

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U030322\
 Data File : VU047308.D
 Acq On : 03 Mar 2022 11:26
 Operator : SY/MD
 Sample : N1745-12MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB1MS

Quant Time: Mar 04 01:53:48 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	6.253	114	143999	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	147161	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	93772	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	46214	3.800	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.919	69	38477	3.992	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.571	65	20018	3.980	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	4.655	46	148841	51.203	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.400%
24) Chloroform-d	5.070	84	90260	4.468	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.706	65	47633	4.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	5.732	84	174086	4.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.693	67	54804	4.189	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.899	98	167870	4.173	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	8.179	79	23888	4.028	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.635	63	128986	41.303	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.600%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	54442	4.578	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	73395	4.362	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	58378	4.794	ug/L	100
3) Chloromethane	1.526	50	65055	4.926	ug/L	99
5) Vinyl chloride	1.607	62	62727	4.701	ug/L	99
6) Bromomethane	1.864	94	29849	3.806	ug/L	99
8) Chloroethane	1.938	64	38855	5.050	ug/L	98
9) Trichlorofluoromethane	2.144	101	87217	5.364	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	52441	5.346	ug/L	91
12) 1,1-Dichloroethene	2.584	96	49418	5.215	ug/L	83
13) Acetone	2.678	43	89731	61.660	ug/L	56
14) Carbon disulfide	2.800	76	141620	4.481	ug/L	100
15) Methyl Acetate	2.964	43	20065	4.455	ug/L #	84
16) Methylene chloride	3.050	84	56126	5.317	ug/L	92
17) Methyl tert-butyl Ether	3.369	73	135617	5.237	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	53745	5.248	ug/L	88
19) 1,1-Dichloroethane	3.877	63	94141	5.259	ug/L	99
21) 2-Butanone	4.732	43	166386	60.882	ug/L	93
22) cis-1,2-Dichloroethene	4.671	96	59922	5.376	ug/L	96
23) Bromochloromethane	4.980	128	29789	5.701	ug/L	85
25) Chloroform	5.092	83	101015	5.389	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
 Data File : VU047308.D
 Acq On : 03 Mar 2022 11:26
 Operator : SY/MD
 Sample : N1745-12MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

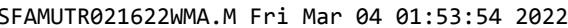
Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB1MS

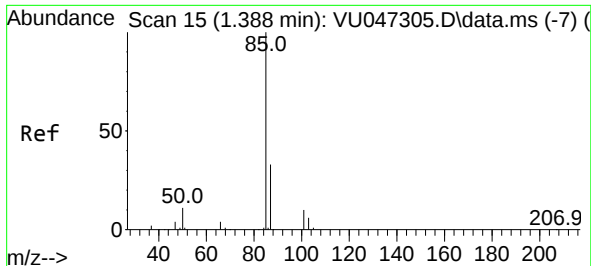
Quant Time: Mar 04 01:53:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 01:50:04 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	64828	5.174	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	87227	5.474	ug/L	99
30) Cyclohexane	5.391	56	80493	4.628	ug/L	95
31) Carbon tetrachloride	5.529	117	75906	5.471	ug/L	100
33) Benzene	5.777	78	223756	5.351	ug/L	100
34) Trichloroethene	6.546	95	58574	5.252	ug/L	93
35) Methylcyclohexane	6.764	83	90912	4.830	ug/L	96
37) 1,2-Dichloropropane	6.793	63	57247	5.296	ug/L	100
38) Bromodichloromethane	7.108	83	73677	5.336	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	83695	4.979	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	396011	51.346	ug/L	97
42) Toluene	7.970	91	242581	5.212	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	76882	5.077	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	47284	5.634	ug/L	97
47) Tetrachloroethene	8.555	164	50513	5.581	ug/L	89
48) 2-Hexanone	8.687	43	290557	50.670	ug/L	98
49) Dibromochloromethane	8.812	129	55923	5.531	ug/L	100
50) 1,2-Dibromoethane	8.925	107	47227	5.579	ug/L #	98
51) Chlorobenzene	9.449	112	162955	5.423	ug/L	95
52) Ethylbenzene	9.571	91	267645	5.247	ug/L	99
53) m,p-Xylene	9.693	106	103911	5.189	ug/L	99
54) o-Xylene	10.102	106	102205	5.240	ug/L	97
55) Styrene	10.115	104	172851	5.298	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.783	83	64651	5.820	ug/L	95
59) Bromoform	10.291	173	35775	5.239	ug/L #	95
60) Isopropylbenzene	10.484	105	271940	4.943	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	45414	5.072	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	180217	4.906	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	232837	4.923	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	140756	5.305	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	140967	5.251	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	134287	5.313	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.995	75	10462	5.058	ug/L #	78
69) 1,3,5-Trichlorobenzene	13.220	180	119807	5.465	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	108121	5.298	ug/L	98
71) Naphthalene	14.085	128	202031	4.797	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	98879	5.151	ug/L	98

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

Quant Time: Mar 04 01:53:48 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

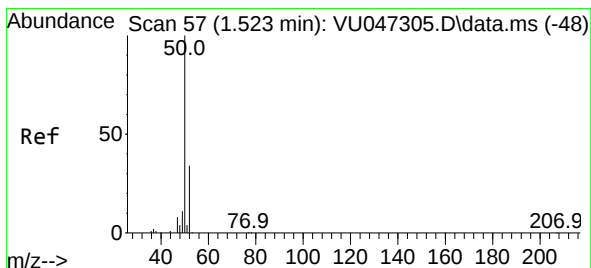
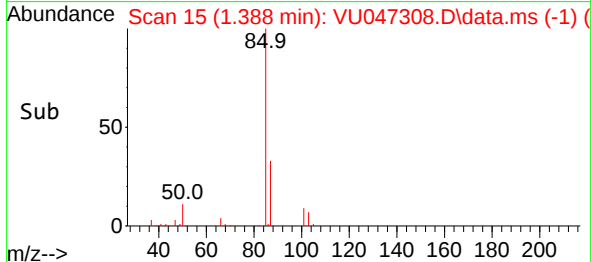
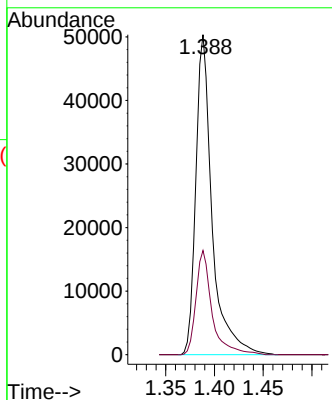
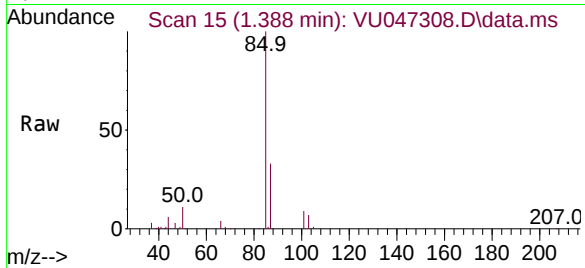




#2
Dichlorodifluoromethane
Concen: 4.794 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU047308.D
Acq: 03 Mar 2022 11:26

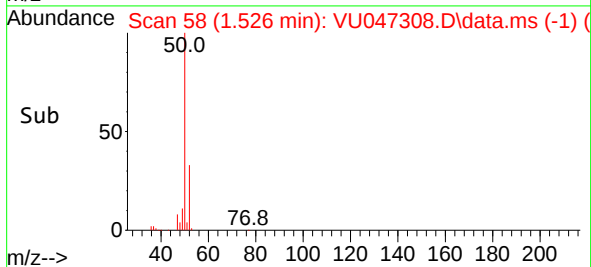
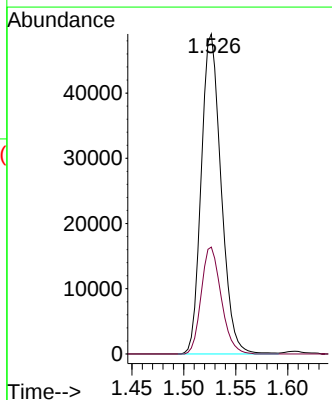
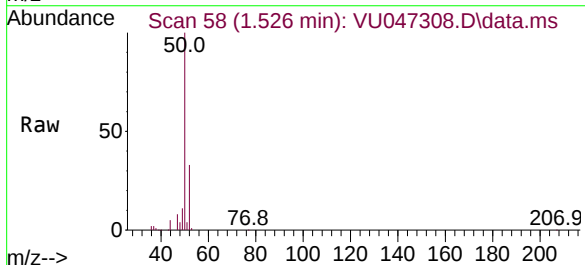
Instrument :
MSVOA_U
ClientSampleId :
H0AB1MS

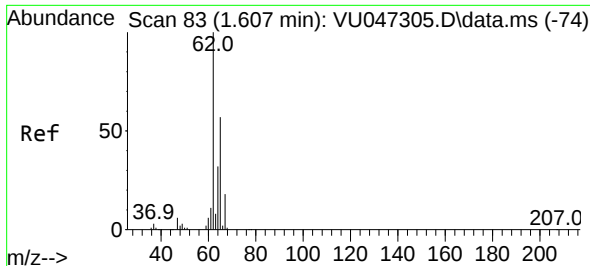
Tgt Ion: 85 Resp: 58378
Ion Ratio Lower Upper
85 100
87 32.1 25.8 38.6



#3
Chloromethane
Concen: 4.926 ug/L
RT: 1.526 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU047308.D
Acq: 03 Mar 2022 11:26

Tgt Ion: 50 Resp: 65055
Ion Ratio Lower Upper
50 100
52 33.4 23.0 42.8

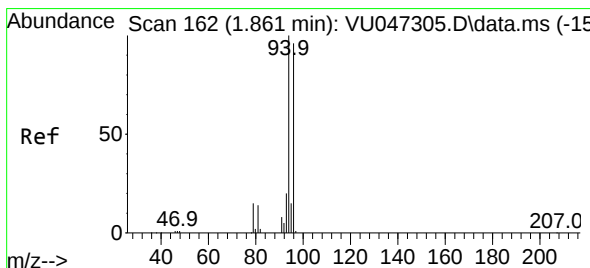
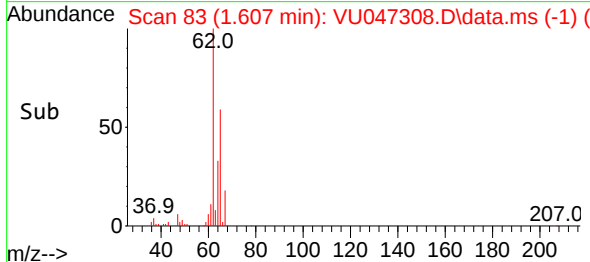
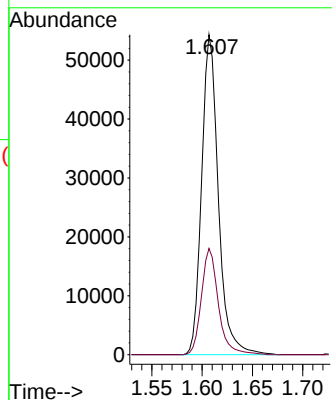
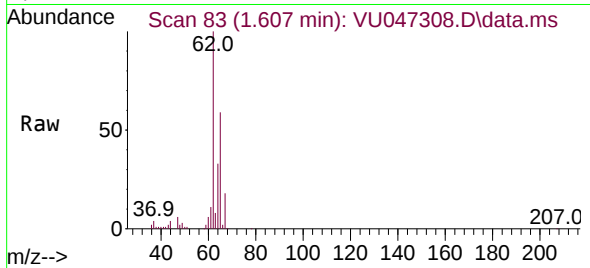




#5
 Vinyl chloride
 Concen: 4.701 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047308.D
 Acq: 03 Mar 2022 11:26

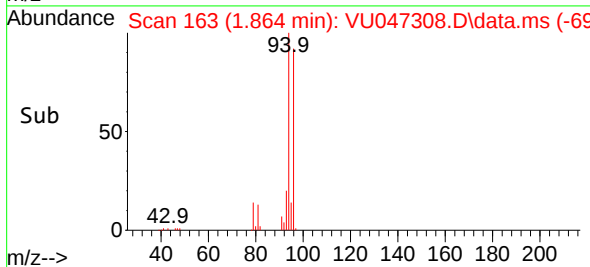
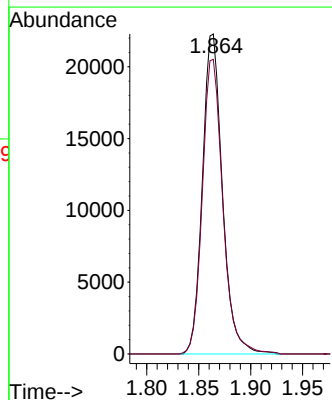
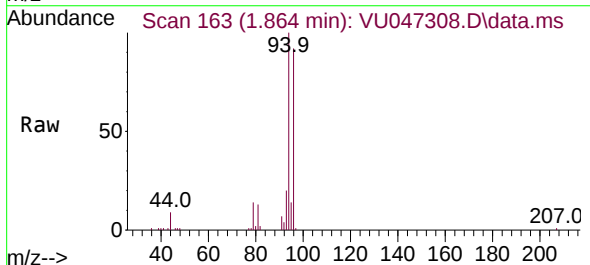
Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB1MS

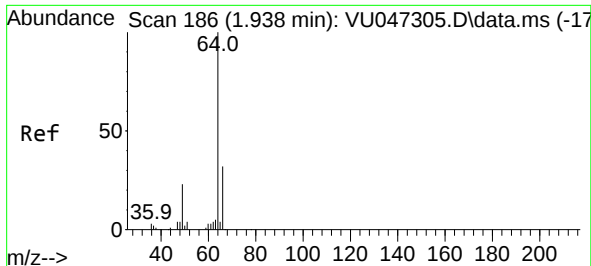
Tgt Ion: 62 Resp: 62727
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.9 42.5



#6
 Bromomethane
 Concen: 3.806 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU047308.D
 Acq: 03 Mar 2022 11:26

Tgt Ion: 94 Resp: 29849
 Ion Ratio Lower Upper
 94 100
 96 92.1 65.5 121.6

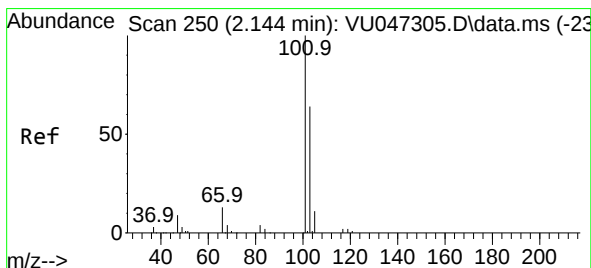
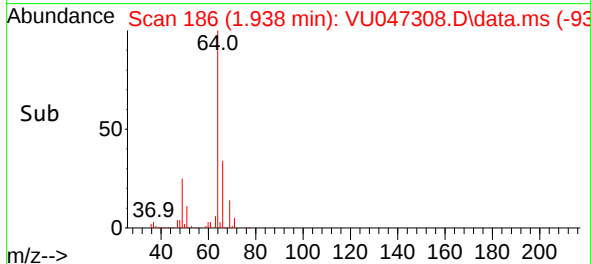
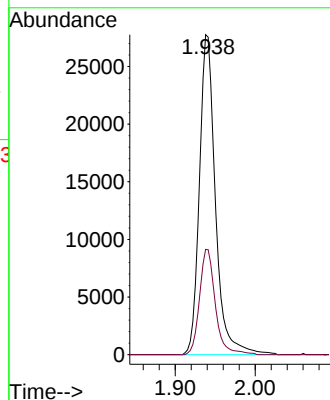
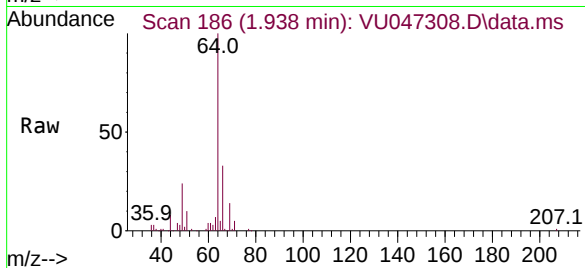




#8
Chloroethane
Concen: 5.050 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047308.D
Acq: 03 Mar 2022 11:26

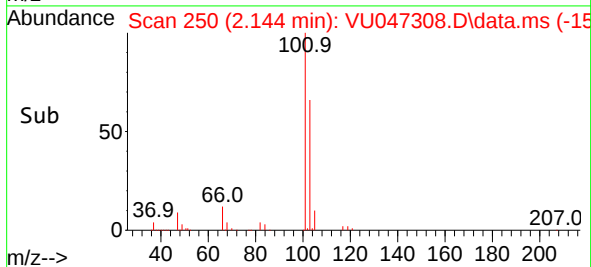
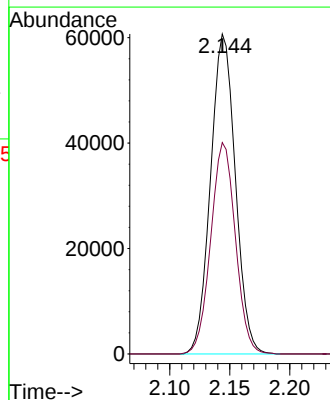
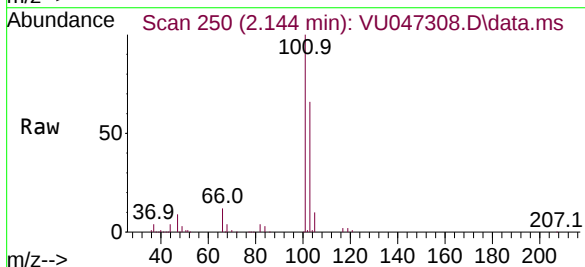
Instrument :
MSVOA_U
ClientSampleId :
H0AB1MS

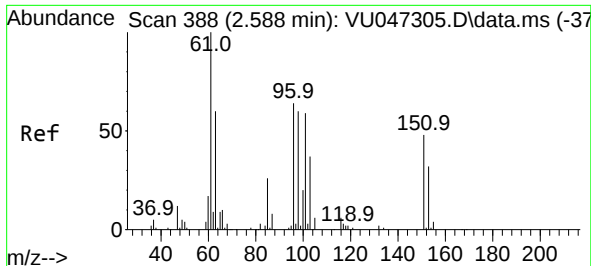
Tgt Ion: 64 Resp: 38855
Ion Ratio Lower Upper
64 100
66 32.9 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.364 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU047308.D
Acq: 03 Mar 2022 11:26

Tgt Ion: 101 Resp: 87217
Ion Ratio Lower Upper
101 100
103 65.6 51.5 77.3

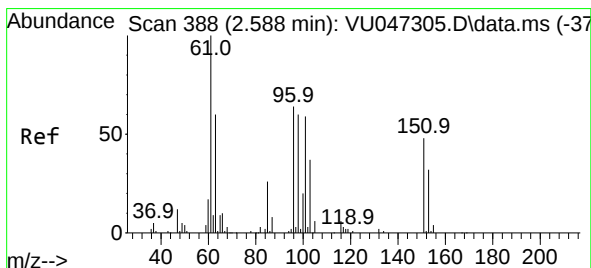
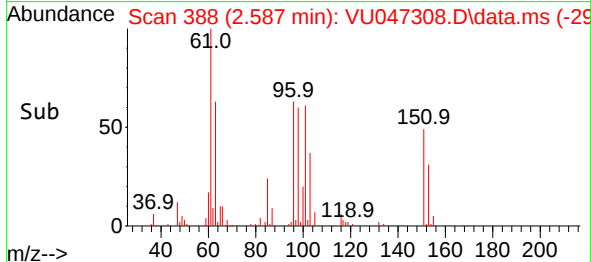
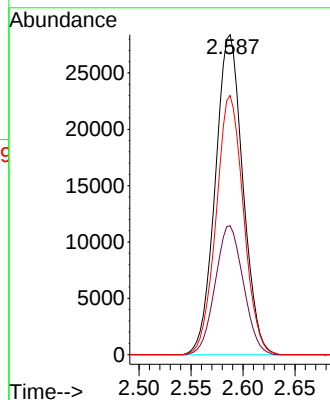
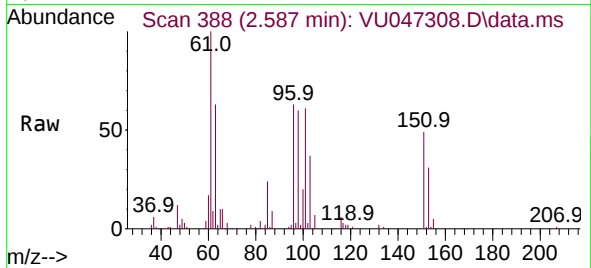




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.346 ug/L
RT: 2.587 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU047308.D
Acq: 03 Mar 2022 11:26

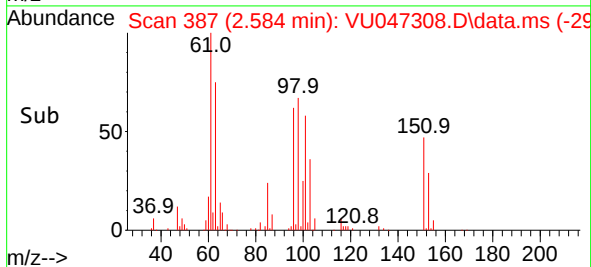
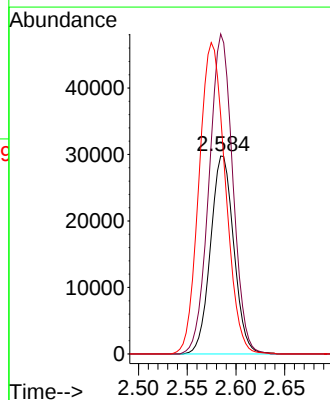
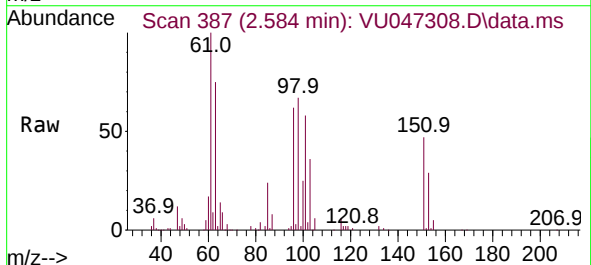
Instrument :
MSVOA_U
ClientSampleId :
H0AB1MS

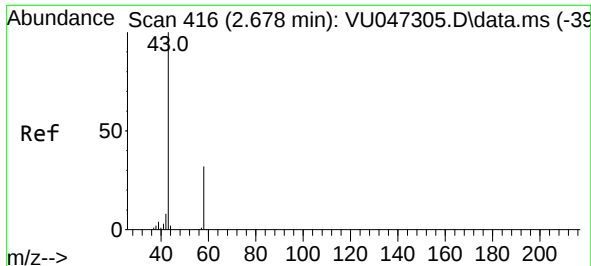
Tgt Ion:101 Resp: 52441
Ion Ratio Lower Upper
101 100
85 41.2 34.6 51.8
151 80.5 56.1 84.1



#12
1,1-Dichloroethene
Concen: 5.215 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU047308.D
Acq: 03 Mar 2022 11:26

Tgt Ion: 96 Resp: 49418
Ion Ratio Lower Upper
96 100
61 161.6 124.7 231.5
63 120.6 105.2 195.4





#13

Acetone

Concen: 61.660 ug/L

RT: 2.678 min Scan# 416

Delta R.T. -0.000 min

Lab File: VU047308.D

Acq: 03 Mar 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

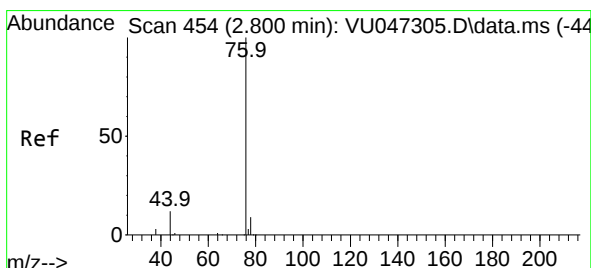
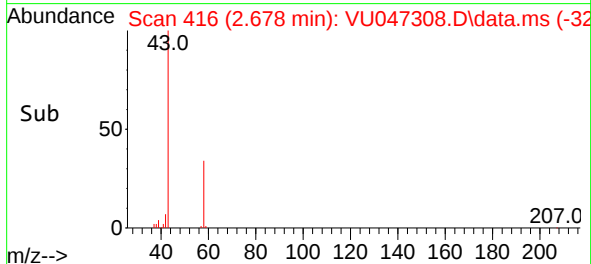
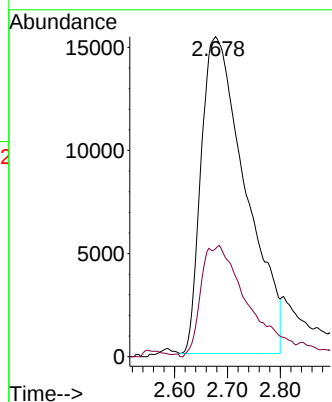
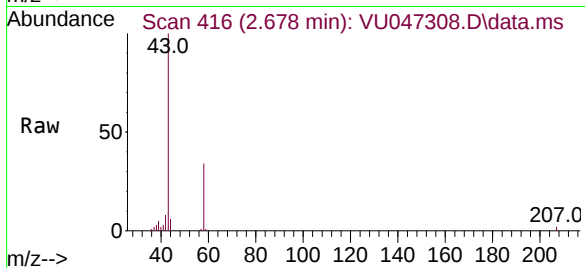
H0AB1MS

Tgt Ion: 43 Resp: 89731

Ion Ratio Lower Upper

43 100

58 9.7 0.0 71.6



#14

Carbon disulfide

Concen: 4.481 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU047308.D

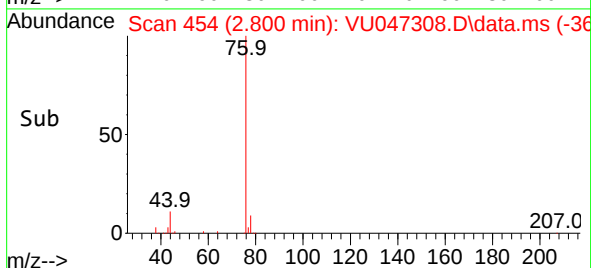
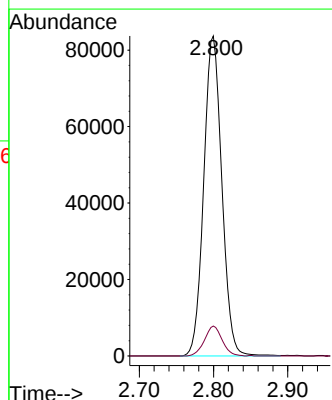
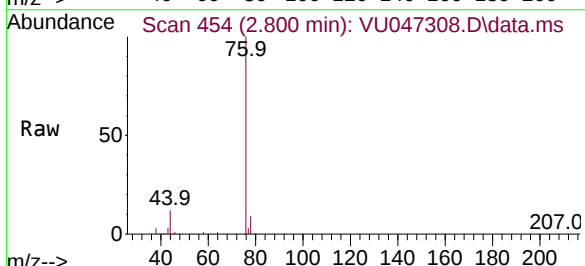
Acq: 03 Mar 2022 11:26

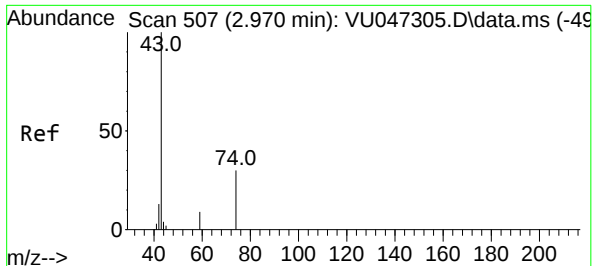
Tgt Ion: 76 Resp: 141620

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

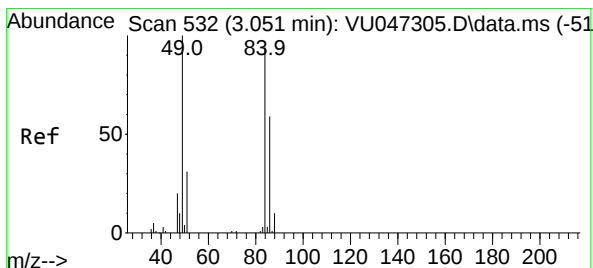
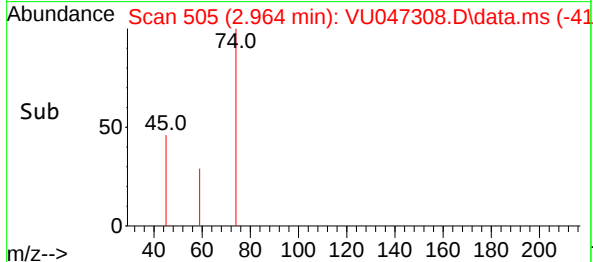
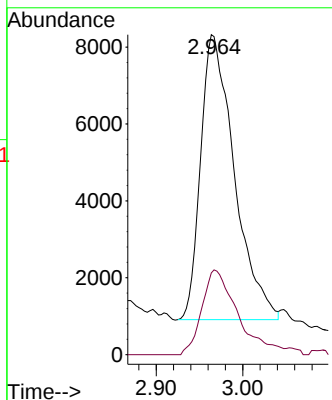
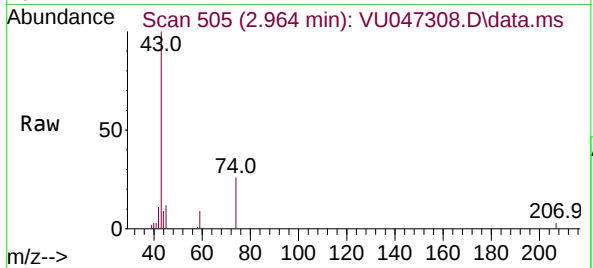




#15
Methyl Acetate
Concen: 4.455 ug/L
RT: 2.964 min Scan# 507
Delta R.T. -0.007 min
Lab File: VU047308.D
Acq: 03 Mar 2022 11:26

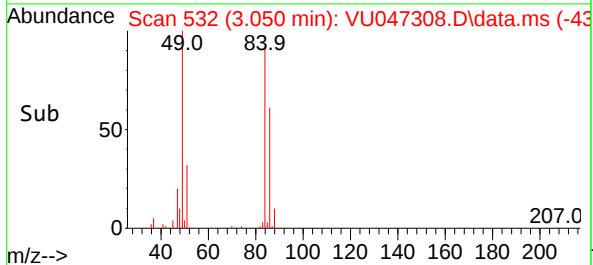
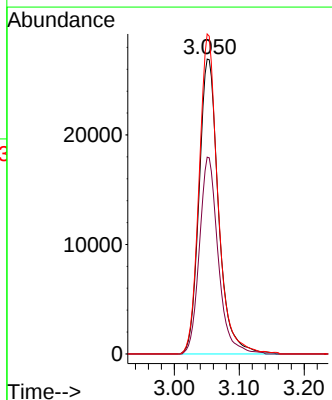
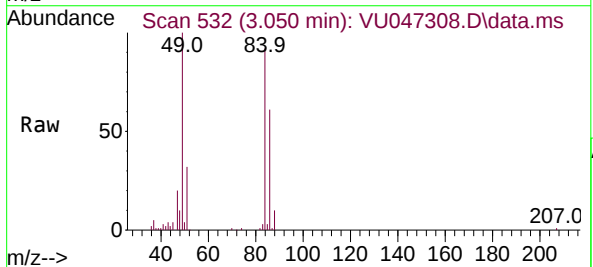
Instrument :
MSVOA_U
ClientSampleId :
H0AB1MS

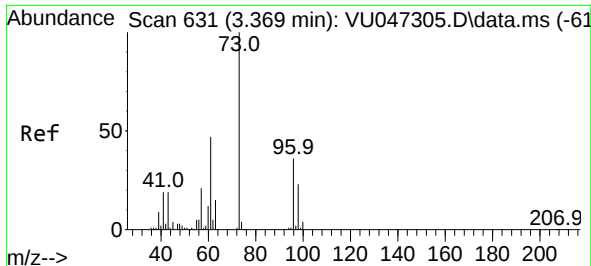
Tgt Ion: 43 Resp: 20065
Ion Ratio Lower Upper
43 100
74 31.8 19.1 28.7#



#16
Methylene chloride
Concen: 5.317 ug/L
RT: 3.050 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU047308.D
Acq: 03 Mar 2022 11:26

Tgt Ion: 84 Resp: 56126
Ion Ratio Lower Upper
84 100
86 66.7 45.8 85.0
49 108.5 84.5 156.9

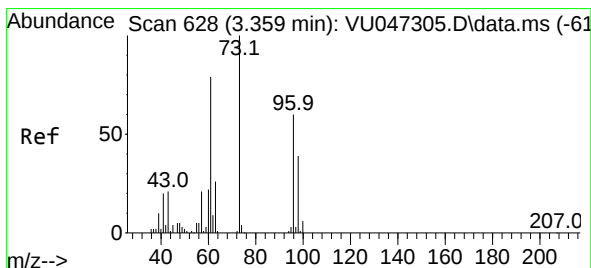
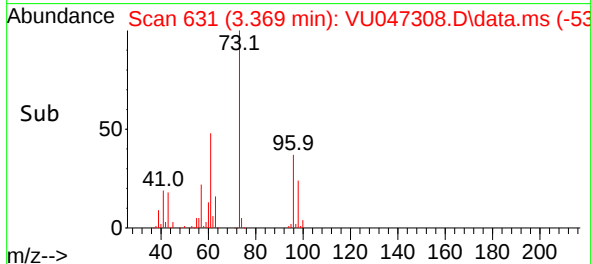
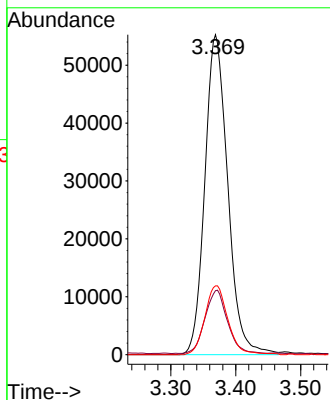
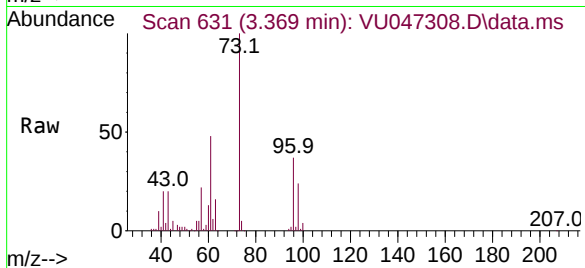




#17
Methyl tert-butyl Ether
Concen: 5.237 ug/L
RT: 3.369 min Scan# 611
Delta R.T. -0.000 min
Lab File: VU047308.D
Acq: 03 Mar 2022 11:26

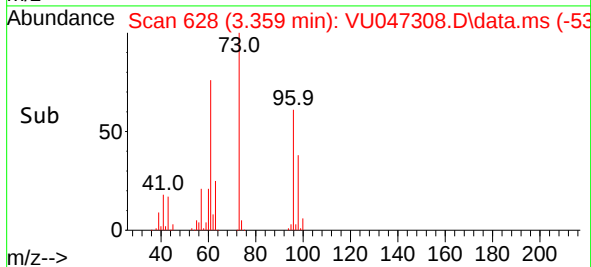
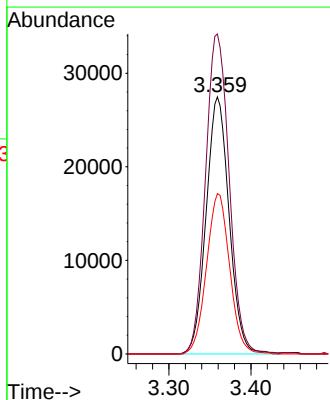
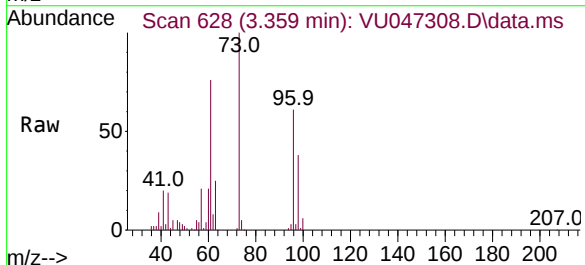
Instrument :
MSVOA_U
ClientSampleId :
H0AB1MS

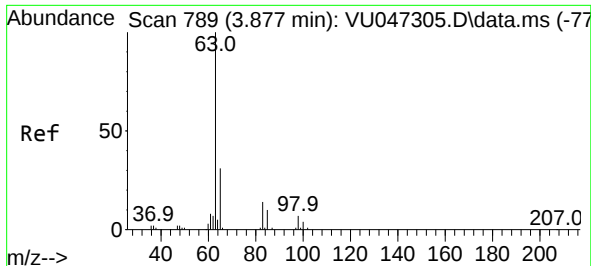
Tgt Ion: 73 Resp: 135617
Ion Ratio Lower Upper
73 100
43 19.2 14.8 22.2
57 21.7 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 5.248 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU047308.D
Acq: 03 Mar 2022 11:26

Tgt Ion: 96 Resp: 53745
Ion Ratio Lower Upper
96 100
61 124.5 100.8 187.2
98 62.4 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.259 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU047308.D

Acq: 03 Mar 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

H0AB1MS

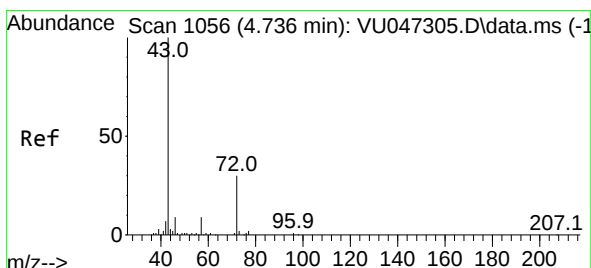
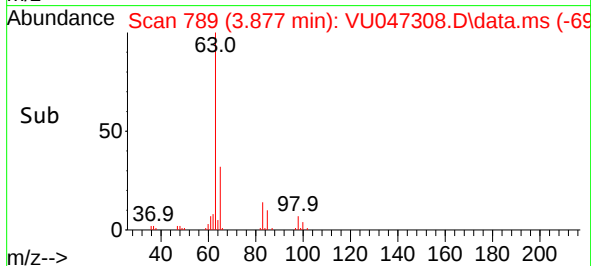
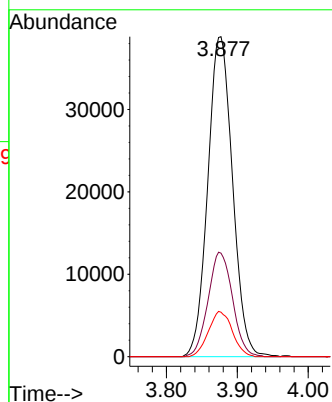
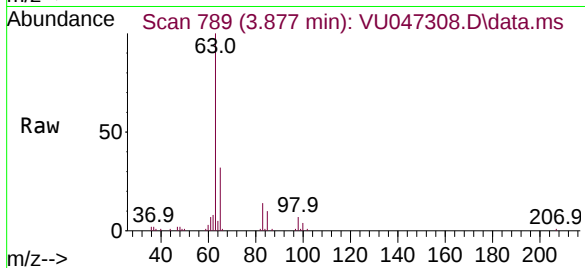
Tgt Ion: 63 Resp: 94141

Ion Ratio Lower Upper

63 100

65 32.3 22.3 41.5

83 13.9 9.6 17.8



#21

2-Butanone

Concen: 60.882 ug/L

RT: 4.732 min Scan# 1055

Delta R.T. -0.003 min

Lab File: VU047308.D

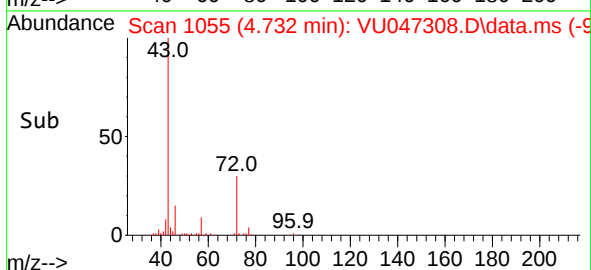
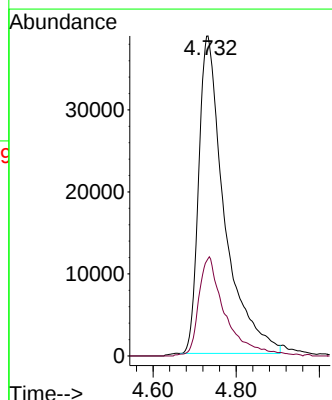
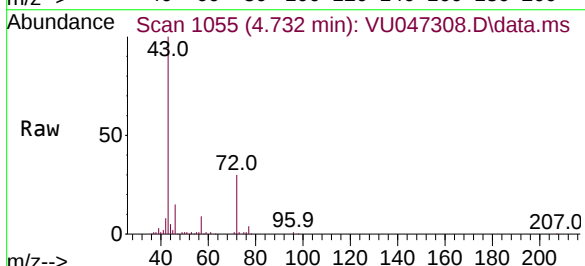
Acq: 03 Mar 2022 11:26

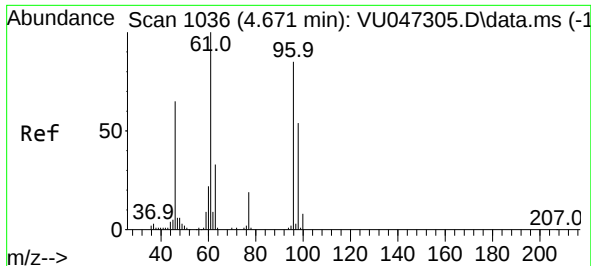
Tgt Ion: 43 Resp: 166386

Ion Ratio Lower Upper

43 100

72 32.1 14.1 42.3

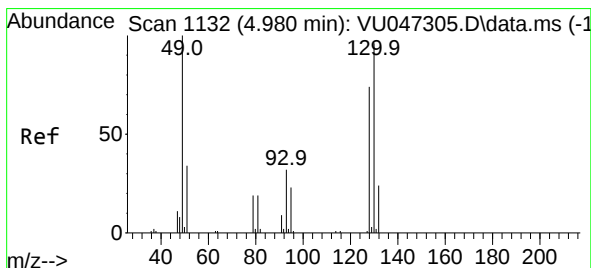
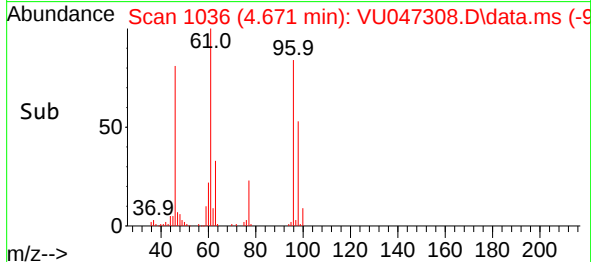
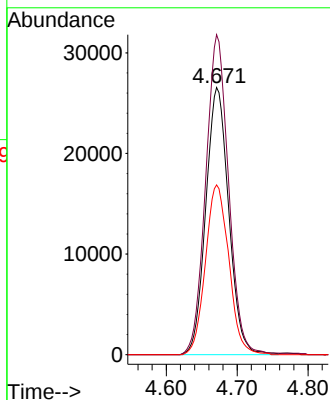
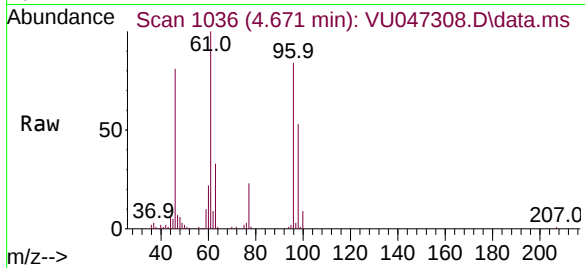




#22
 cis-1,2-Dichloroethene
 Concen: 5.376 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU047308.D
 Acq: 03 Mar 2022 11:26

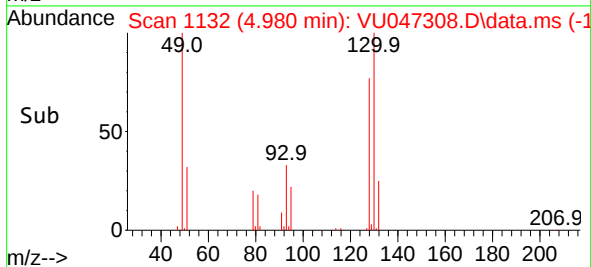
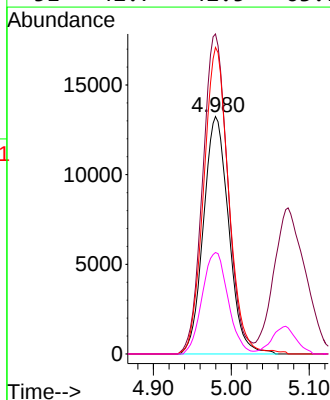
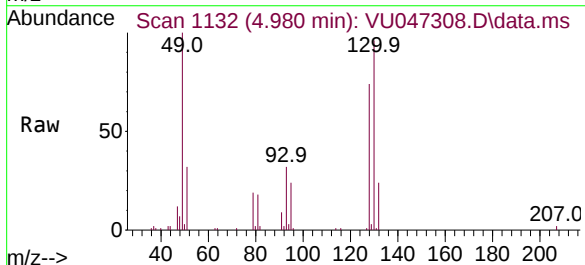
Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB1MS

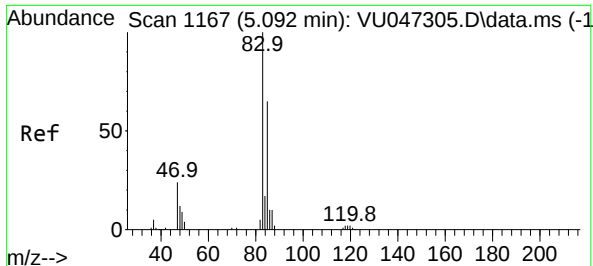
Tgt Ion: 96 Resp: 59922
 Ion Ratio Lower Upper
 96 100
 61 119.7 88.5 164.3
 98 63.5 44.4 82.5



#23
 Bromochloromethane
 Concen: 5.701 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VU047308.D
 Acq: 03 Mar 2022 11:26

Tgt Ion: 128 Resp: 29789
 Ion Ratio Lower Upper
 128 100
 49 134.8 117.0 217.2
 130 129.1 88.2 163.8
 51 42.7 42.5 63.7





#25

Chloroform

Concen: 5.389 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047308.D

Acq: 03 Mar 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

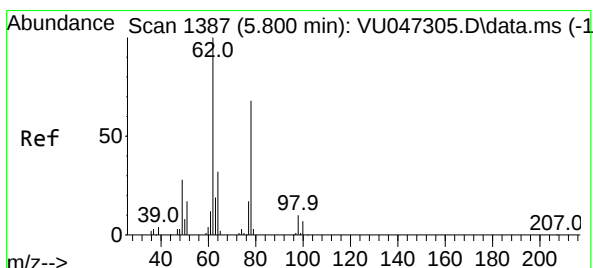
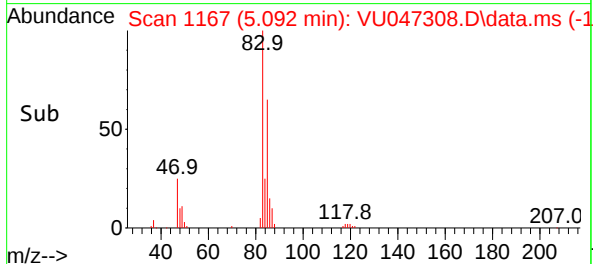
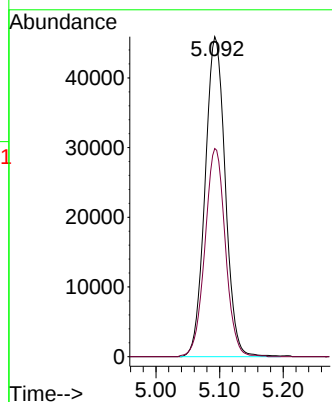
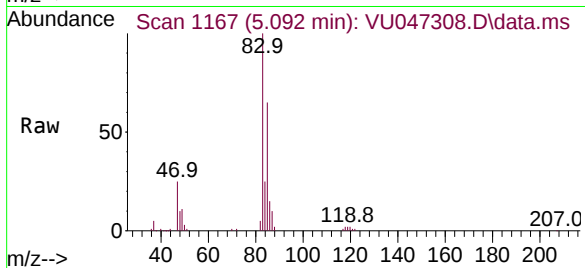
H0AB1MS

Tgt Ion: 83 Resp: 101015

Ion Ratio Lower Upper

83 100

85 65.0 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.174 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU047308.D

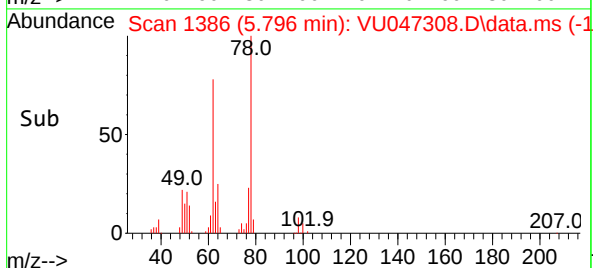
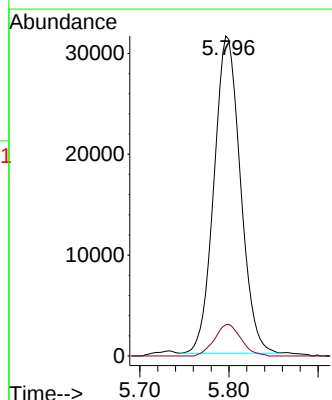
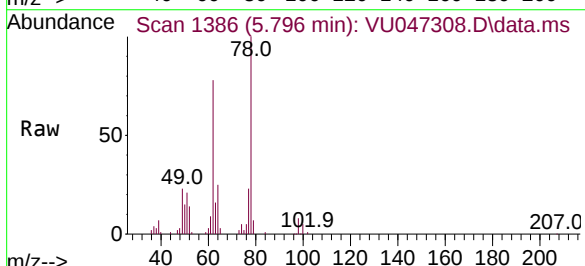
Acq: 03 Mar 2022 11:26

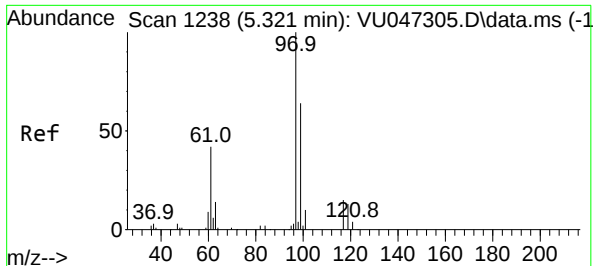
Tgt Ion: 62 Resp: 64828

Ion Ratio Lower Upper

62 100

98 9.8 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.474 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047308.D

Acq: 03 Mar 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

H0AB1MS

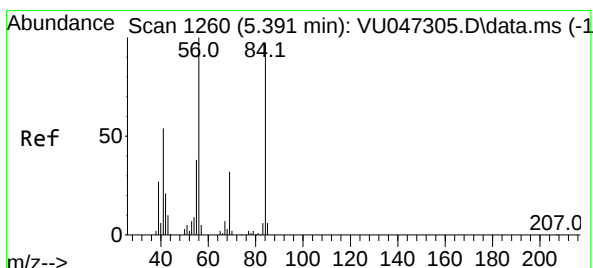
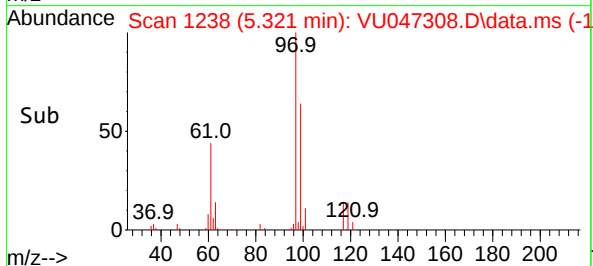
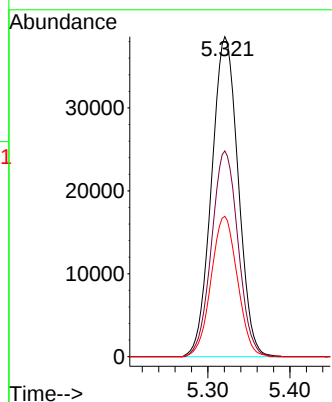
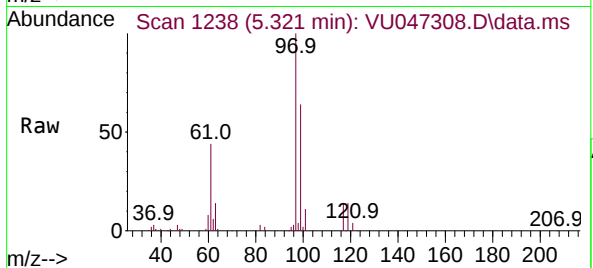
Tgt Ion: 97 Resp: 87227

Ion Ratio Lower Upper

97 100

99 64.0 51.3 76.9

61 43.3 36.1 54.1



#30

Cyclohexane

Concen: 4.628 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VU047308.D

Acq: 03 Mar 2022 11:26

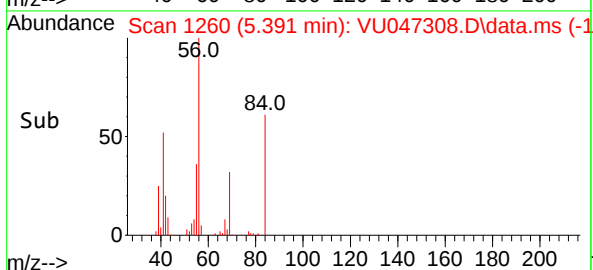
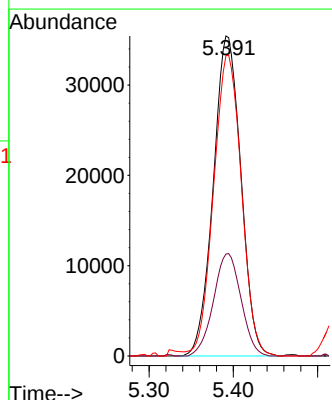
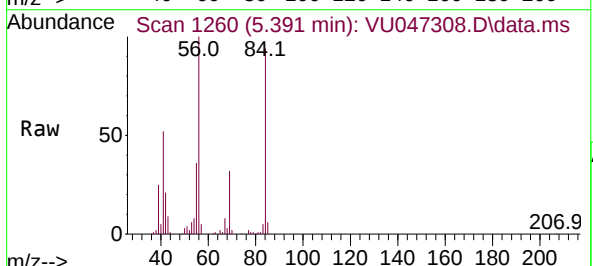
Tgt Ion: 56 Resp: 80493

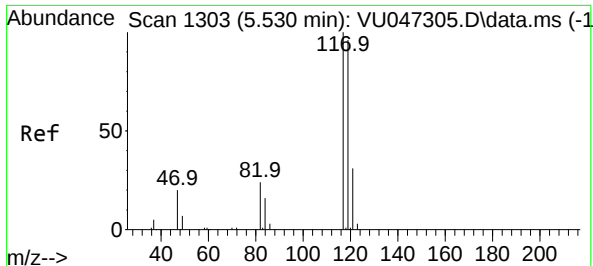
Ion Ratio Lower Upper

56 100

69 31.9 24.7 37.1

84 94.8 71.8 107.6

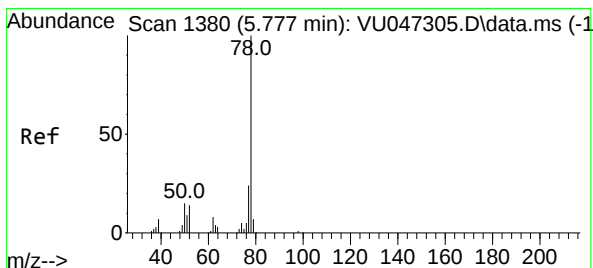
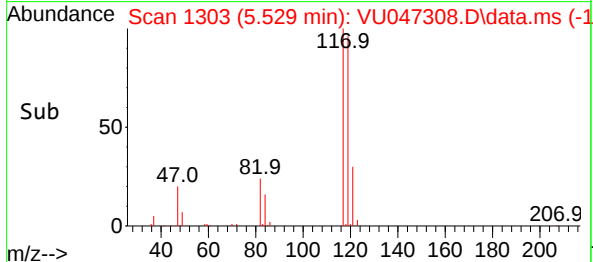
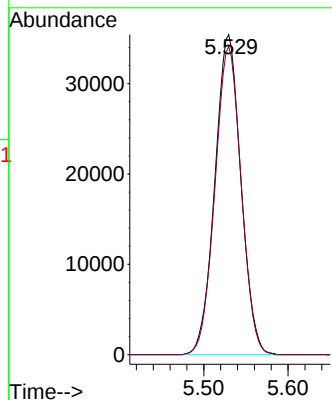
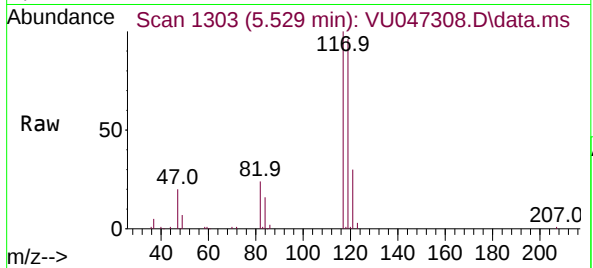




#31
Carbon tetrachloride
Concen: 5.471 ug/L
RT: 5.529 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU047308.D
Acq: 03 Mar 2022 11:26

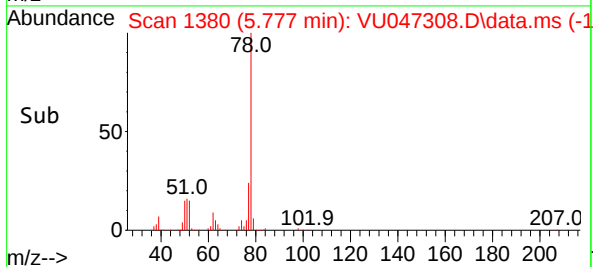
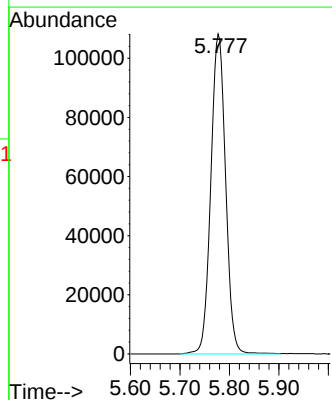
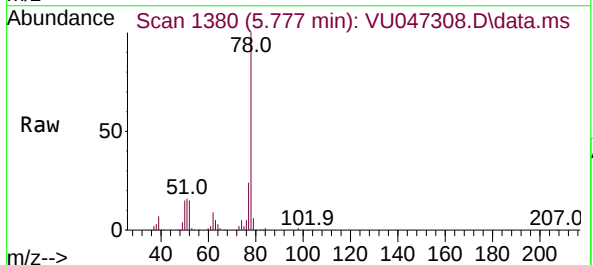
Instrument :
MSVOA_U
ClientSampleId :
H0AB1MS

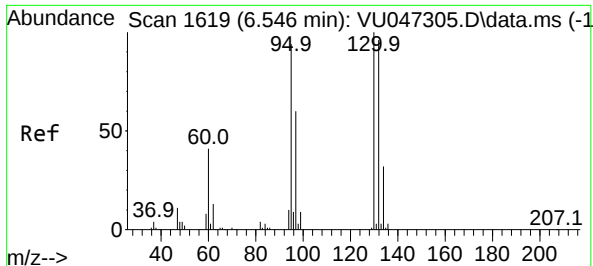
Tgt Ion:117 Resp: 75906
Ion Ratio Lower Upper
117 100
119 96.7 77.5 116.3



#33
Benzene
Concen: 5.351 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047308.D
Acq: 03 Mar 2022 11:26

Tgt Ion: 78 Resp: 223756





#34

Trichloroethene

Concen: 5.252 ug/L

RT: 6.546 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047308.D

Acq: 03 Mar 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

H0AB1MS

Tgt Ion: 95 Resp: 58574

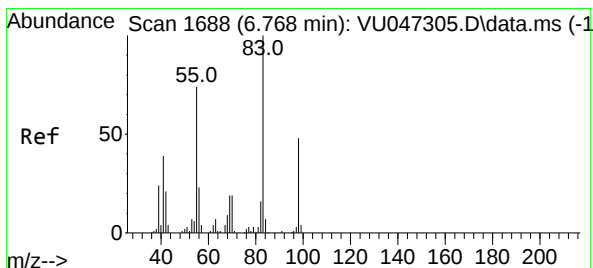
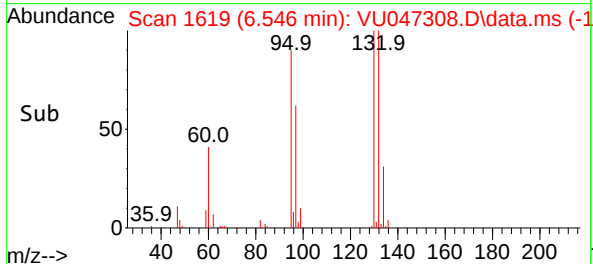
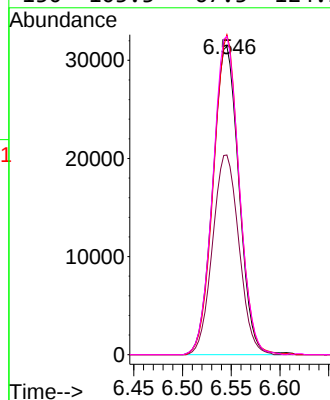
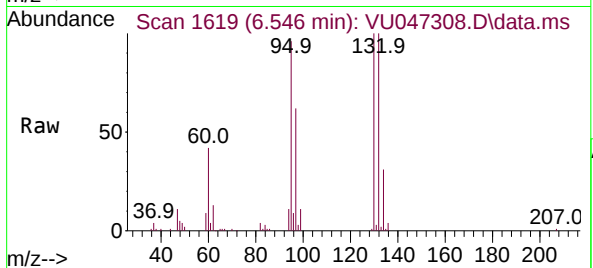
Ion Ratio Lower Upper

95 100

97 64.8 46.5 86.5

132 103.8 65.1 120.9

130 103.3 67.3 124.9



#35

Methylcyclohexane

Concen: 4.830 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. -0.003 min

Lab File: VU047308.D

Acq: 03 Mar 2022 11:26

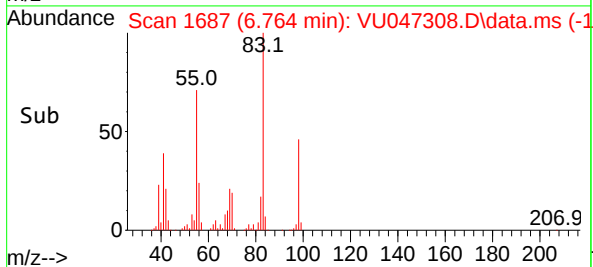
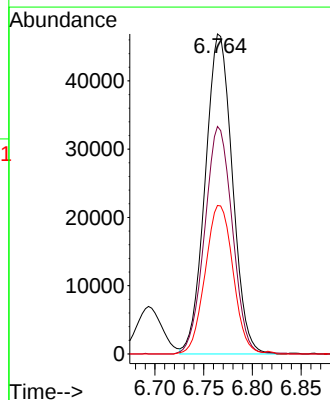
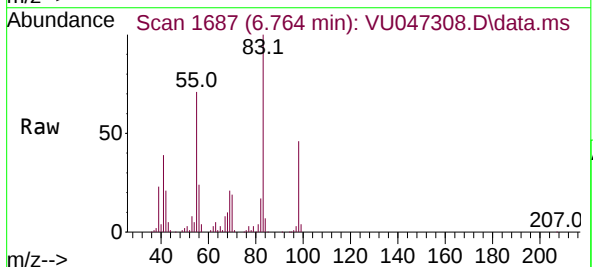
Tgt Ion: 83 Resp: 90912

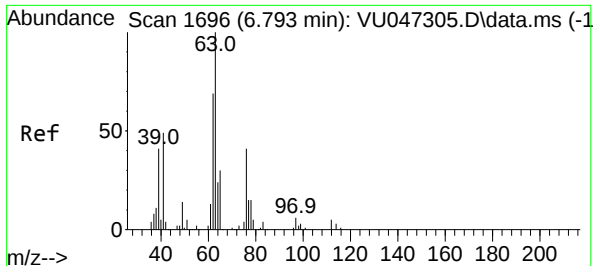
Ion Ratio Lower Upper

83 100

55 72.5 61.9 92.9

98 47.5 39.0 58.6





#37

1,2-Dichloropropane

Concen: 5.296 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047308.D

Acq: 03 Mar 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

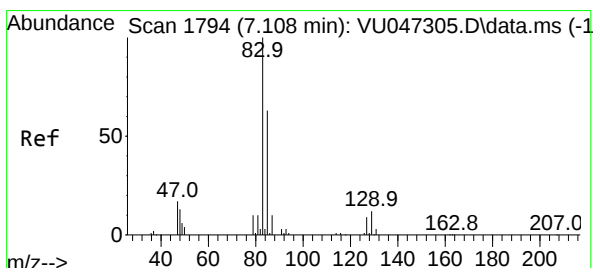
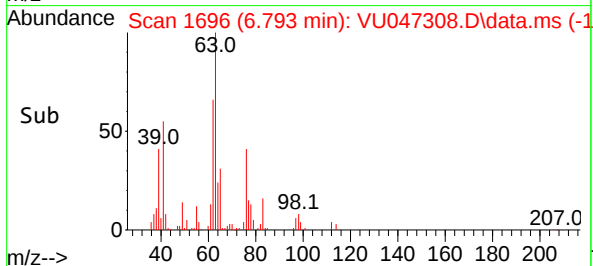
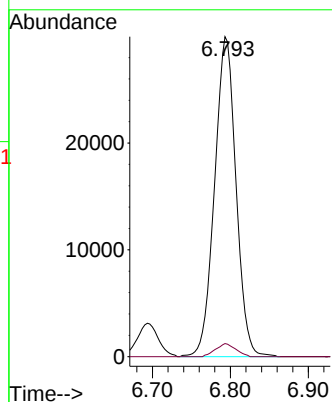
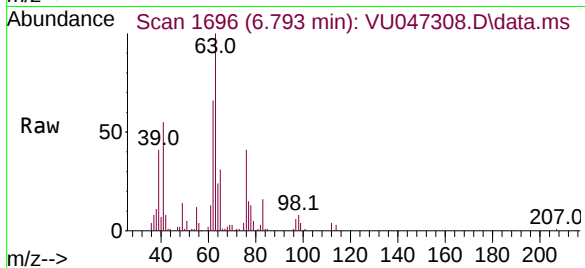
H0AB1MS

Tgt Ion: 63 Resp: 57247

Ion Ratio Lower Upper

63 100

112 3.9 3.2 4.8



#38

Bromodichloromethane

Concen: 5.336 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047308.D

Acq: 03 Mar 2022 11:26

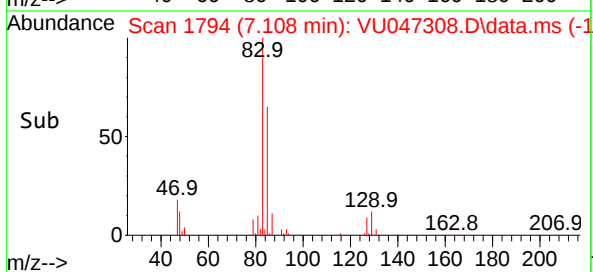
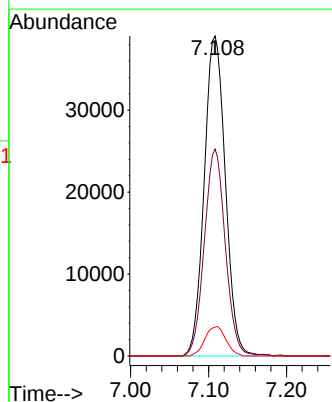
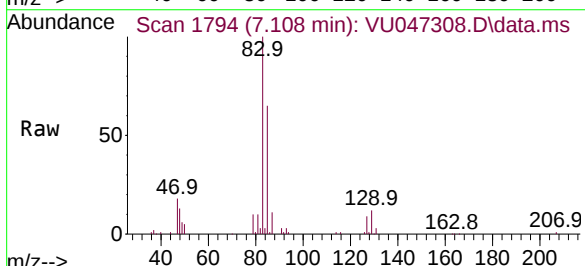
Tgt Ion: 83 Resp: 73677

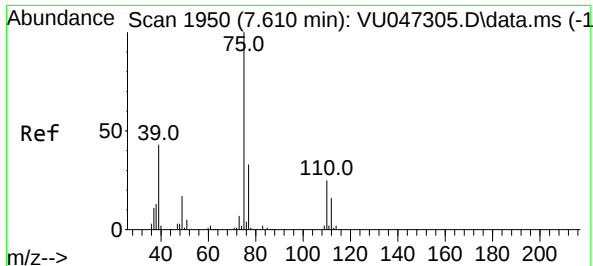
Ion Ratio Lower Upper

83 100

85 64.7 44.0 81.8

127 9.1 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.979 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047308.D

Acq: 03 Mar 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

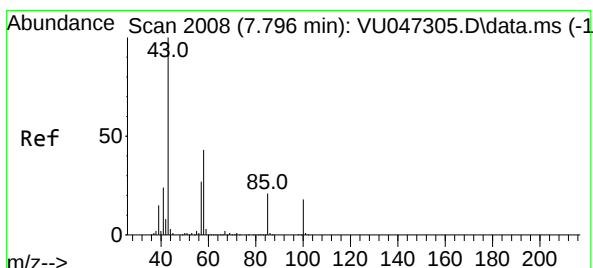
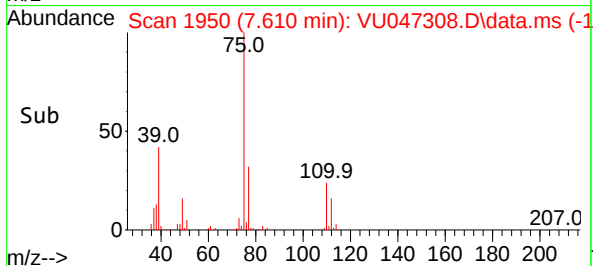
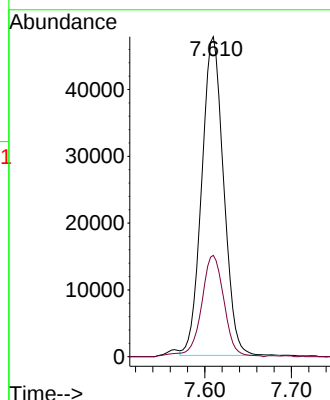
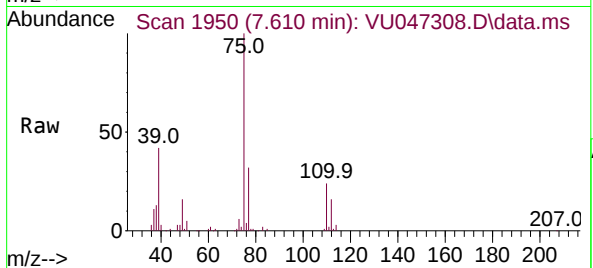
H0AB1MS

Tgt Ion: 75 Resp: 83695

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 51.346 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU047308.D

Acq: 03 Mar 2022 11:26

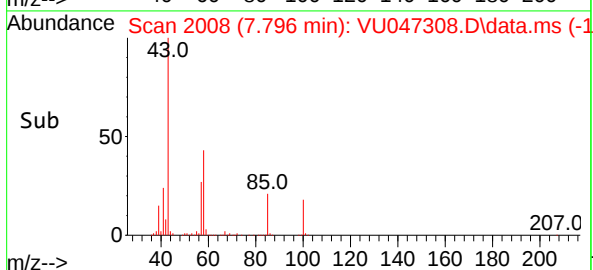
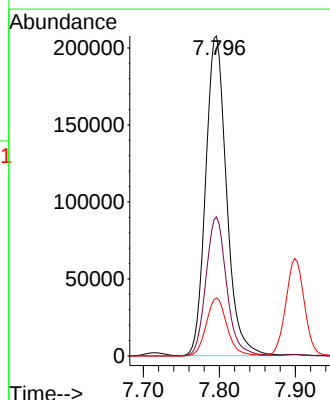
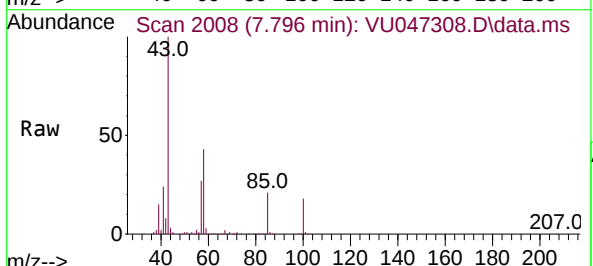
Tgt Ion: 43 Resp: 396011

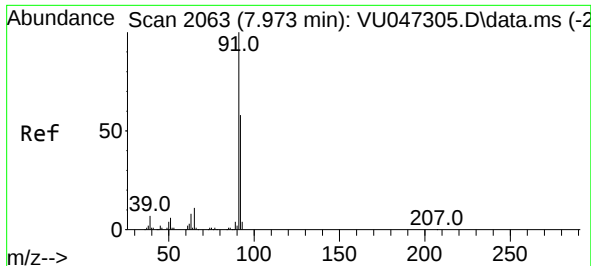
Ion Ratio Lower Upper

43 100

58 43.3 33.1 49.7

100 18.1 13.2 19.8





#42

Toluene

Concen: 5.212 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU047308.D

Acq: 03 Mar 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

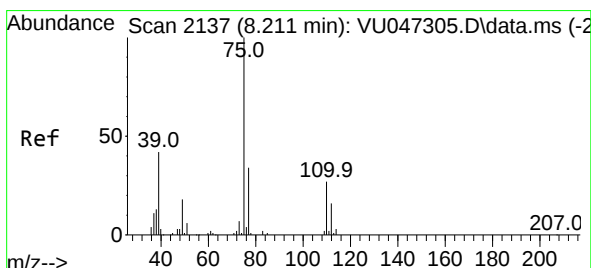
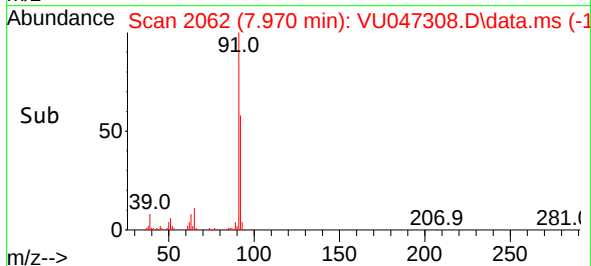
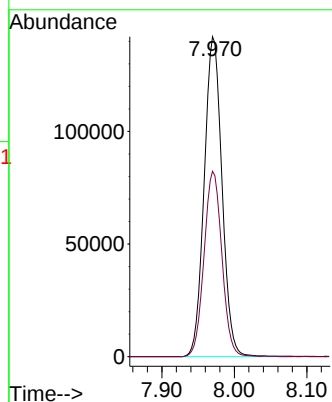
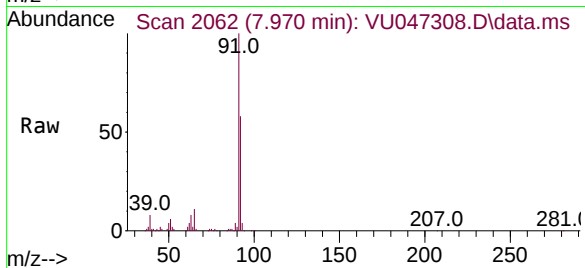
H0AB1MS

Tgt Ion: 91 Resp: 242581

Ion Ratio Lower Upper

91 100

92 58.0 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.077 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU047308.D

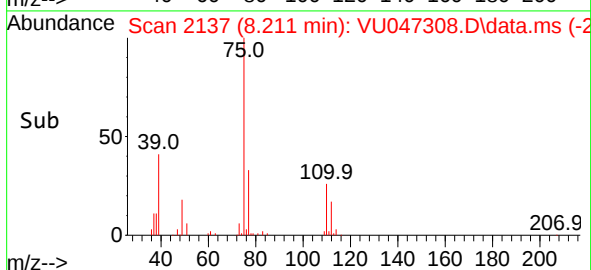
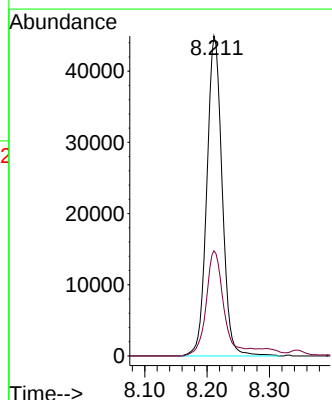
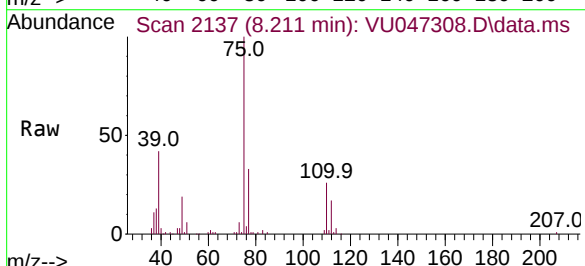
Acq: 03 Mar 2022 11:26

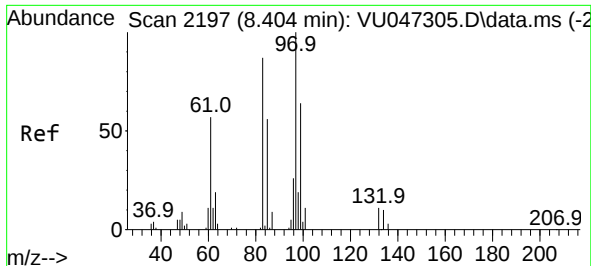
Tgt Ion: 75 Resp: 76882

Ion Ratio Lower Upper

75 100

77 32.9 22.7 42.3

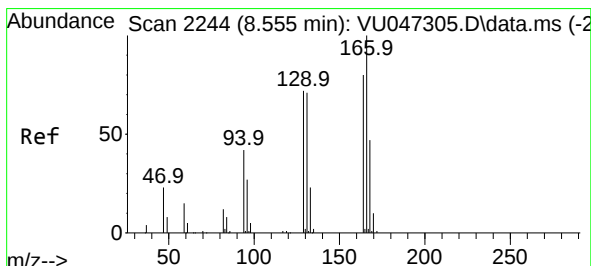
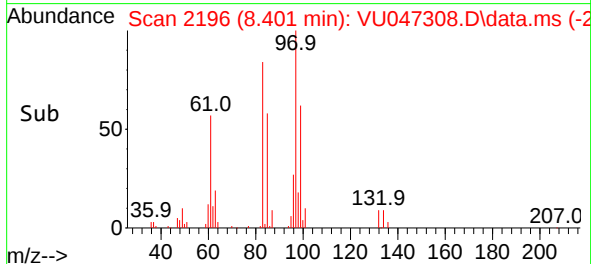
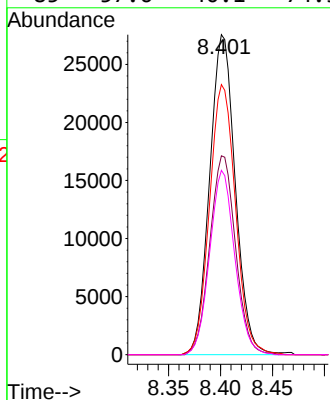
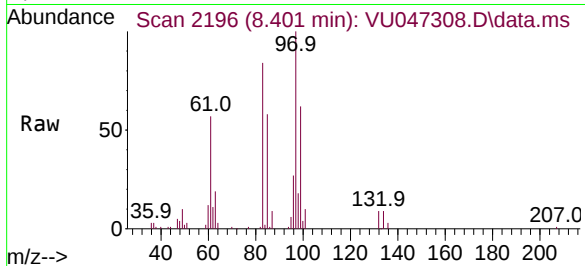




#45
1,1,2-Trichloroethane
Concen: 5.634 ug/L
RT: 8.401 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VU047308.D
Acq: 03 Mar 2022 11:26

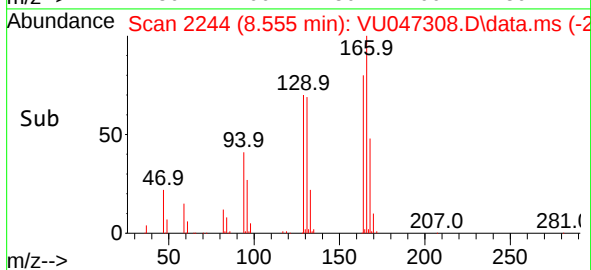
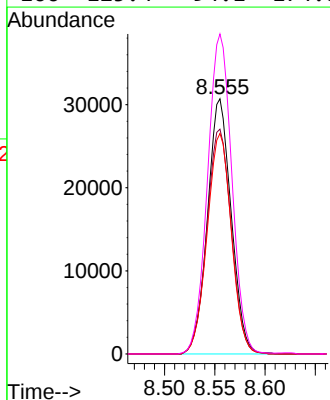
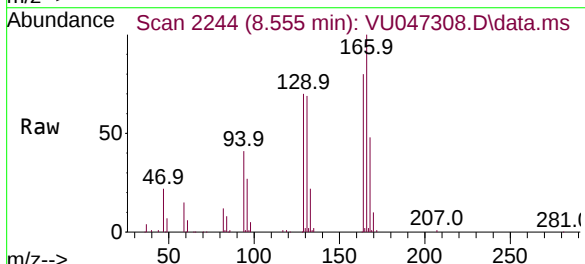
Instrument :
MSVOA_U
ClientSampleId :
H0AB1MS

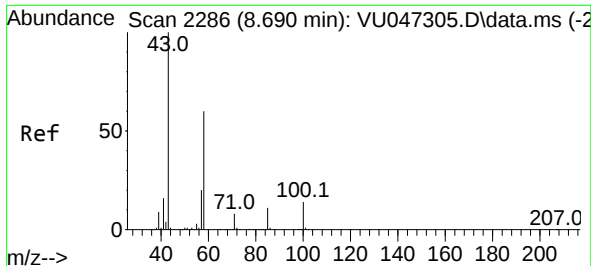
Tgt Ion:	97	Resp:	47284
Ion	Ratio	Lower	Upper
97	100		
99	62.1	42.3	78.5
83	84.4	62.0	115.2
85	57.6	40.1	74.5



#47
Tetrachloroethene
Concen: 5.581 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047308.D
Acq: 03 Mar 2022 11:26

Tgt Ion:	164	Resp:	50513
Ion	Ratio	Lower	Upper
164	100		
129	88.1	71.8	133.4
131	86.4	68.5	127.3
166	125.4	94.1	174.8



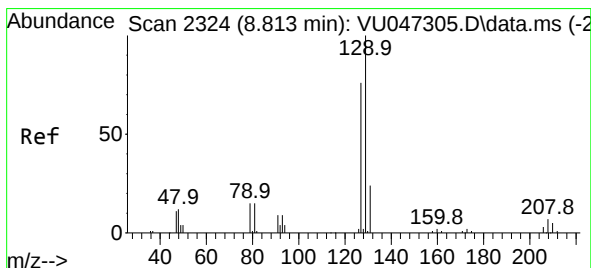
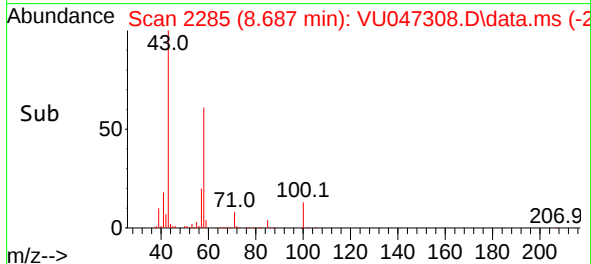
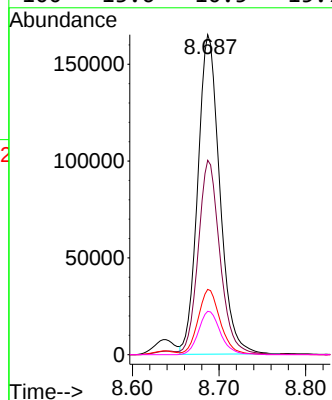
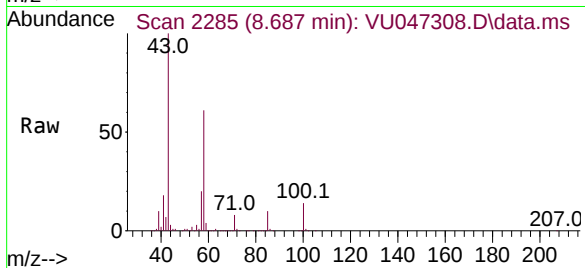


#48
2-Hexanone
Concen: 50.670 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047308.D
Acq: 03 Mar 2022 11:26

Instrument :
MSVOA_U
ClientSampleId :
H0AB1MS

Tgt Ion: 43 Resp: 290557

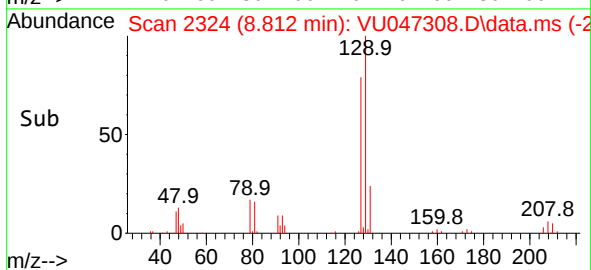
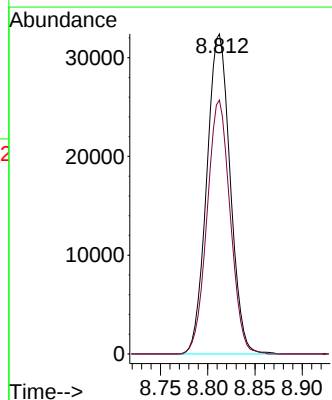
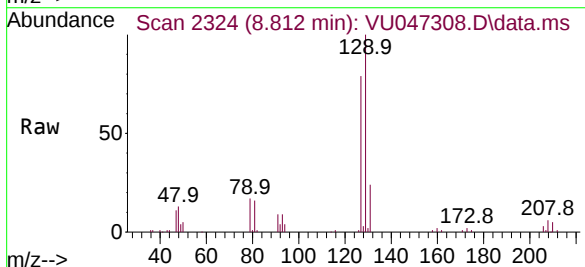
Ion	Ratio	Lower	Upper
43	100		
58	60.0	46.7	70.1
57	20.6	16.3	24.5
100	13.6	10.5	15.7

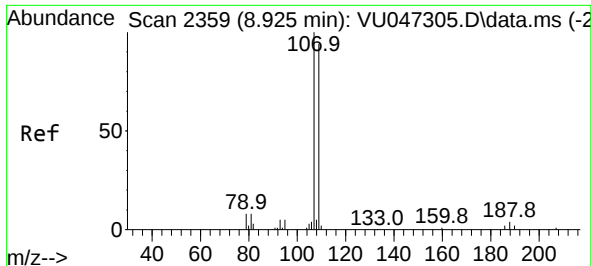


#49
Dibromochloromethane
Concen: 5.531 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047308.D
Acq: 03 Mar 2022 11:26

Tgt Ion: 129 Resp: 55923

Ion	Ratio	Lower	Upper
129	100		
127	79.4	55.4	102.8





#50

1,2-Dibromoethane

Concen: 5.579 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047308.D

Acq: 03 Mar 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

H0AB1MS

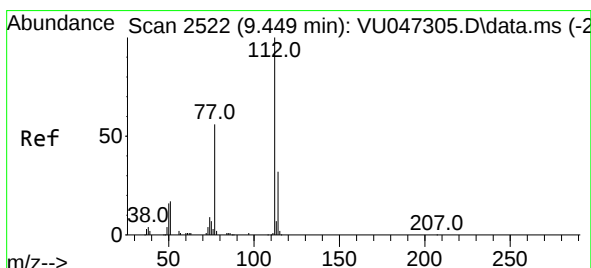
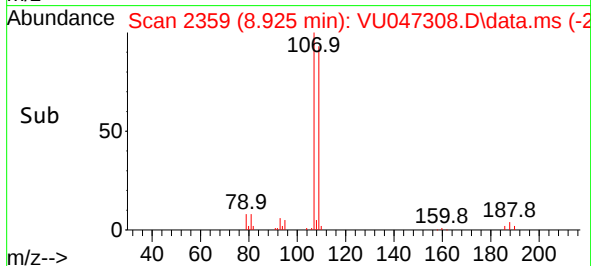
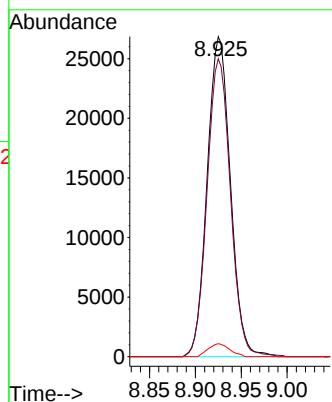
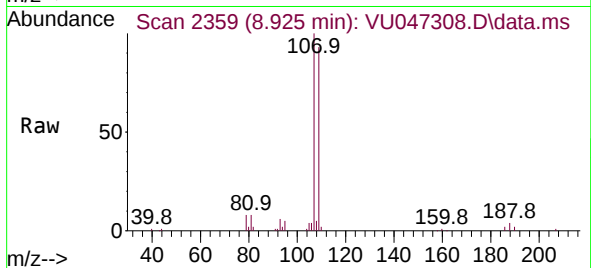
Tgt Ion:107 Resp: 47227

Ion Ratio Lower Upper

107 100

109 93.1 64.0 119.0

188 4.0 2.4 3.6#



#51

Chlorobenzene

Concen: 5.423 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU047308.D

Acq: 03 Mar 2022 11:26

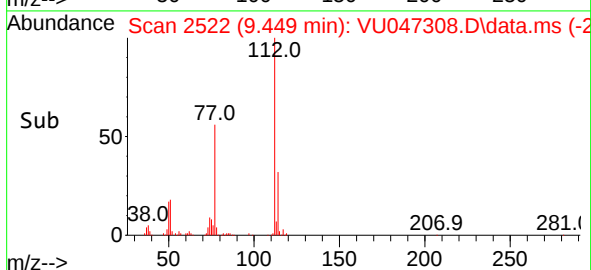
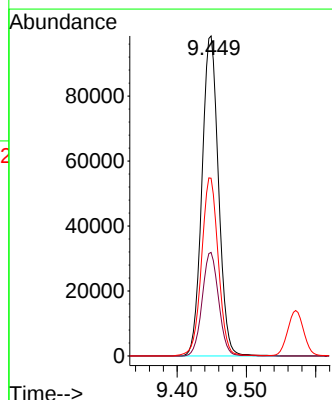
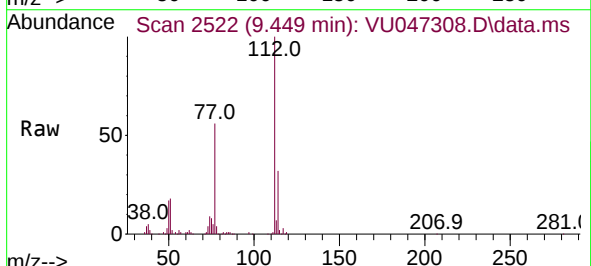
Tgt Ion:112 Resp: 162955

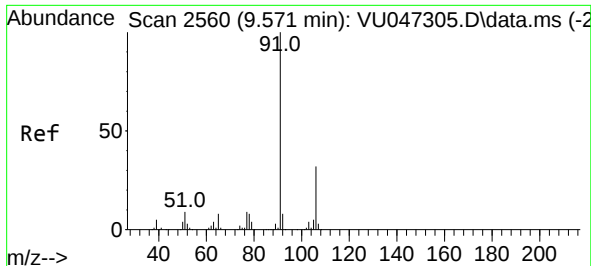
Ion Ratio Lower Upper

112 100

114 32.3 22.1 41.1

77 55.6 48.3 72.5

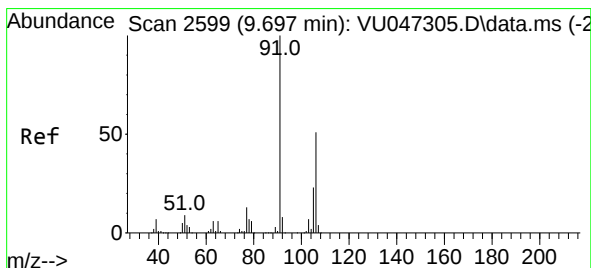
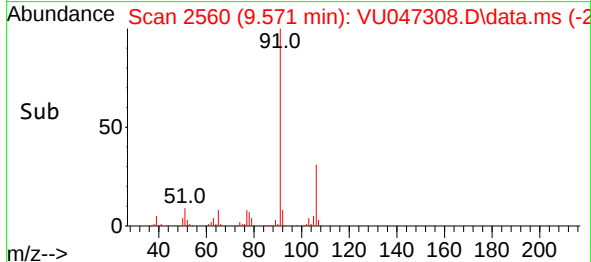
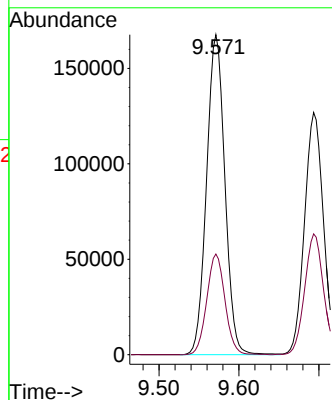
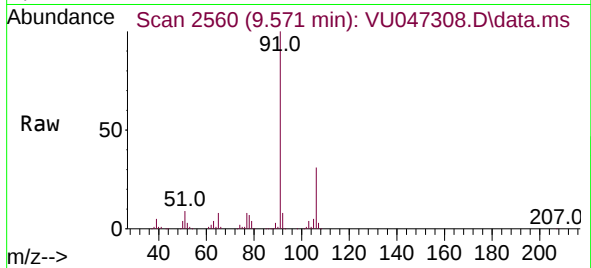




#52
Ethylbenzene
Concen: 5.247 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047308.D
Acq: 03 Mar 2022 11:26

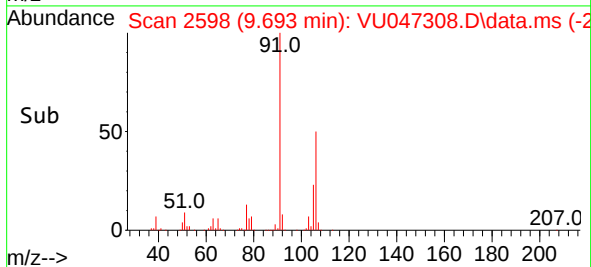
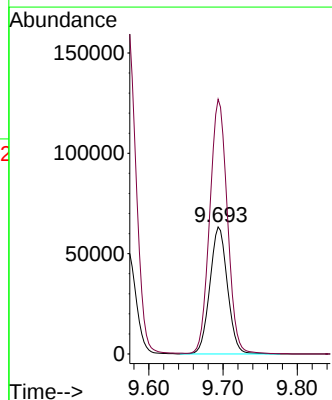
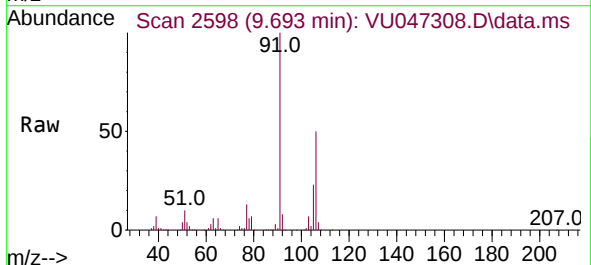
Instrument :
MSVOA_U
ClientSampleId :
H0AB1MS

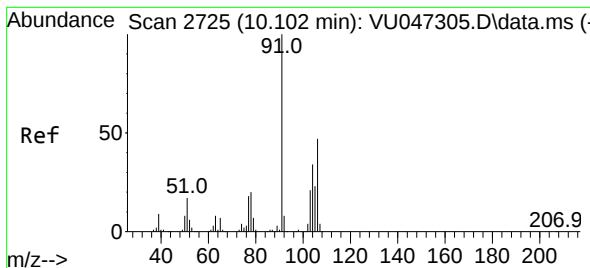
Tgt Ion: 91 Resp: 267645
Ion Ratio Lower Upper
91 100
106 31.5 21.5 39.9



#53
m,p-Xylene
Concen: 5.189 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU047308.D
Acq: 03 Mar 2022 11:26

Tgt Ion:106 Resp: 103911
Ion Ratio Lower Upper
106 100
91 200.6 139.4 259.0





#54

o-Xylene

Concen: 5.240 ug/L

RT: 10.102 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047308.D

Acq: 03 Mar 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

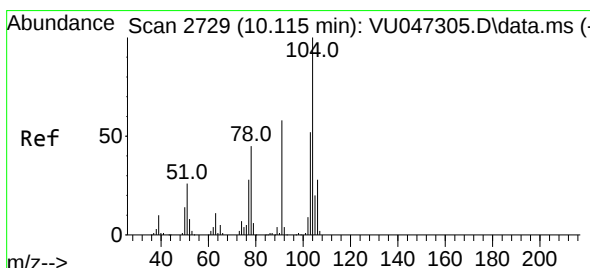
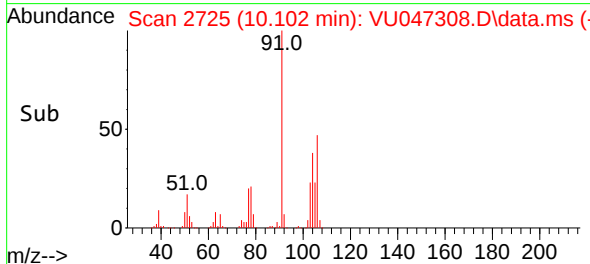
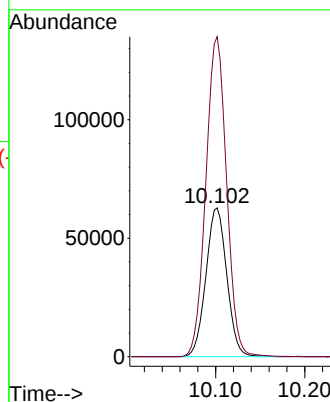
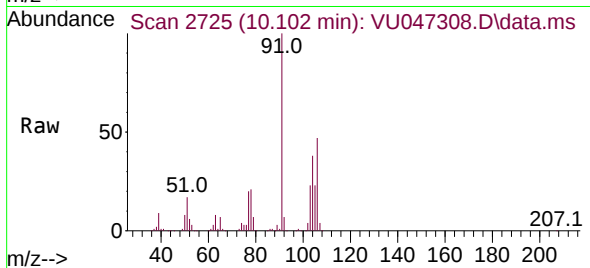
H0AB1MS

Tgt Ion:106 Resp: 102205

Ion Ratio Lower Upper

106 100

91 214.9 147.5 273.9



#55

Styrene

Concen: 5.298 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU047308.D

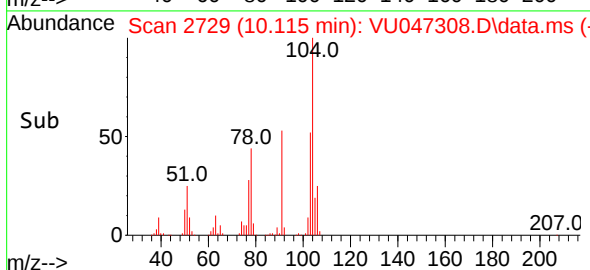
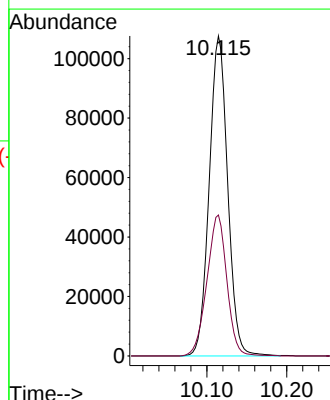
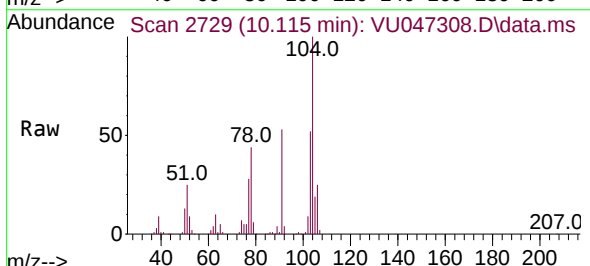
Acq: 03 Mar 2022 11:26

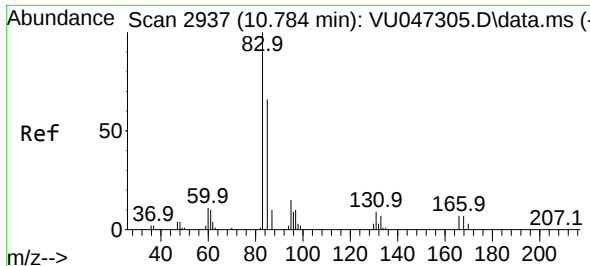
Tgt Ion:104 Resp: 172851

Ion Ratio Lower Upper

104 100

78 44.1 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.820 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU047308.D

Acq: 03 Mar 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

H0AB1MS

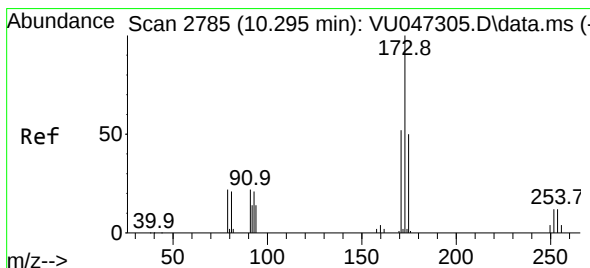
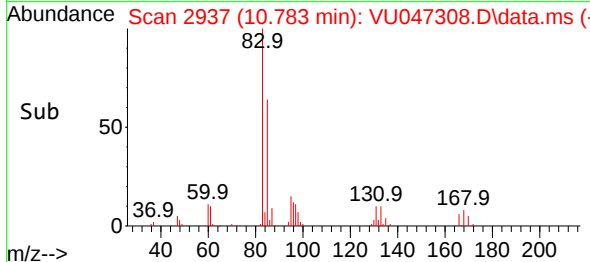
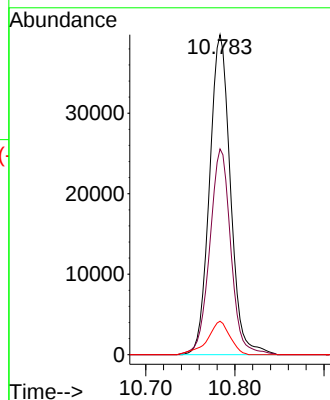
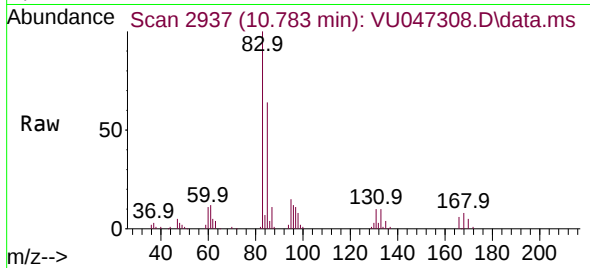
Tgt Ion: 83 Resp: 64651

Ion Ratio Lower Upper

83 100

85 64.3 47.9 89.1

131 10.5 8.1 12.1



#59

Bromoform

Concen: 5.239 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.003 min

Lab File: VU047308.D

Acq: 03 Mar 2022 11:26

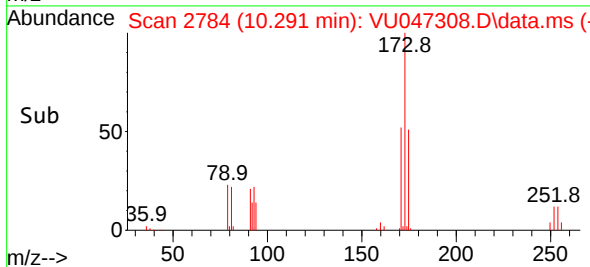
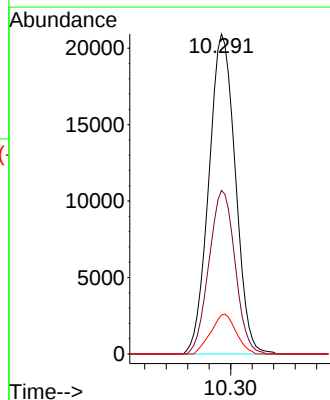
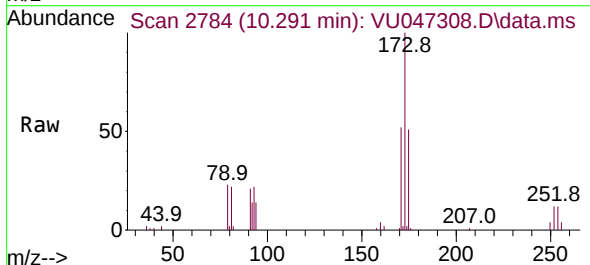
Tgt Ion:173 Resp: 35775

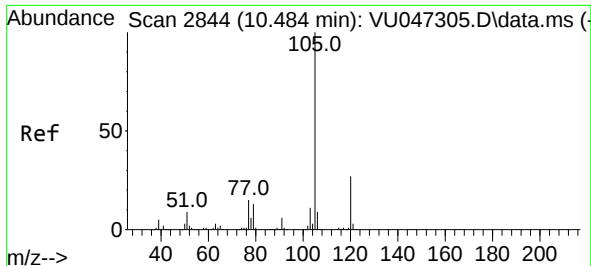
Ion Ratio Lower Upper

173 100

175 50.3 37.8 56.6

254 11.8 7.3 10.9#

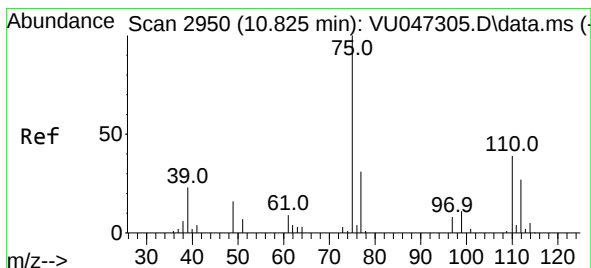
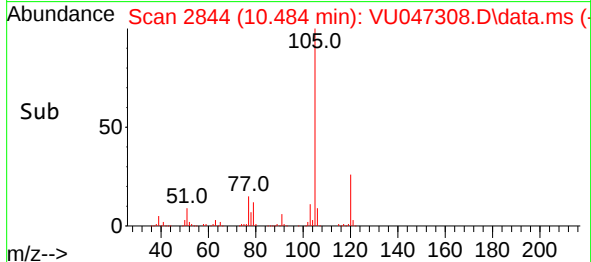
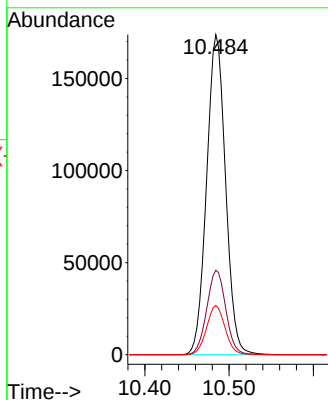
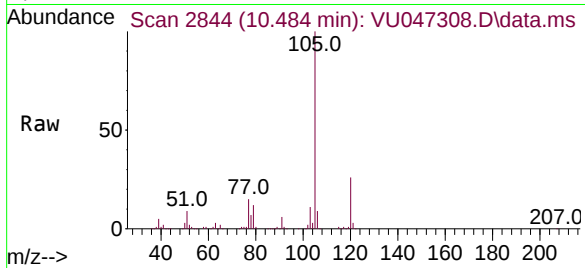




#60
Isopropylbenzene
Concen: 4.943 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU047308.D
Acq: 03 Mar 2022 11:26

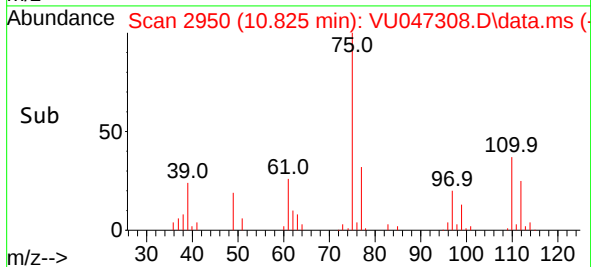
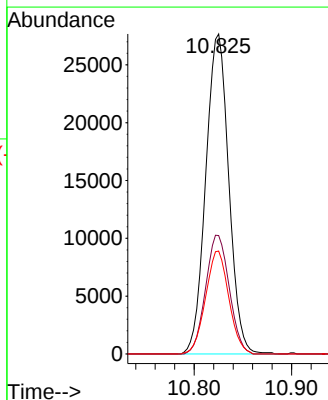
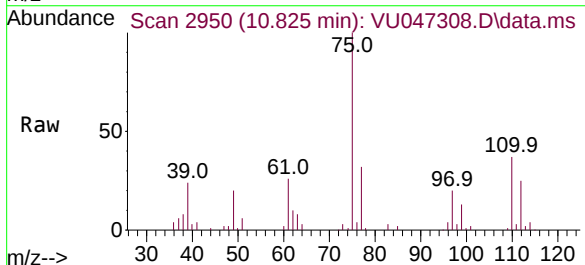
Instrument :
MSVOA_U
ClientSampleId :
H0AB1MS

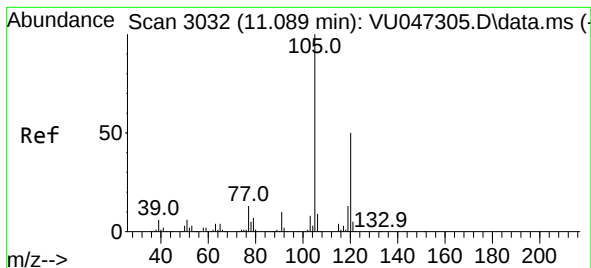
Tgt Ion:105 Resp: 271940
Ion Ratio Lower Upper
105 100
120 26.5 20.7 31.1
77 15.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.072 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU047308.D
Acq: 03 Mar 2022 11:26

Tgt Ion: 75 Resp: 45414
Ion Ratio Lower Upper
75 100
110 38.0 29.9 44.9
77 32.5 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 4.906 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU047308.D

Acq: 03 Mar 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

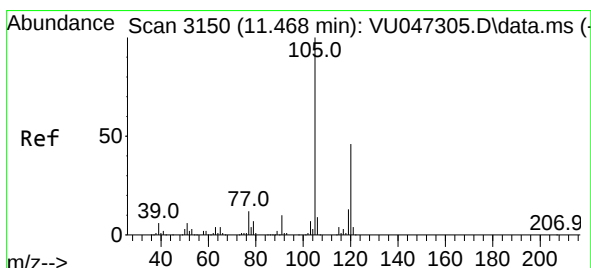
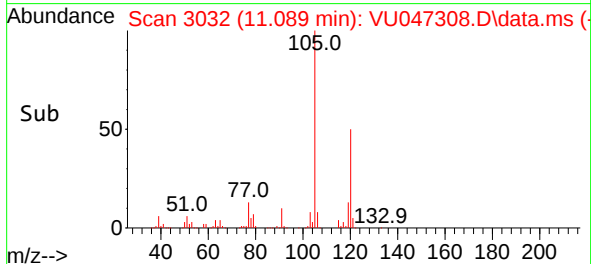
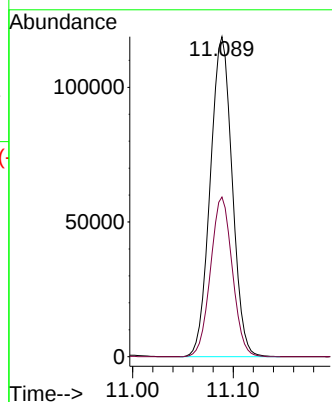
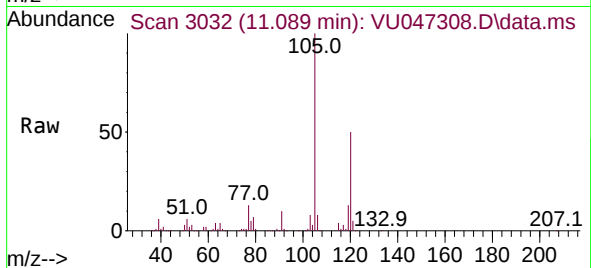
H0AB1MS

Tgt Ion:105 Resp: 180217

Ion Ratio Lower Upper

105 100

120 49.5 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 4.923 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU047308.D

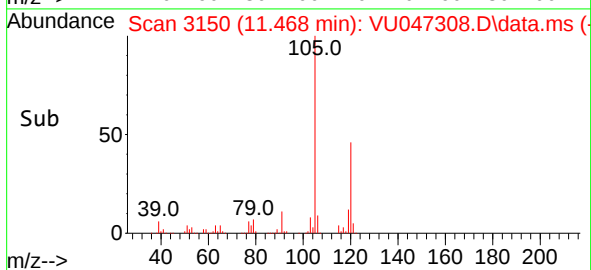
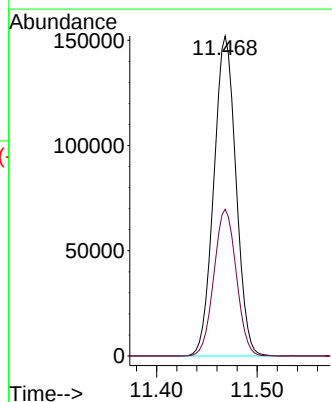
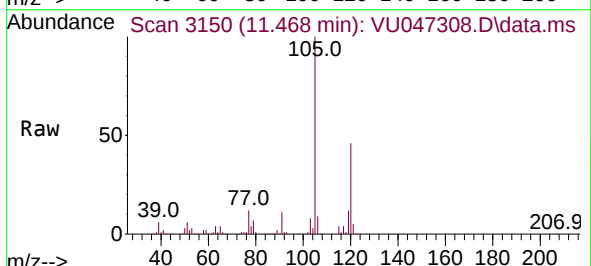
Acq: 03 Mar 2022 11:26

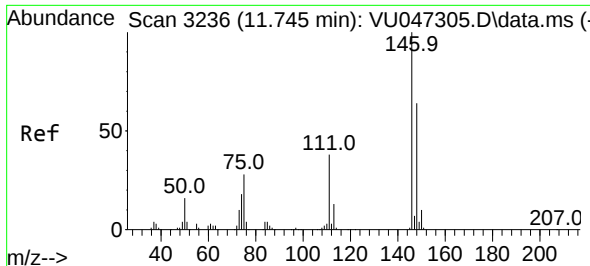
Tgt Ion:105 Resp: 232837

Ion Ratio Lower Upper

105 100

120 46.4 35.8 53.8

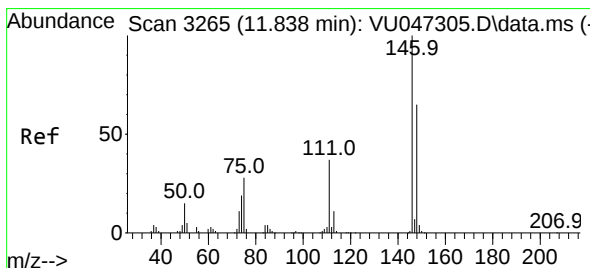
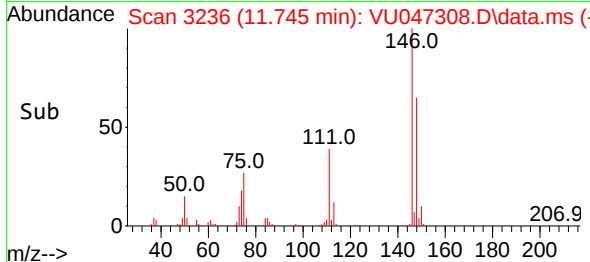
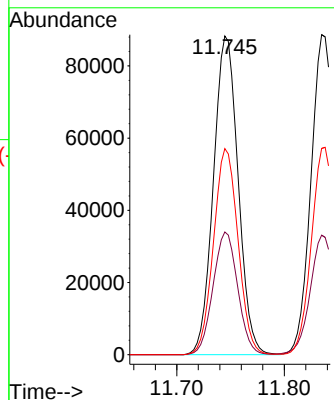
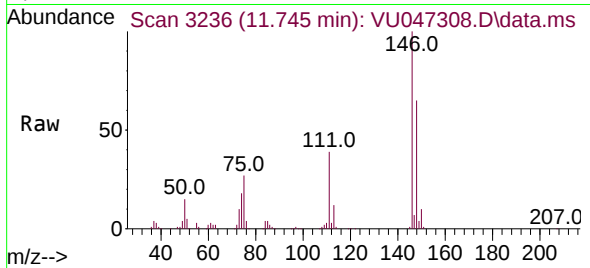




#64
1,3-Dichlorobenzene
Concen: 5.305 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047308.D
Acq: 03 Mar 2022 11:26

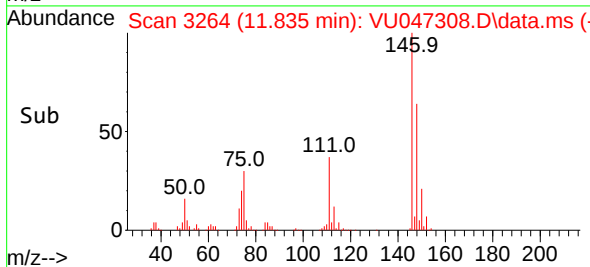
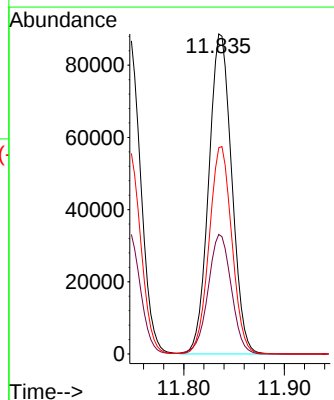
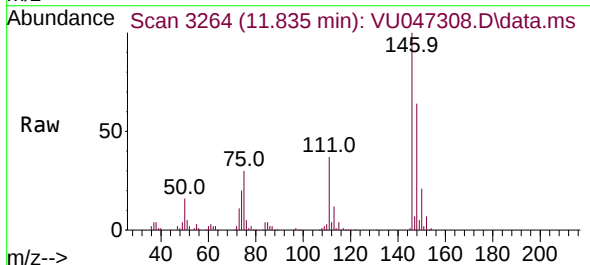
Instrument :
MSVOA_U
ClientSampleId :
H0AB1MS

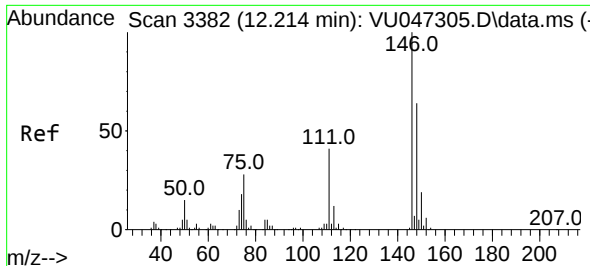
Tgt Ion:146 Resp: 140756
Ion Ratio Lower Upper
146 100
111 38.5 29.9 55.5
148 64.6 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.251 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU047308.D
Acq: 03 Mar 2022 11:26

Tgt Ion:146 Resp: 140967
Ion Ratio Lower Upper
146 100
111 37.4 28.7 53.3
148 64.4 45.8 85.0

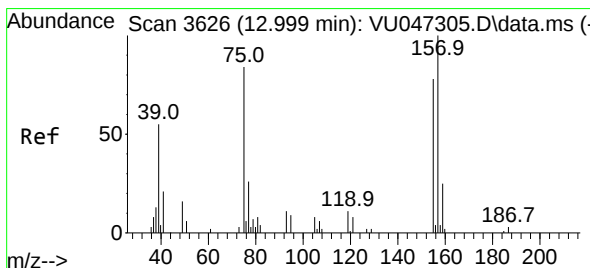
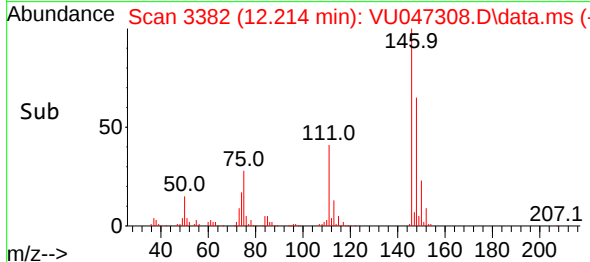
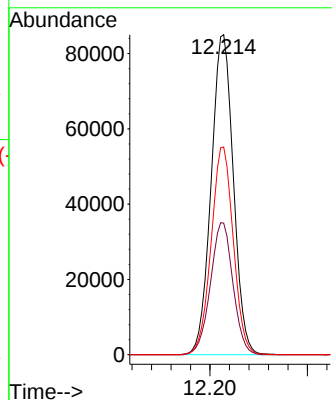
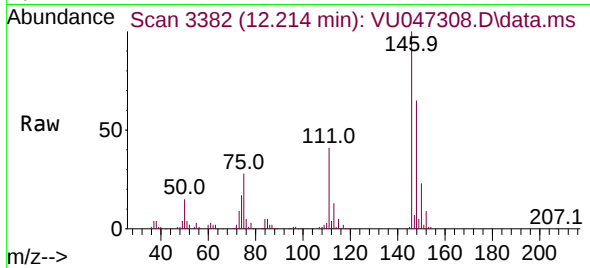




#67
1,2-Dichlorobenzene
Concen: 5.313 ug/L
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU047308.D
Acq: 03 Mar 2022 11:26

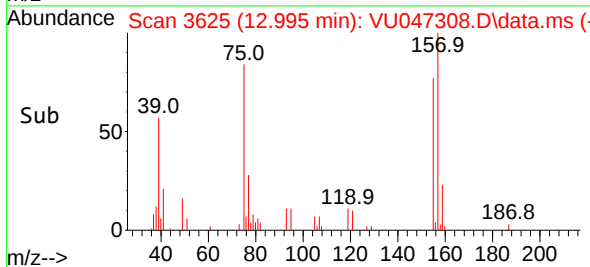
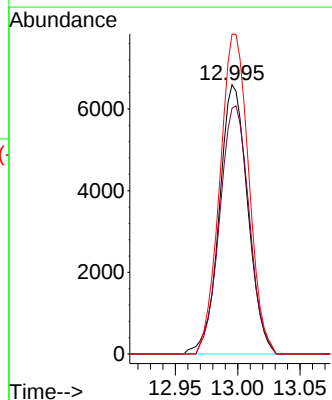
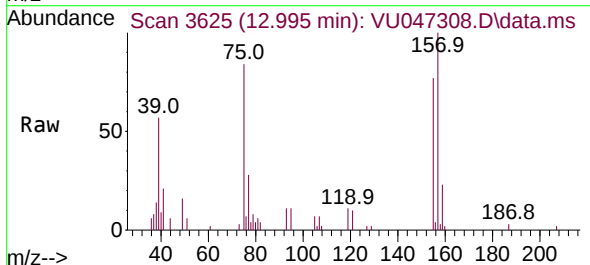
Instrument :
MSVOA_U
ClientSampleId :
H0AB1MS

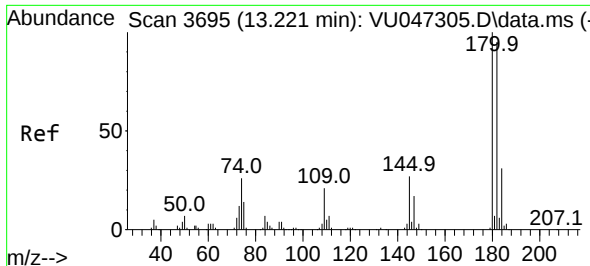
Tgt Ion:146 Resp: 134287
Ion Ratio Lower Upper
146 100
111 41.1 35.4 53.0
148 64.9 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.058 ug/L
RT: 12.995 min Scan# 3625
Delta R.T. -0.003 min
Lab File: VU047308.D
Acq: 03 Mar 2022 11:26

Tgt Ion: 75 Resp: 10462
Ion Ratio Lower Upper
75 100
155 91.3 59.2 88.8#
157 118.9 76.5 114.7#



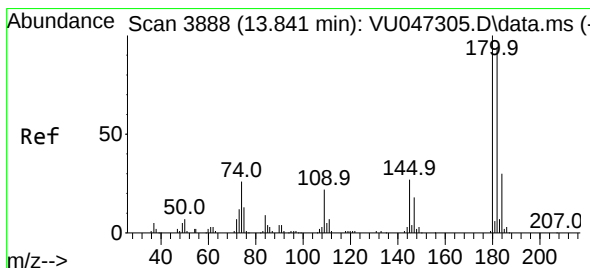
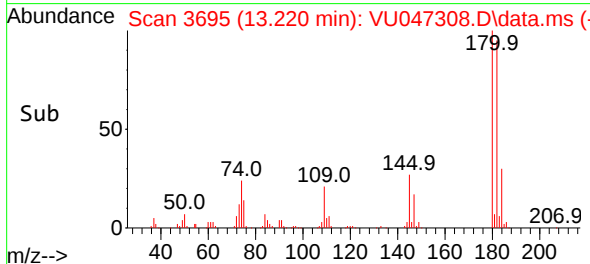
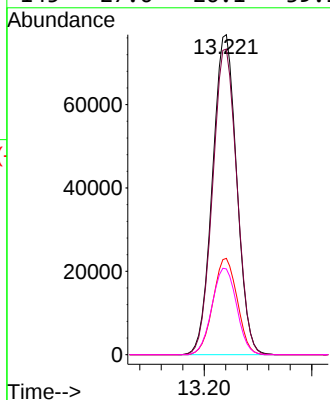
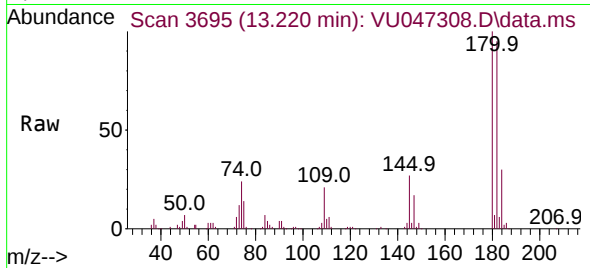


#69
 1,3,5-Trichlorobenzene
 Concen: 5.465 ug/L
 RT: 13.220 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU047308.D
 Acq: 03 Mar 2022 11:26

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB1MS

Tgt Ion:180 Resp: 119807

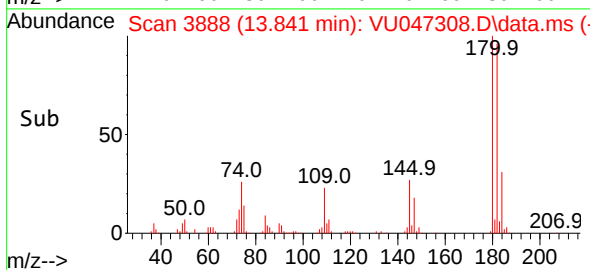
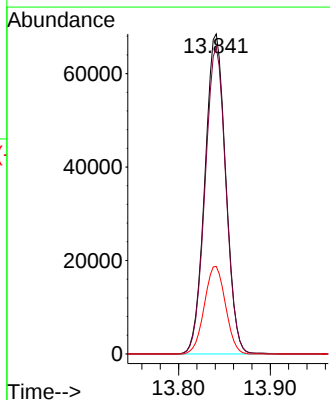
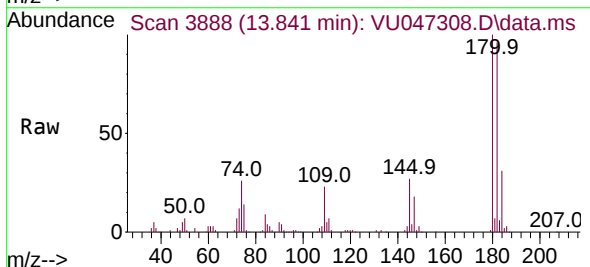
Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.1	114.1
184	30.1	25.0	37.4
145	27.6	26.1	39.1

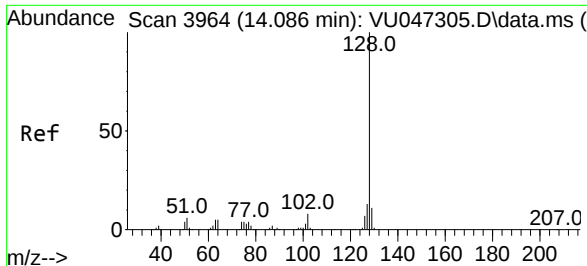


#70
 1,2,4-trichlorobenzene
 Concen: 5.298 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047308.D
 Acq: 03 Mar 2022 11:26

Tgt Ion:180 Resp: 108121

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.4	114.6
145	27.7	25.6	38.4

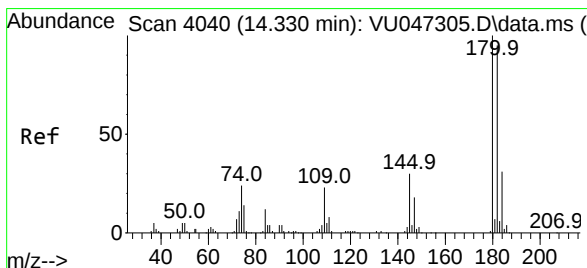
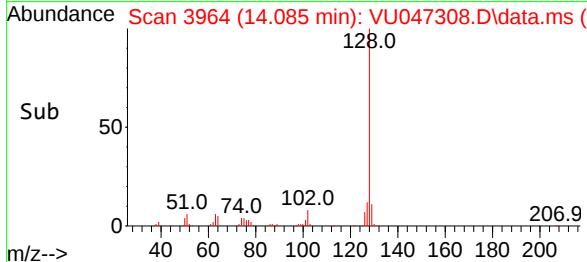
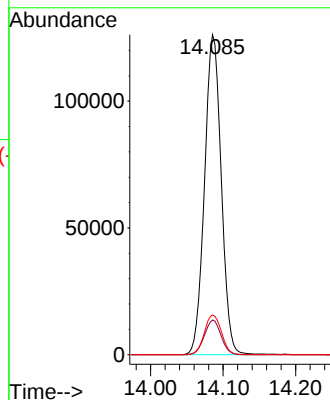
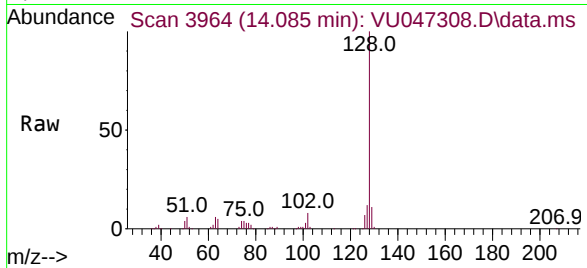




#71
Naphthalene
Concen: 4.797 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU047308.D
Acq: 03 Mar 2022 11:26

Instrument :
MSVOA_U
ClientSampleId :
H0AB1MS

Tgt Ion:128 Resp: 202031
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 12.7 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.151 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047308.D
Acq: 03 Mar 2022 11:26

Tgt Ion:180 Resp: 98879
Ion Ratio Lower Upper
180 100
182 95.3 76.2 114.4
145 30.2 28.4 42.6

