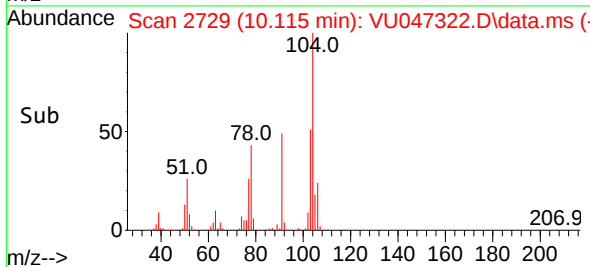
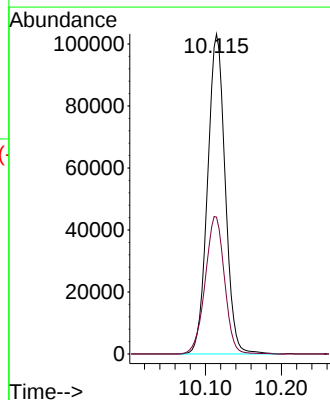
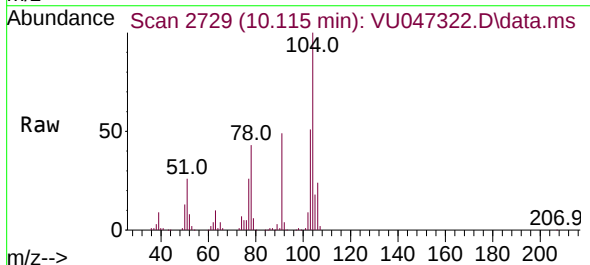
Instrument :
MSVOA_U
ClientSampleId :
VSTD005082

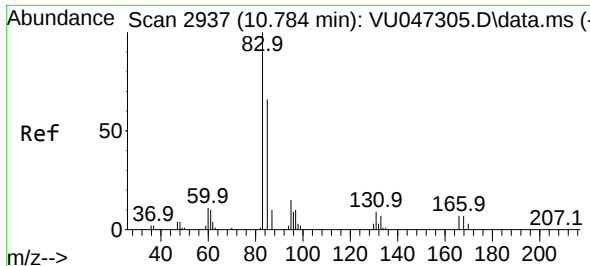
Tgt Ion:106 Resp: 97435
Ion Ratio Lower Upper
106 100
91 211.2 147.5 273.9



#55
Styrene
Concen: 5.477 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047322.D
Acq: 03 Mar 2022 17:57

Tgt Ion:104 Resp: 165803
Ion Ratio Lower Upper
104 100
78 42.7 33.0 61.4





#57

1,1,2-Tetrachloroethane

Concen: 5.910 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU047322.D

Acq: 03 Mar 2022 17:57

Instrument :

MSVOA_U

ClientSampleId :

VSTD005082

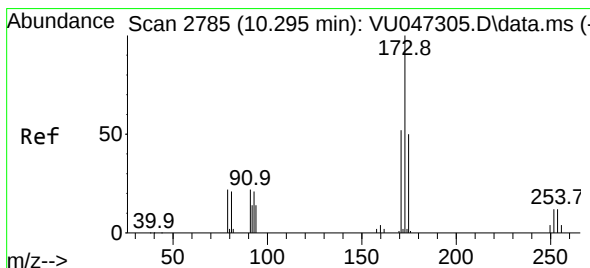
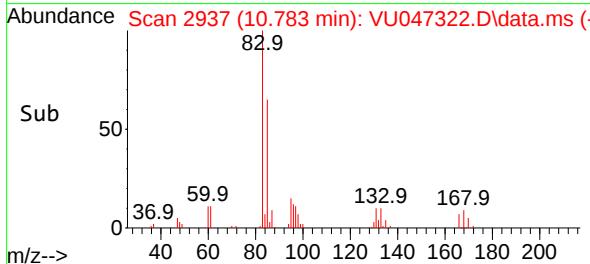
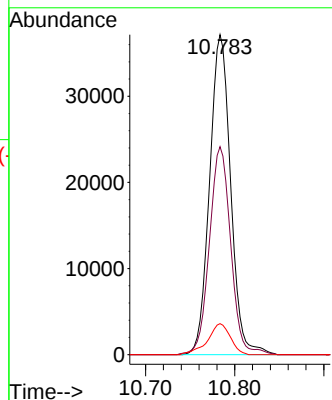
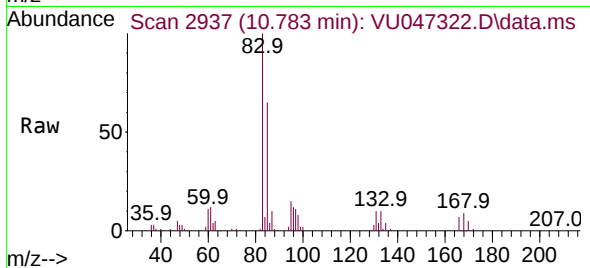
Tgt Ion: 83 Resp: 60911

Ion Ratio Lower Upper

83 100

85 65.0 47.9 89.1

131 9.7 8.1 12.1



#59

Bromoform

Concen: 5.549 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. -0.003 min

Lab File: VU047322.D

Acq: 03 Mar 2022 17:57

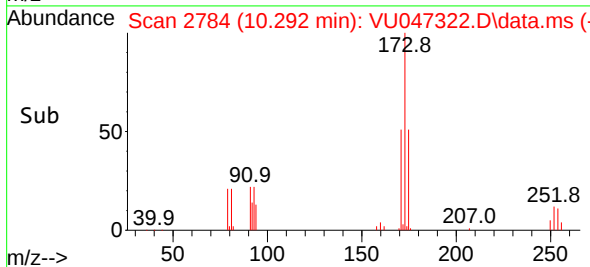
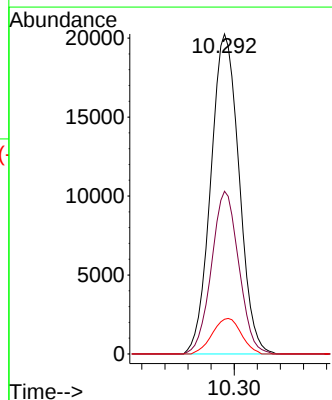
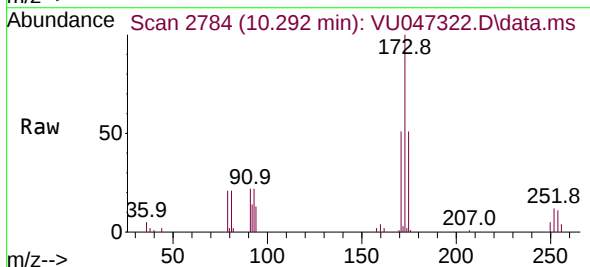
Tgt Ion:173 Resp: 34386

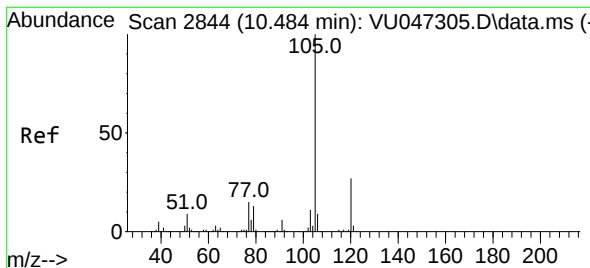
Ion Ratio Lower Upper

173 100

175 49.2 37.8 56.6

254 11.4 7.3 10.9#





#60

Isopropylbenzene

Concen: 5.122 ug/L

RT: 10.484 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU047322.D

Acq: 03 Mar 2022 17:57

Instrument :

MSVOA_U

ClientSampleId :

VSTD005082

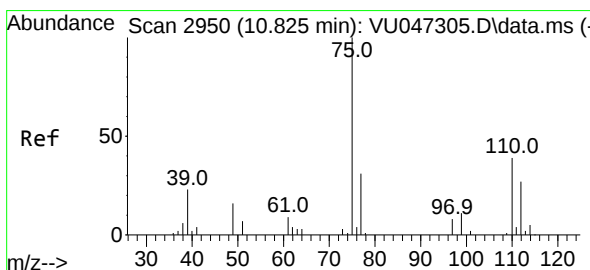
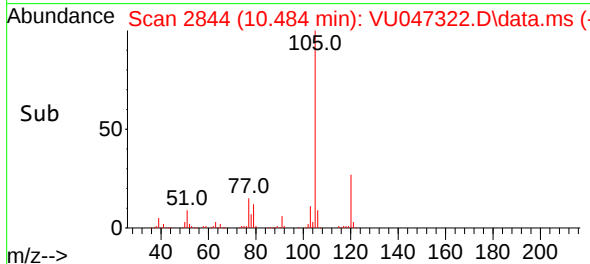
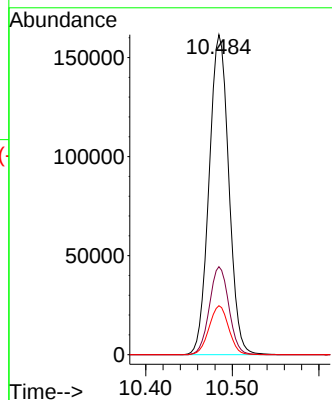
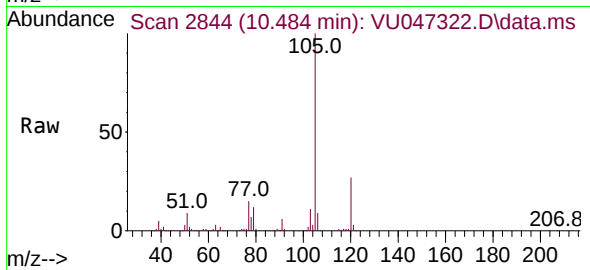
Tgt Ion:105 Resp: 255689

Ion Ratio Lower Upper

105 100

120 27.1 20.7 31.1

77 15.2 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.329 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU047322.D

Acq: 03 Mar 2022 17:57

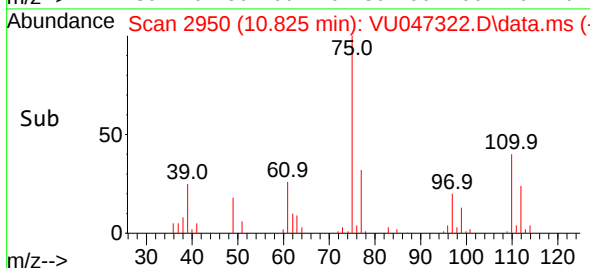
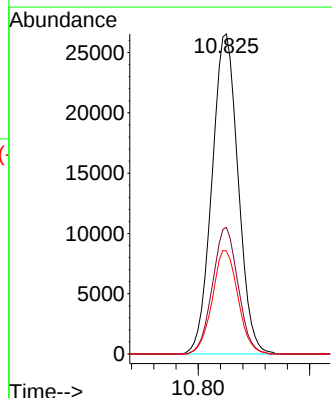
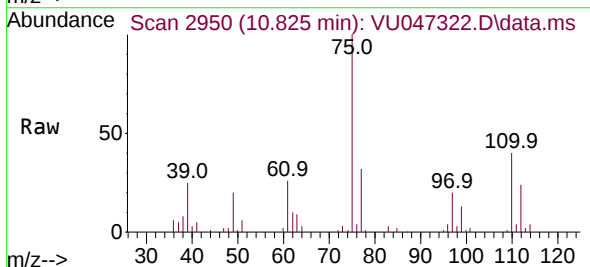
Tgt Ion: 75 Resp: 43294

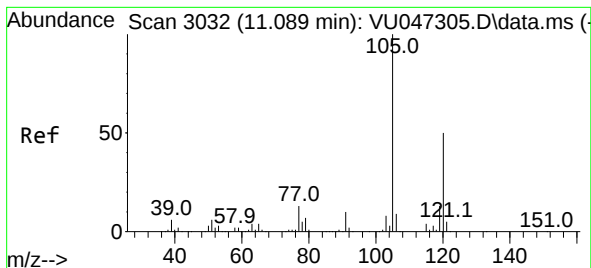
Ion Ratio Lower Upper

75 100

110 38.6 29.9 44.9

77 31.8 25.5 38.3

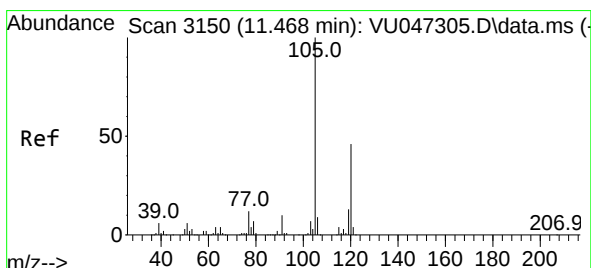
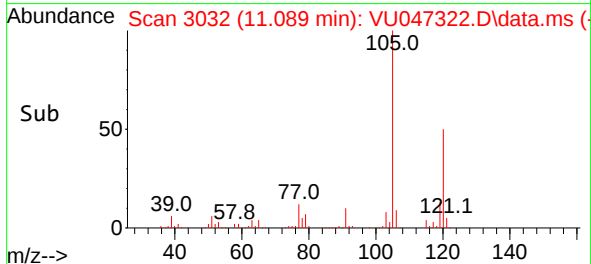
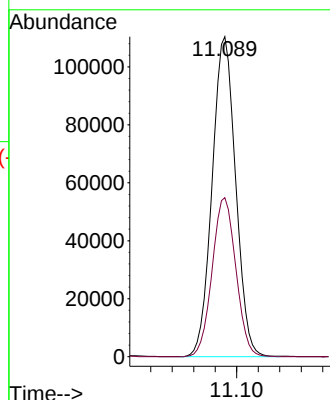
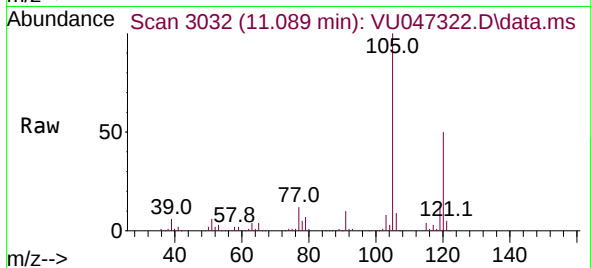




#62
1,3,5-Trimethylbenzene
Concen: 5.032 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047322.D
Acq: 03 Mar 2022 17:57

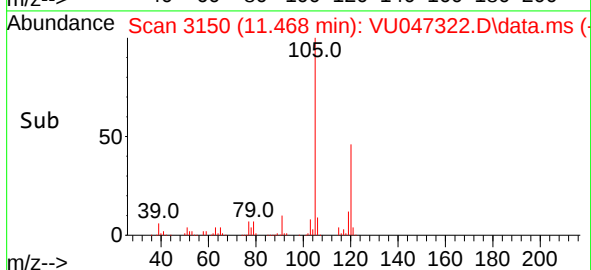
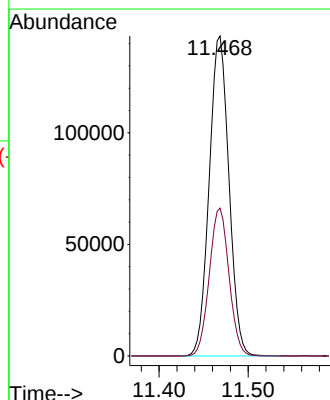
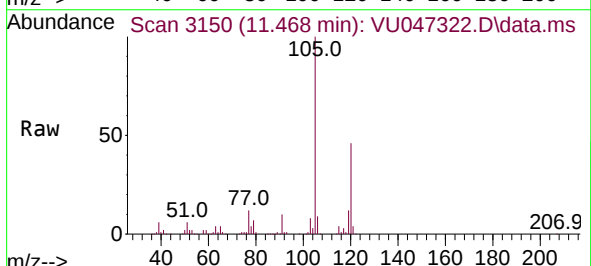
Instrument :
MSVOA_U
ClientSampleId :
VSTD005082

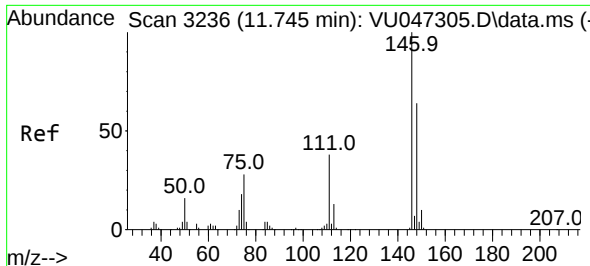
Tgt Ion:105 Resp: 167724
Ion Ratio Lower Upper
105 100
120 50.1 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 5.139 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047322.D
Acq: 03 Mar 2022 17:57

Tgt Ion:105 Resp: 220518
Ion Ratio Lower Upper
105 100
120 46.0 35.8 53.8

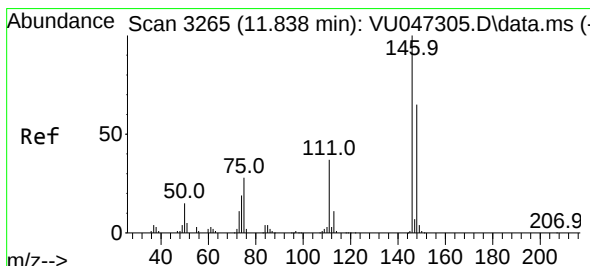
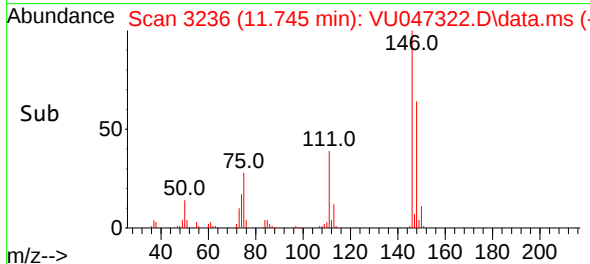
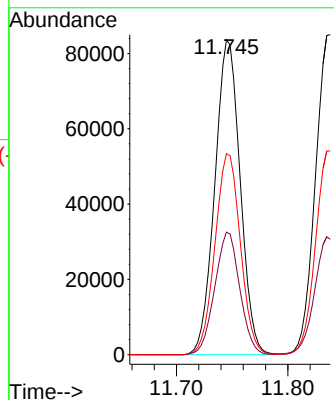
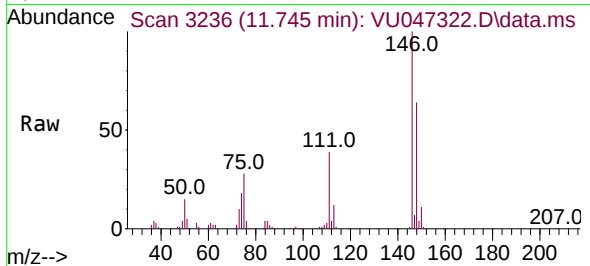




#64
1,3-Dichlorobenzene
Concen: 5.493 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047322.D
Acq: 03 Mar 2022 17:57

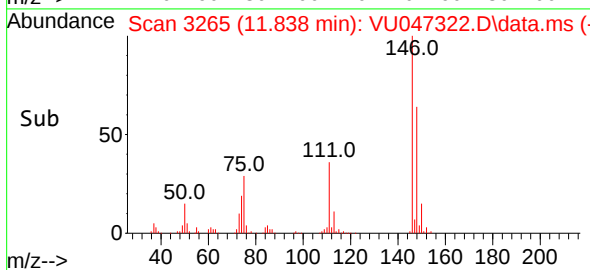
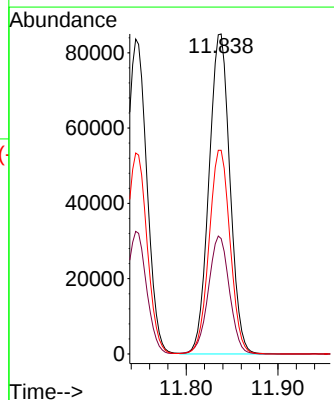
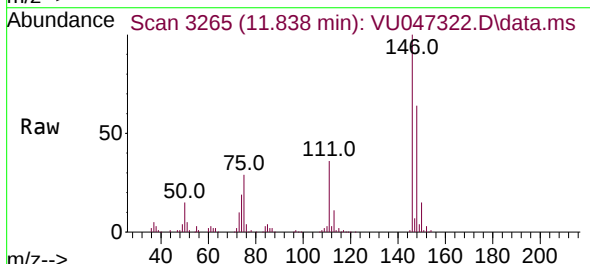
Instrument :
MSVOA_U
ClientSampleId :
VSTD005082

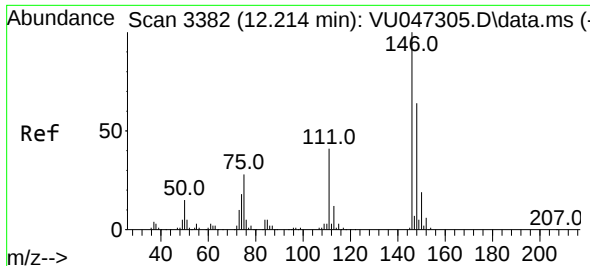
Tgt Ion:146 Resp: 132237
Ion Ratio Lower Upper
146 100
111 38.9 29.9 55.5
148 63.8 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.541 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU047322.D
Acq: 03 Mar 2022 17:57

Tgt Ion:146 Resp: 134972
Ion Ratio Lower Upper
146 100
111 36.1 28.7 53.3
148 63.7 45.8 85.0

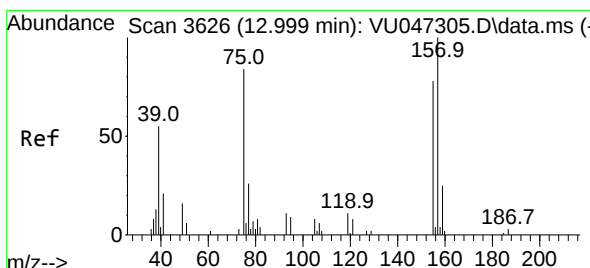
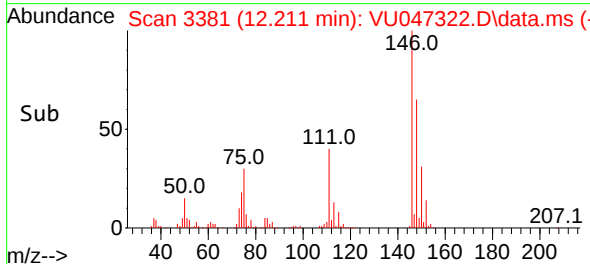
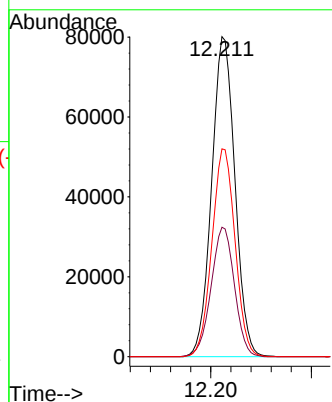
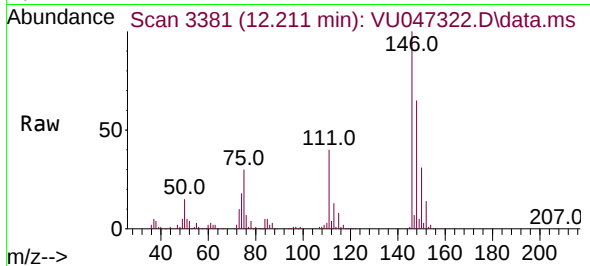




#67
1,2-Dichlorobenzene
Concen: 5.602 ug/L
RT: 12.211 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU047322.D
Acq: 03 Mar 2022 17:57

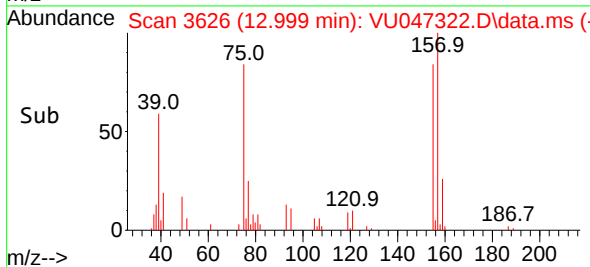
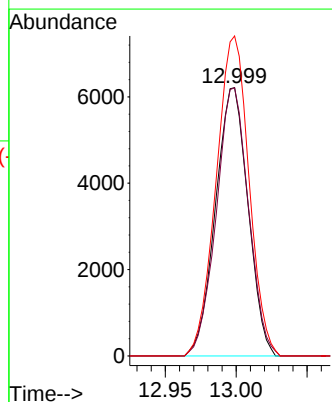
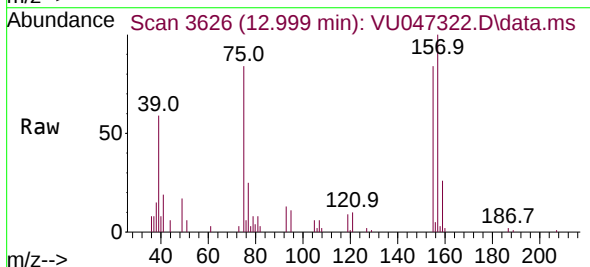
Instrument :
MSVOA_U
ClientSampleId :
VSTD005082

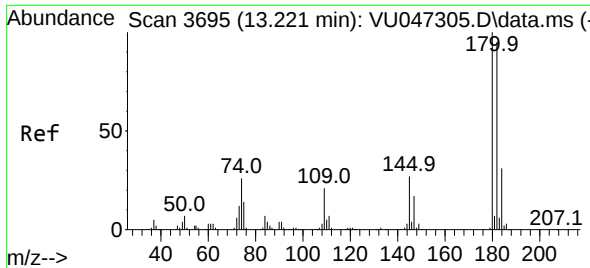
Tgt Ion:146 Resp: 128473
Ion Ratio Lower Upper
146 100
111 40.5 35.4 53.0
148 65.0 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.281 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU047322.D
Acq: 03 Mar 2022 17:57

Tgt Ion: 75 Resp: 9911
Ion Ratio Lower Upper
75 100
155 100.0 59.2 88.8#
157 119.2 76.5 114.7#



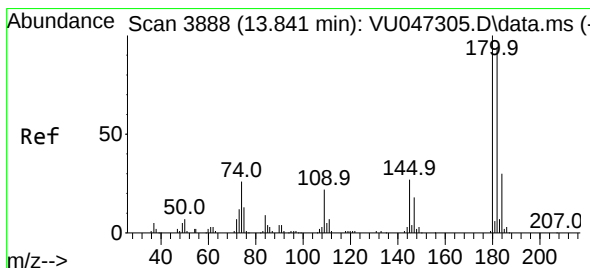
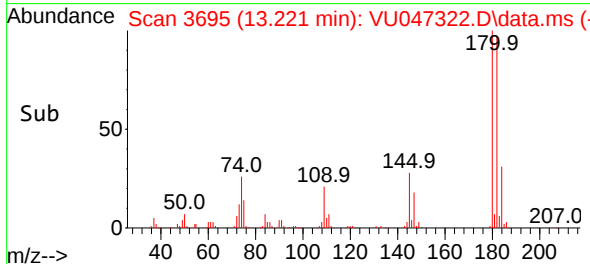
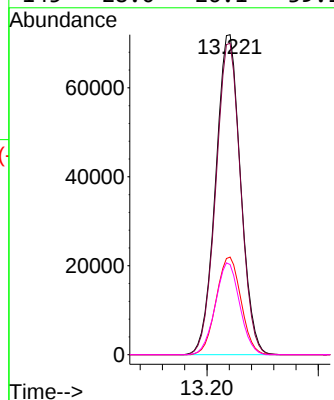
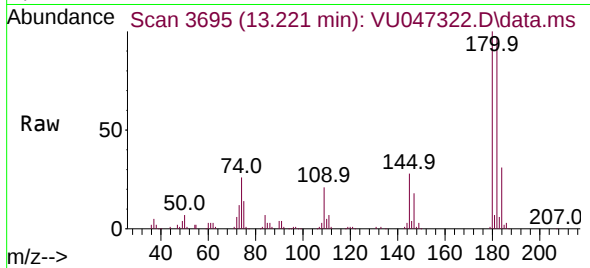


#69
 1,3,5-Trichlorobenzene
 Concen: 5.629 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU047322.D
 Acq: 03 Mar 2022 17:57

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005082

Tgt Ion:180 Resp: 111971

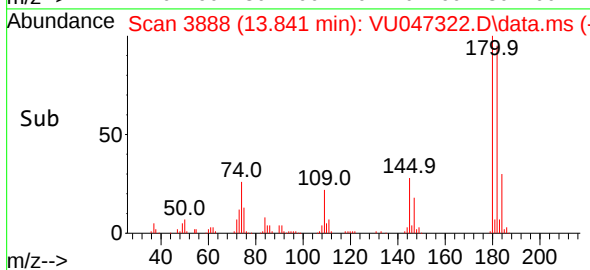
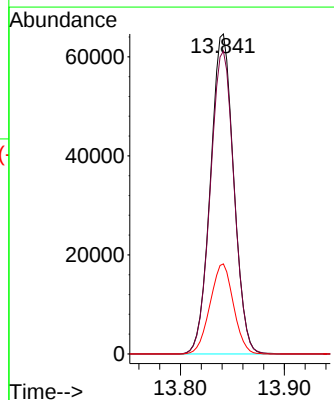
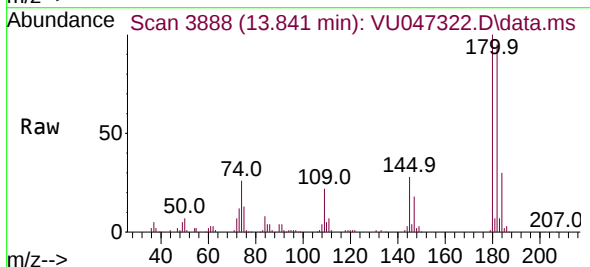
Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.1	114.1
184	30.4	25.0	37.4
145	28.0	26.1	39.1

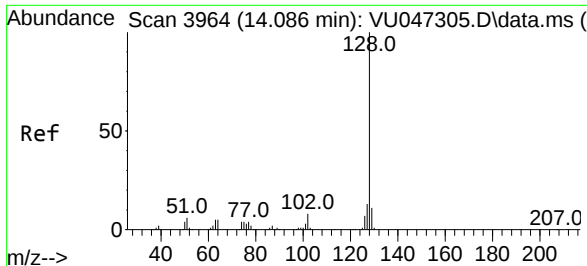


#70
 1,2,4-trichlorobenzene
 Concen: 5.423 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047322.D
 Acq: 03 Mar 2022 17:57

Tgt Ion:180 Resp: 100429

Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.4	114.6
145	28.4	25.6	38.4

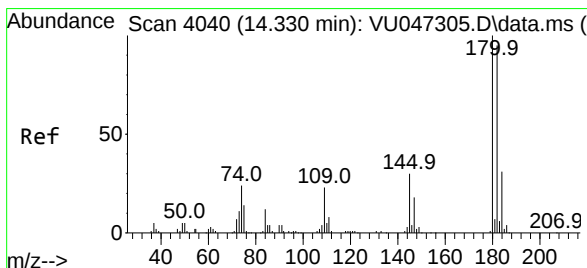
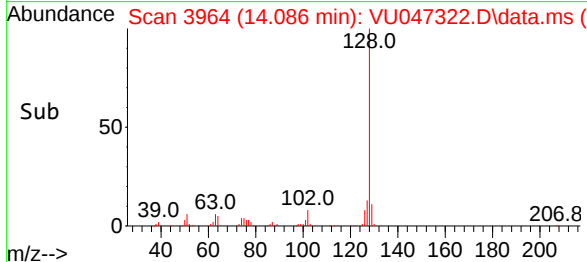
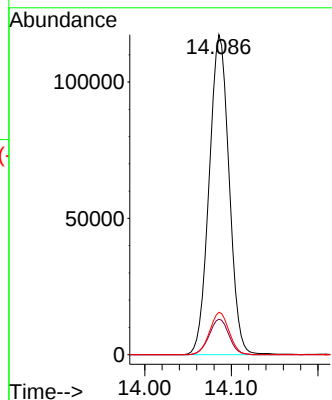
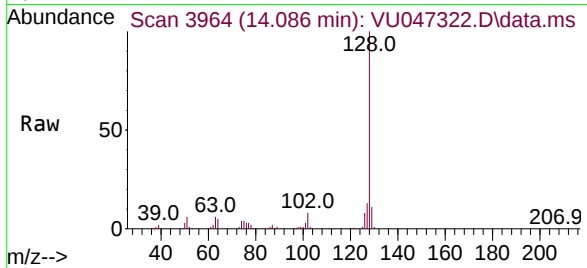




#71
Naphthalene
Concen: 4.909 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU047322.D
Acq: 03 Mar 2022 17:57

Instrument :
MSVOA_U
ClientSampleId :
VSTD005082

Tgt Ion:128 Resp: 187616
Ion Ratio Lower Upper
128 100
129 11.0 8.4 12.6
127 12.9 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.386 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047322.D
Acq: 03 Mar 2022 17:57

Tgt Ion:180 Resp: 93811
Ion Ratio Lower Upper
180 100
182 96.2 76.2 114.4
145 29.2 28.4 42.6

