

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U030422\
 Data File : U047331.D
 Acq On : 04 Mar 2022 15:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005084

Quant Time: Mar 04 23:13:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 14:58:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	193826	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	186653	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	107767	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	70126	5.098	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.000%
7) Chloroethane-d5	1.919	69	59343	5.171	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.400%
11) 1,1-Dichloroethene-d2	2.575	65	29761	5.122	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.400%
20) 2-Butanone-d5	4.642	46	187863	41.597	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.200%
24) Chloroform-d	5.070	84	132074	5.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.706	65	73441	5.148	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.732	84	269611	5.129	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
36) 1,2-Dichloropropane-d6	6.694	67	84394	5.154	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.899	98	258672	5.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
43) trans-1,3-Dichloroprop...	8.182	79	37903	5.268	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.400%
46) 2-Hexanone-d5	8.636	63	214683	52.428	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.860%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	85977	5.154	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	110946	5.254	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	74977	6.135	ug/L	99
3) Chloromethane	1.527	50	74194	5.490	ug/L	100
5) Vinyl chloride	1.607	62	72529	5.643	ug/L	99
6) Bromomethane	1.864	94	39797	5.717	ug/L	96
8) Chloroethane	1.941	64	42654	5.738	ug/L	98
9) Trichlorofluoromethane	2.144	101	97213	6.085	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	58262	6.248	ug/L	92
12) 1,1-Dichloroethene	2.588	96	55296	5.820	ug/L	80
13) Acetone	2.662	43	76741	42.095	ug/L	99
14) Carbon disulfide	2.800	76	177548	5.798	ug/L	99
15) Methyl Acetate	2.967	43	24989	5.983	ug/L	97
16) Methylene chloride	3.054	84	61867	5.594	ug/L	93
17) Methyl tert-butyl Ether	3.369	73	143685	5.648	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	59556	5.772	ug/L	90
19) 1,1-Dichloroethane	3.877	63	100235	5.835	ug/L	99
21) 2-Butanone	4.723	43	151204	43.631	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	64391	5.733	ug/L	95
23) Bromochloromethane	4.980	128	32144	5.730	ug/L	# 84
25) Chloroform	5.092	83	105907	5.635	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047331.D
 Acq On : 04 Mar 2022 15:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

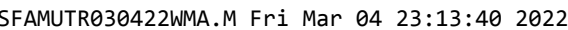
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005084

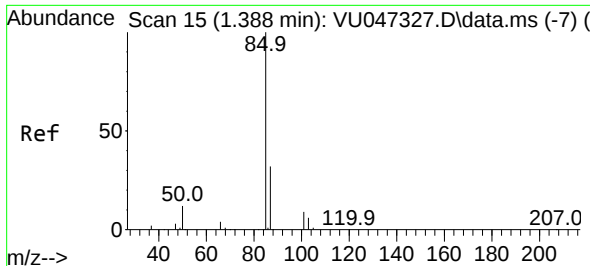
Quant Time: Mar 04 23:13:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 14:58:10 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	70517	5.570	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	91768	5.855	ug/L	98
30) Cyclohexane	5.395	56	94302	6.149	ug/L	97
31) Carbon tetrachloride	5.530	117	80390	5.940	ug/L	100
33) Benzene	5.777	78	242372	5.754	ug/L	100
34) Trichloroethene	6.546	95	64209	5.799	ug/L	93
35) Methylcyclohexane	6.768	83	108169	6.372	ug/L	93
37) 1,2-Dichloropropane	6.793	63	58910	5.639	ug/L	100
38) Bromodichloromethane	7.108	83	77503	5.653	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	93106	5.613	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	437397	55.508	ug/L	97
42) Toluene	7.970	91	267832	5.866	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	86174	5.863	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	51107	5.657	ug/L	97
47) Tetrachloroethene	8.555	164	56380	5.978	ug/L	92
48) 2-Hexanone	8.687	43	330853	56.293	ug/L	99
49) Dibromochloromethane	8.812	129	61573	5.792	ug/L	99
50) 1,2-Dibromoethane	8.925	107	52904	5.733	ug/L #	98
51) Chlorobenzene	9.449	112	176797	5.750	ug/L	96
52) Ethylbenzene	9.571	91	289904	5.935	ug/L	99
53) m,p-Xylene	9.697	106	113809	5.863	ug/L	99
54) o-Xylene	10.102	106	110883	5.924	ug/L	100
55) Styrene	10.115	104	188297	5.933	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.783	83	69048	5.522	ug/L	96
59) Bromoform	10.291	173	39444	5.673	ug/L #	97
60) Isopropylbenzene	10.484	105	292177	6.043	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	49764	5.561	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	195605	6.062	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	253096	6.022	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	151534	5.858	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	154106	5.815	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	148019	5.786	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.996	75	11478	5.615	ug/L #	76
69) 1,3,5-Trichlorobenzene	13.221	180	130984	6.073	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	118692	6.055	ug/L	97
71) Naphthalene	14.086	128	229311	5.868	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	109788	6.017	ug/L	96

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

Quant Time: Mar 04 23:13:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 04 14:58:10 2022
Response via : Initial Calibration

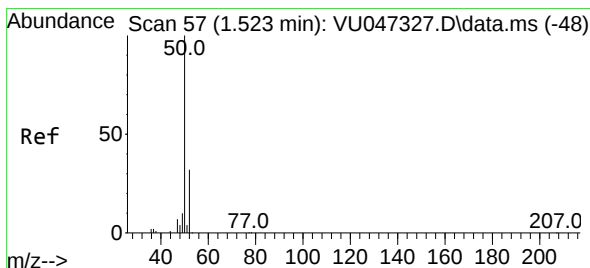
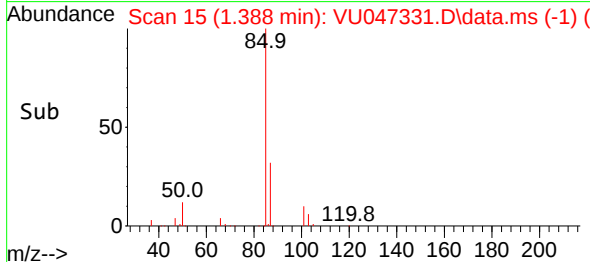
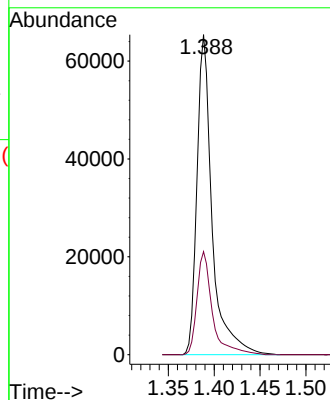
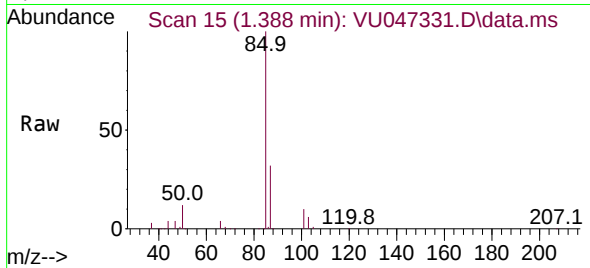




#2
Dichlorodifluoromethane
Concen: 6.135 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU047331.D
Acq: 04 Mar 2022 15:27

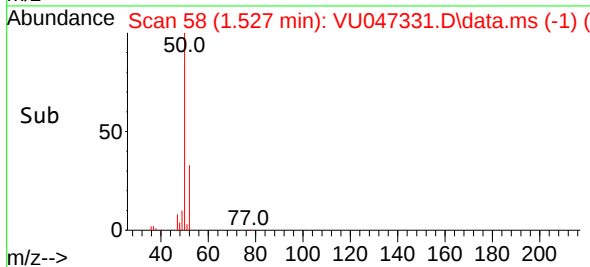
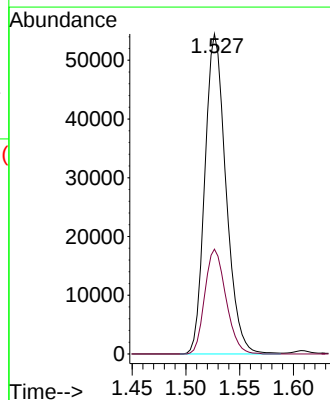
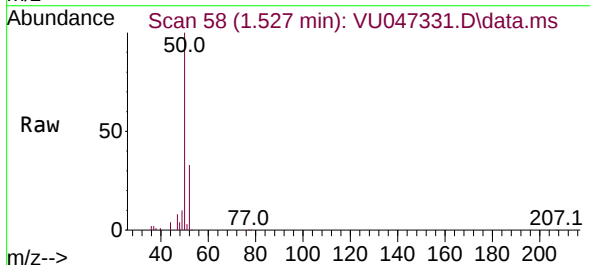
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

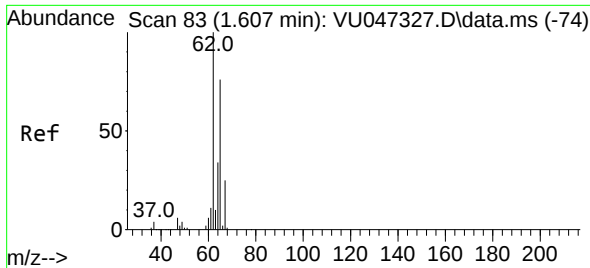
Tgt Ion: 85 Resp: 74977
Ion Ratio Lower Upper
85 100
87 32.8 25.8 38.6



#3
Chloromethane
Concen: 5.490 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU047331.D
Acq: 04 Mar 2022 15:27

Tgt Ion: 50 Resp: 74194
Ion Ratio Lower Upper
50 100
52 32.7 23.0 42.8

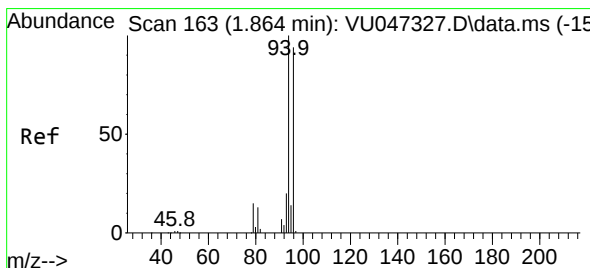
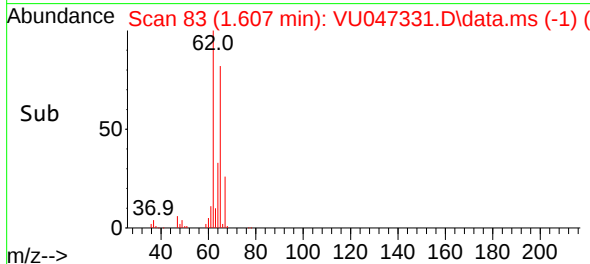
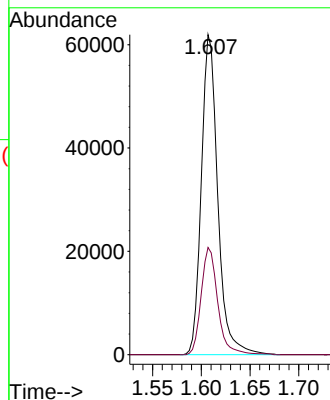
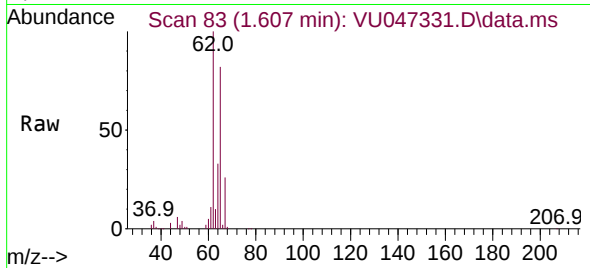




#5
 Vinyl chloride
 Concen: 5.643 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU047331.D
 Acq: 04 Mar 2022 15:27

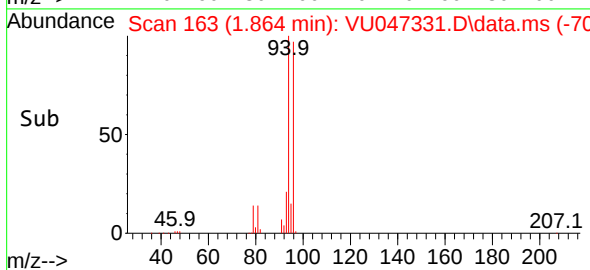
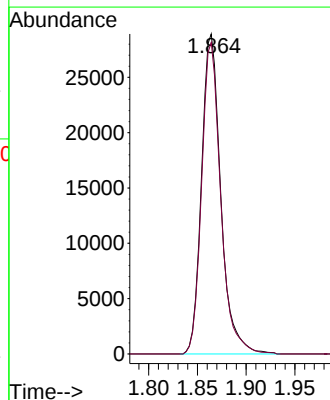
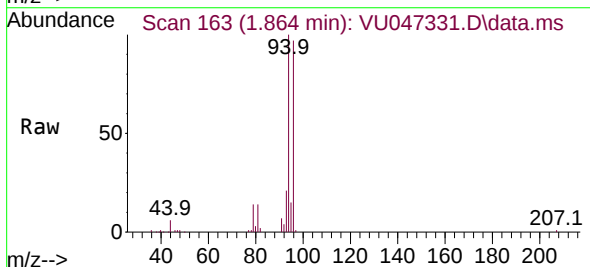
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005084

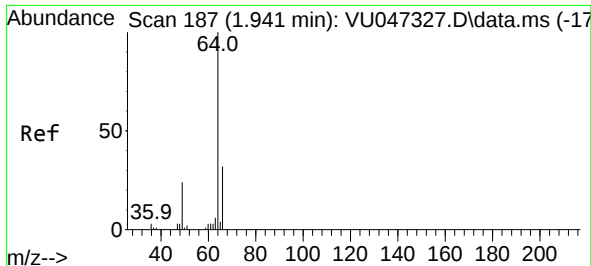
Tgt Ion: 62 Resp: 72529
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.9 42.5



#6
 Bromomethane
 Concen: 5.717 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU047331.D
 Acq: 04 Mar 2022 15:27

Tgt Ion: 94 Resp: 39797
 Ion Ratio Lower Upper
 94 100
 96 97.3 65.5 121.6

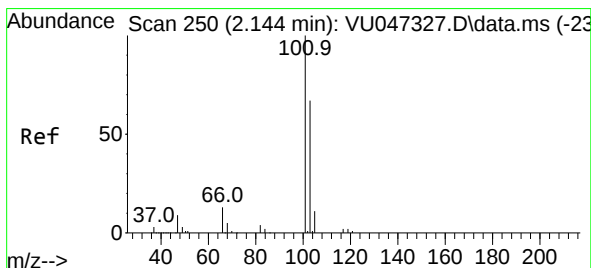
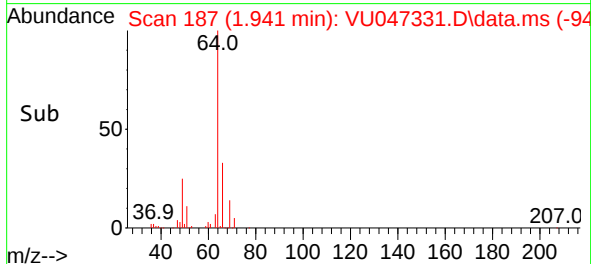
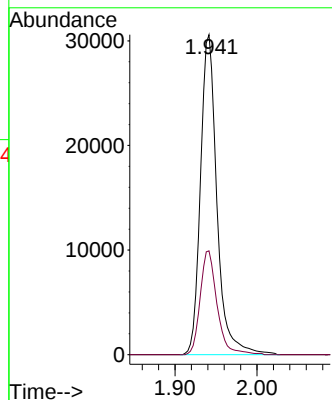
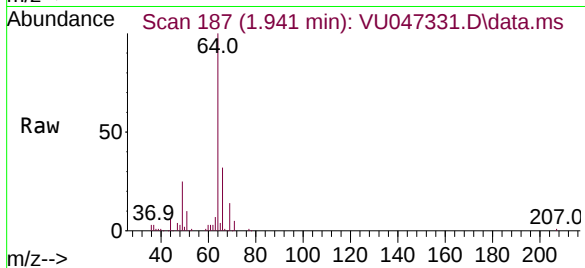




#8
Chloroethane
Concen: 5.738 ug/L
RT: 1.941 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047331.D
Acq: 04 Mar 2022 15:27

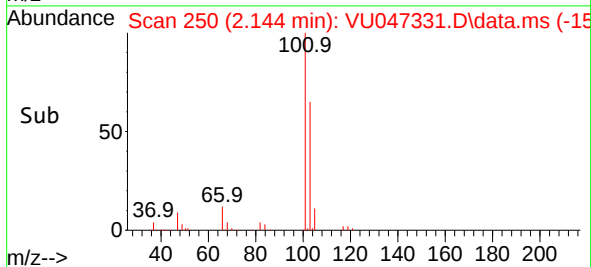
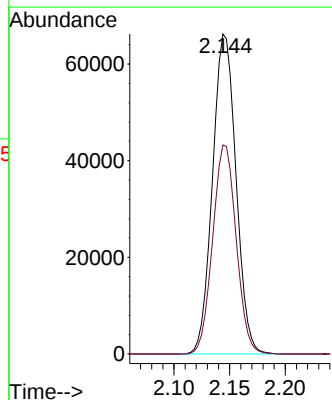
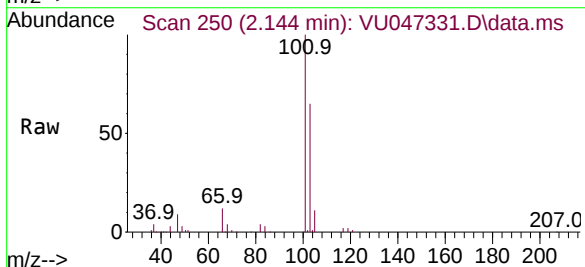
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

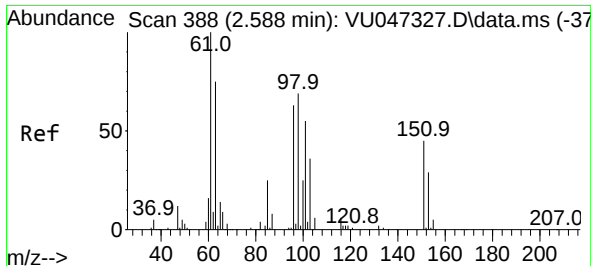
Tgt Ion: 64 Resp: 42654
Ion Ratio Lower Upper
64 100
66 32.5 22.1 41.1



#9
Trichlorofluoromethane
Concen: 6.085 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU047331.D
Acq: 04 Mar 2022 15:27

Tgt Ion: 101 Resp: 97213
Ion Ratio Lower Upper
101 100
103 65.3 51.5 77.3

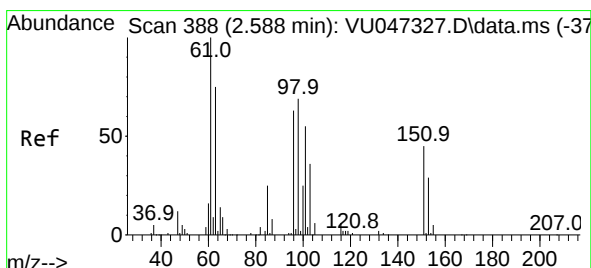
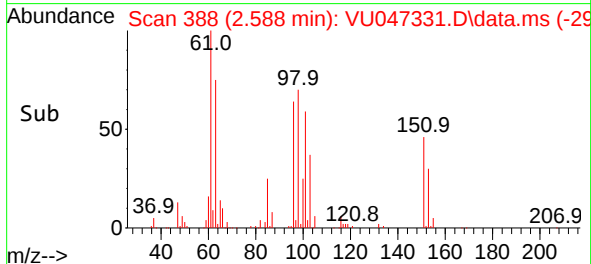
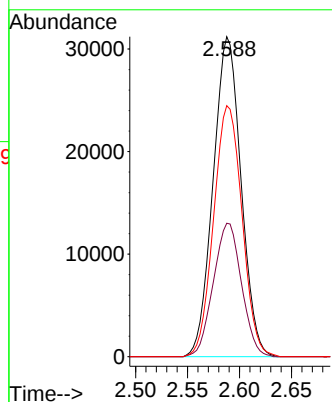
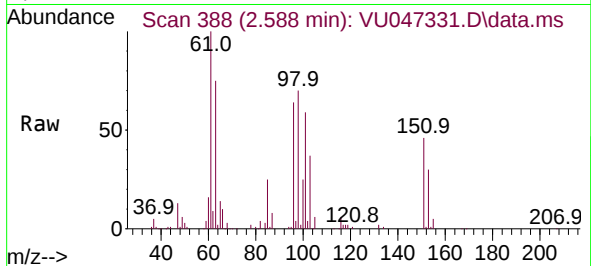




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 6.248 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047331.D
 Acq: 04 Mar 2022 15:27

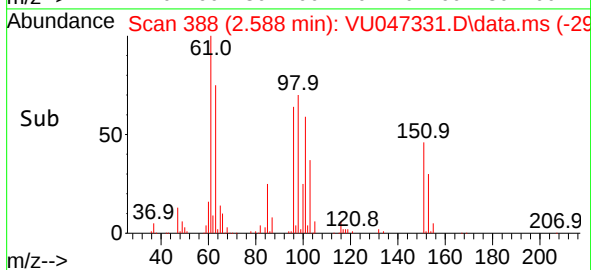
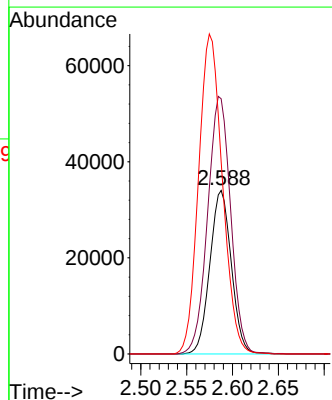
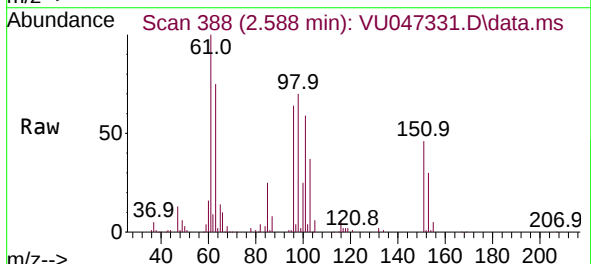
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005084

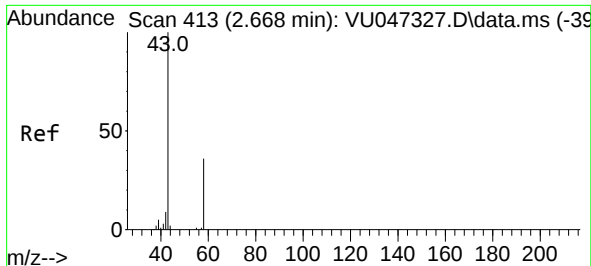
Tgt Ion:101 Resp: 58262
 Ion Ratio Lower Upper
 101 100
 85 42.0 34.6 51.8
 151 79.9 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 5.820 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047331.D
 Acq: 04 Mar 2022 15:27

Tgt Ion: 96 Resp: 55296
 Ion Ratio Lower Upper
 96 100
 61 156.0 124.7 231.5
 63 117.6 105.2 195.4





#13

Acetone

Concen: 42.095 ug/L

RT: 2.662 min Scan# 411

Delta R.T. -0.007 min

Lab File: VU047331.D

Acq: 04 Mar 2022 15:27

Instrument :

MSVOA_U

ClientSampleId :

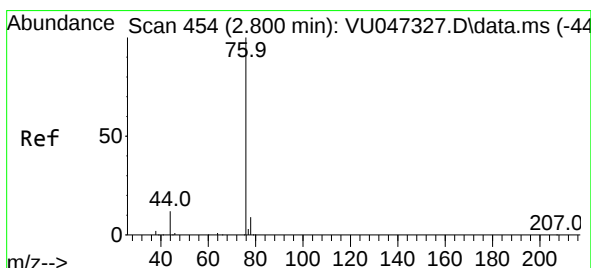
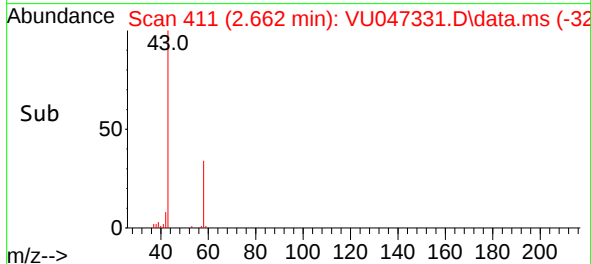
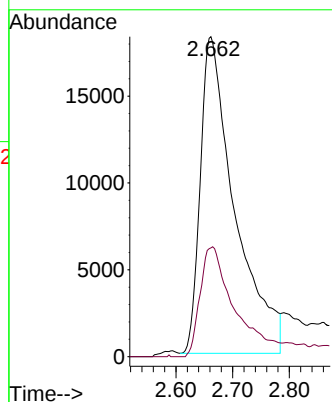
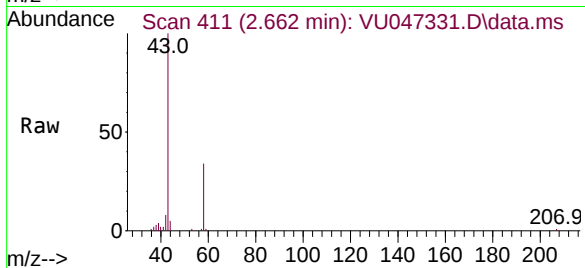
VSTD005084

Tgt Ion: 43 Resp: 76741

Ion Ratio Lower Upper

43 100

58 35.3 0.0 71.6



#14

Carbon disulfide

Concen: 5.798 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU047331.D

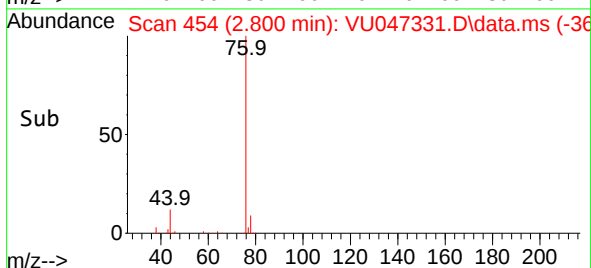
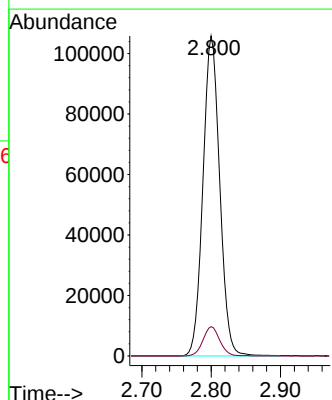
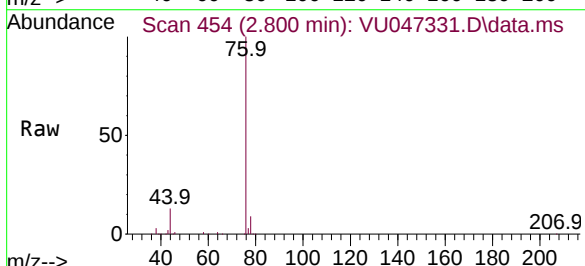
Acq: 04 Mar 2022 15:27

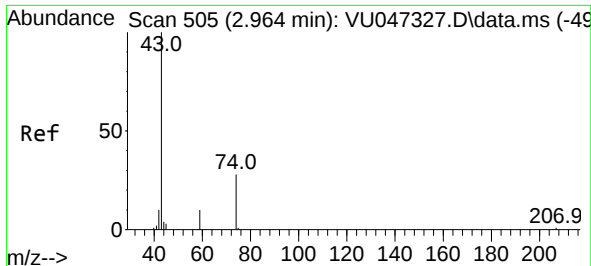
Tgt Ion: 76 Resp: 177548

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

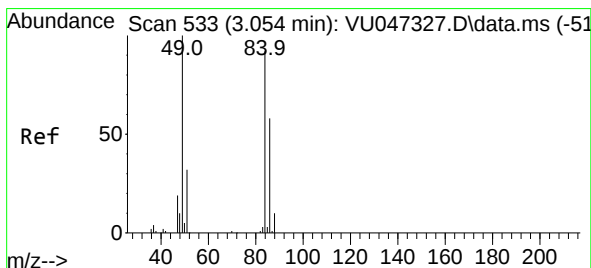
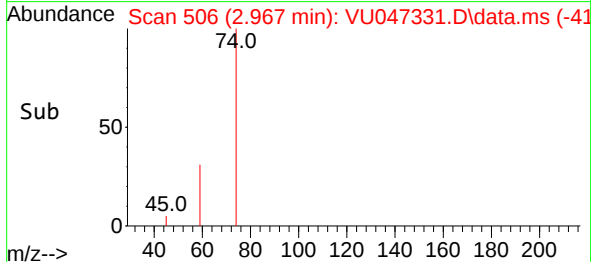
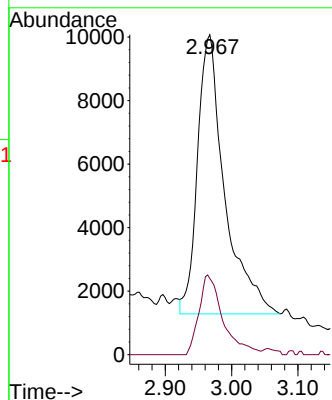
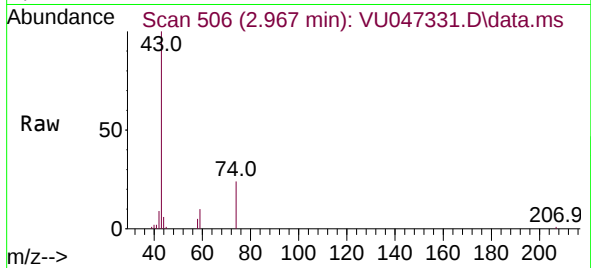




#15
Methyl Acetate
Concen: 5.983 ug/L
RT: 2.967 min Scan# 505
Delta R.T. 0.003 min
Lab File: VU047331.D
Acq: 04 Mar 2022 15:27

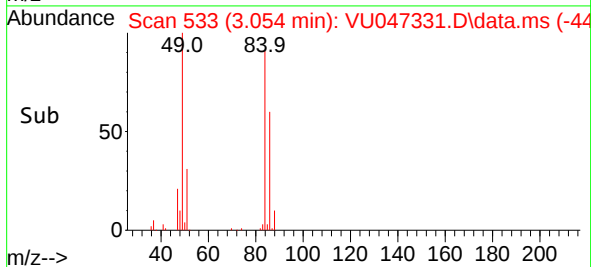
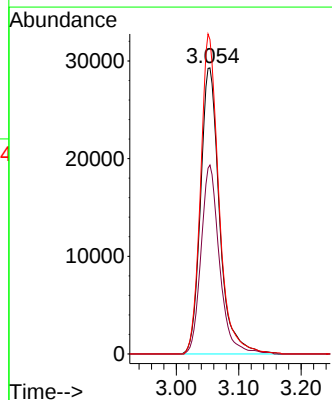
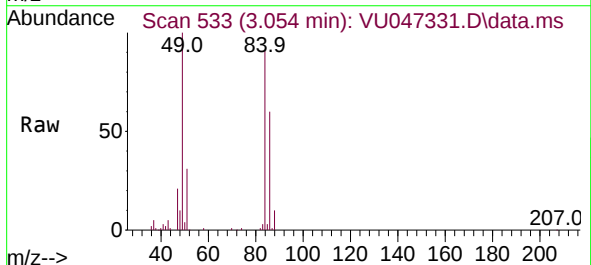
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

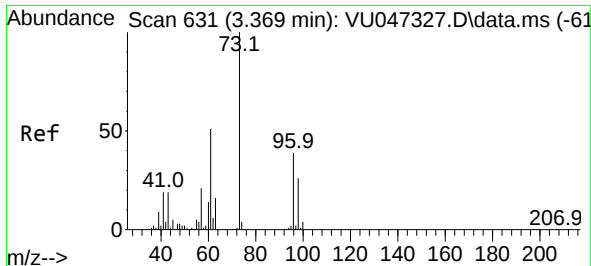
Tgt Ion: 43 Resp: 24989
Ion Ratio Lower Upper
43 100
74 25.3 19.1 28.7



#16
Methylene chloride
Concen: 5.594 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU047331.D
Acq: 04 Mar 2022 15:27

Tgt Ion: 84 Resp: 61867
Ion Ratio Lower Upper
84 100
86 66.0 45.8 85.0
49 109.9 84.5 156.9

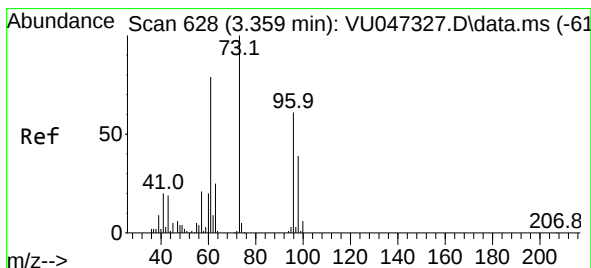
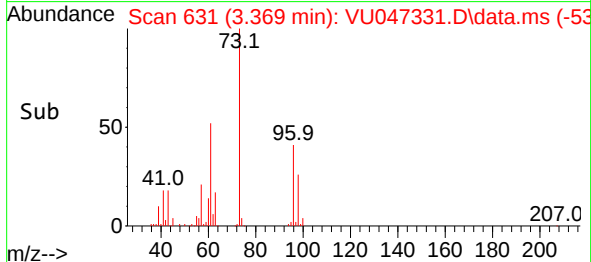
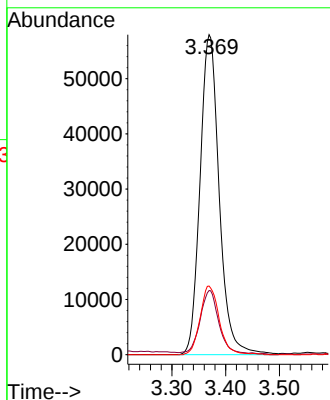
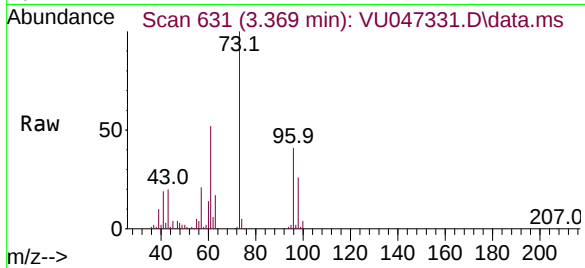




#17
Methyl tert-butyl Ether
Concen: 5.648 ug/L
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047331.D
Acq: 04 Mar 2022 15:27

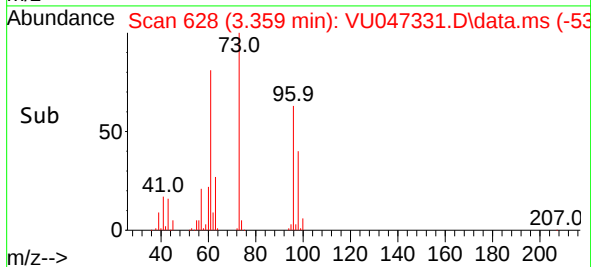
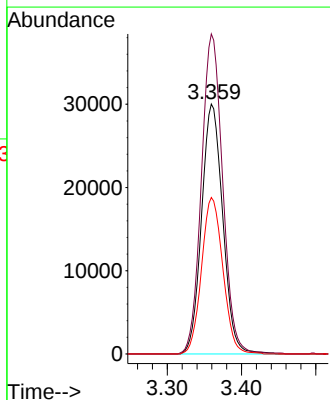
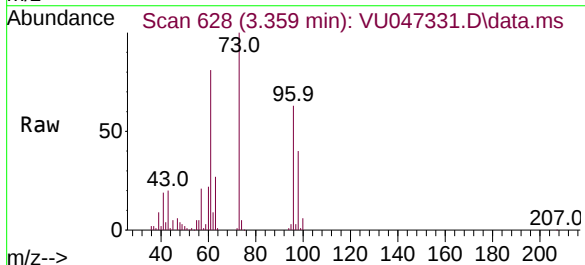
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

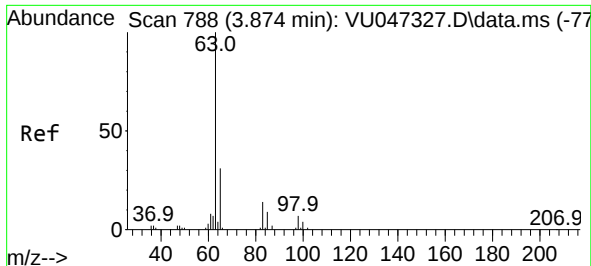
Tgt Ion: 73 Resp: 143685
Ion Ratio Lower Upper
73 100
43 18.6 14.8 22.2
57 21.2 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 5.772 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU047331.D
Acq: 04 Mar 2022 15:27

Tgt Ion: 96 Resp: 59556
Ion Ratio Lower Upper
96 100
61 128.0 100.8 187.2
98 62.6 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.835 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU047331.D

Acq: 04 Mar 2022 15:27

Instrument :

MSVOA_U

ClientSampleId :

VSTD005084

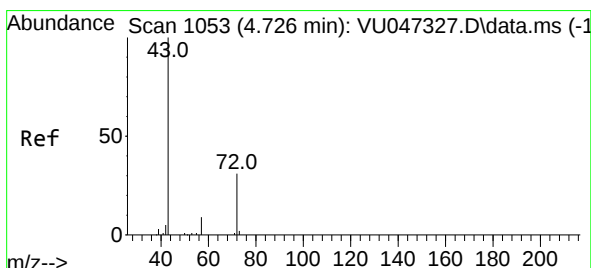
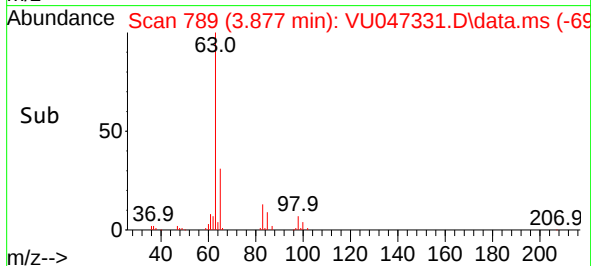
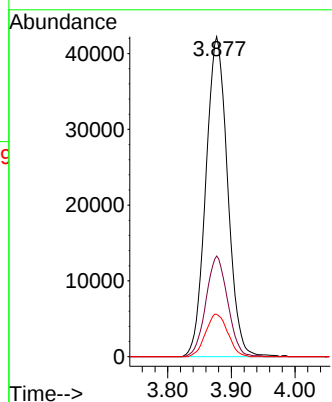
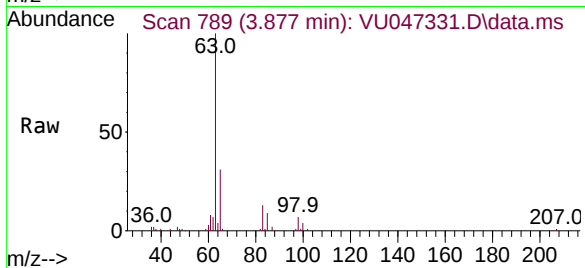
Tgt Ion: 63 Resp: 100235

Ion Ratio Lower Upper

63 100

65 31.5 22.3 41.5

83 13.2 9.6 17.8



#21

2-Butanone

Concen: 43.631 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. -0.003 min

Lab File: VU047331.D

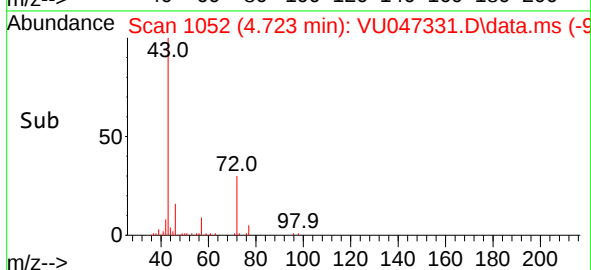
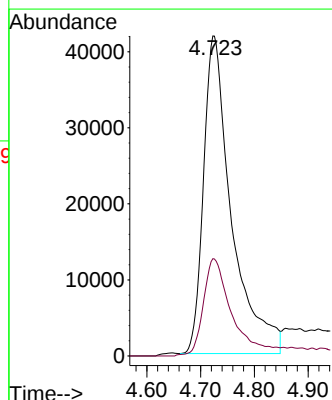
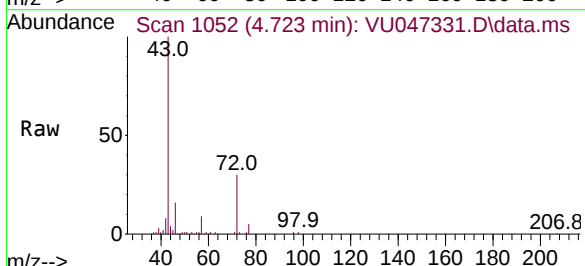
Acq: 04 Mar 2022 15:27

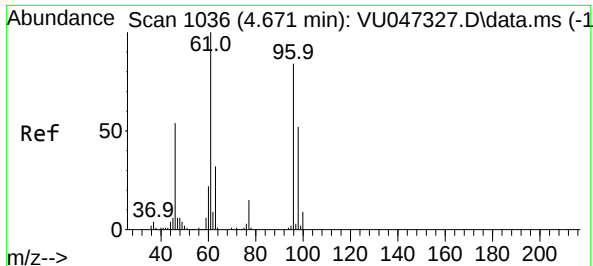
Tgt Ion: 43 Resp: 151204

Ion Ratio Lower Upper

43 100

72 31.0 14.1 42.3

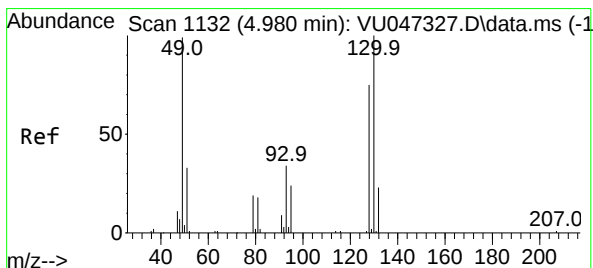
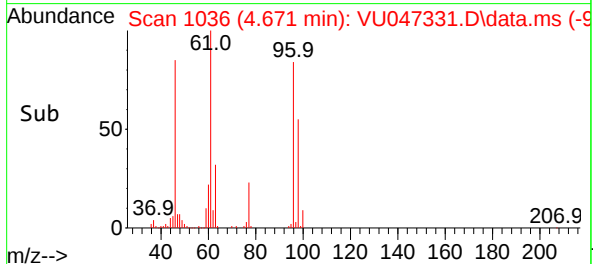
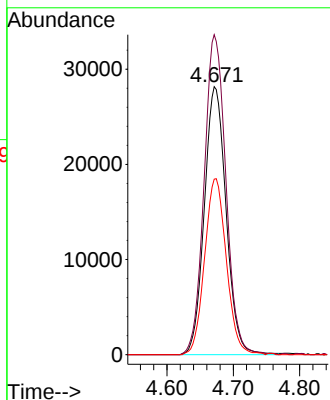
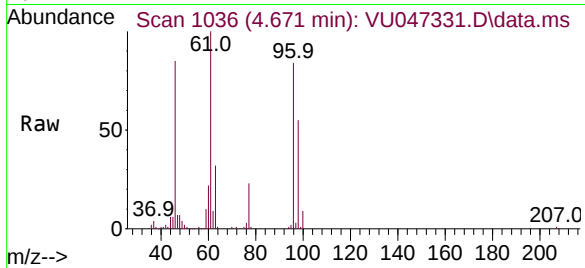




#22
cis-1,2-Dichloroethene
Concen: 5.733 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047331.D
Acq: 04 Mar 2022 15:27

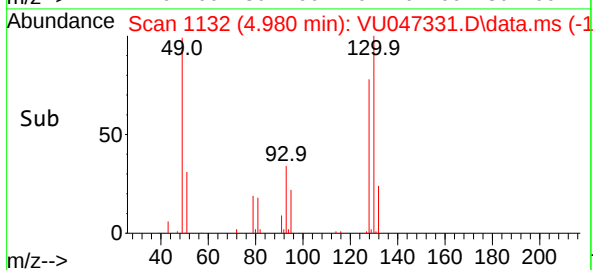
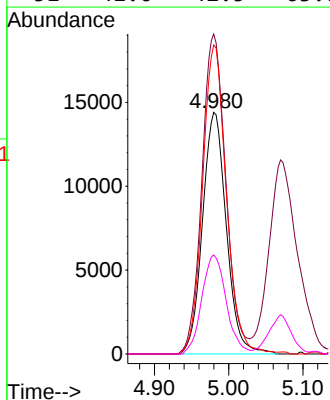
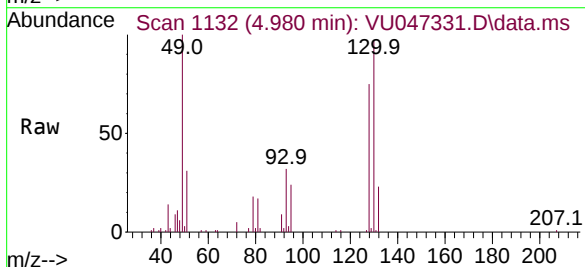
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

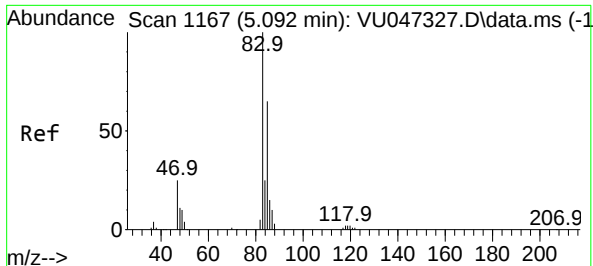
Tgt Ion: 96 Resp: 64391
Ion Ratio Lower Upper
96 100
61 119.4 88.5 164.3
98 65.5 44.4 82.5



#23
Bromochloromethane
Concen: 5.730 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU047331.D
Acq: 04 Mar 2022 15:27

Tgt Ion: 128 Resp: 32144
Ion Ratio Lower Upper
128 100
49 132.5 117.0 217.2
130 127.9 88.2 163.8
51 41.0 42.5 63.7#





#25

Chloroform

Concen: 5.635 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047331.D

Acq: 04 Mar 2022 15:27

Instrument :

MSVOA_U

ClientSampleId :

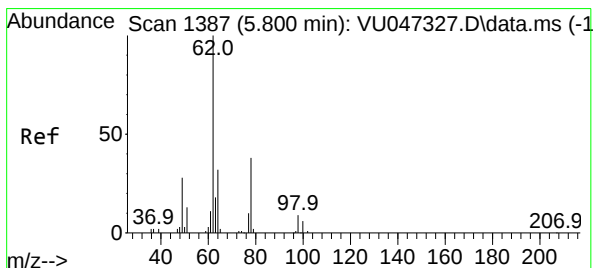
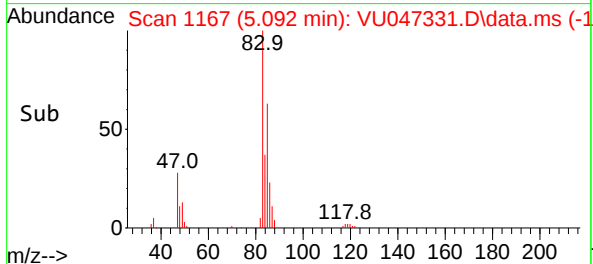
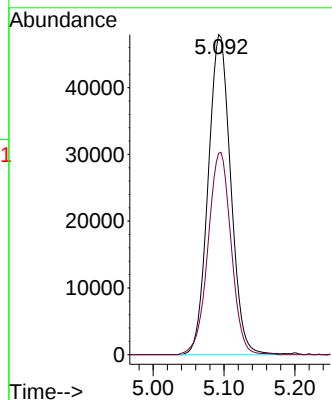
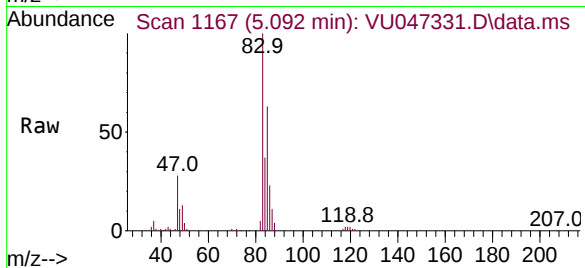
VSTD005084

Tgt Ion: 83 Resp: 105907

Ion Ratio Lower Upper

83 100

85 62.9 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.570 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU047331.D

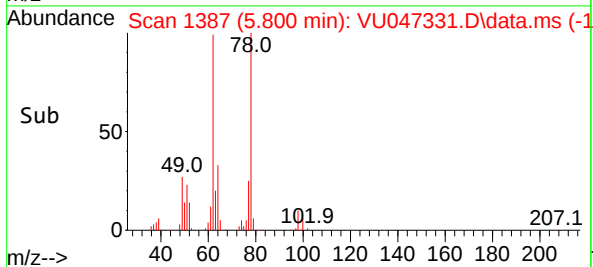
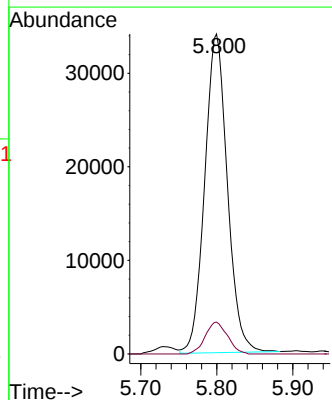
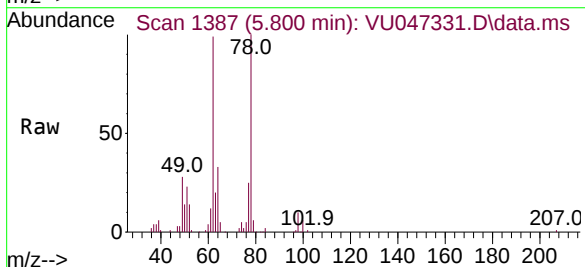
Acq: 04 Mar 2022 15:27

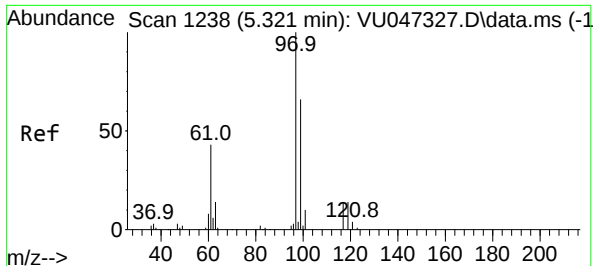
Tgt Ion: 62 Resp: 70517

Ion Ratio Lower Upper

62 100

98 9.9 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.855 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047331.D

Acq: 04 Mar 2022 15:27

Instrument :

MSVOA_U

ClientSampleId :

VSTD005084

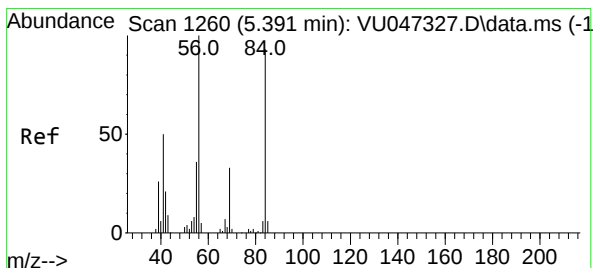
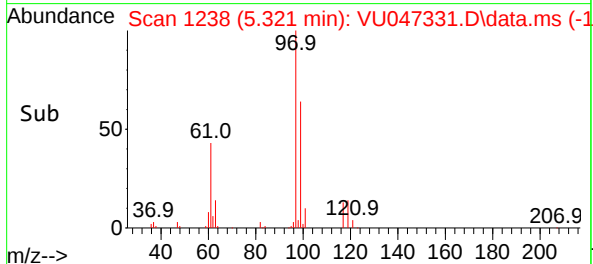
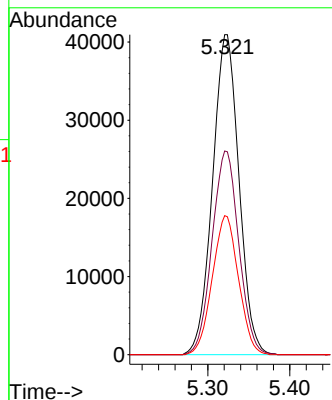
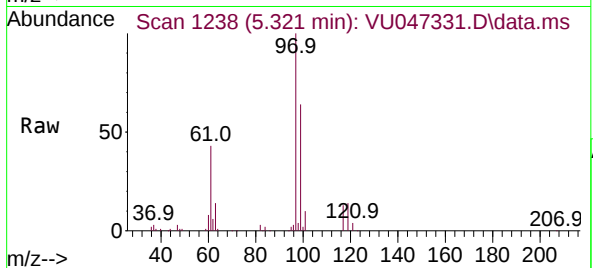
Tgt Ion: 97 Resp: 91768

Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 43.1 36.1 54.1



#30

Cyclohexane

Concen: 6.149 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.003 min

Lab File: VU047331.D

Acq: 04 Mar 2022 15:27

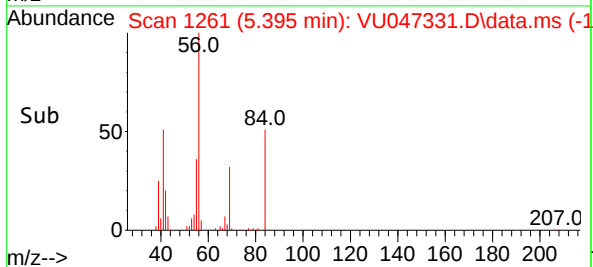
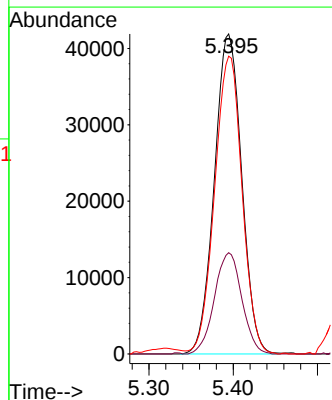
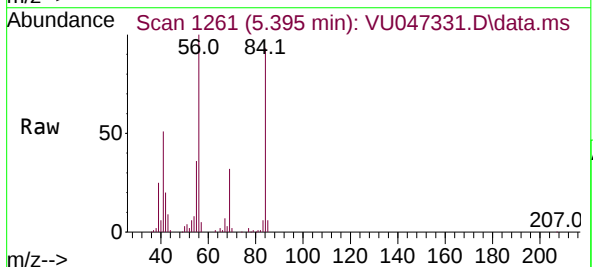
Tgt Ion: 56 Resp: 94302

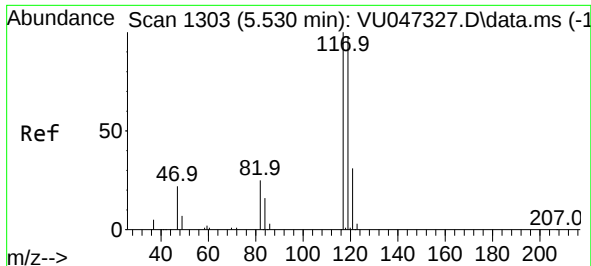
Ion Ratio Lower Upper

56 100

69 31.7 24.7 37.1

84 93.5 71.8 107.6

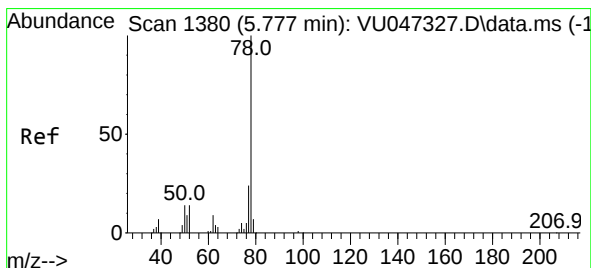
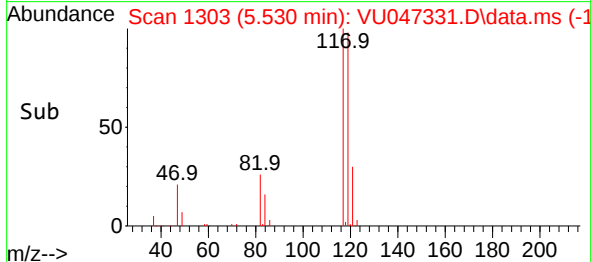
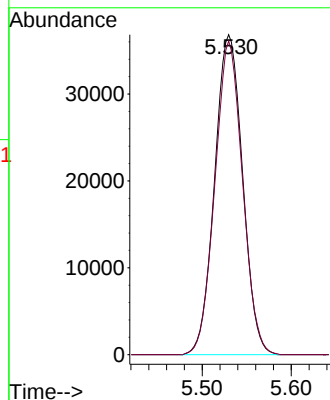
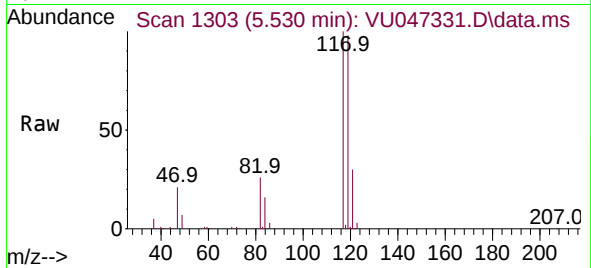




#31
Carbon tetrachloride
Concen: 5.940 ug/L
RT: 5.530 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VU047331.D
Acq: 04 Mar 2022 15:27

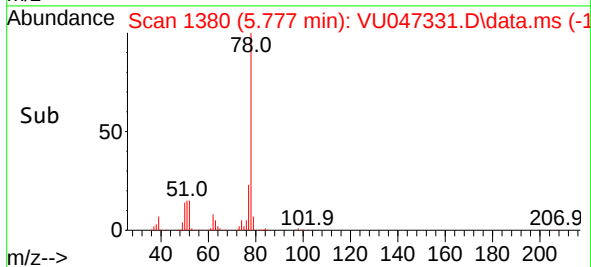
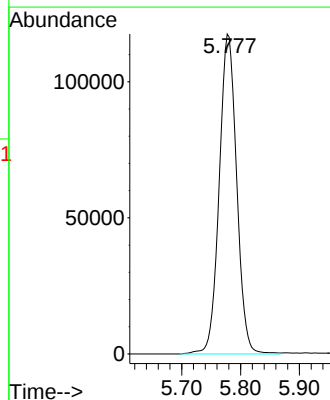
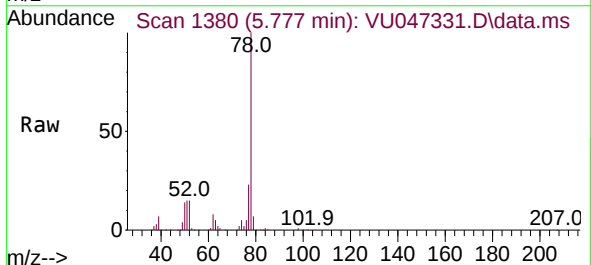
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

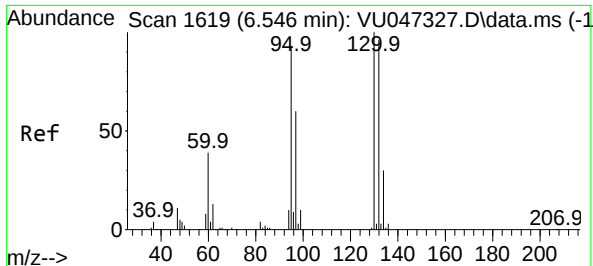
Tgt Ion:117 Resp: 80390
Ion Ratio Lower Upper
117 100
119 96.6 77.5 116.3



#33
Benzene
Concen: 5.754 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047331.D
Acq: 04 Mar 2022 15:27

Tgt Ion: 78 Resp: 242372

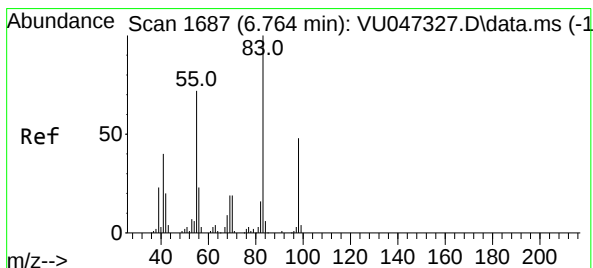
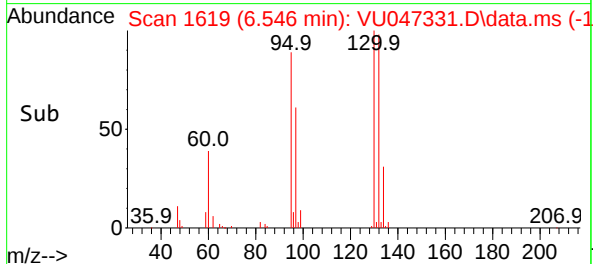
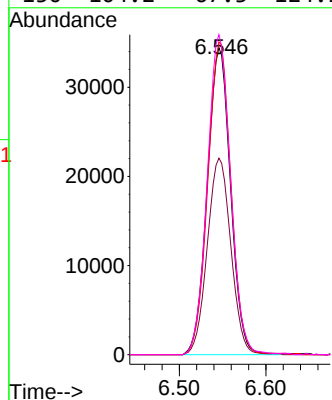
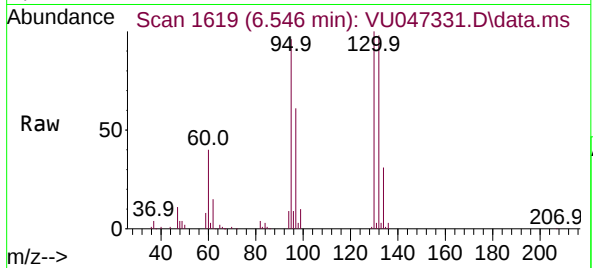




#34
Trichloroethene
Concen: 5.799 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047331.D
Acq: 04 Mar 2022 15:27

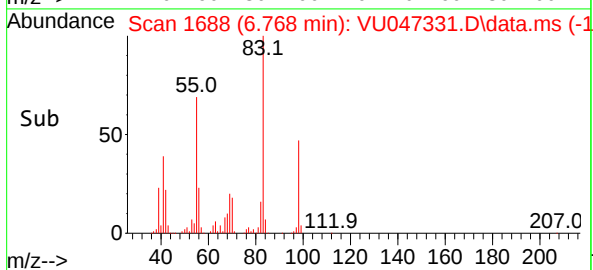
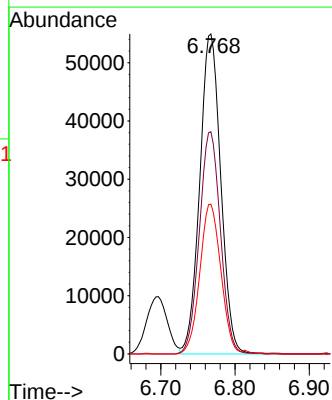
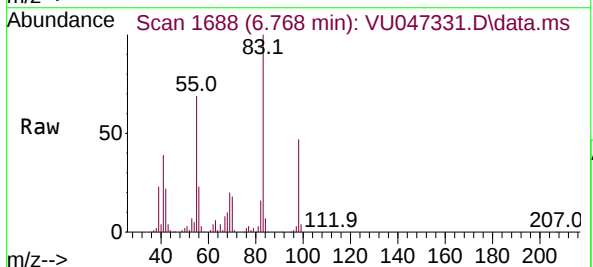
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

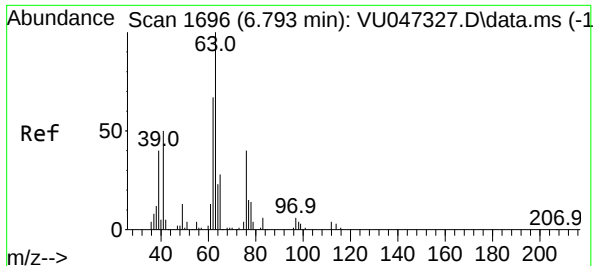
Tgt Ion:	95	Resp:	64209
Ion	Ratio	Lower	Upper
95	100		
97	64.0	46.5	86.5
132	101.9	65.1	120.9
130	104.2	67.3	124.9



#35
Methylcyclohexane
Concen: 6.372 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VU047331.D
Acq: 04 Mar 2022 15:27

Tgt Ion:	83	Resp:	108169
Ion	Ratio	Lower	Upper
83	100		
55	69.5	61.9	92.9
98	46.8	39.0	58.6





#37

1,2-Dichloropropane

Concen: 5.639 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047331.D

Acq: 04 Mar 2022 15:27

Instrument :

MSVOA_U

ClientSampleId :

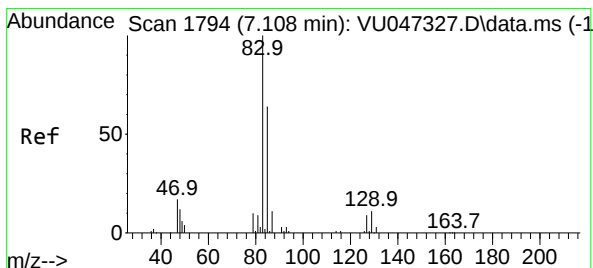
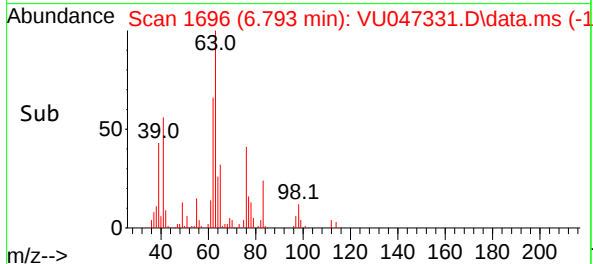
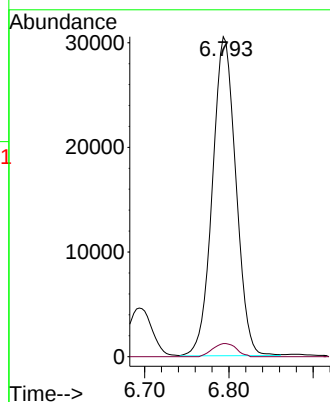
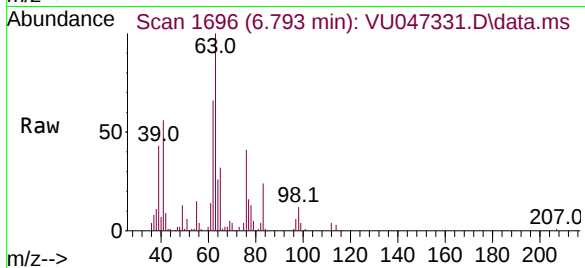
VSTD005084

Tgt Ion: 63 Resp: 58910

Ion Ratio Lower Upper

63 100

112 4.2 3.2 4.8



#38

Bromodichloromethane

Concen: 5.653 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047331.D

Acq: 04 Mar 2022 15:27

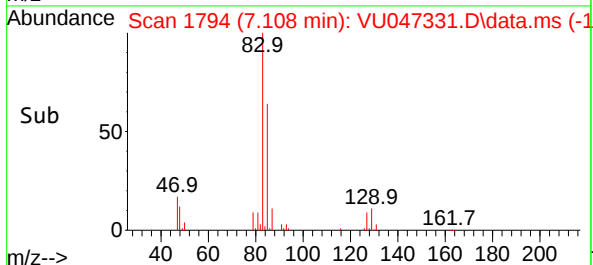
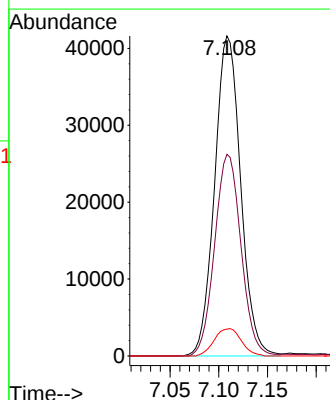
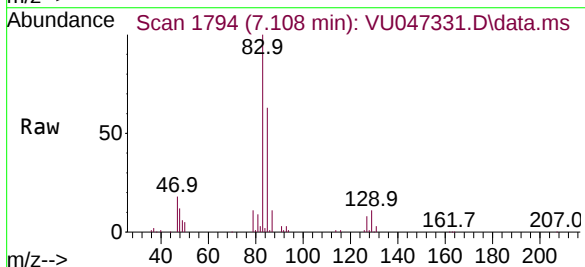
Tgt Ion: 83 Resp: 77503

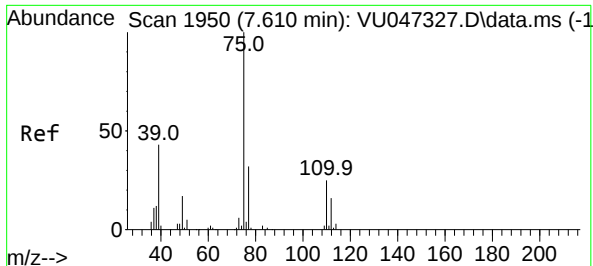
Ion Ratio Lower Upper

83 100

85 63.0 44.0 81.8

127 8.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.613 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047331.D

Acq: 04 Mar 2022 15:27

Instrument :

MSVOA_U

ClientSampleId :

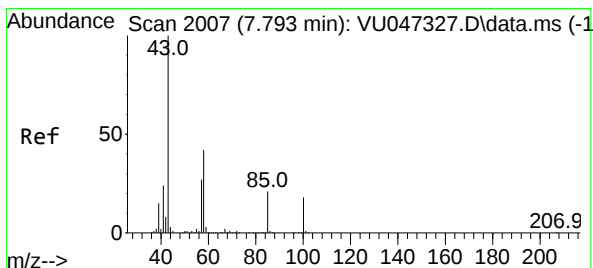
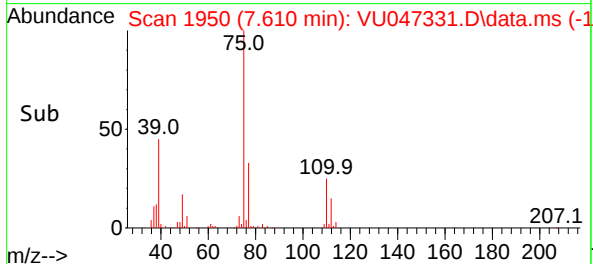
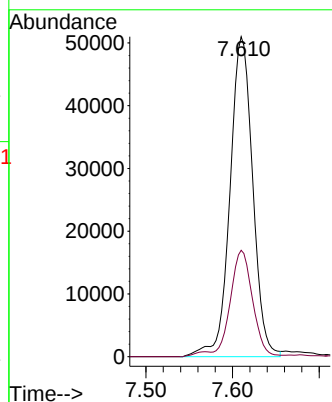
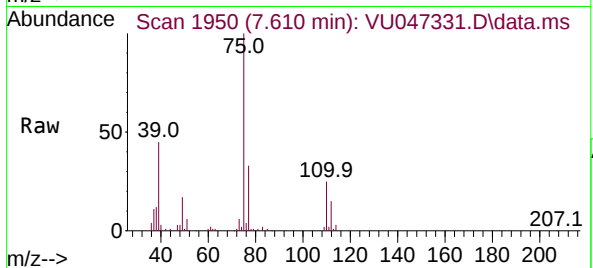
VSTD005084

Tgt Ion: 75 Resp: 93106

Ion Ratio Lower Upper

75 100

77 33.3 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 55.508 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU047331.D

Acq: 04 Mar 2022 15:27

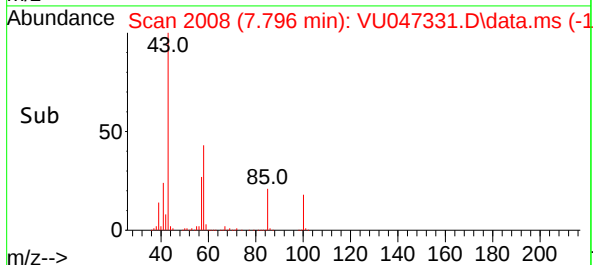
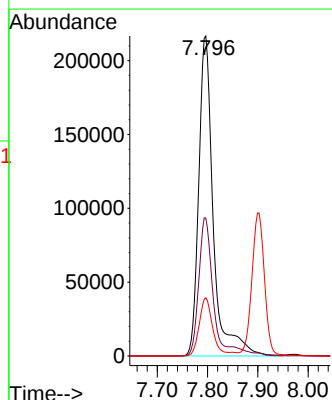
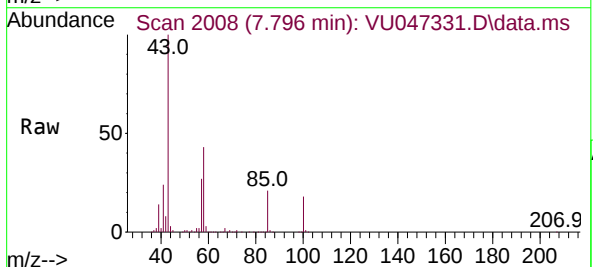
Tgt Ion: 43 Resp: 437397

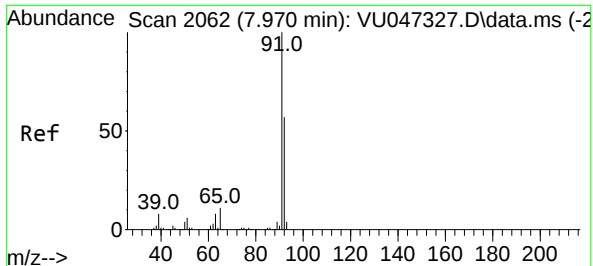
Ion Ratio Lower Upper

43 100

58 43.7 33.1 49.7

100 16.6 13.2 19.8





#42

Toluene

Concen: 5.866 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU047331.D

Acq: 04 Mar 2022 15:27

Instrument :

MSVOA_U

ClientSampleId :

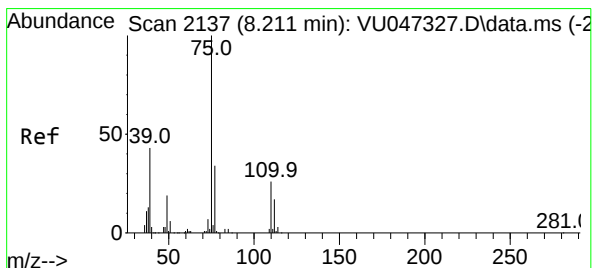
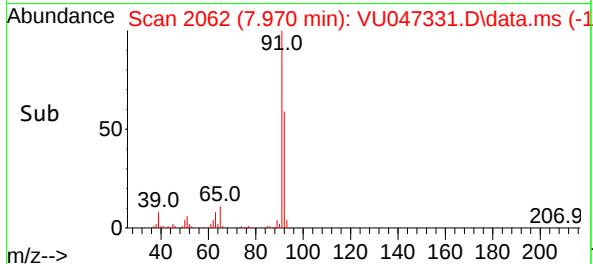
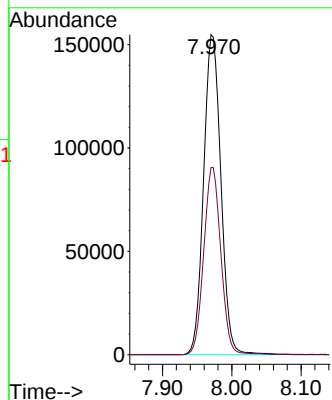
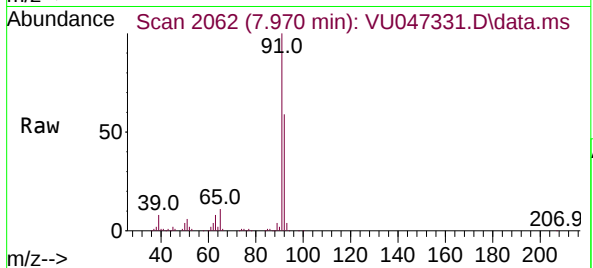
VSTD005084

Tgt Ion: 91 Resp: 267832

Ion Ratio Lower Upper

91 100

92 58.5 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.863 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU047331.D

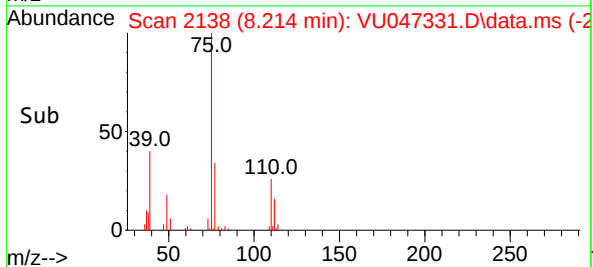
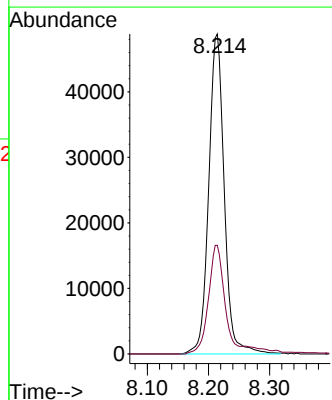
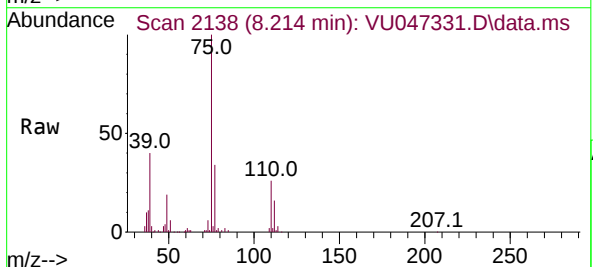
Acq: 04 Mar 2022 15:27

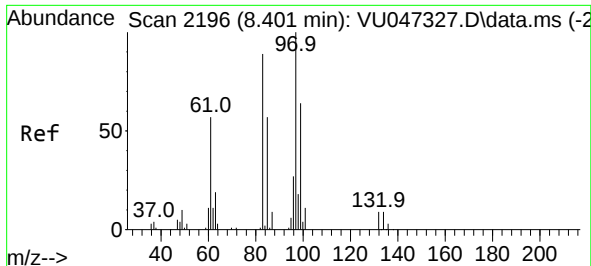
Tgt Ion: 75 Resp: 86174

Ion Ratio Lower Upper

75 100

77 34.0 22.7 42.3

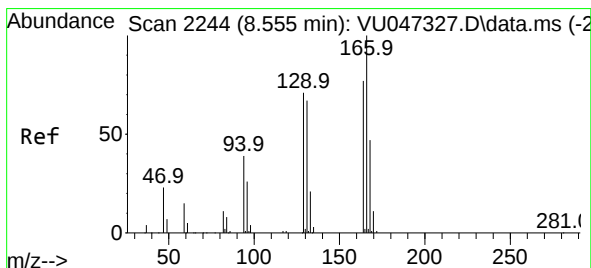
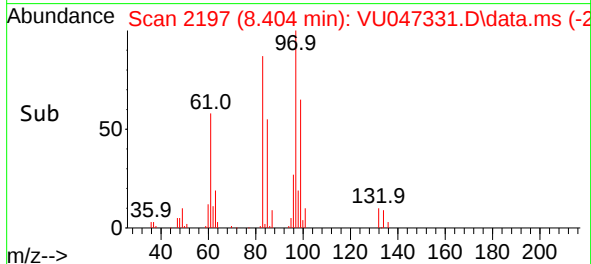
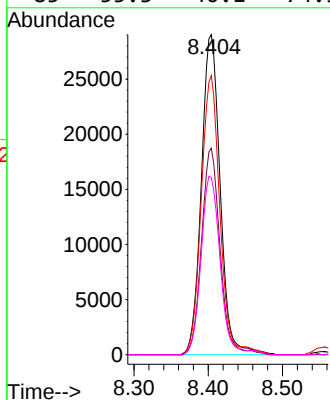
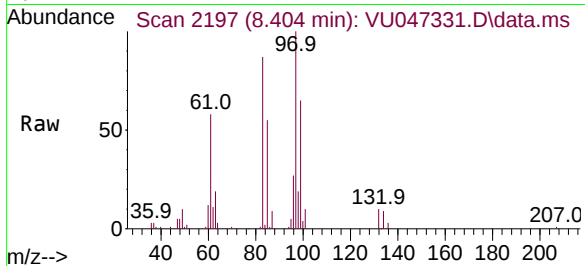




#45
1,1,2-Trichloroethane
Concen: 5.657 ug/L
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU047331.D
Acq: 04 Mar 2022 15:27

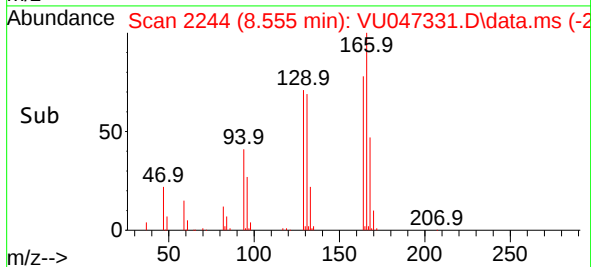
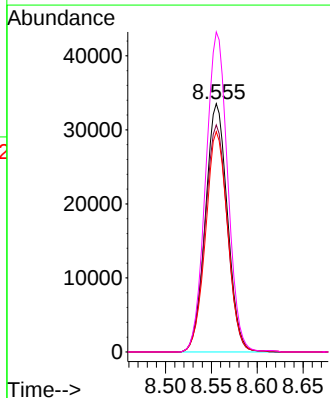
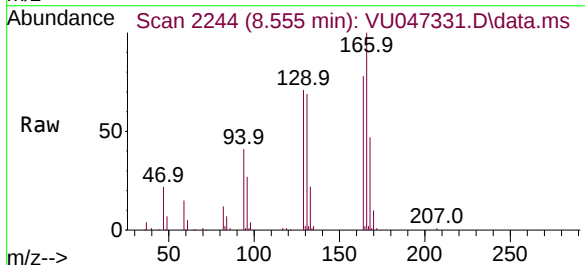
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

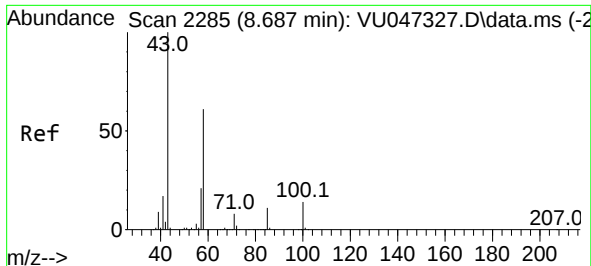
Tgt Ion:	97	Resp:	51107
Ion	Ratio	Lower	Upper
97	100		
99	64.5	42.3	78.5
83	87.2	62.0	115.2
85	55.3	40.1	74.5



#47
Tetrachloroethene
Concen: 5.978 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047331.D
Acq: 04 Mar 2022 15:27

Tgt Ion:	164	Resp:	56380
Ion	Ratio	Lower	Upper
164	100		
129	91.4	71.8	133.4
131	88.7	68.5	127.3
166	128.9	94.1	174.8

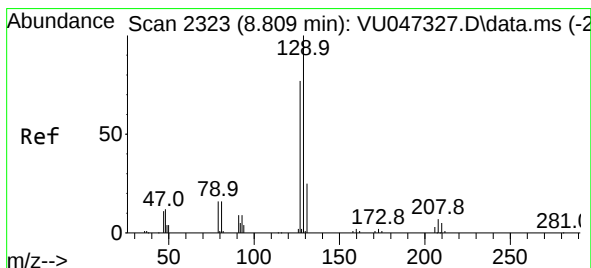
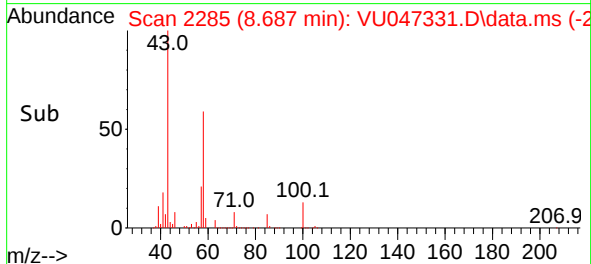
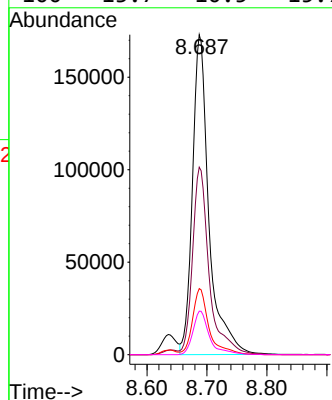
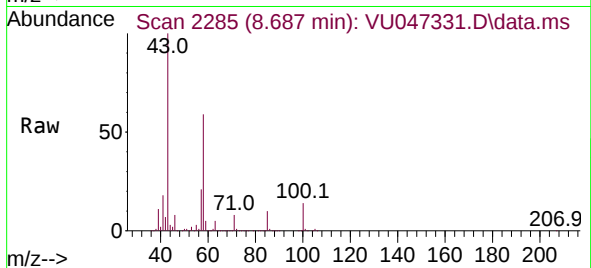




#48
2-Hexanone
Concen: 56.293 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047331.D
Acq: 04 Mar 2022 15:27

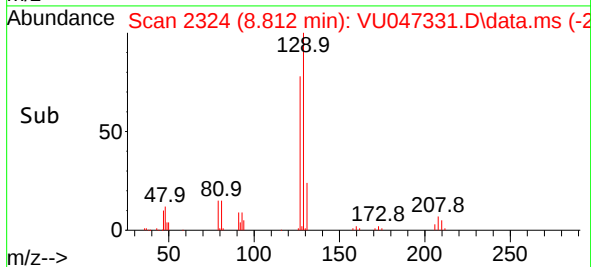
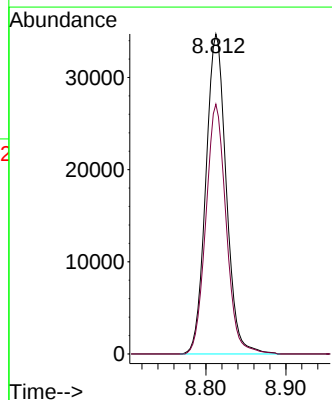
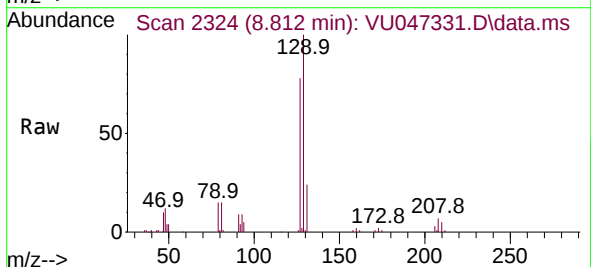
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

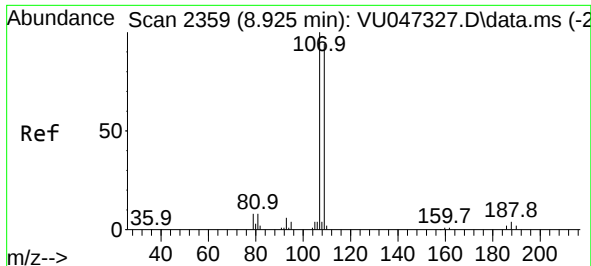
Tgt Ion: 43 Resp: 330853
Ion Ratio Lower Upper
43 100
58 59.3 46.7 70.1
57 20.7 16.3 24.5
100 13.7 10.5 15.7



#49
Dibromochloromethane
Concen: 5.792 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU047331.D
Acq: 04 Mar 2022 15:27

Tgt Ion: 129 Resp: 61573
Ion Ratio Lower Upper
129 100
127 78.0 55.4 102.8





#50

1,2-Dibromoethane

Concen: 5.733 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047331.D

Acq: 04 Mar 2022 15:27

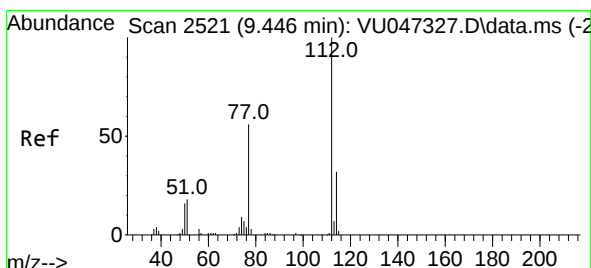
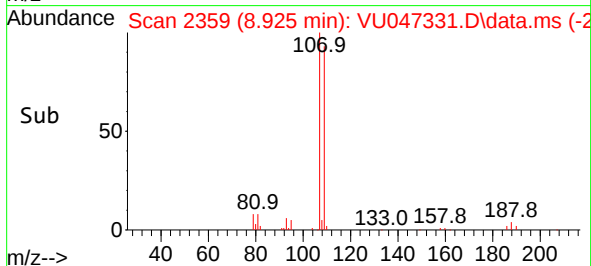
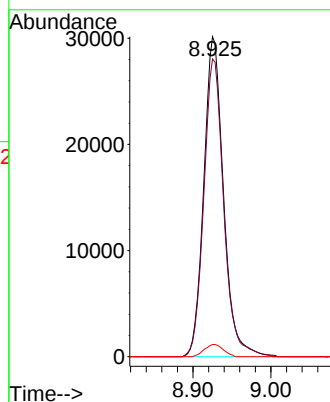
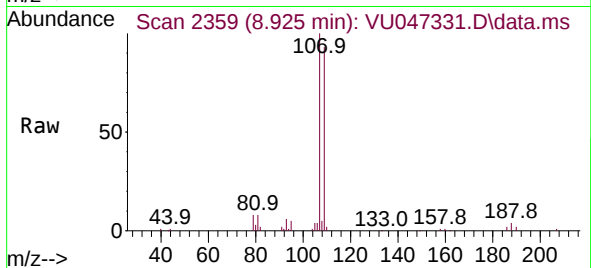
Instrument :

MSVOA_U

ClientSampleId :

VSTD005084

Tgt Ion:	107	Resp:	52904
Ion	Ratio	Lower	Upper
107	100		
109	93.1	64.0	119.0
188	3.8	2.4	3.6#



#51

Chlorobenzene

Concen: 5.750 ug/L

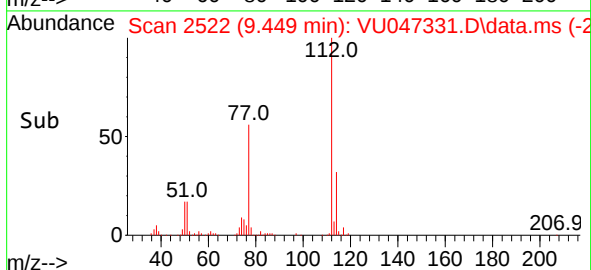
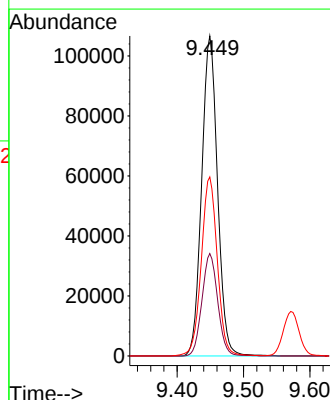
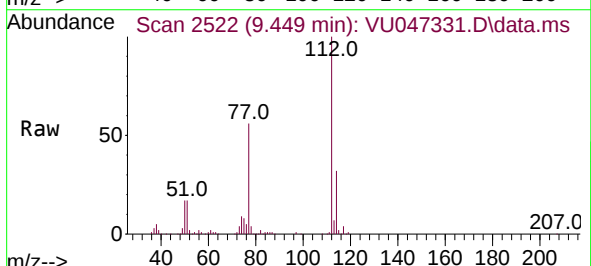
RT: 9.449 min Scan# 2522

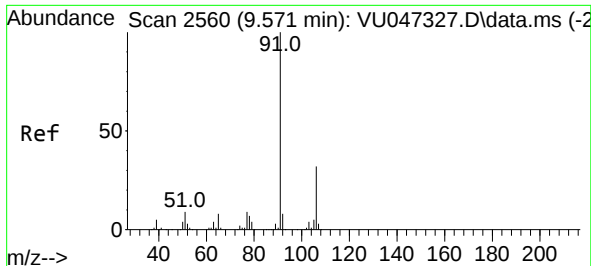
Delta R.T. 0.003 min

Lab File: VU047331.D

Acq: 04 Mar 2022 15:27

Tgt Ion:	112	Resp:	176797
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.1	41.1
77	56.0	48.3	72.5

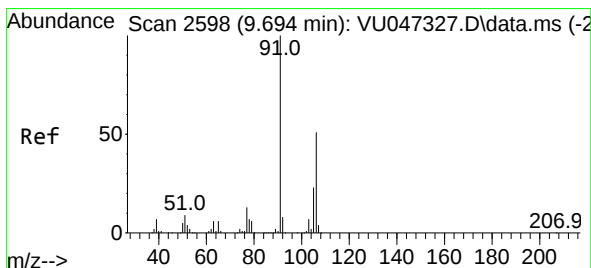
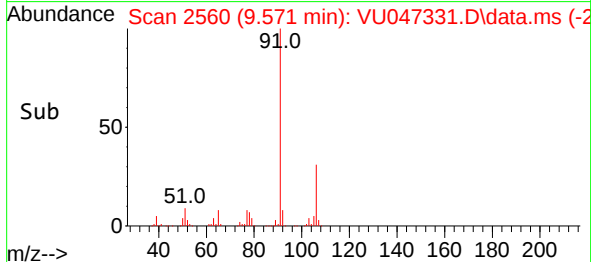
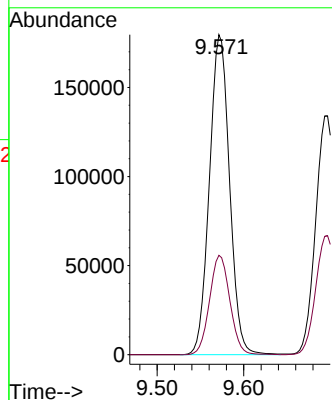
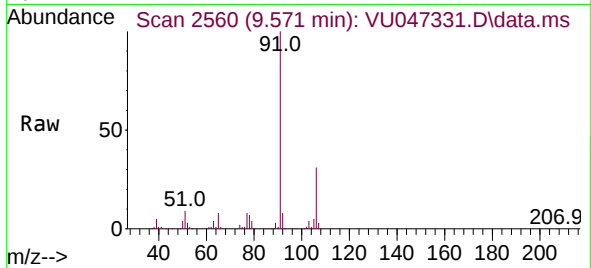




#52
Ethylbenzene
Concen: 5.935 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047331.D
Acq: 04 Mar 2022 15:27

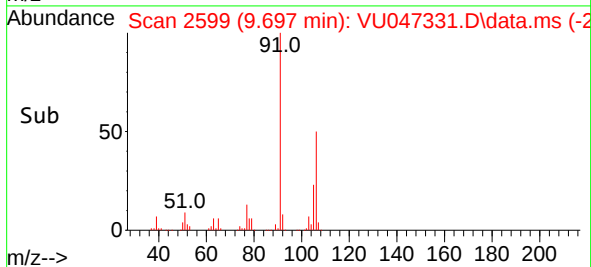
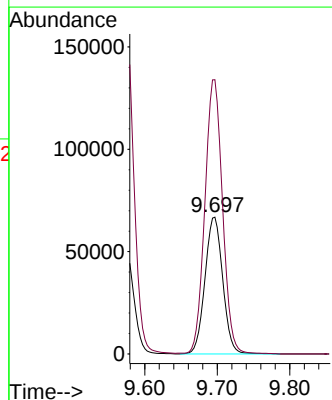
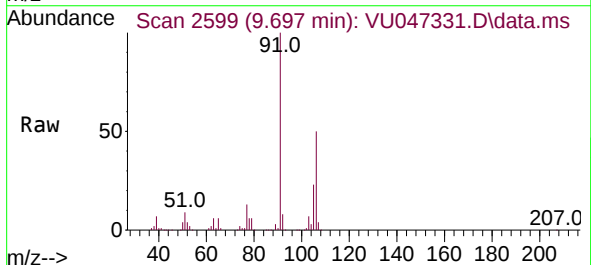
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

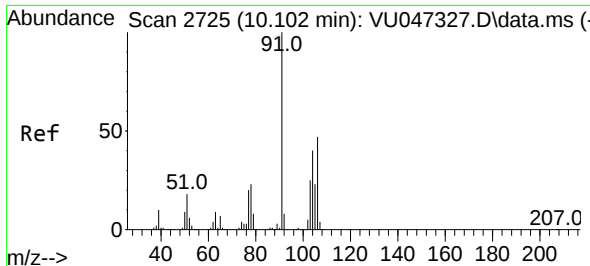
Tgt Ion: 91 Resp: 289904
Ion Ratio Lower Upper
91 100
106 31.0 21.5 39.9



#53
m,p-Xylene
Concen: 5.863 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU047331.D
Acq: 04 Mar 2022 15:27

Tgt Ion: 106 Resp: 113809
Ion Ratio Lower Upper
106 100
91 200.5 139.4 259.0

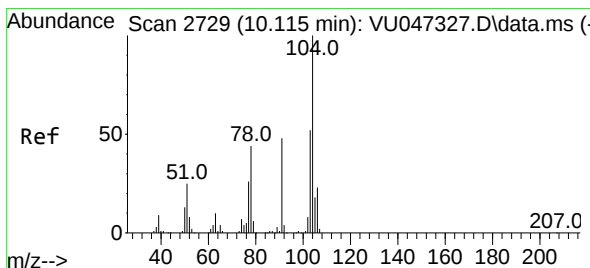
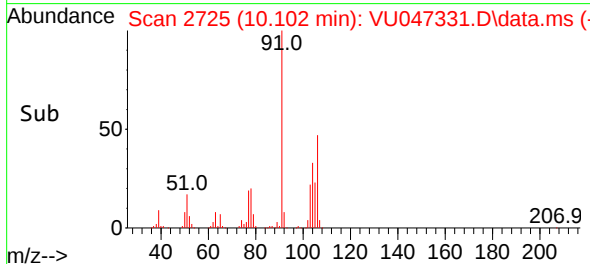
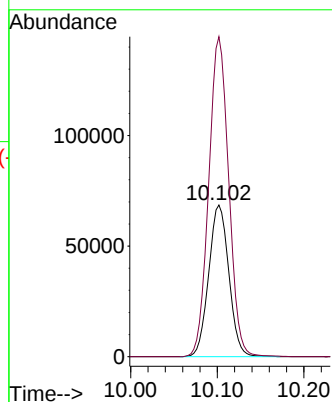
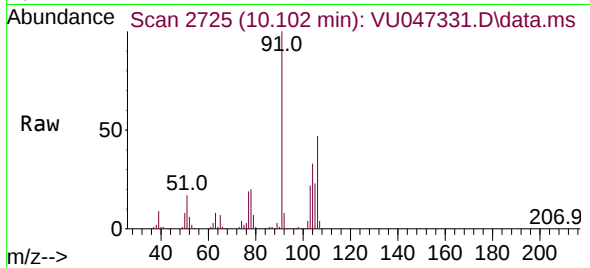




#54
o-Xylene
Concen: 5.924 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047331.D
Acq: 04 Mar 2022 15:27

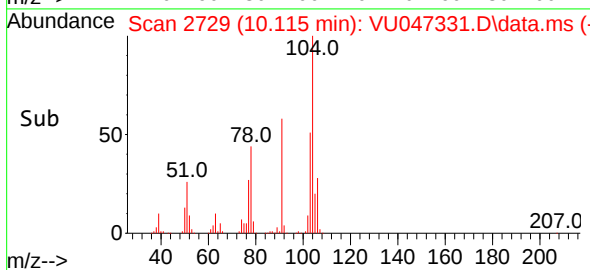
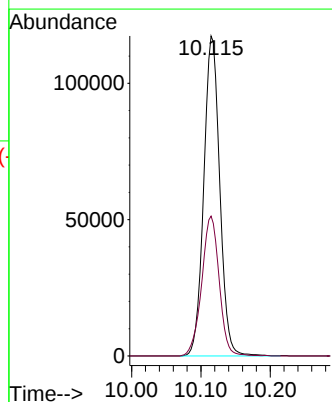
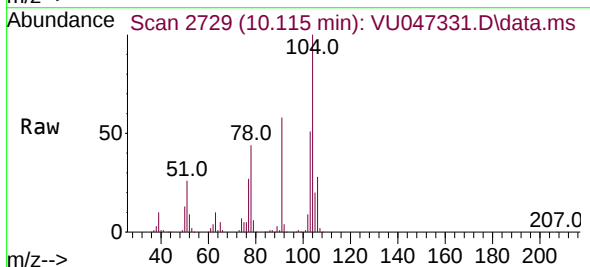
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

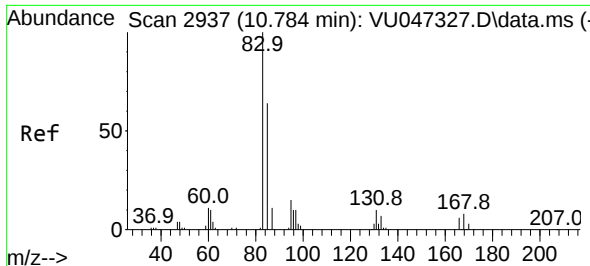
Tgt Ion:106 Resp: 110883
Ion Ratio Lower Upper
106 100
91 211.0 147.5 273.9



#55
Styrene
Concen: 5.933 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047331.D
Acq: 04 Mar 2022 15:27

Tgt Ion:104 Resp: 188297
Ion Ratio Lower Upper
104 100
78 43.7 33.0 61.4

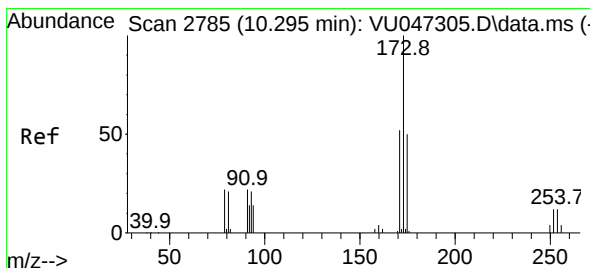
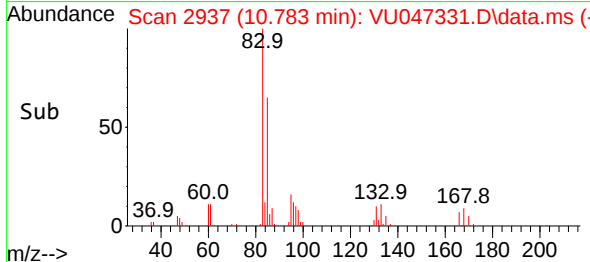
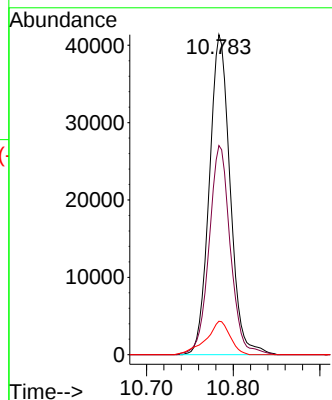
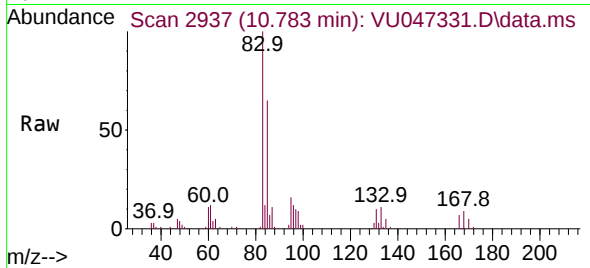




#57
1,1,2,2-Tetrachloroethane
Concen: 5.522 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047331.D
Acq: 04 Mar 2022 15:27

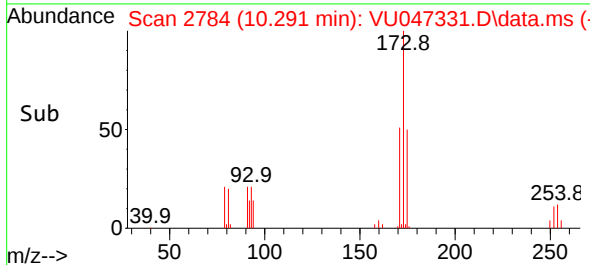
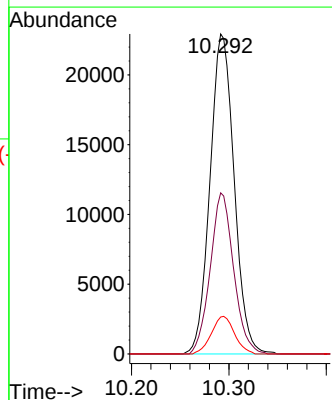
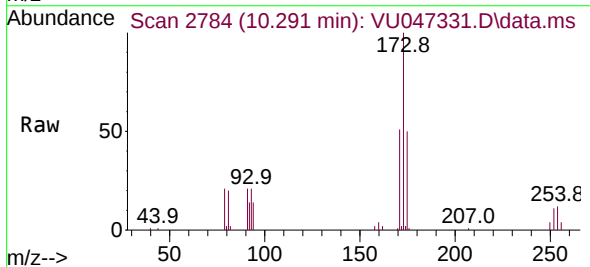
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

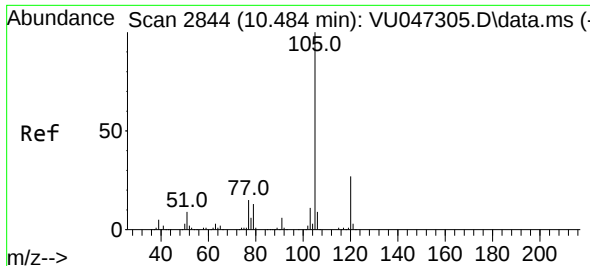
Tgt Ion: 83 Resp: 69048
Ion Ratio Lower Upper
83 100
85 65.3 47.9 89.1
131 10.5 8.1 12.1



#59
Bromoform
Concen: 5.673 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU047331.D
Acq: 04 Mar 2022 15:27

Tgt Ion: 173 Resp: 39444
Ion Ratio Lower Upper
173 100
175 48.8 37.8 56.6
254 11.3 7.3 10.9#

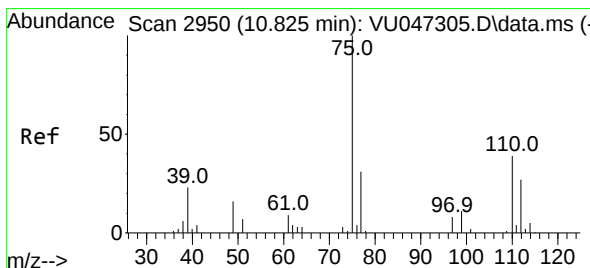
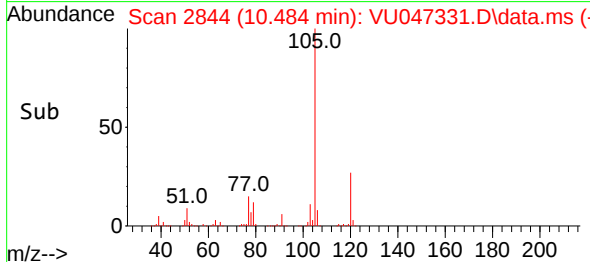
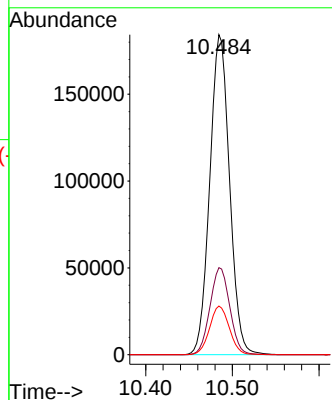
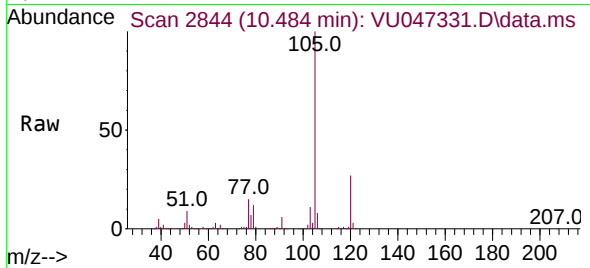




#60
Isopropylbenzene
Concen: 6.043 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU047331.D
Acq: 04 Mar 2022 15:27

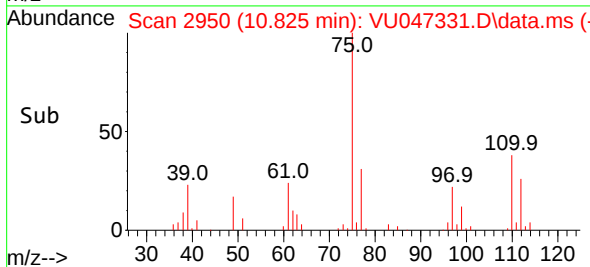
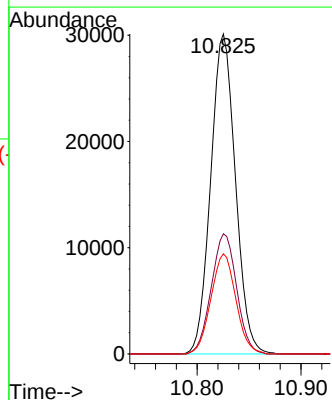
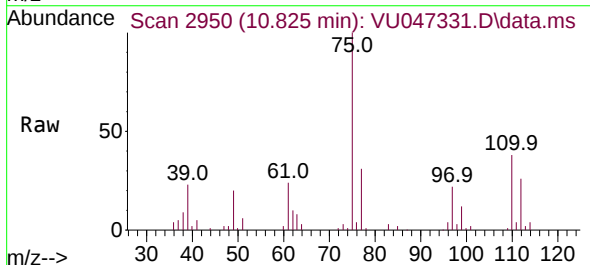
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

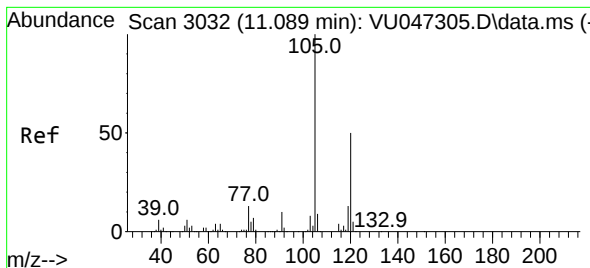
Tgt Ion:105 Resp: 292177
Ion Ratio Lower Upper
105 100
120 27.3 20.7 31.1
77 15.2 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.561 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU047331.D
Acq: 04 Mar 2022 15:27

Tgt Ion: 75 Resp: 49764
Ion Ratio Lower Upper
75 100
110 38.5 29.9 44.9
77 31.6 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 6.062 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU047331.D

Acq: 04 Mar 2022 15:27

Instrument :

MSVOA_U

ClientSampleId :

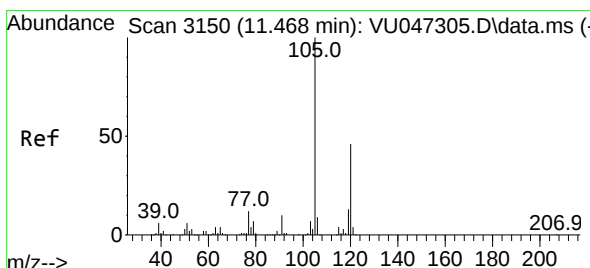
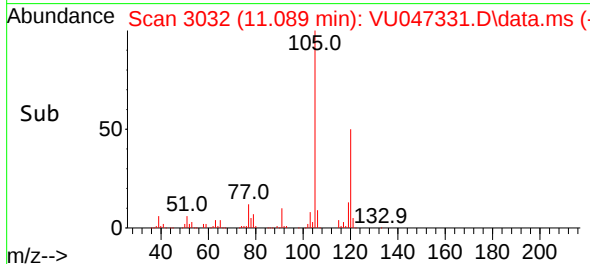
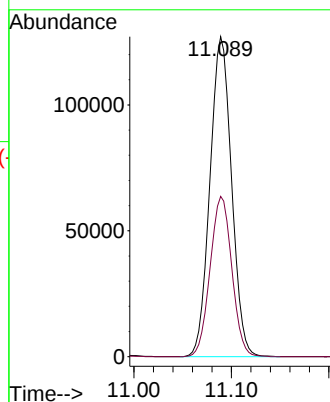
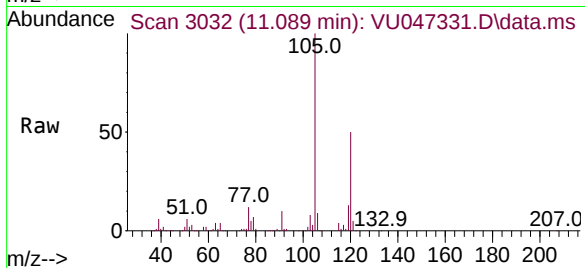
VSTD005084

Tgt Ion:105 Resp: 195605

Ion Ratio Lower Upper

105 100

120 50.3 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 6.022 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU047331.D

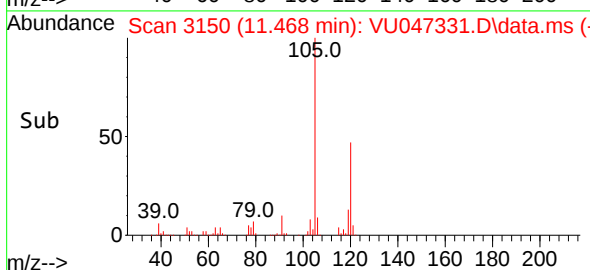
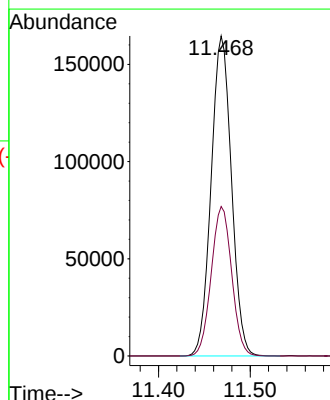
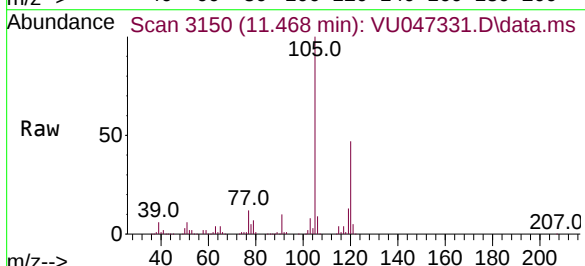
Acq: 04 Mar 2022 15:27

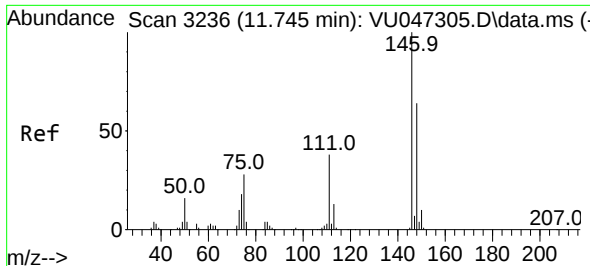
Tgt Ion:105 Resp: 253096

Ion Ratio Lower Upper

105 100

120 47.0 35.8 53.8

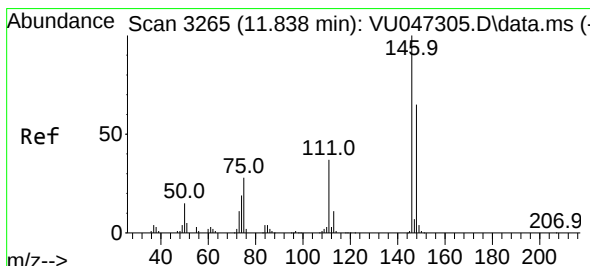
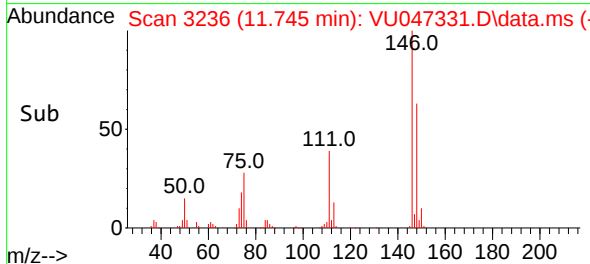
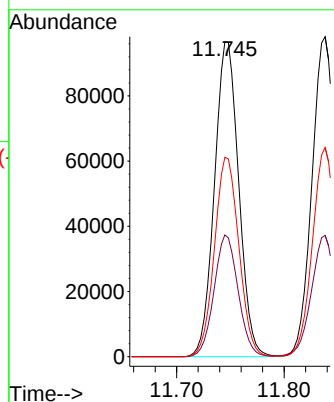
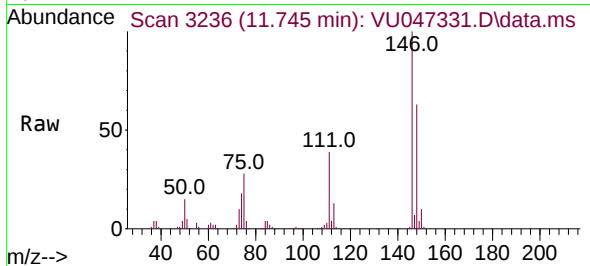




#64
1,3-Dichlorobenzene
Concen: 5.858 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU047331.D
Acq: 04 Mar 2022 15:27

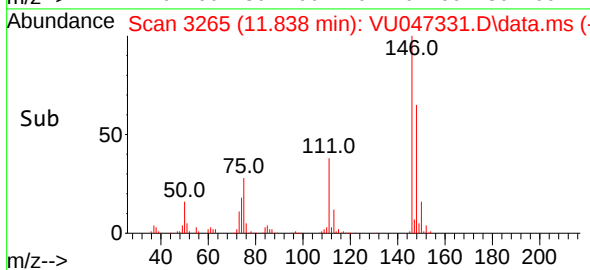
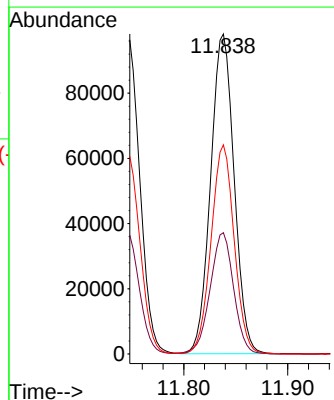
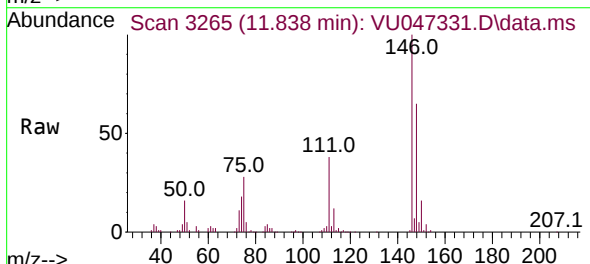
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

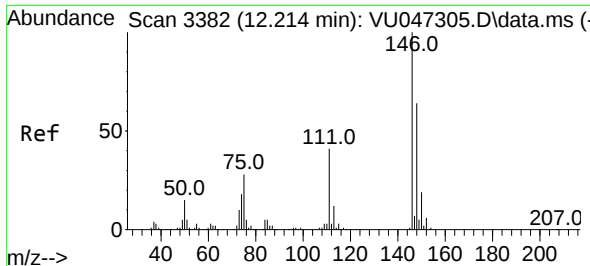
Tgt Ion:146 Resp: 151534
Ion Ratio Lower Upper
146 100
111 38.7 29.9 55.5
148 63.3 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.815 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU047331.D
Acq: 04 Mar 2022 15:27

Tgt Ion:146 Resp: 154106
Ion Ratio Lower Upper
146 100
111 37.9 28.7 53.3
148 65.3 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.786 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU047331.D

Acq: 04 Mar 2022 15:27

Instrument :

MSVOA_U

ClientSampleId :

VSTD005084

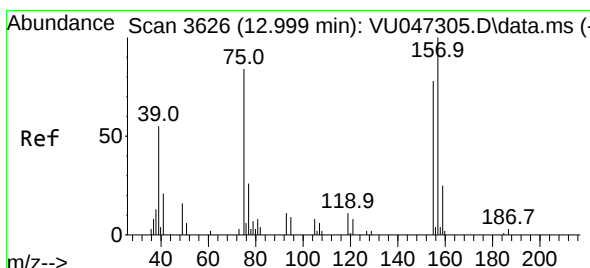
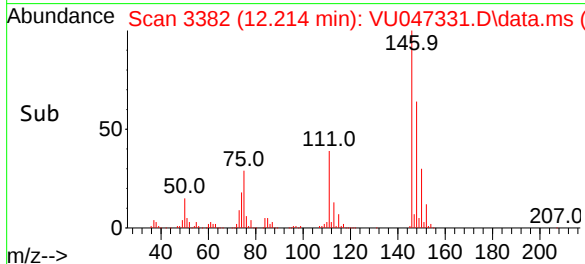
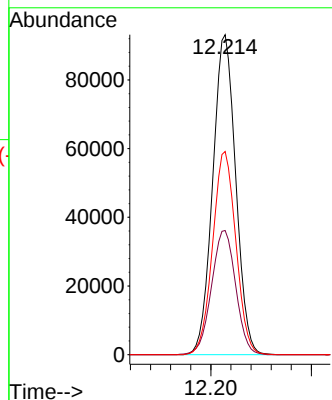
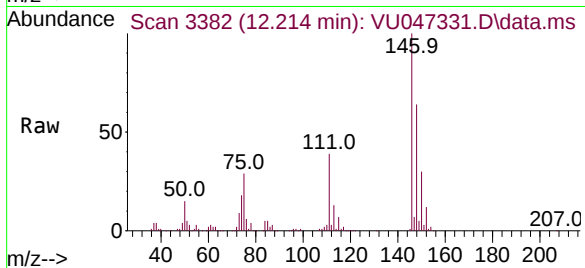
Tgt Ion:146 Resp: 148019

Ion Ratio Lower Upper

146 100

111 38.8 35.4 53.0

148 63.5 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.615 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU047331.D

Acq: 04 Mar 2022 15:27

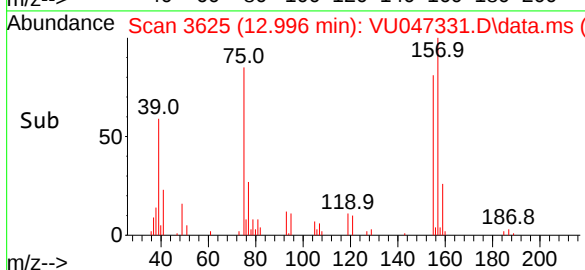
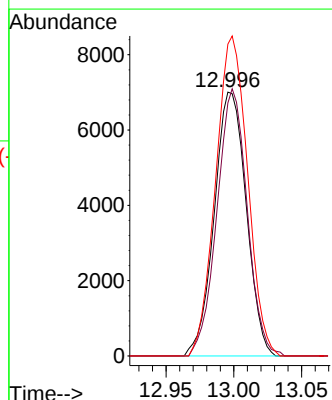
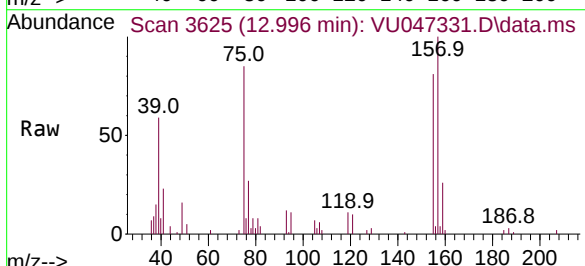
Tgt Ion: 75 Resp: 11478

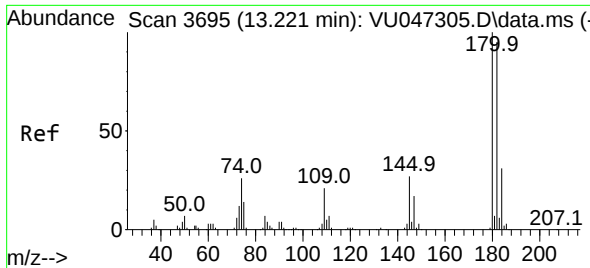
Ion Ratio Lower Upper

75 100

155 95.9 59.2 88.8#

157 118.2 76.5 114.7#



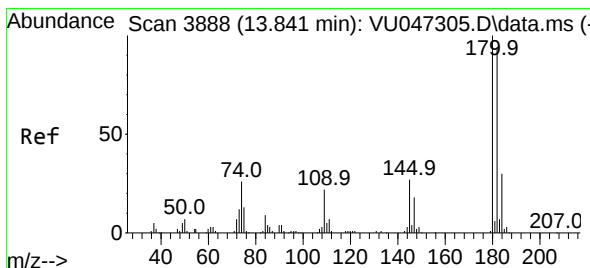
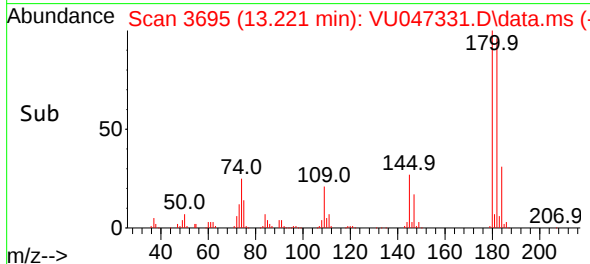
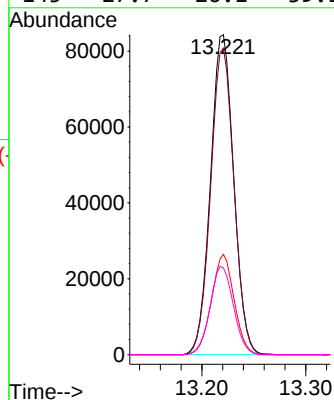
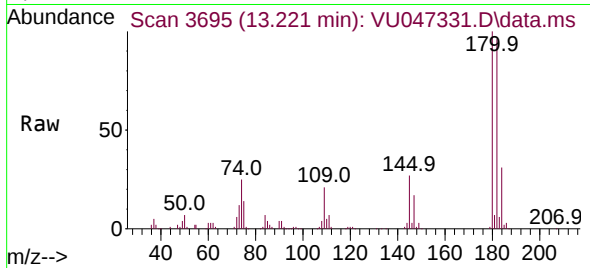


#69
 1,3,5-Trichlorobenzene
 Concen: 6.073 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU047331.D
 Acq: 04 Mar 2022 15:27

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005084

Tgt Ion:180 Resp: 130984

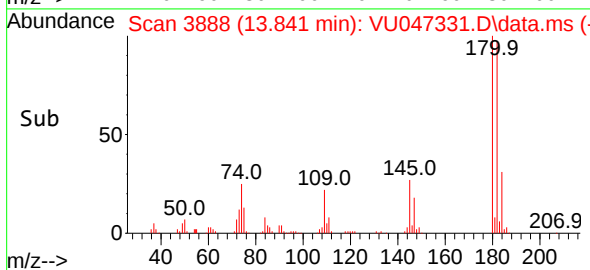
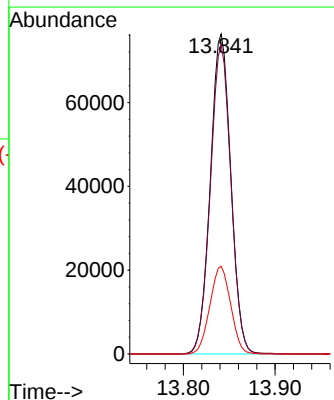
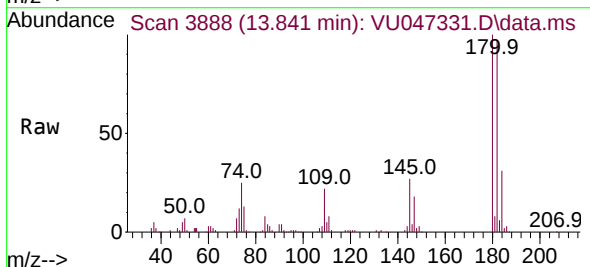
Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.1	114.1
184	30.6	25.0	37.4
145	27.7	26.1	39.1

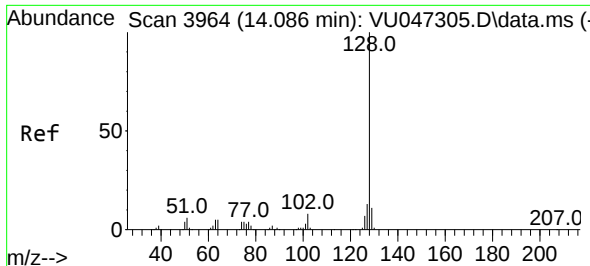


#70
 1,2,4-trichlorobenzene
 Concen: 6.055 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU047331.D
 Acq: 04 Mar 2022 15:27

Tgt Ion:180 Resp: 118692

Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.4	114.6
145	27.7	25.6	38.4

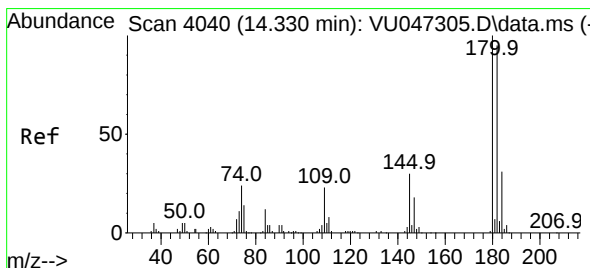
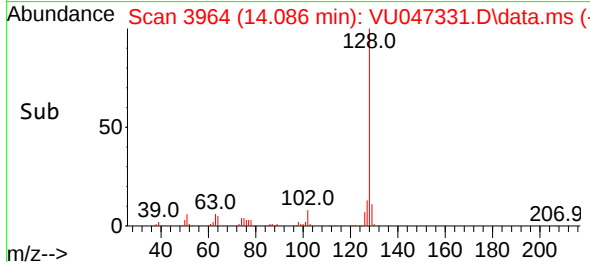
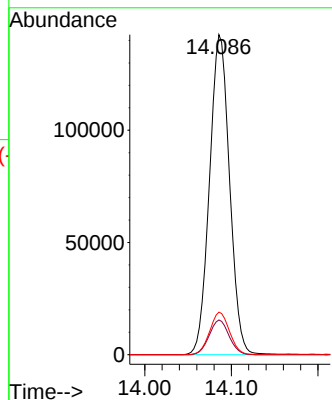
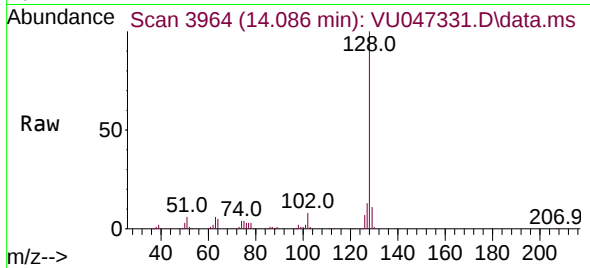




#71
Naphthalene
Concen: 5.868 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU047331.D
Acq: 04 Mar 2022 15:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

Tgt Ion:128 Resp: 229311
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 13.1 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 6.017 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047331.D
Acq: 04 Mar 2022 15:27

Tgt Ion:180 Resp: 109788
Ion Ratio Lower Upper
180 100
182 96.8 76.2 114.4
145 29.9 28.4 42.6

