

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
 Data File : VU047309.D
 Acq On : 03 Mar 2022 11:50
 Operator : SY/MD
 Sample : N1745-13MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB1MSD

Quant Time: Mar 04 01:54:11 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	144624	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	147163	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	93751	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	47033	3.851	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.919	69	38367	3.963	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.571	65	20984	4.154	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	4.652	46	151196	51.789	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.580%
24) Chloroform-d	5.070	84	91864	4.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.706	65	48275	4.279	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.732	84	177748	4.323	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.694	67	56668	4.331	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.899	98	169291	4.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	8.179	79	24658	4.157	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.636	63	134084	42.935	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.880%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	56068	4.715	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	74816	4.448	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	60768	4.969	ug/L	99
3) Chloromethane	1.527	50	64265	4.845	ug/L	99
5) Vinyl chloride	1.607	62	64073	4.782	ug/L	100
6) Bromomethane	1.864	94	29709	3.772	ug/L	100
8) Chloroethane	1.941	64	39012	5.048	ug/L	99
9) Trichlorofluoromethane	2.144	101	88433	5.415	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	54361	5.518	ug/L	93
12) 1,1-Dichloroethene	2.584	96	50239	5.279	ug/L	81
13) Acetone	2.678	43	101723	69.599	ug/L	96
14) Carbon disulfide	2.800	76	144256	4.544	ug/L	99
15) Methyl Acetate	2.967	43	24420	5.398	ug/L	97
16) Methylene chloride	3.054	84	56537	5.333	ug/L	91
17) Methyl tert-butyl Ether	3.369	73	138834	5.338	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	53917	5.242	ug/L	93
19) 1,1-Dichloroethane	3.877	63	94809	5.273	ug/L	99
21) 2-Butanone	4.732	43	172867	62.980	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	61569	5.500	ug/L	96
23) Bromochloromethane	4.980	128	29954	5.708	ug/L	# 85
25) Chloroform	5.092	83	101788	5.407	ug/L	95

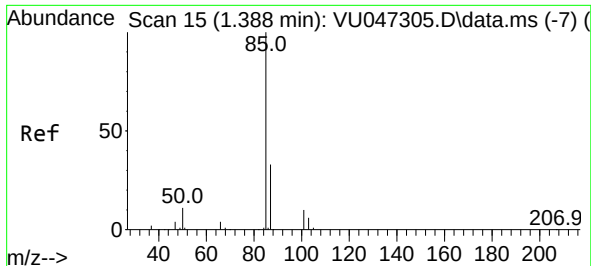
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 01:50:04 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	66571	5.290	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	87749	5.506	ug/L	99
30) Cyclohexane	5.391	56	84298	4.847	ug/L	98
31) Carbon tetrachloride	5.530	117	76810	5.536	ug/L	99
33) Benzene	5.777	78	224081	5.359	ug/L	100
34) Trichloroethene	6.542	95	60135	5.392	ug/L	95
35) Methylcyclohexane	6.764	83	96120	5.107	ug/L	94
37) 1,2-Dichloropropane	6.793	63	57389	5.309	ug/L	99
38) Bromodichloromethane	7.108	83	75449	5.464	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	86416	5.141	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	405919	52.630	ug/L	97
42) Toluene	7.970	91	248477	5.338	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	78170	5.162	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	47915	5.709	ug/L	98
47) Tetrachloroethene	8.555	164	51661	5.708	ug/L	90
48) 2-Hexanone	8.687	43	300208	52.353	ug/L	98
49) Dibromochloromethane	8.812	129	57718	5.708	ug/L	99
50) 1,2-Dibromoethane	8.925	107	48984	5.786	ug/L #	96
51) Chlorobenzene	9.449	112	164503	5.475	ug/L	97
52) Ethylbenzene	9.571	91	270233	5.298	ug/L	98
53) m,p-Xylene	9.693	106	107116	5.349	ug/L	99
54) o-Xylene	10.102	106	104085	5.337	ug/L	99
55) Styrene	10.115	104	176439	5.408	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.783	83	64682	5.823	ug/L	97
59) Bromoform	10.291	173	36222	5.305	ug/L #	96
60) Isopropylbenzene	10.484	105	274856	4.997	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	45957	5.133	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	181187	4.933	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	239883	5.073	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	144128	5.433	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	144821	5.395	ug/L	96
67) 1,2-Dichlorobenzene	12.211	146	139894	5.536	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	10302	4.982	ug/L #	69
69) 1,3,5-Trichlorobenzene	13.221	180	123982	5.656	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	110616	5.421	ug/L	97
71) Naphthalene	14.086	128	209675	4.979	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	103840	5.411	ug/L	96

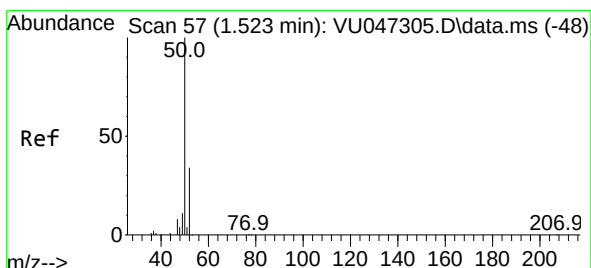
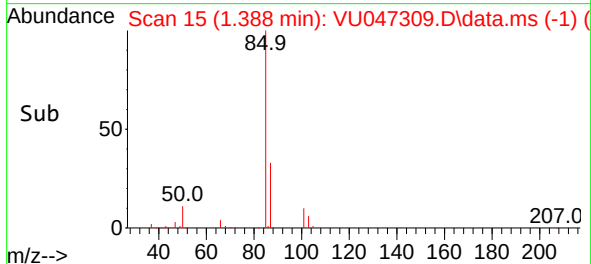
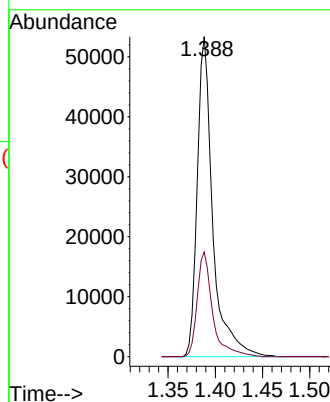
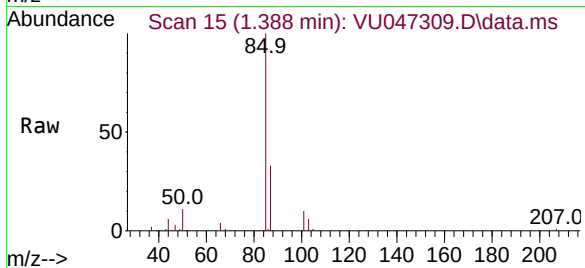
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#2
Dichlorodifluoromethane
Concen: 4.969 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047309.D
Acq: 03 Mar 2022 11:50

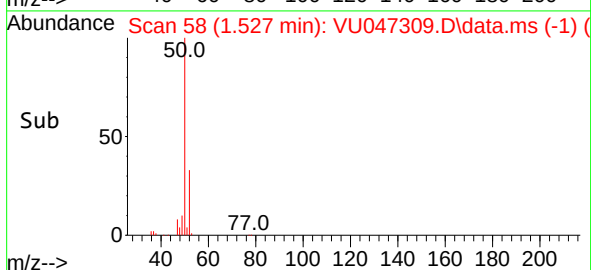
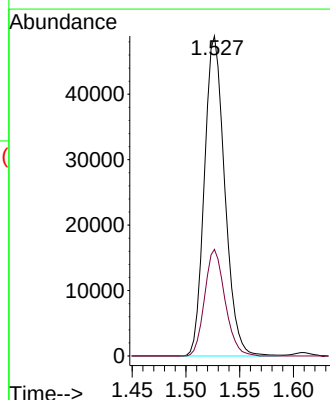
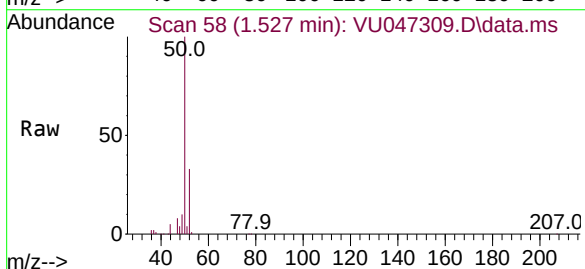
Instrument :
MSVOA_U
ClientSampleId :
H0AB1MSD

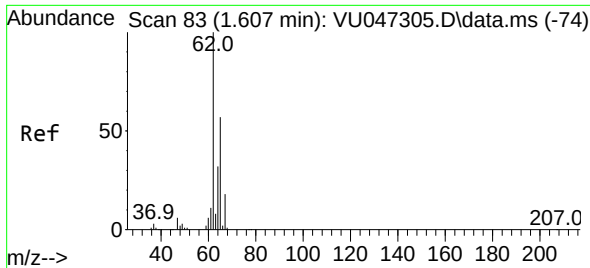
Tgt Ion: 85 Resp: 60768
Ion Ratio Lower Upper
85 100
87 32.6 25.8 38.6



#3
Chloromethane
Concen: 4.845 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU047309.D
Acq: 03 Mar 2022 11:50

Tgt Ion: 50 Resp: 64265
Ion Ratio Lower Upper
50 100
52 33.3 23.0 42.8

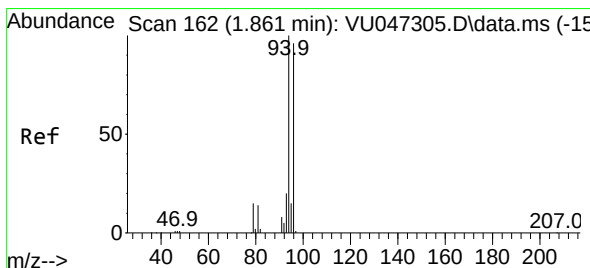
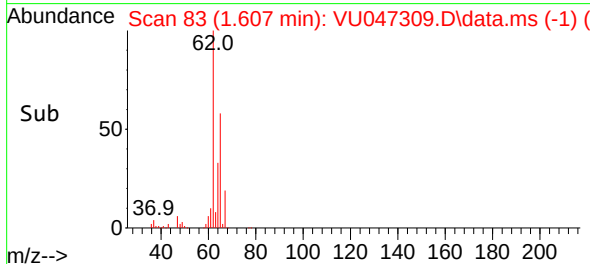
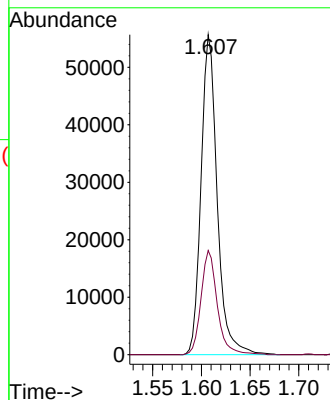
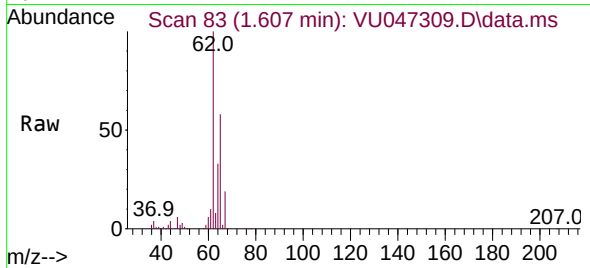




#5
 Vinyl chloride
 Concen: 4.782 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047309.D
 Acq: 03 Mar 2022 11:50

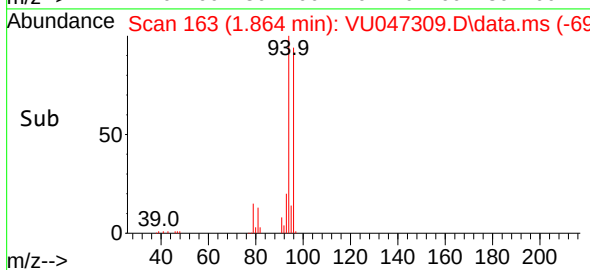
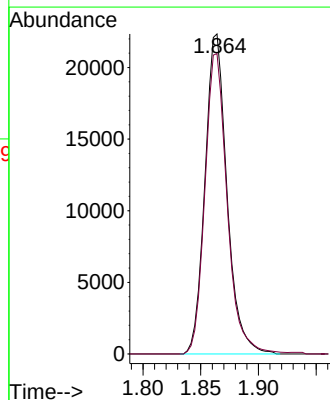
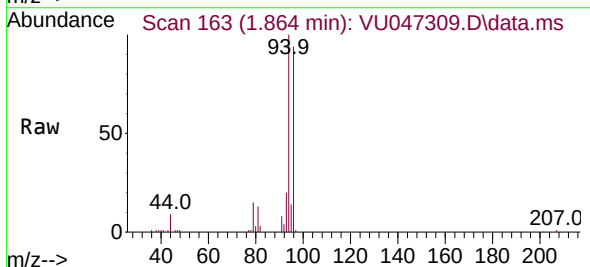
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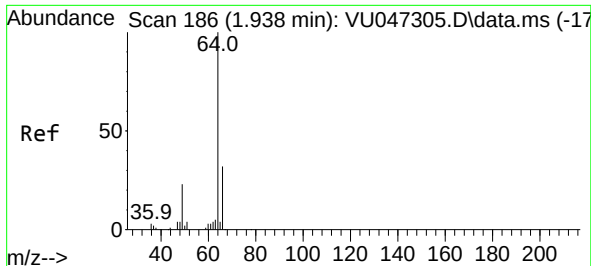
Tgt Ion: 62 Resp: 64073
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.9 42.5



#6
 Bromomethane
 Concen: 3.772 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU047309.D
 Acq: 03 Mar 2022 11:50

Tgt Ion: 94 Resp: 29709
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.5 121.6

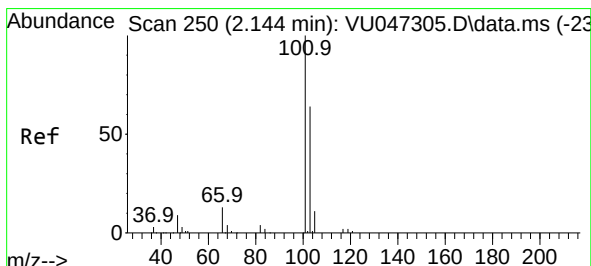
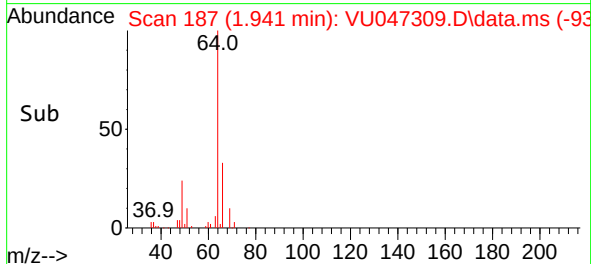
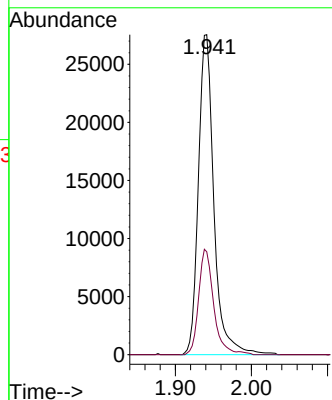
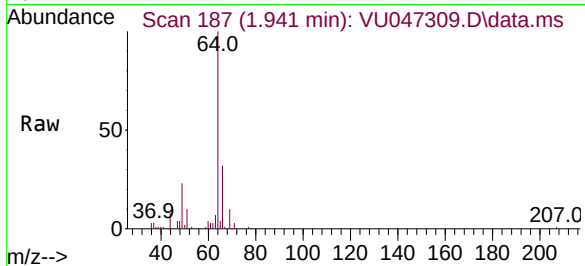




#8
Chloroethane
Concen: 5.048 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU047309.D
Acq: 03 Mar 2022 11:50

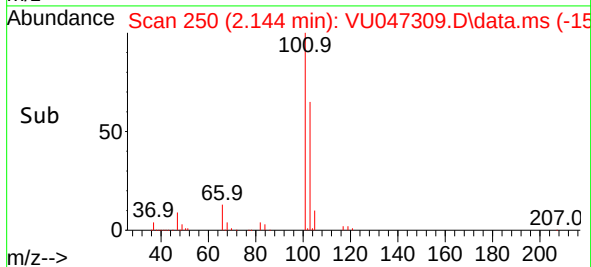
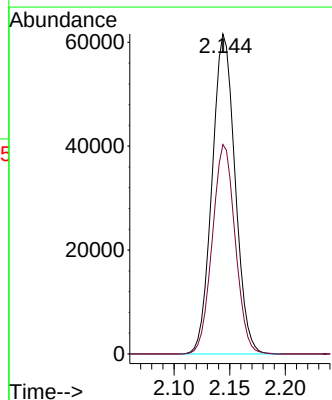
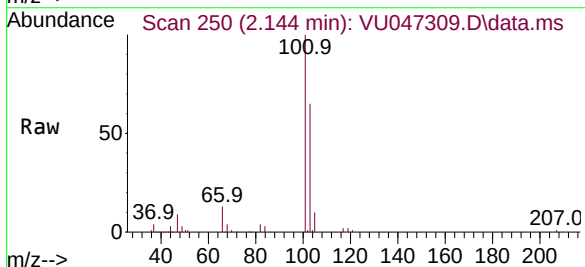
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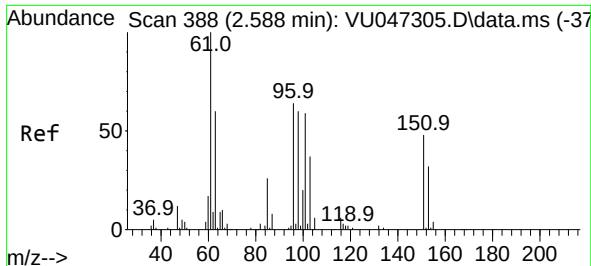
Tgt Ion: 64 Resp: 39012
Ion Ratio Lower Upper
64 100
66 32.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.415 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU047309.D
Acq: 03 Mar 2022 11:50

Tgt Ion:101 Resp: 88433
Ion Ratio Lower Upper
101 100
103 65.2 51.5 77.3

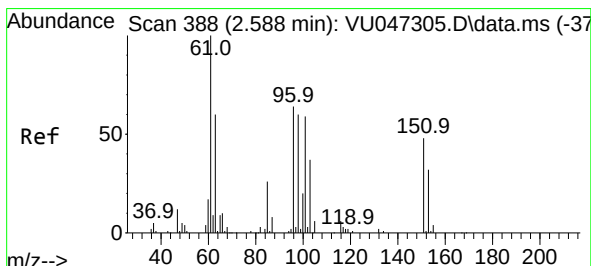
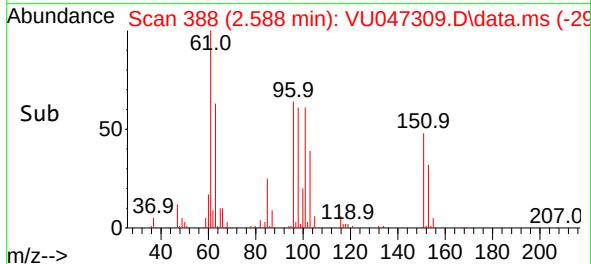
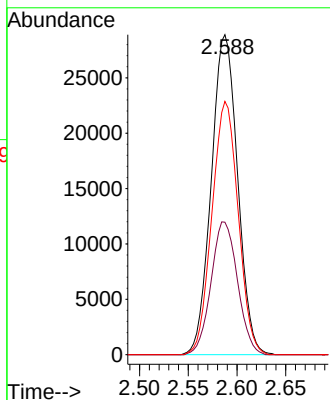
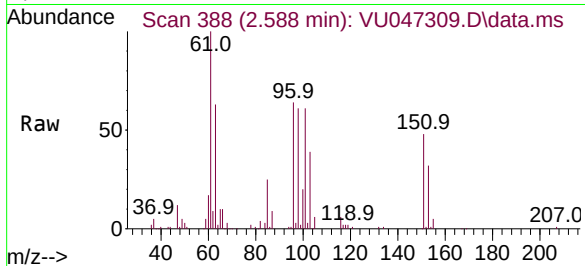




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.518 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047309.D
 Acq: 03 Mar 2022 11:50

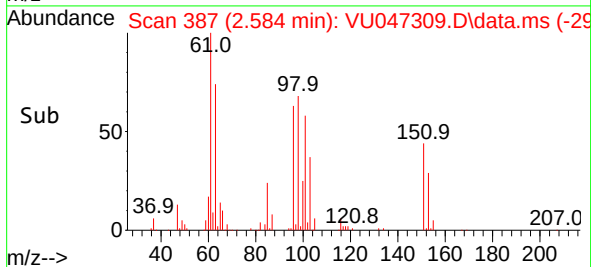
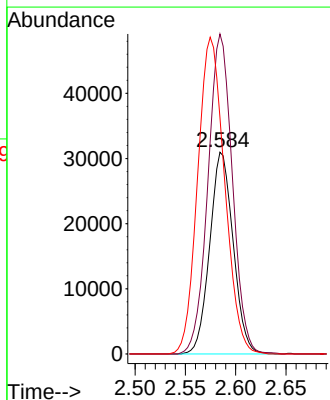
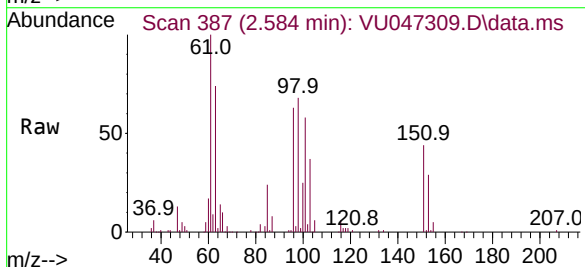
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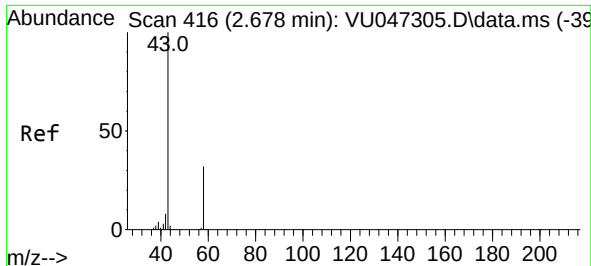
Tgt Ion:101 Resp: 54361
 Ion Ratio Lower Upper
 101 100
 85 41.7 34.6 51.8
 151 78.7 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 5.279 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU047309.D
 Acq: 03 Mar 2022 11:50

Tgt Ion: 96 Resp: 50239
 Ion Ratio Lower Upper
 96 100
 61 158.6 124.7 231.5
 63 117.1 105.2 195.4





#13

Acetone

Concen: 69.599 ug/L

RT: 2.678 min Scan# 416

Delta R.T. -0.000 min

Lab File: VU047309.D

Acq: 03 Mar 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

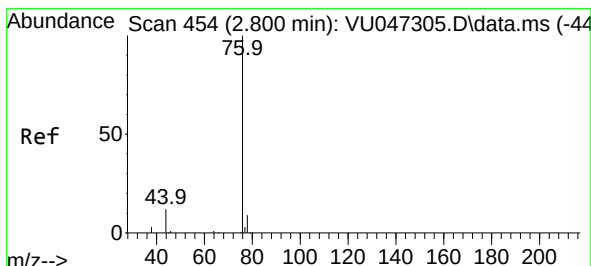
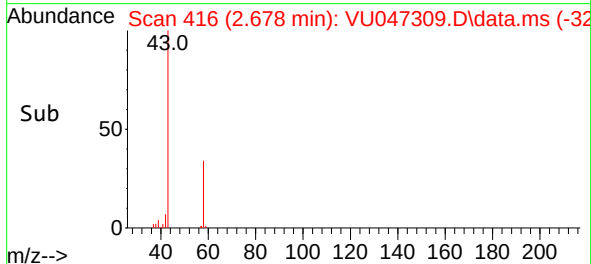
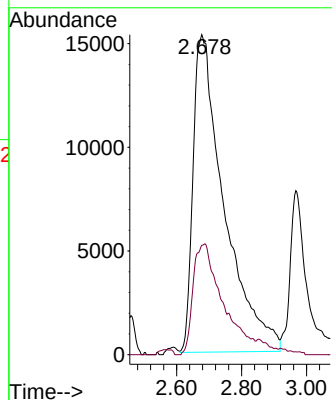
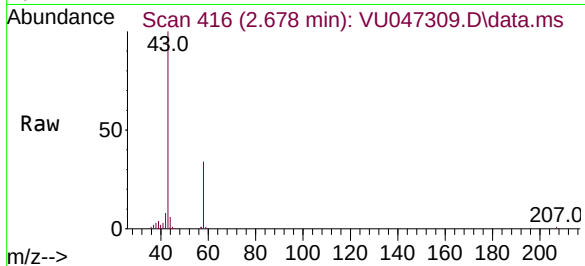
H0AB1MSD

Tgt Ion: 43 Resp: 101723

Ion Ratio Lower Upper

43 100

58 33.4 0.0 71.6



#14

Carbon disulfide

Concen: 4.544 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU047309.D

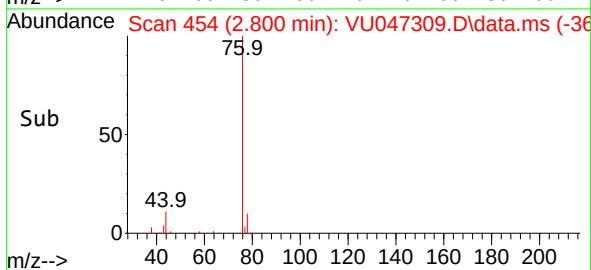
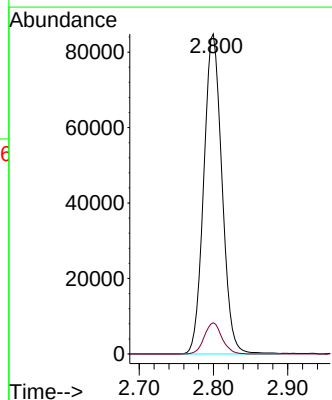
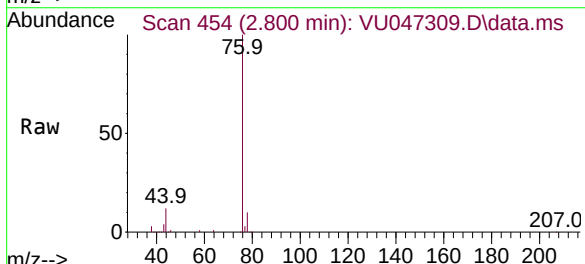
Acq: 03 Mar 2022 11:50

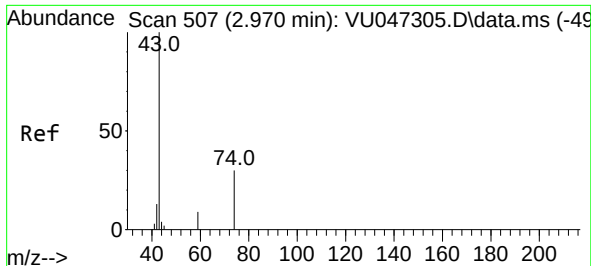
Tgt Ion: 76 Resp: 144256

Ion Ratio Lower Upper

76 100

78 9.8 7.5 11.3

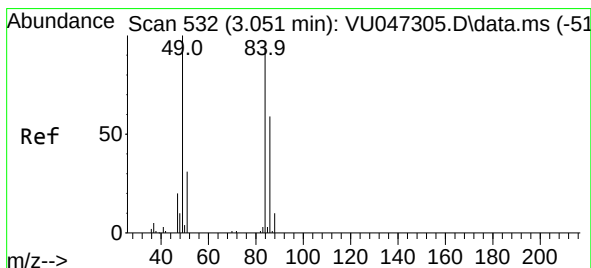
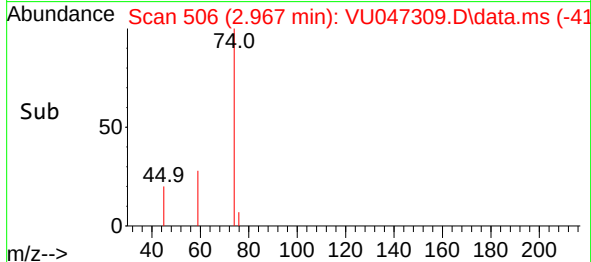
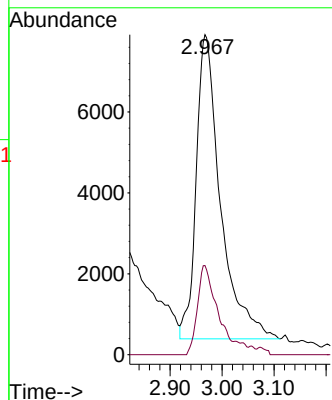
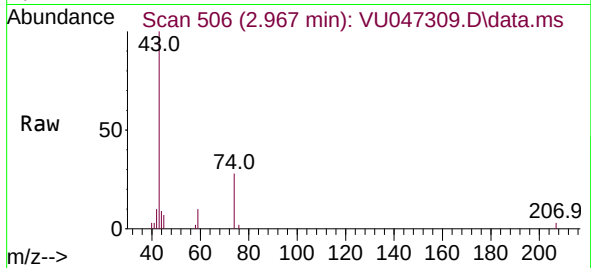




#15
Methyl Acetate
Concen: 5.398 ug/L
RT: 2.967 min Scan# 507
Delta R.T. -0.003 min
Lab File: VU047309.D
Acq: 03 Mar 2022 11:50

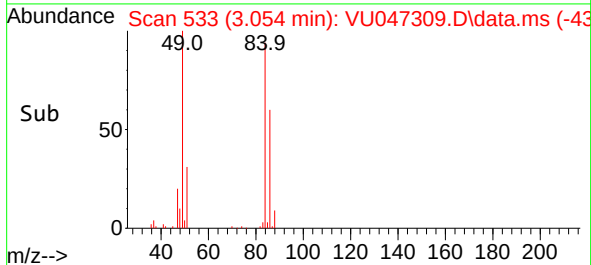
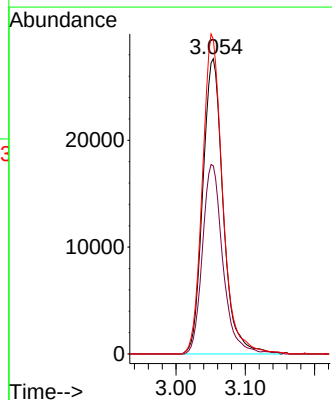
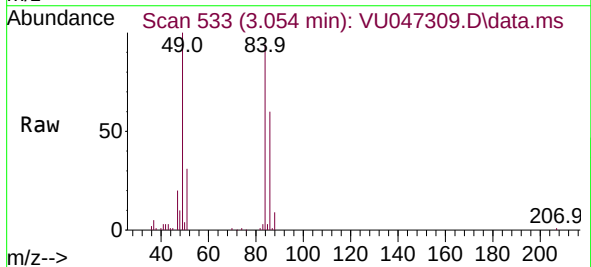
Instrument :
MSVOA_U
ClientSampleId :
H0AB1MSD

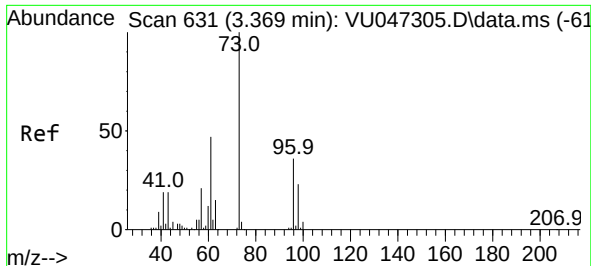
Tgt Ion: 43 Resp: 24420
Ion Ratio Lower Upper
43 100
74 25.4 19.1 28.7



#16
Methylene chloride
Concen: 5.333 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU047309.D
Acq: 03 Mar 2022 11:50

Tgt Ion: 84 Resp: 56537
Ion Ratio Lower Upper
84 100
86 63.8 45.8 85.0
49 106.6 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 5.338 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU047309.D

Acq: 03 Mar 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

H0AB1MSD

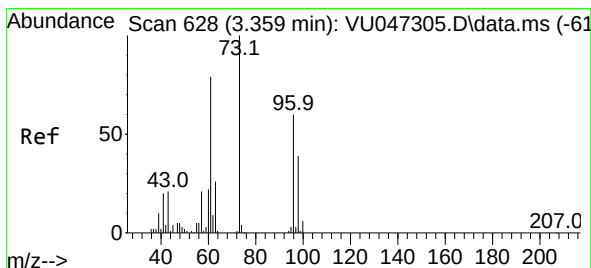
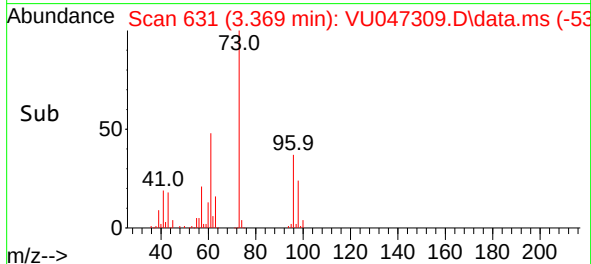
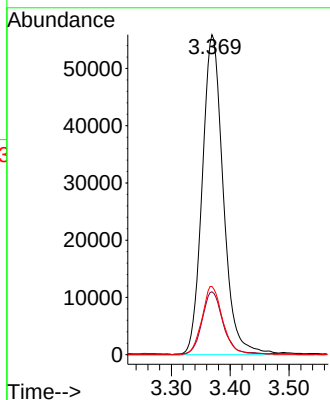
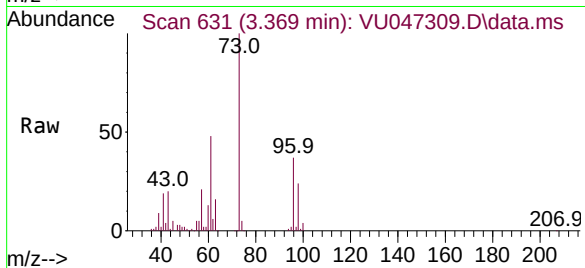
Tgt Ion: 73 Resp: 138834

Ion Ratio Lower Upper

73 100

43 20.0 14.8 22.2

57 21.2 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 5.242 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU047309.D

Acq: 03 Mar 2022 11:50

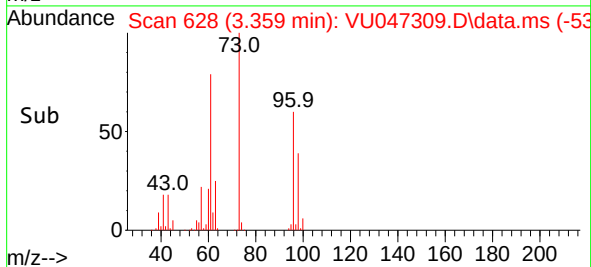
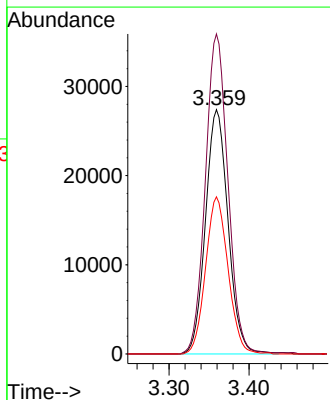
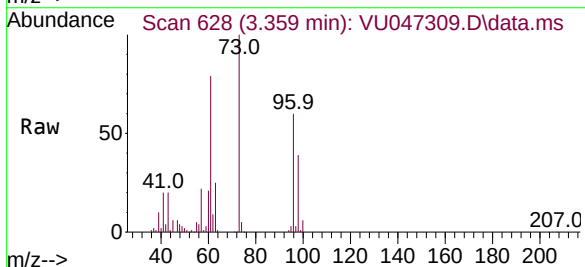
Tgt Ion: 96 Resp: 53917

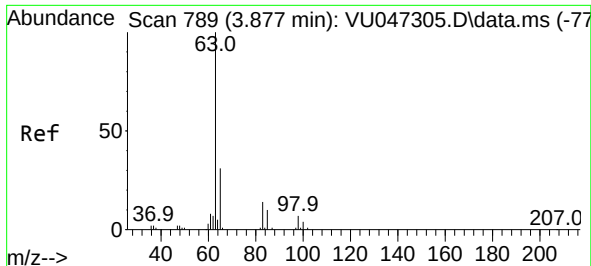
Ion Ratio Lower Upper

96 100

61 131.0 100.8 187.2

98 64.3 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.273 ug/L

RT: 3.877 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU047309.D

Acq: 03 Mar 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

H0AB1MSD

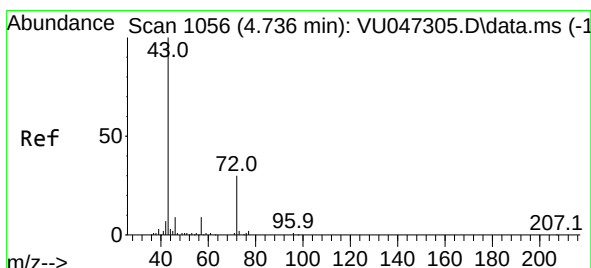
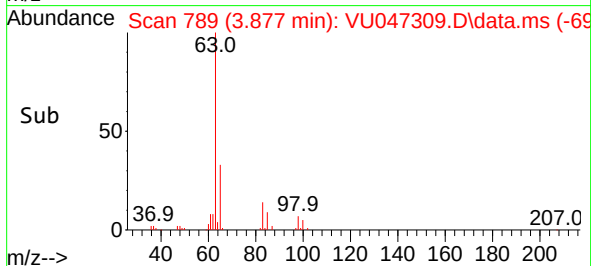
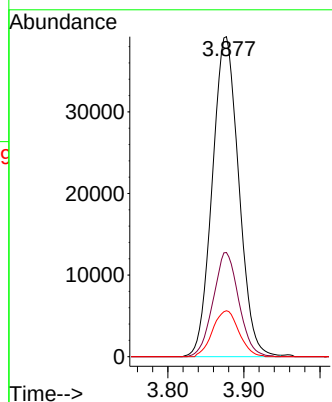
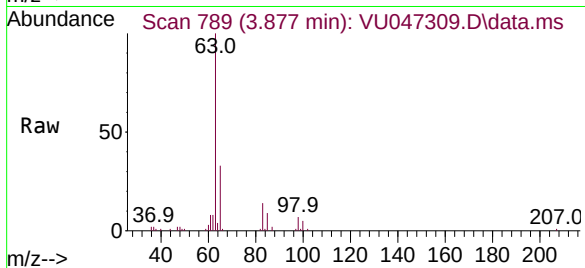
Tgt Ion: 63 Resp: 94809

Ion Ratio Lower Upper

63 100

65 32.5 22.3 41.5

83 14.4 9.6 17.8



#21

2-Butanone

Concen: 62.980 ug/L

RT: 4.732 min Scan# 1055

Delta R.T. -0.003 min

Lab File: VU047309.D

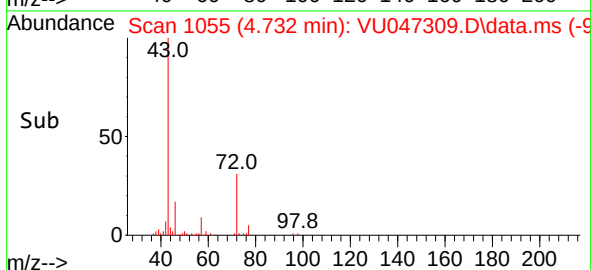
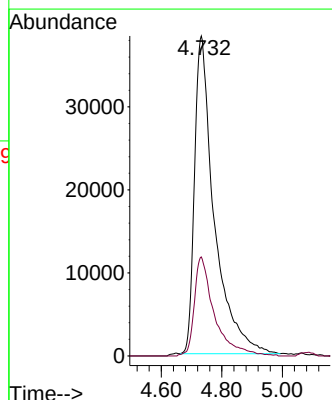
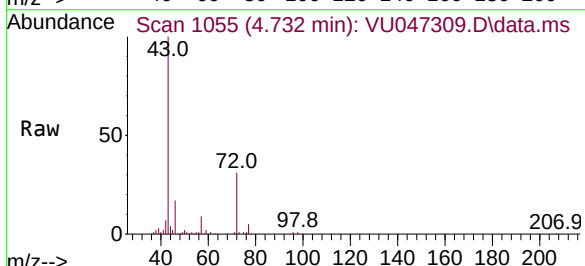
Acq: 03 Mar 2022 11:50

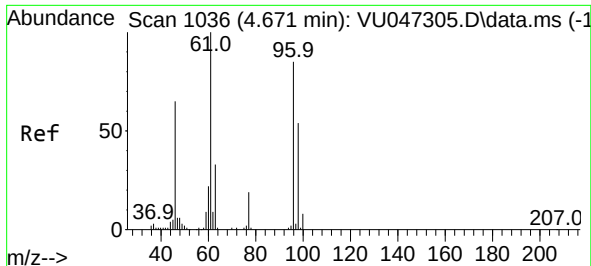
Tgt Ion: 43 Resp: 172867

Ion Ratio Lower Upper

43 100

72 31.3 14.1 42.3

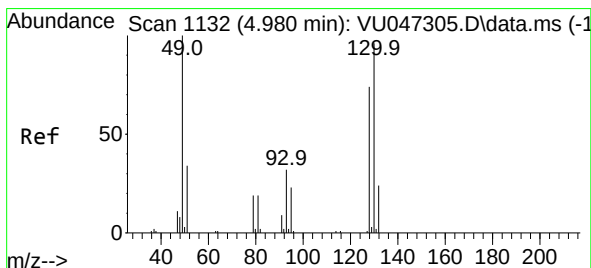
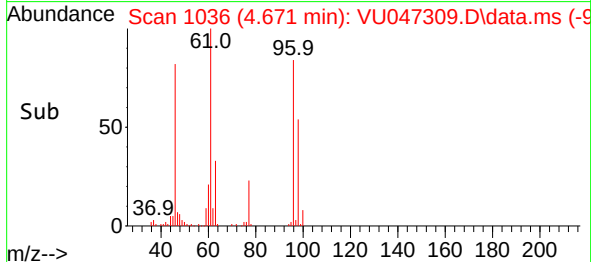
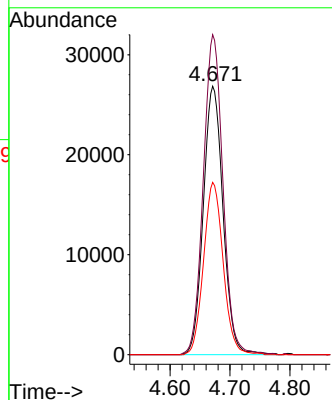
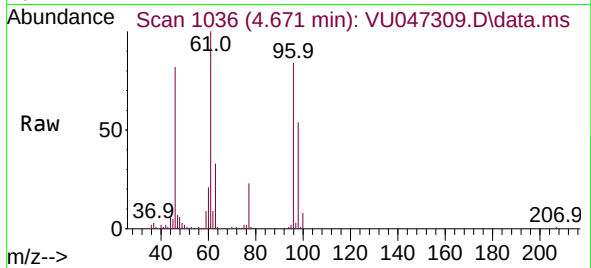




#22
 cis-1,2-Dichloroethene
 Concen: 5.500 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU047309.D
 Acq: 03 Mar 2022 11:50

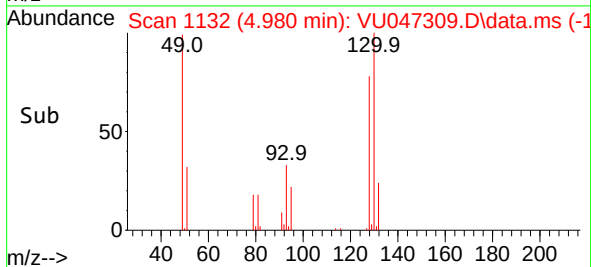
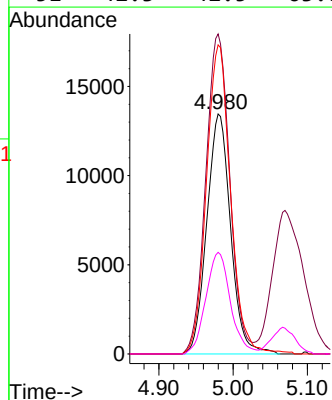
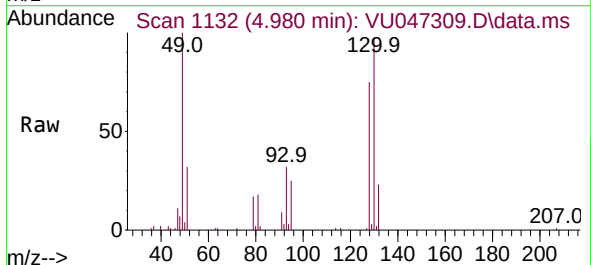
Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB1MSD

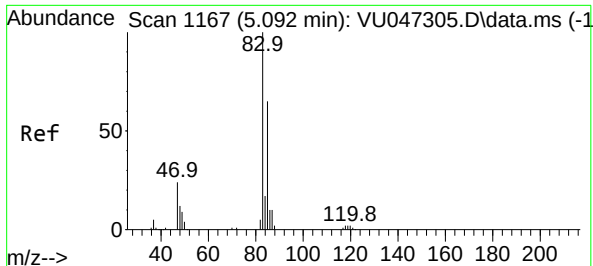
Tgt Ion: 96 Resp: 61569
 Ion Ratio Lower Upper
 96 100
 61 119.2 88.5 164.3
 98 64.2 44.4 82.5



#23
 Bromochloromethane
 Concen: 5.708 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VU047309.D
 Acq: 03 Mar 2022 11:50

Tgt Ion: 128 Resp: 29954
 Ion Ratio Lower Upper
 128 100
 49 133.3 117.0 217.2
 130 128.8 88.2 163.8
 51 42.3 42.5 63.7#





#25

Chloroform

Concen: 5.407 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047309.D

Acq: 03 Mar 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

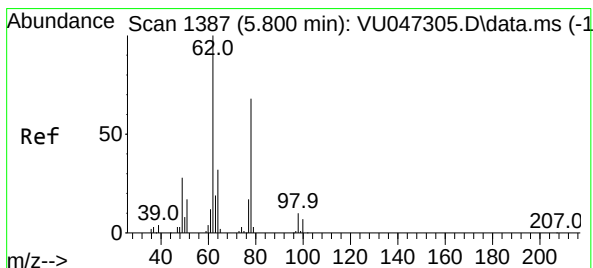
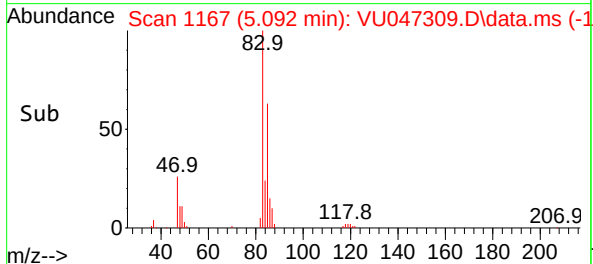
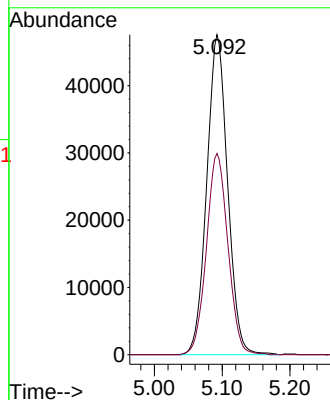
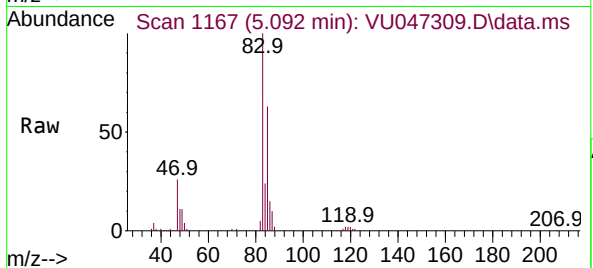
H0AB1MSD

Tgt Ion: 83 Resp: 101788

Ion Ratio Lower Upper

83 100

85 62.8 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.290 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU047309.D

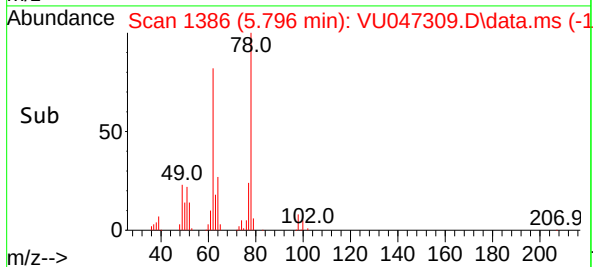
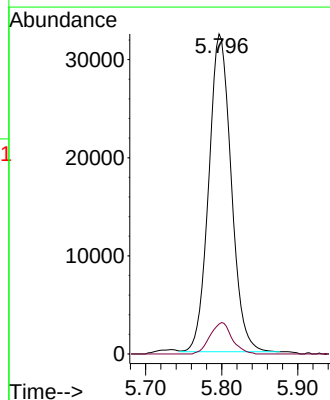
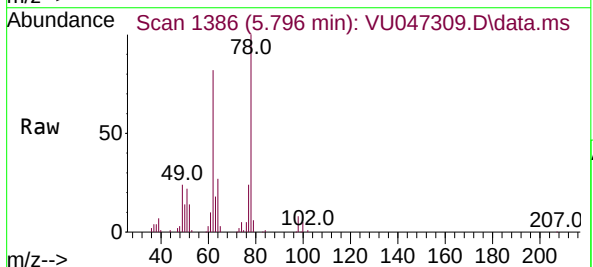
Acq: 03 Mar 2022 11:50

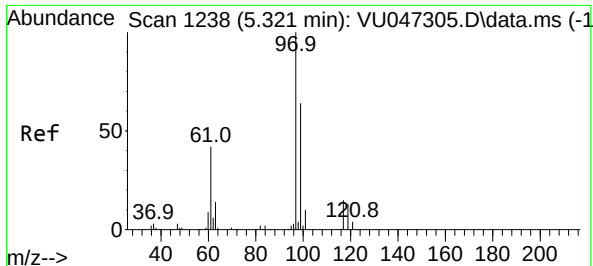
Tgt Ion: 62 Resp: 66571

Ion Ratio Lower Upper

62 100

98 9.4 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.506 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047309.D

Acq: 03 Mar 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

H0AB1MSD

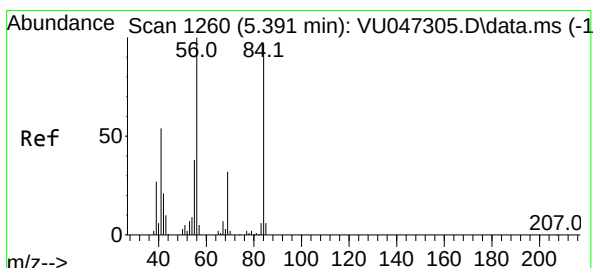
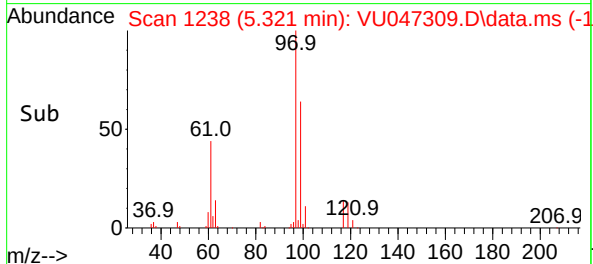
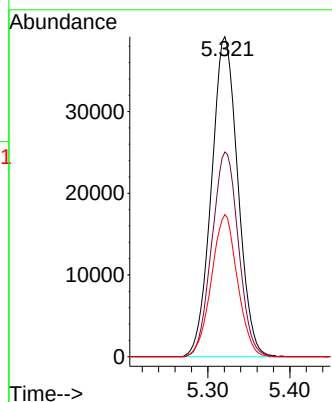
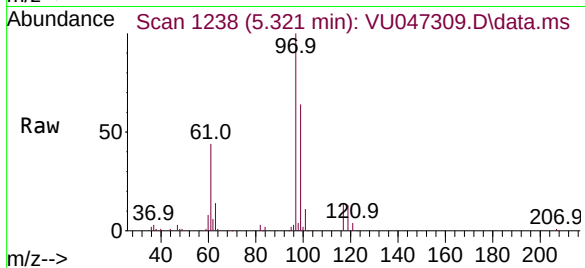
Tgt Ion: 97 Resp: 87749

Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 43.7 36.1 54.1



#30

Cyclohexane

Concen: 4.847 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VU047309.D

Acq: 03 Mar 2022 11:50

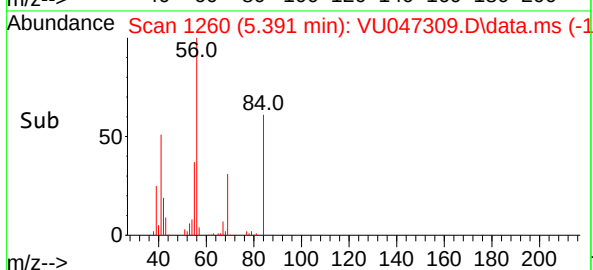
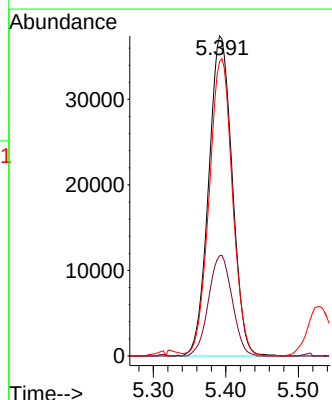
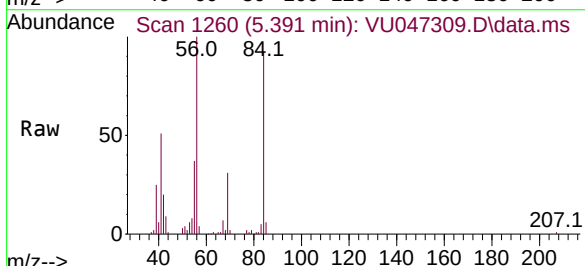
Tgt Ion: 56 Resp: 84298

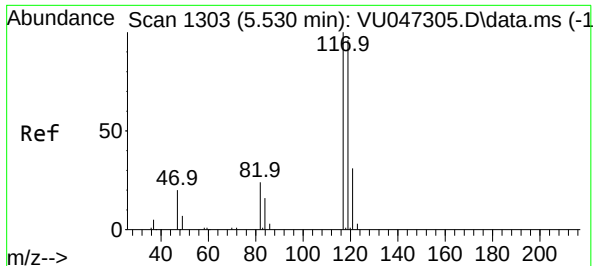
Ion Ratio Lower Upper

56 100

69 31.5 24.7 37.1

84 92.3 71.8 107.6

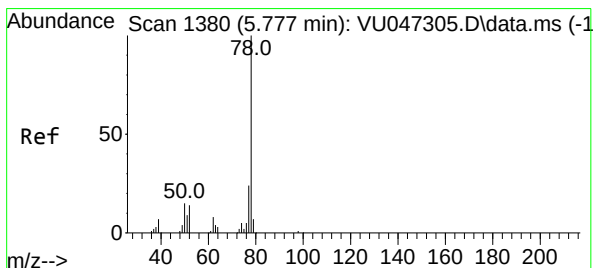
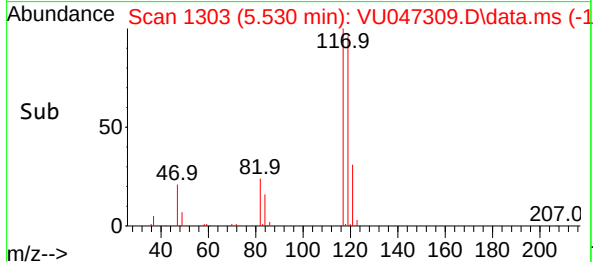
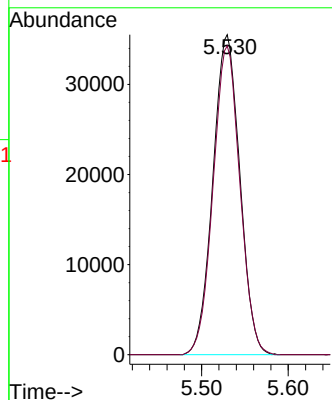
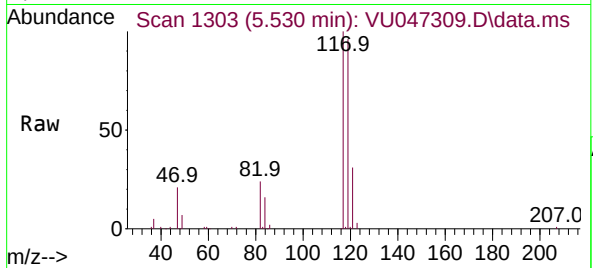




#31
Carbon tetrachloride
Concen: 5.536 ug/L
RT: 5.530 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047309.D
Acq: 03 Mar 2022 11:50

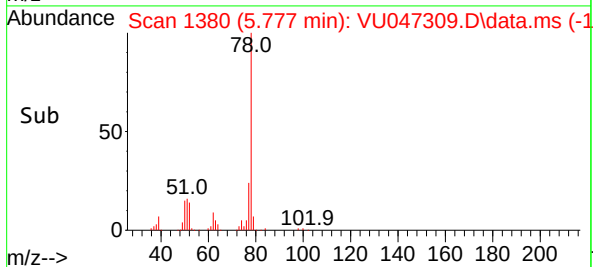
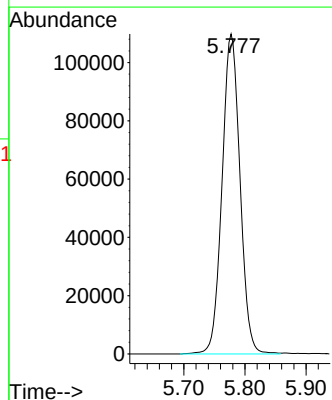
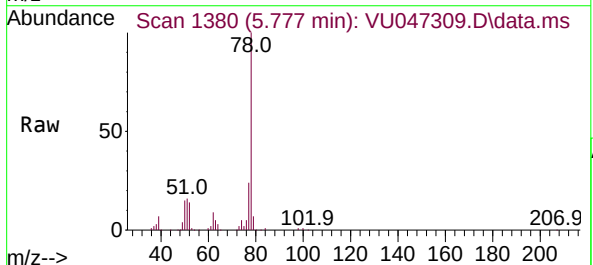
Instrument :
MSVOA_U
ClientSampleId :
H0AB1MSD

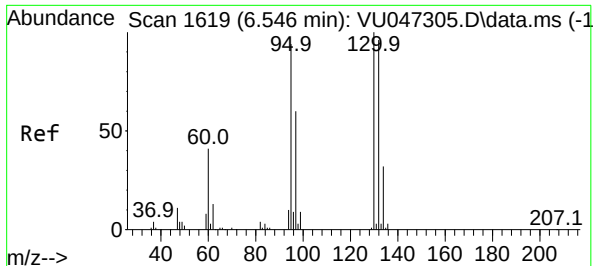
Tgt Ion:117 Resp: 76810
Ion Ratio Lower Upper
117 100
119 95.9 77.5 116.3



#33
Benzene
Concen: 5.359 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047309.D
Acq: 03 Mar 2022 11:50

Tgt Ion: 78 Resp: 224081





#34

Trichloroethene

Concen: 5.392 ug/L

RT: 6.542 min Scan# 1619

Delta R.T. -0.003 min

Lab File: VU047309.D

Acq: 03 Mar 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

H0AB1MSD

Tgt Ion: 95 Resp: 60135

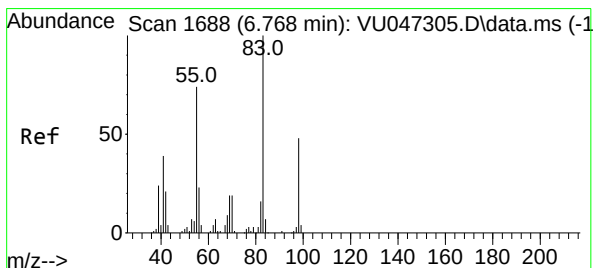
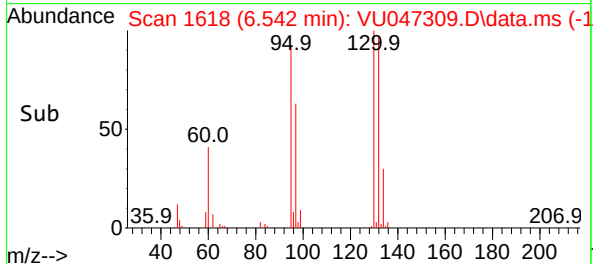
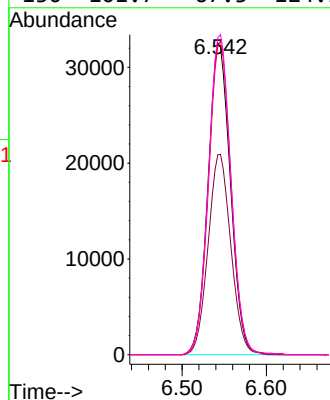
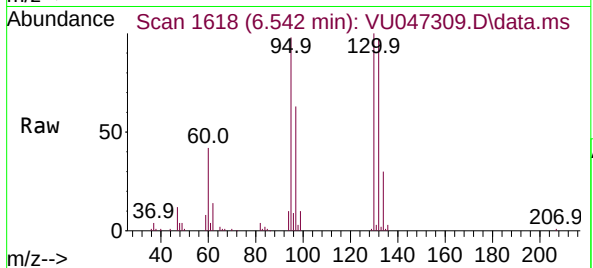
Ion Ratio Lower Upper

95 100

97 64.1 46.5 86.5

132 99.1 65.1 120.9

130 101.7 67.3 124.9



#35

Methylcyclohexane

Concen: 5.107 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. -0.003 min

Lab File: VU047309.D

Acq: 03 Mar 2022 11:50

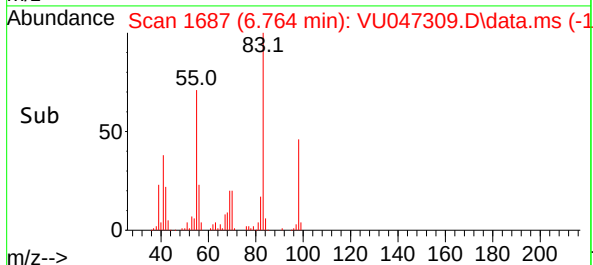
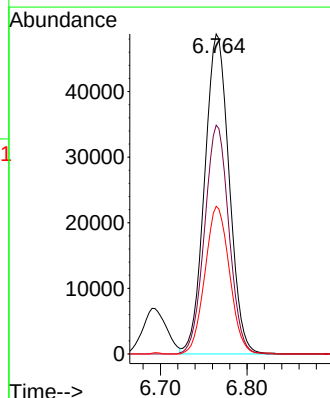
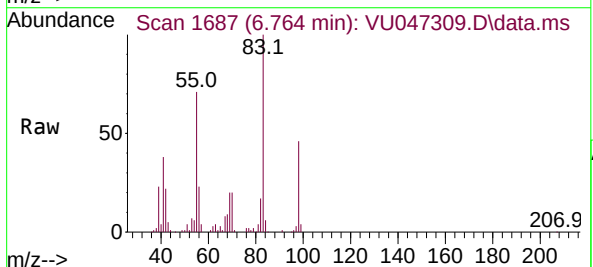
Tgt Ion: 83 Resp: 96120

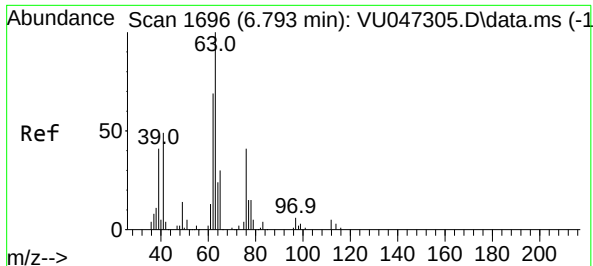
Ion Ratio Lower Upper

83 100

55 70.9 61.9 92.9

98 46.2 39.0 58.6





#37

1,2-Dichloropropane

Concen: 5.309 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047309.D

Acq: 03 Mar 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

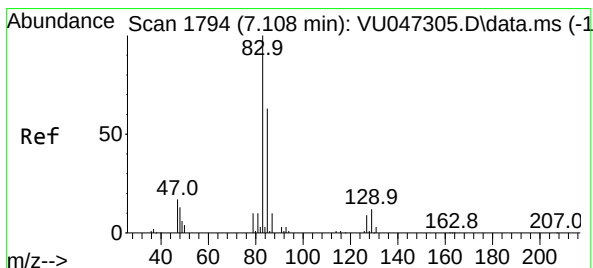
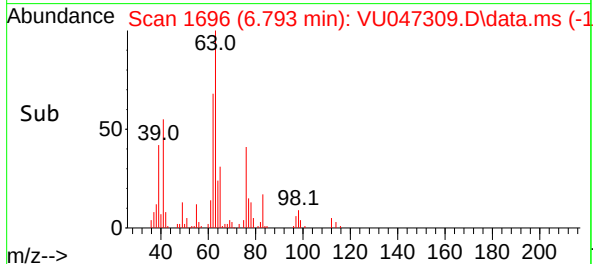
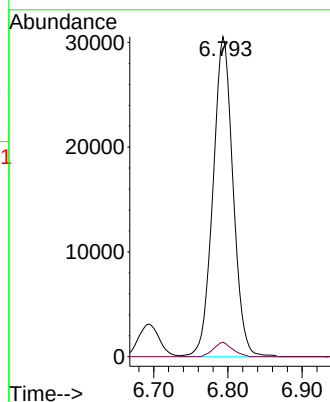
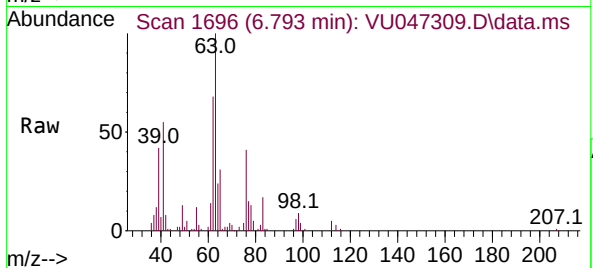
H0AB1MSD

Tgt Ion: 63 Resp: 57389

Ion Ratio Lower Upper

63 100

112 4.2 3.2 4.8



#38

Bromodichloromethane

Concen: 5.464 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047309.D

Acq: 03 Mar 2022 11:50

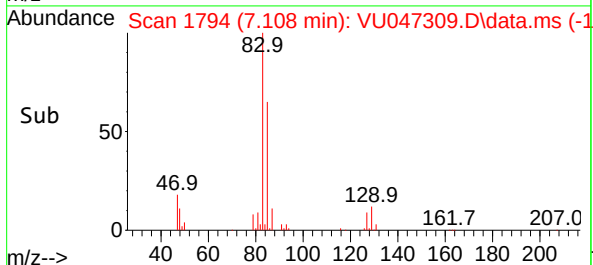
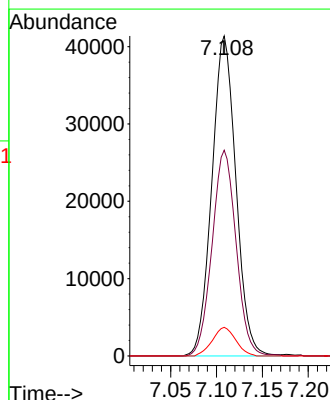
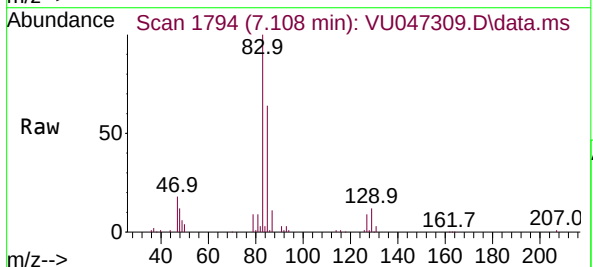
Tgt Ion: 83 Resp: 75449

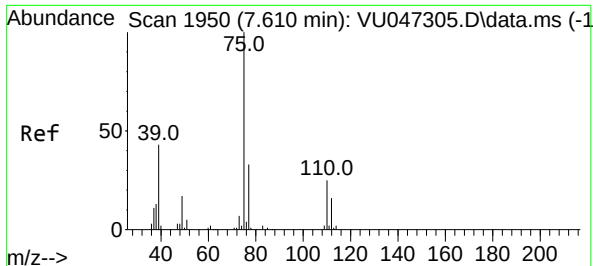
Ion Ratio Lower Upper

83 100

85 64.3 44.0 81.8

127 8.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.141 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047309.D

Acq: 03 Mar 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

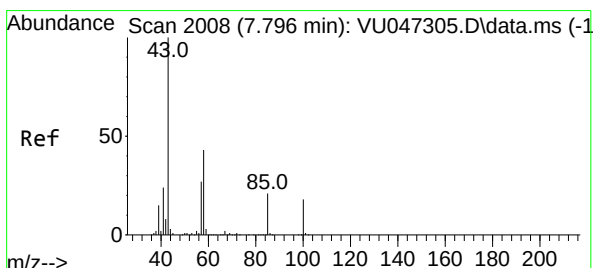
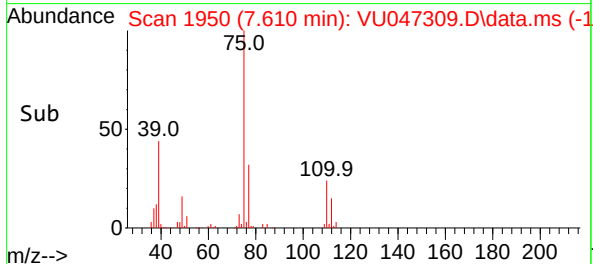
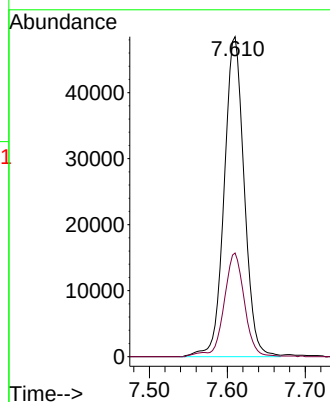
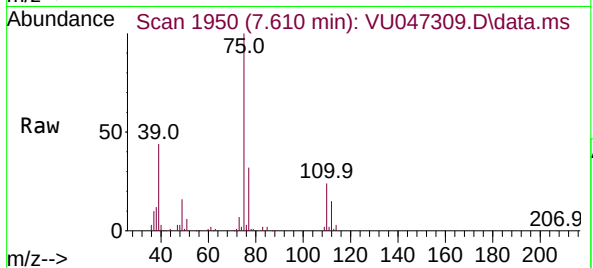
H0AB1MSD

Tgt Ion: 75 Resp: 86416

Ion Ratio Lower Upper

75 100

77 32.4 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 52.630 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU047309.D

Acq: 03 Mar 2022 11:50

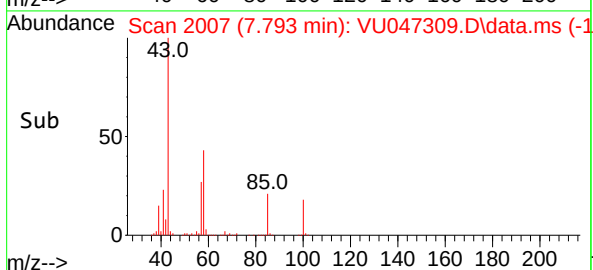
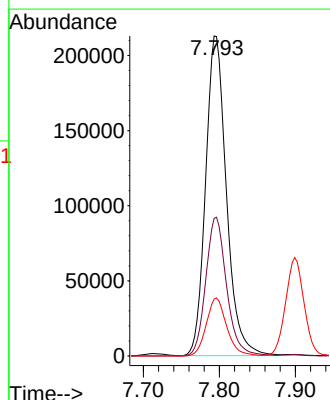
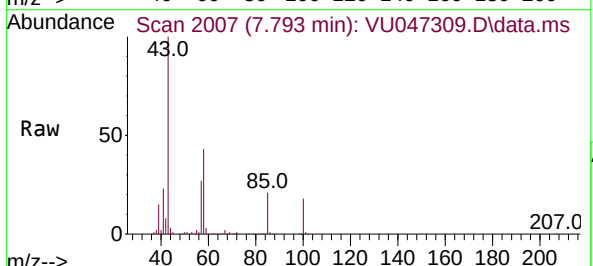
Tgt Ion: 43 Resp: 405919

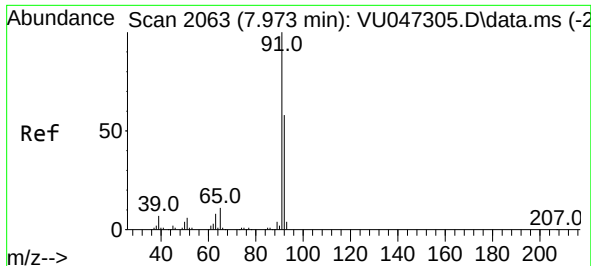
Ion Ratio Lower Upper

43 100

58 43.3 33.1 49.7

100 17.8 13.2 19.8

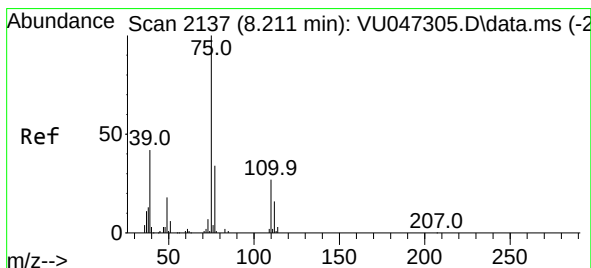
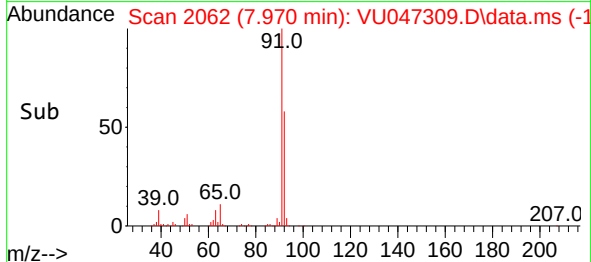
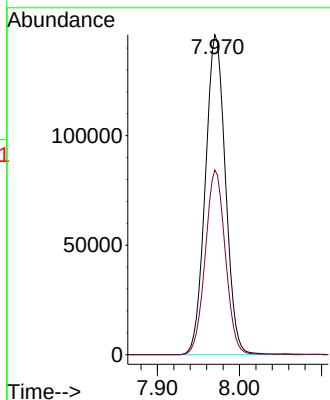
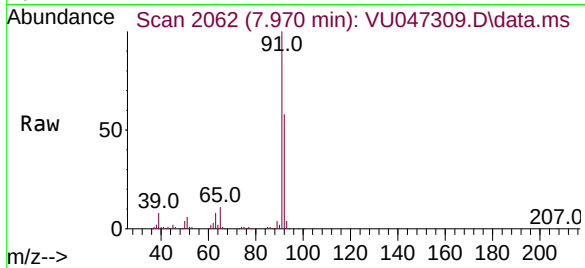




#42
Toluene
Concen: 5.338 ug/L
RT: 7.970 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU047309.D
Acq: 03 Mar 2022 11:50

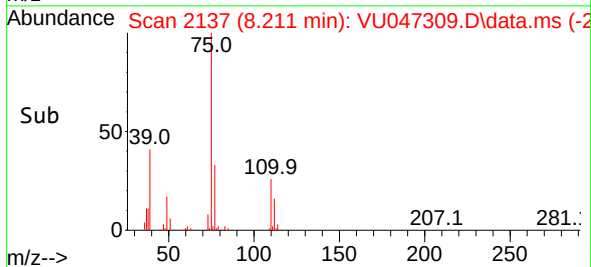
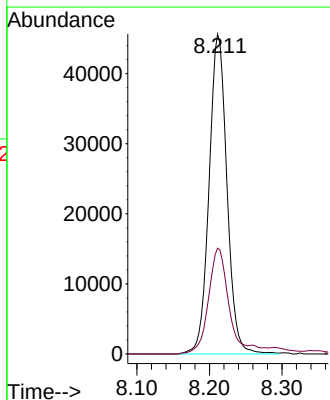
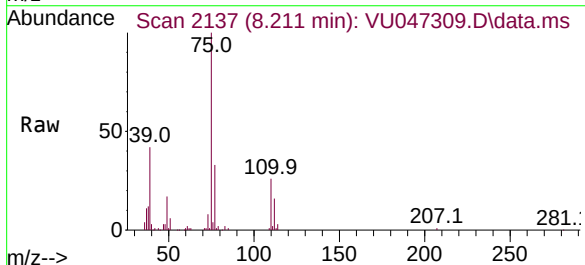
Instrument :
MSVOA_U
ClientSampleId :
H0AB1MSD

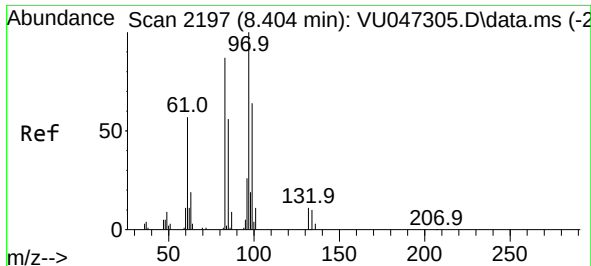
Tgt Ion: 91 Resp: 248477
Ion Ratio Lower Upper
91 100
92 57.7 41.3 76.7



#44
trans-1,3-Dichloropropene
Concen: 5.162 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU047309.D
Acq: 03 Mar 2022 11:50

Tgt Ion: 75 Resp: 78170
Ion Ratio Lower Upper
75 100
77 33.1 22.7 42.3

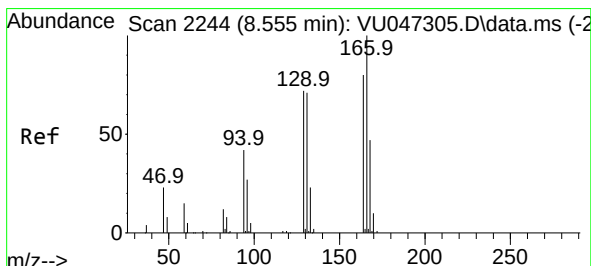
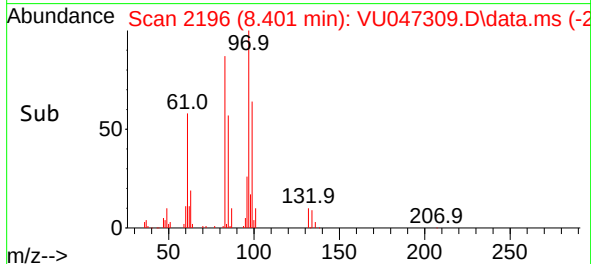
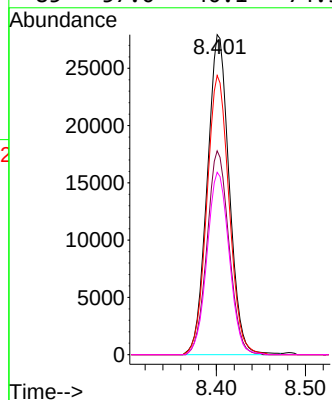
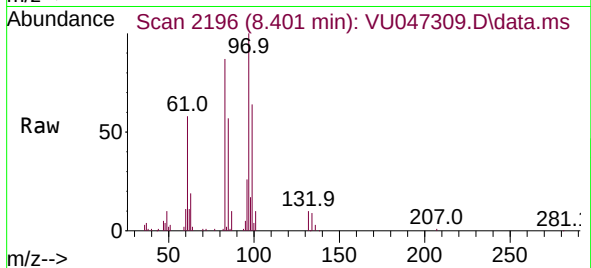




#45
1,1,2-Trichloroethane
Concen: 5.709 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU047309.D
Acq: 03 Mar 2022 11:50

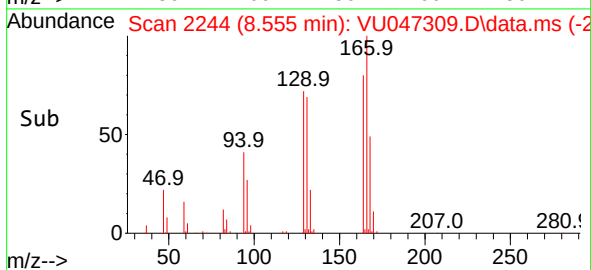
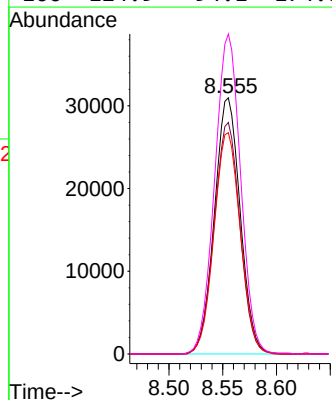
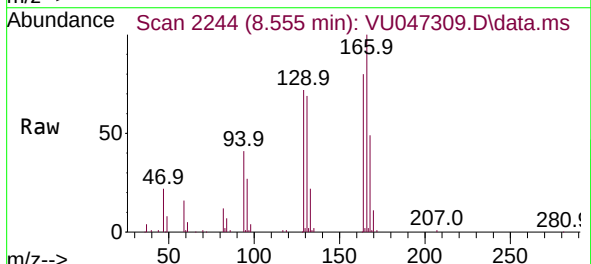
Instrument :
MSVOA_U
ClientSampleId :
H0AB1MSD

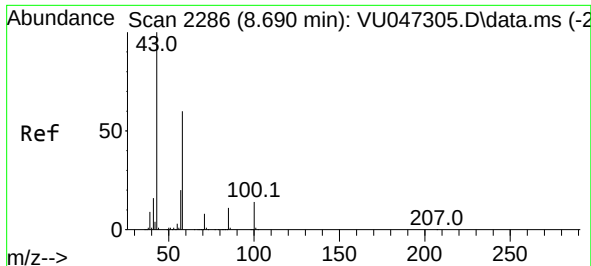
Tgt Ion:	97	Resp:	47915
Ion	Ratio	Lower	Upper
97	100		
99	63.7	42.3	78.5
83	87.2	62.0	115.2
85	57.0	40.1	74.5



#47
Tetrachloroethene
Concen: 5.708 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047309.D
Acq: 03 Mar 2022 11:50

Tgt Ion:	164	Resp:	51661
Ion	Ratio	Lower	Upper
164	100		
129	90.4	71.8	133.4
131	86.3	68.5	127.3
166	124.9	94.1	174.8

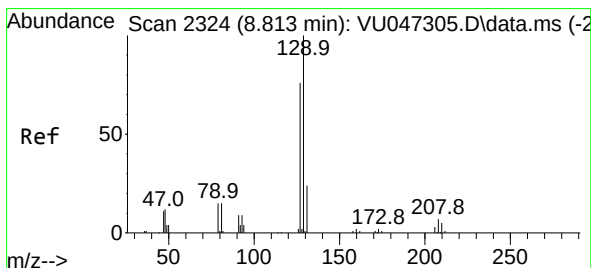
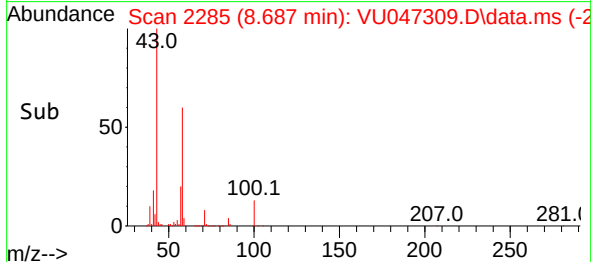
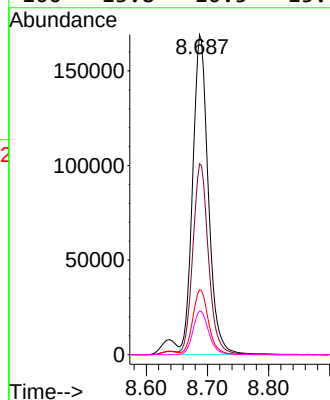
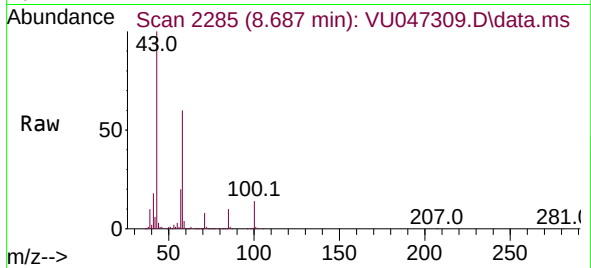




#48
2-Hexanone
Concen: 52.353 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047309.D
Acq: 03 Mar 2022 11:50

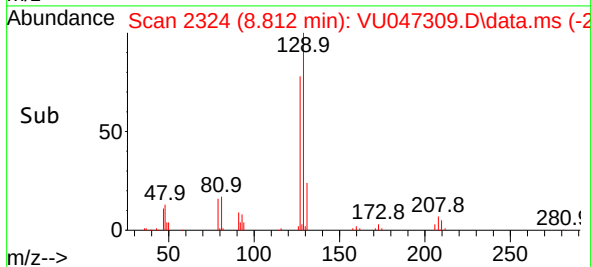
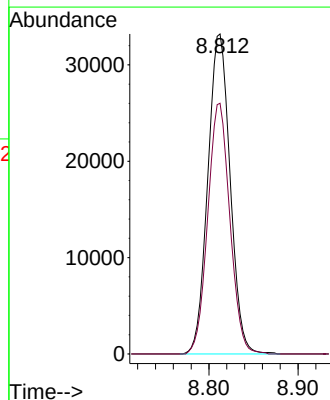
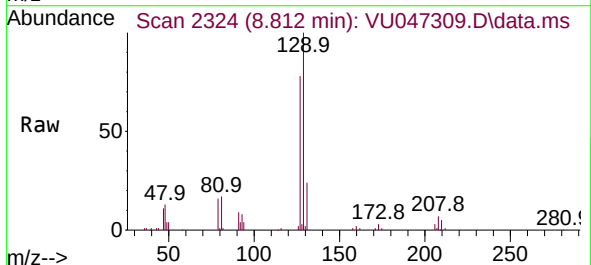
Instrument :
MSVOA_U
ClientSampleId :
H0AB1MSD

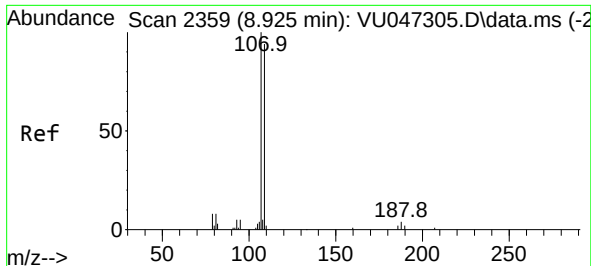
Tgt Ion: 43 Resp: 300208
Ion Ratio Lower Upper
43 100
58 60.2 46.7 70.1
57 20.4 16.3 24.5
100 13.8 10.5 15.7



#49
Dibromochloromethane
Concen: 5.708 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047309.D
Acq: 03 Mar 2022 11:50

Tgt Ion: 129 Resp: 57718
Ion Ratio Lower Upper
129 100
127 78.4 55.4 102.8





#50

1,2-Dibromoethane

Concen: 5.786 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047309.D

Acq: 03 Mar 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

H0AB1MSD

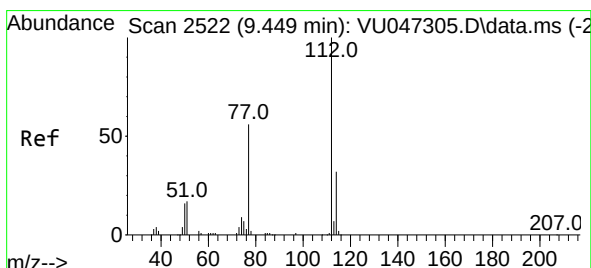
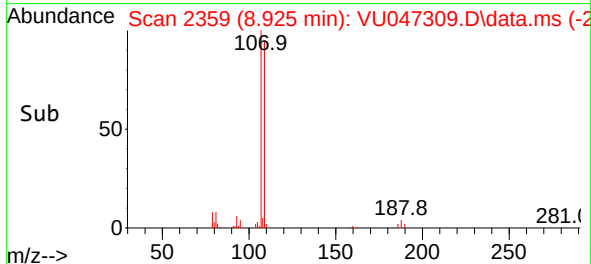
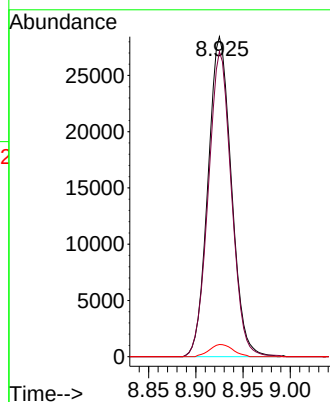
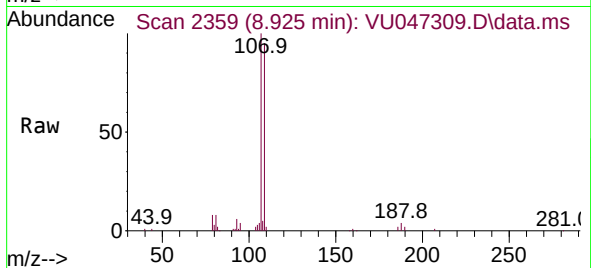
Tgt Ion:107 Resp: 48984

Ion Ratio Lower Upper

107 100

109 95.3 64.0 119.0

188 3.8 2.4 3.6#



#51

Chlorobenzene

Concen: 5.475 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU047309.D

Acq: 03 Mar 2022 11:50

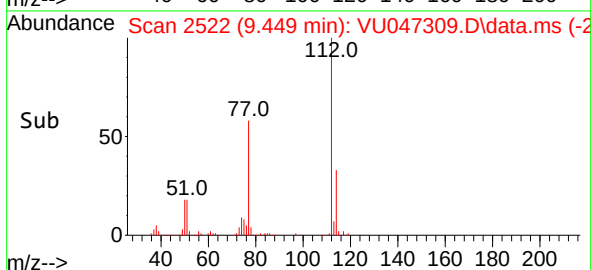
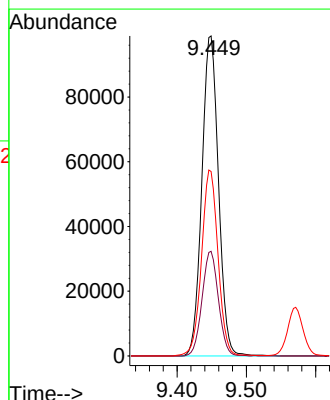
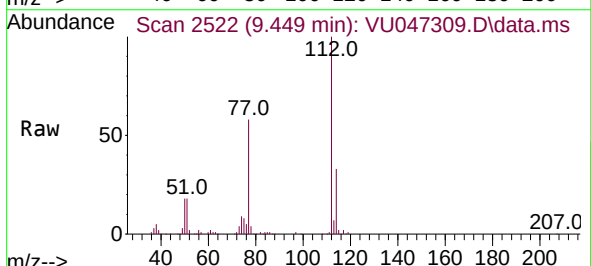
Tgt Ion:112 Resp: 164503

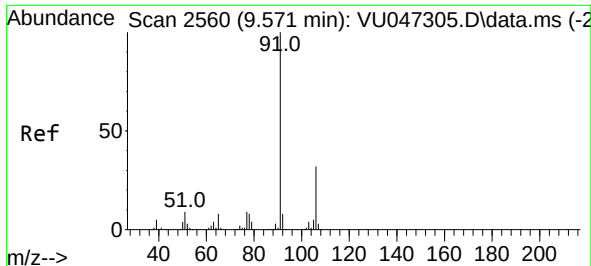
Ion Ratio Lower Upper

112 100

114 32.7 22.1 41.1

77 57.7 48.3 72.5

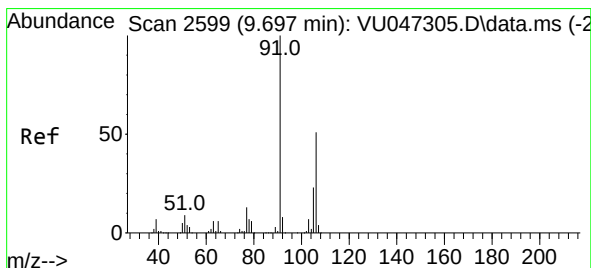
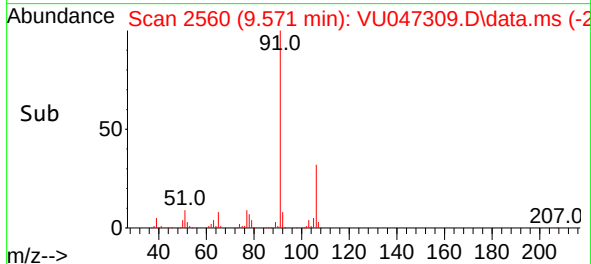
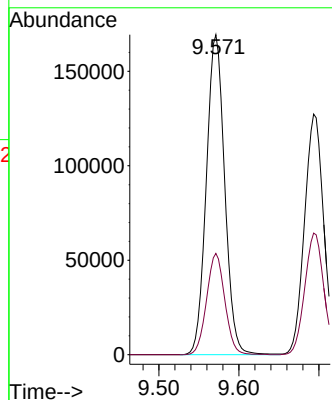
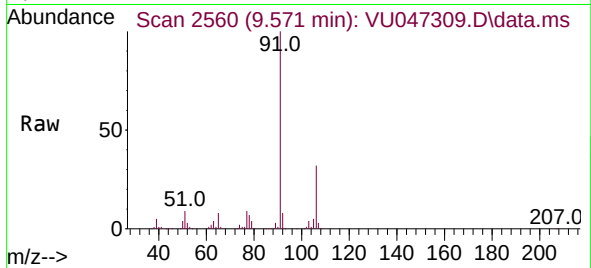




#52
Ethylbenzene
Concen: 5.298 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047309.D
Acq: 03 Mar 2022 11:50

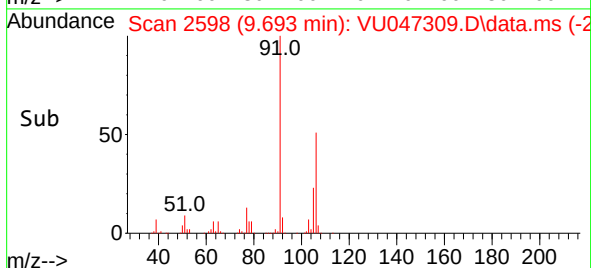
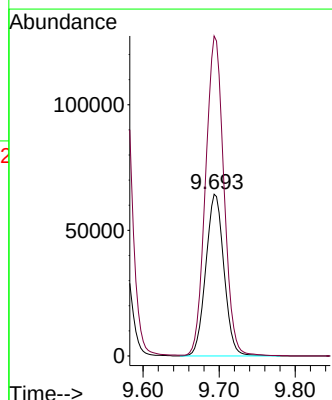
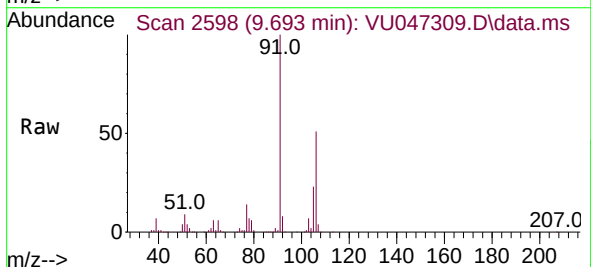
Instrument :
MSVOA_U
ClientSampleId :
H0AB1MSD

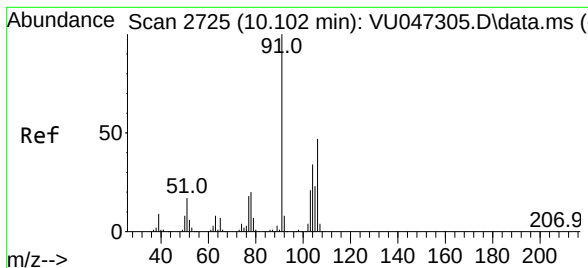
Tgt Ion: 91 Resp: 270233
Ion Ratio Lower Upper
91 100
106 31.6 21.5 39.9



#53
m,p-Xylene
Concen: 5.349 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU047309.D
Acq: 03 Mar 2022 11:50

Tgt Ion:106 Resp: 107116
Ion Ratio Lower Upper
106 100
91 197.8 139.4 259.0

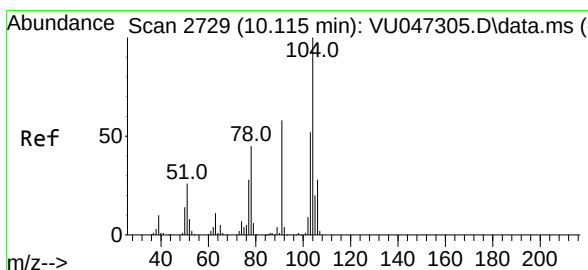
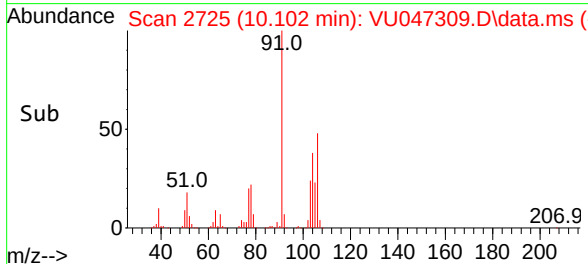
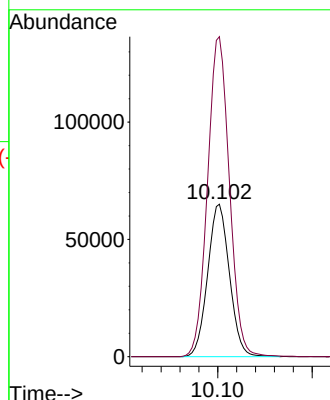
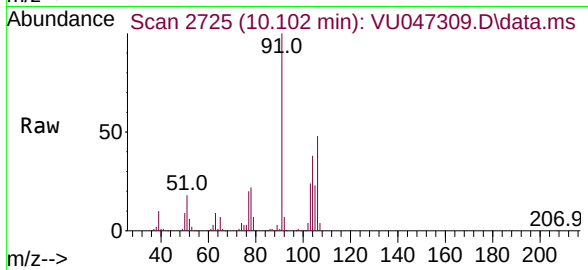




#54
o-Xylene
Concen: 5.337 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047309.D
Acq: 03 Mar 2022 11:50

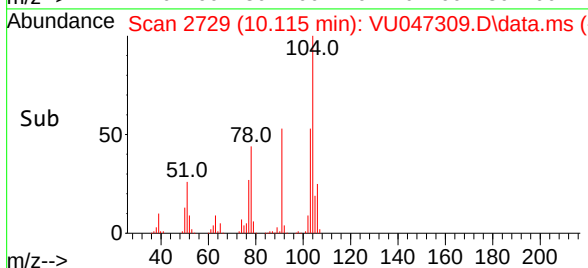
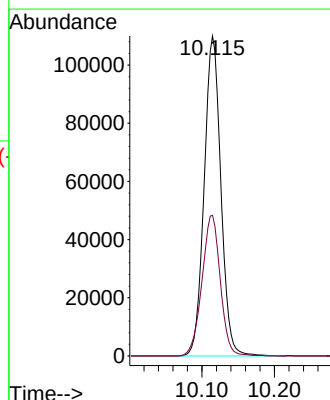
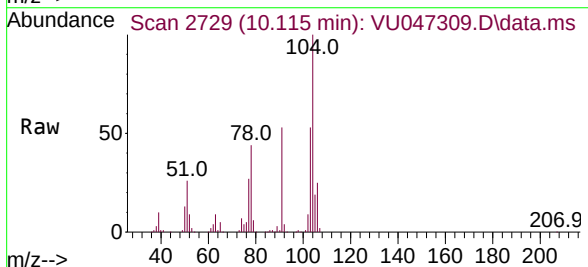
Instrument :
MSVOA_U
ClientSampleId :
H0AB1MSD

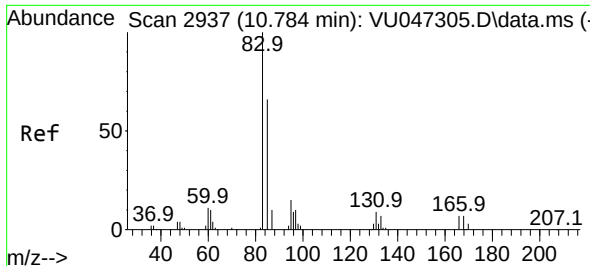
Tgt Ion:106 Resp: 104085
Ion Ratio Lower Upper
106 100
91 209.8 147.5 273.9



#55
Styrene
Concen: 5.408 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047309.D
Acq: 03 Mar 2022 11:50

Tgt Ion:104 Resp: 176439
Ion Ratio Lower Upper
104 100
78 43.9 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.823 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU047309.D

Acq: 03 Mar 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

H0AB1MSD

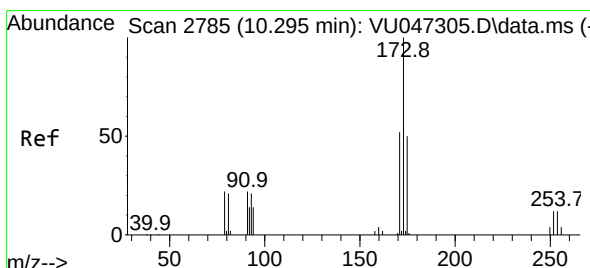
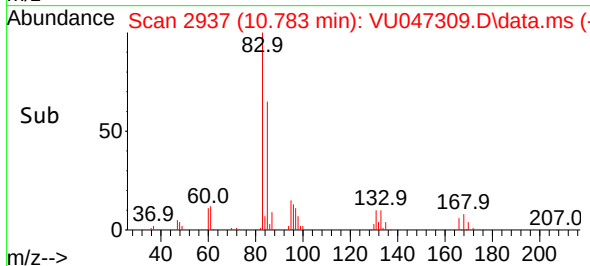
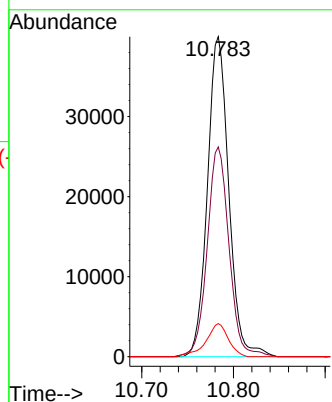
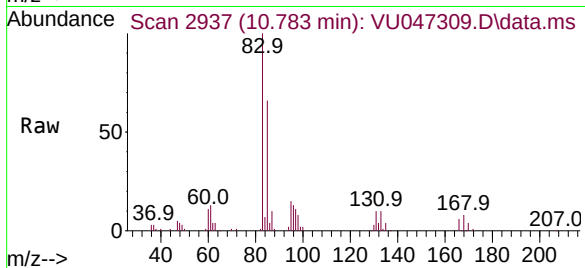
Tgt Ion: 83 Resp: 64682

Ion Ratio Lower Upper

83 100

85 65.6 47.9 89.1

131 10.4 8.1 12.1



#59

Bromoform

Concen: 5.305 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.003 min

Lab File: VU047309.D

Acq: 03 Mar 2022 11:50

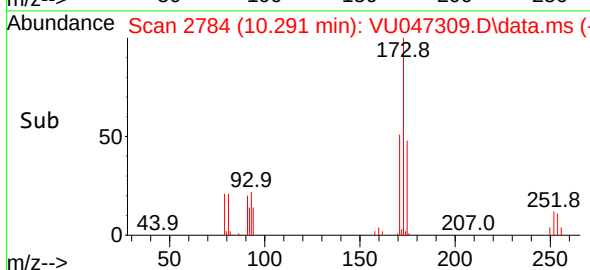
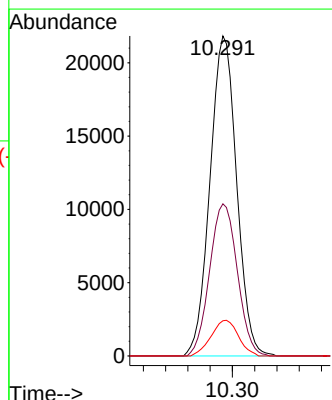
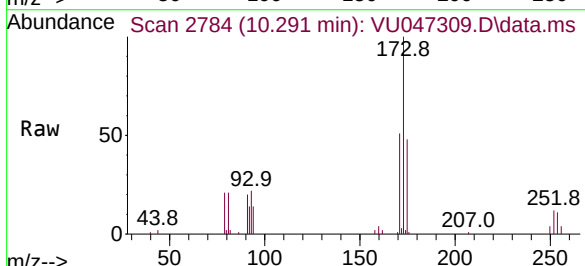
Tgt Ion: 173 Resp: 36222

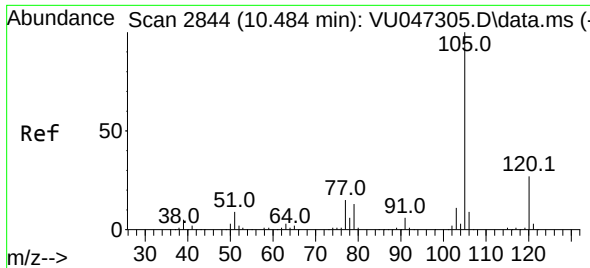
Ion Ratio Lower Upper

173 100

175 49.4 37.8 56.6

254 11.4 7.3 10.9#

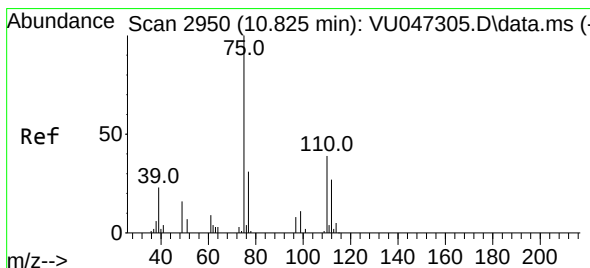
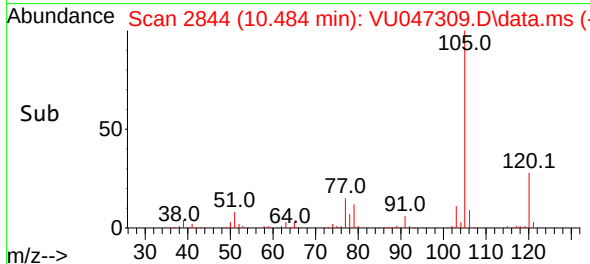
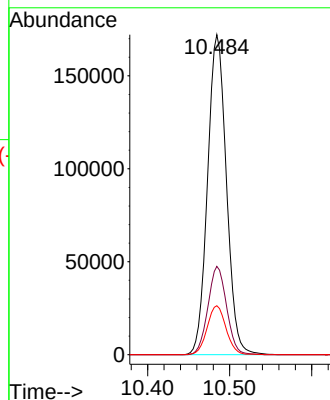
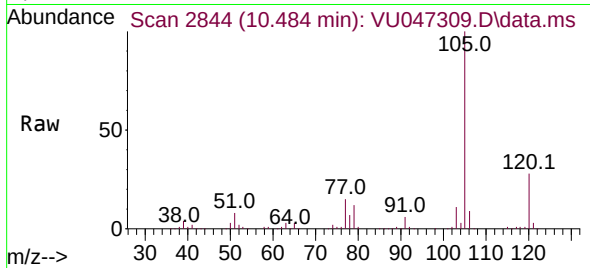




#60
Isopropylbenzene
Concen: 4.997 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU047309.D
Acq: 03 Mar 2022 11:50

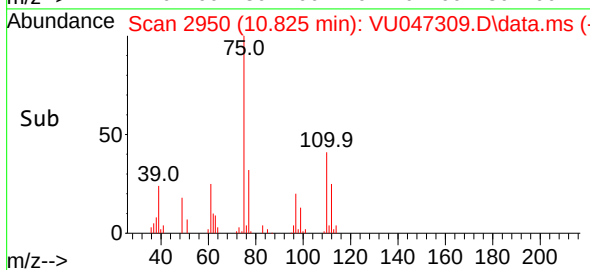
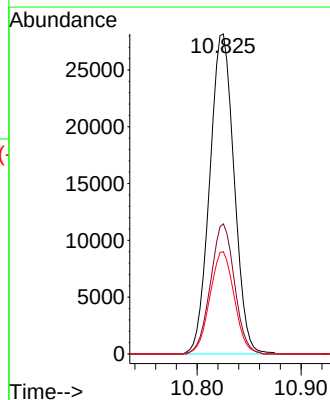
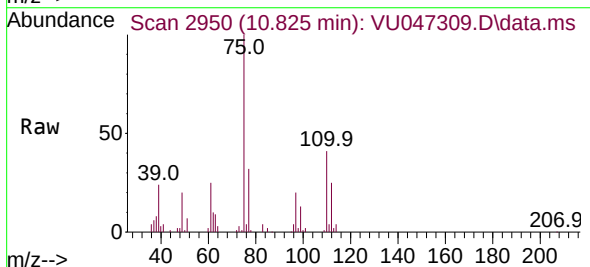
Instrument :
MSVOA_U
ClientSampleId :
H0AB1MSD

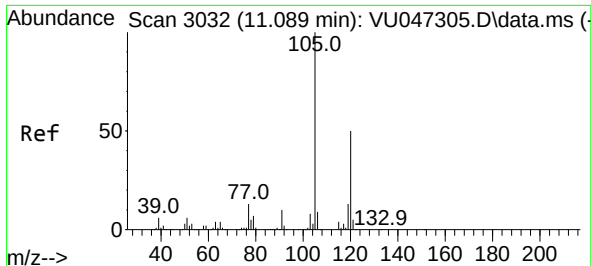
Tgt Ion:105 Resp: 274856
Ion Ratio Lower Upper
105 100
120 27.3 20.7 31.1
77 15.3 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.133 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU047309.D
Acq: 03 Mar 2022 11:50

Tgt Ion: 75 Resp: 45957
Ion Ratio Lower Upper
75 100
110 40.0 29.9 44.9
77 32.0 25.5 38.3

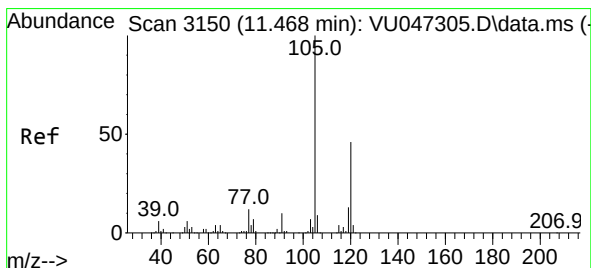
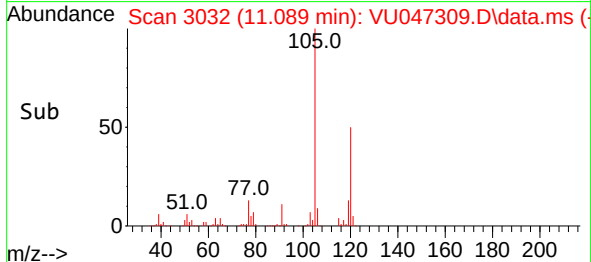
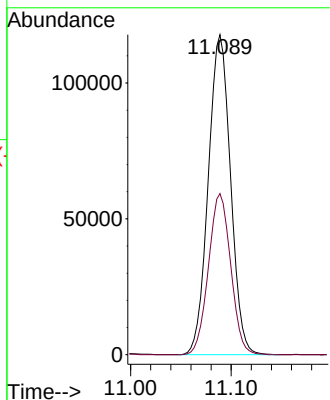
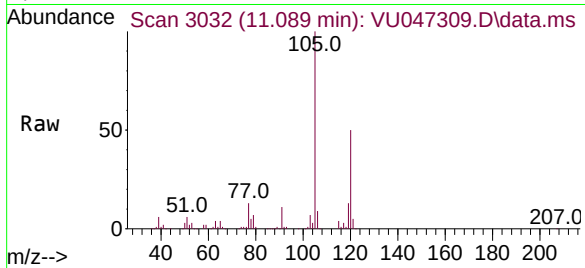




#62
1,3,5-Trimethylbenzene
Concen: 4.933 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047309.D
Acq: 03 Mar 2022 11:50

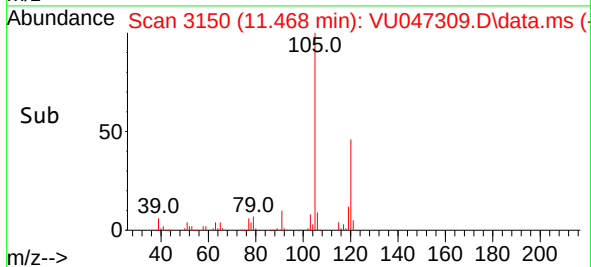
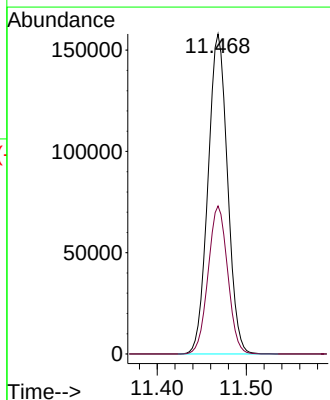
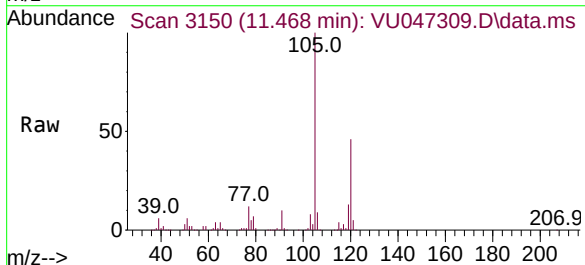
Instrument :
MSVOA_U
ClientSampleId :
H0AB1MSD

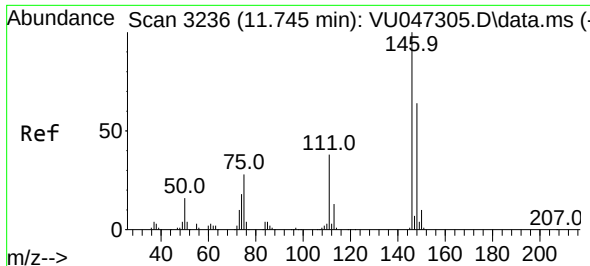
Tgt Ion:105 Resp: 181187
Ion Ratio Lower Upper
105 100
120 50.3 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 5.073 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047309.D
Acq: 03 Mar 2022 11:50

Tgt Ion:105 Resp: 239883
Ion Ratio Lower Upper
105 100
120 46.3 35.8 53.8

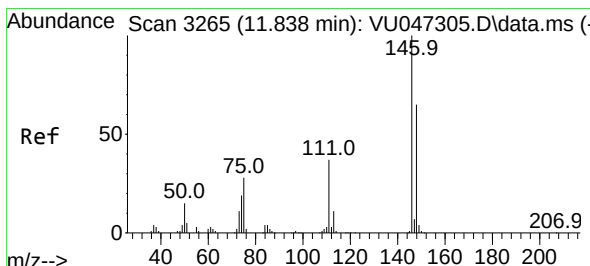
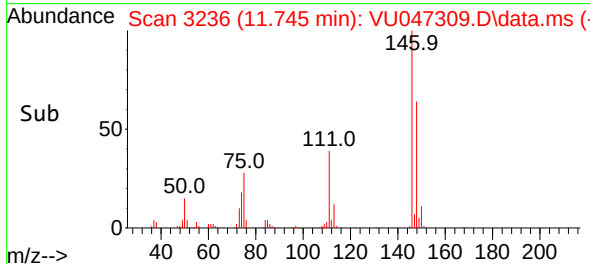
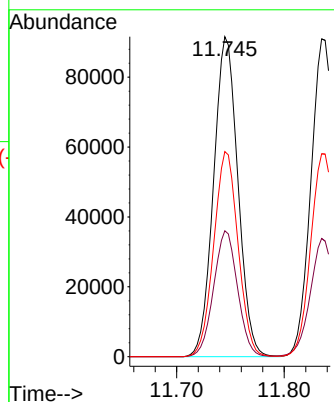
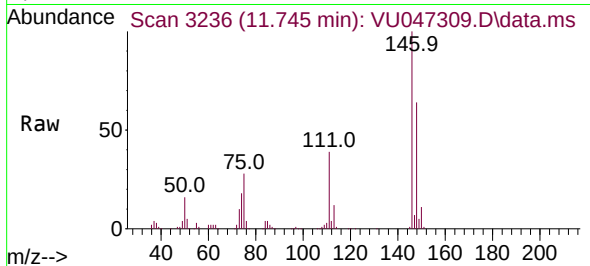




#64
1,3-Dichlorobenzene
Concen: 5.433 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047309.D
Acq: 03 Mar 2022 11:50

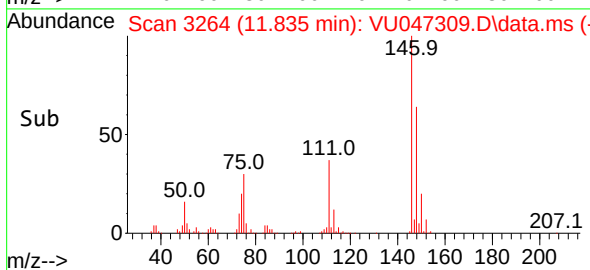
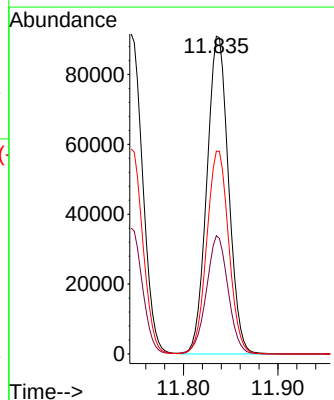
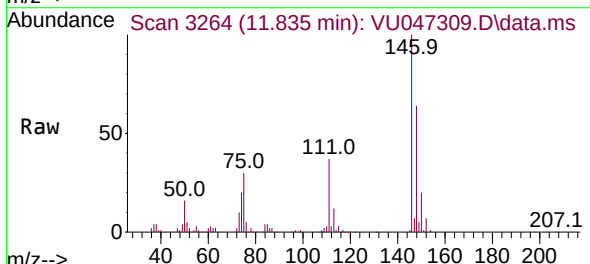
Instrument :
MSVOA_U
ClientSampleId :
H0AB1MSD

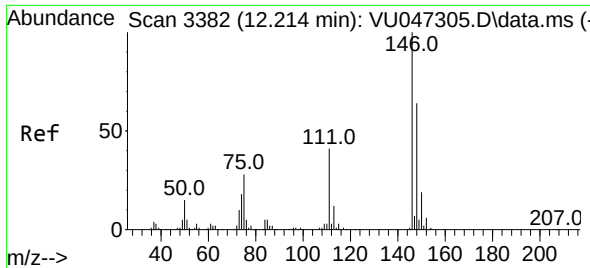
Tgt Ion:146 Resp: 144128
Ion Ratio Lower Upper
146 100
111 39.4 29.9 55.5
148 64.1 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.395 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU047309.D
Acq: 03 Mar 2022 11:50

Tgt Ion:146 Resp: 144821
Ion Ratio Lower Upper
146 100
111 37.2 28.7 53.3
148 63.8 45.8 85.0

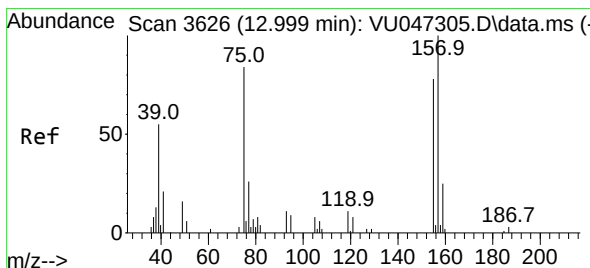
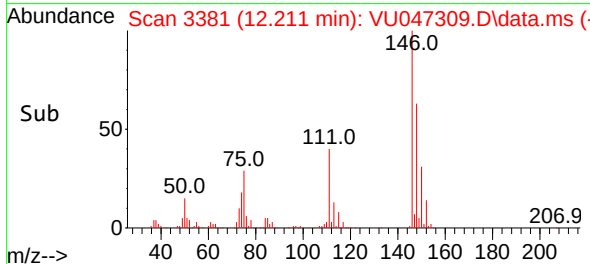
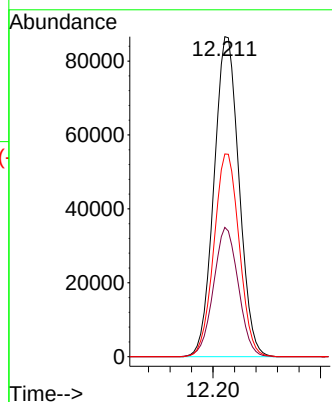
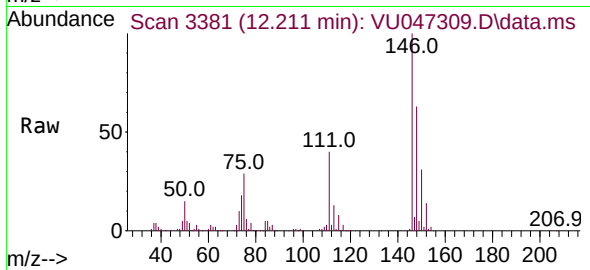




#67
1,2-Dichlorobenzene
Concen: 5.536 ug/L
RT: 12.211 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU047309.D
Acq: 03 Mar 2022 11:50

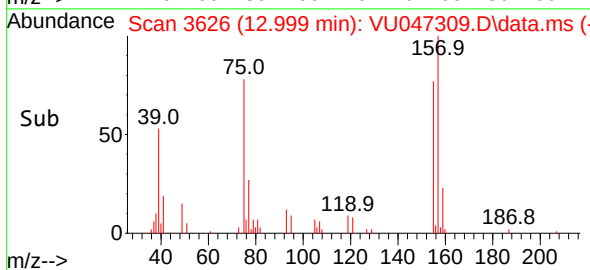
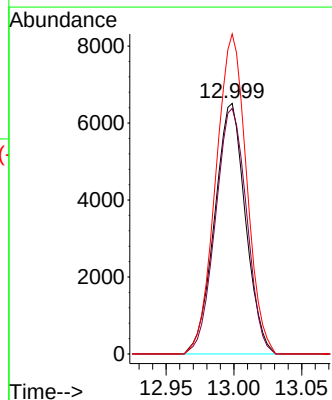
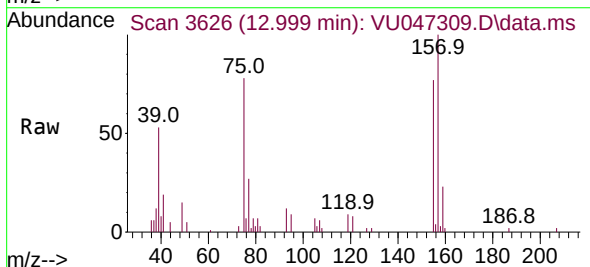
Instrument :
MSVOA_U
ClientSampleId :
H0AB1MSD

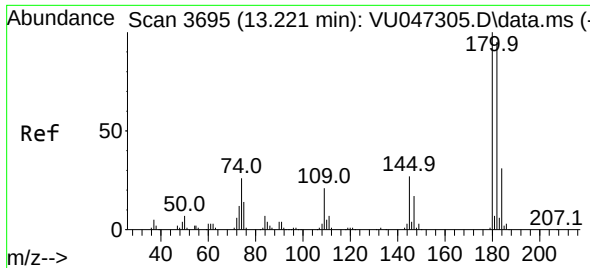
Tgt Ion:146 Resp: 139894
Ion Ratio Lower Upper
146 100
111 40.4 35.4 53.0
148 63.4 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 4.982 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU047309.D
Acq: 03 Mar 2022 11:50

Tgt Ion: 75 Resp: 10302
Ion Ratio Lower Upper
75 100
155 98.0 59.2 88.8#
157 127.7 76.5 114.7#

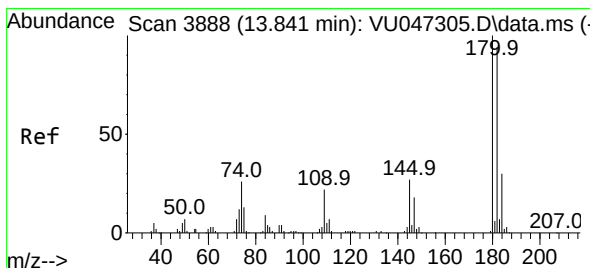
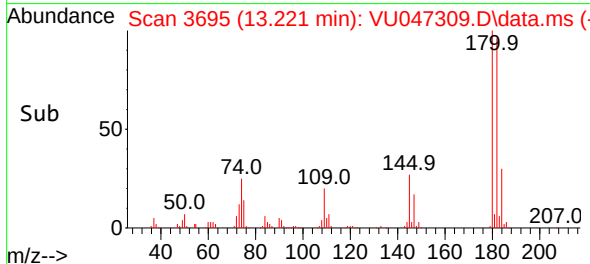
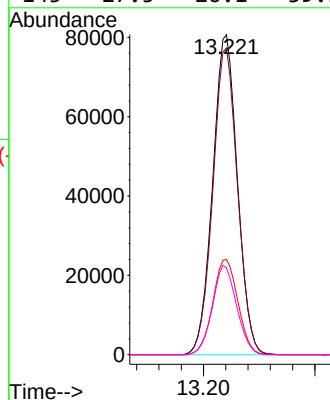
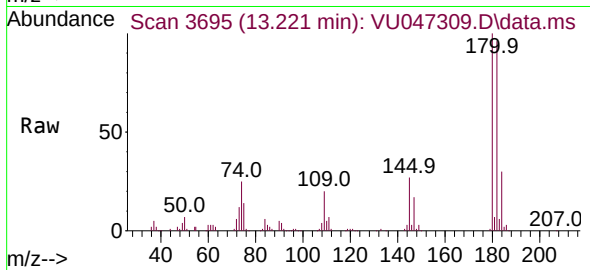




#69
 1,3,5-Trichlorobenzene
 Concen: 5.656 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU047309.D
 Acq: 03 Mar 2022 11:50

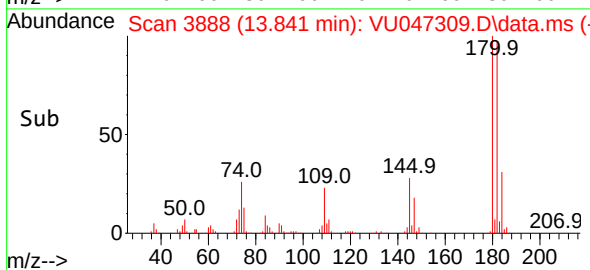
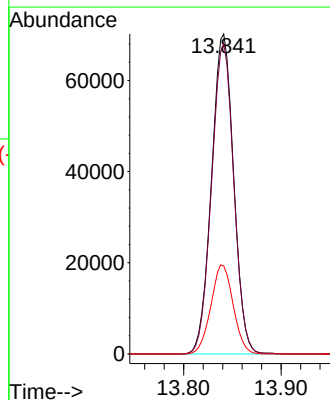
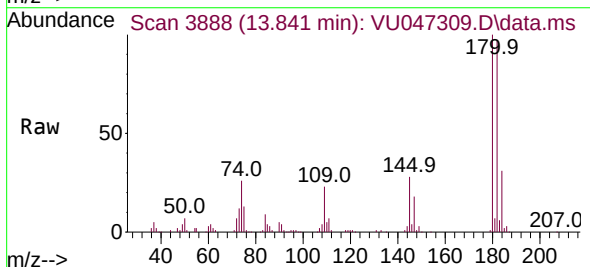
Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB1MSD

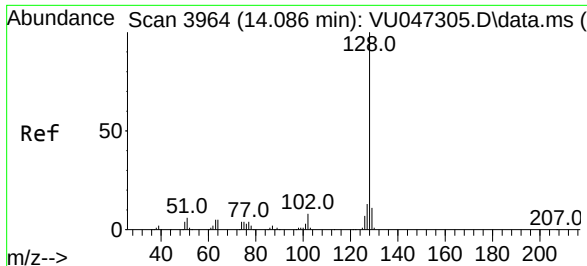
Tgt Ion:180	Resp:	123982
Ion Ratio	Lower	Upper
180	100	
182	95.8	76.1 114.1
184	30.3	25.0 37.4
145	27.5	26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 5.421 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047309.D
 Acq: 03 Mar 2022 11:50

Tgt Ion:180	Resp:	110616
Ion Ratio	Lower	Upper
180	100	
182	97.1	76.4 114.6
145	28.0	25.6 38.4

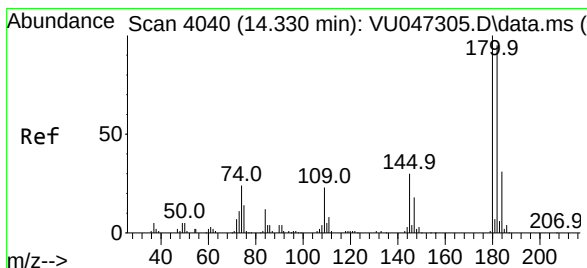
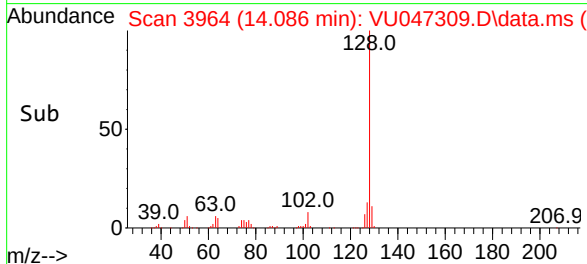
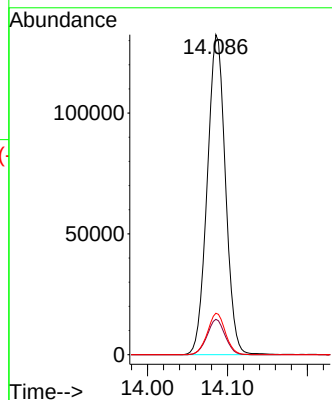
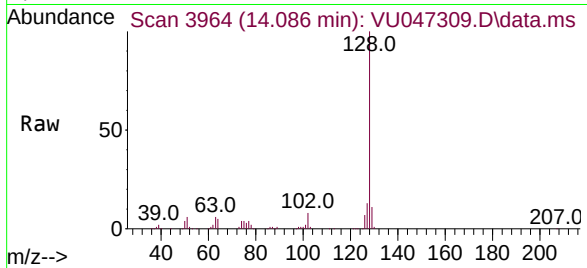




#71
Naphthalene
Concen: 4.979 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU047309.D
Acq: 03 Mar 2022 11:50

Instrument :
MSVOA_U
ClientSampleId :
H0AB1MSD

Tgt Ion:128 Resp: 209675
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 12.8 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.411 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047309.D
Acq: 03 Mar 2022 11:50

Tgt Ion:180 Resp: 103840
Ion Ratio Lower Upper
180 100
182 96.6 76.2 114.4
145 29.9 28.4 42.6

