

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U061722\
 Data File : U049236.D
 Acq On : 17 Jun 2022 10:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 18 04:06:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 02:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	134088	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	123720	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	63921	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	53771	4.589	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.912	69	37167	4.686	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.568	65	20869	4.428	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	4.636	46	143558	45.889	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.780%
24) Chloroform-d	5.067	84	87720	4.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.703	65	46362	4.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.729	84	174983	4.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.694	67	58742	4.644	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.899	98	158582	4.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.182	79	23003	4.093	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.636	63	101983	44.986	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.980%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	45174	4.460	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	58307	4.754	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	56975	4.977	ug/L	100
3) Chloromethane	1.520	50	56772	4.518	ug/L	100
5) Vinyl chloride	1.604	62	56668	5.027	ug/L	89
6) Bromomethane	1.858	94	25016	4.033	ug/L	100
8) Chloroethane	1.935	64	32413	4.967	ug/L	92
9) Trichlorofluoromethane	2.138	101	70003	5.351	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	39327	5.078	ug/L	97
12) 1,1-Dichloroethene	2.578	96	36670	4.864	ug/L	87
13) Acetone	2.649	43	80048	51.700	ug/L	99
14) Carbon disulfide	2.793	76	124388	4.995	ug/L	98
15) Methyl Acetate	2.957	43	20378	4.921	ug/L	96
16) Methylene chloride	3.047	84	44020	4.438	ug/L	96
17) Methyl tert-butyl Ether	3.366	73	105716	4.636	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	40894	4.895	ug/L	97
19) 1,1-Dichloroethane	3.871	63	81358	4.939	ug/L	100
21) 2-Butanone	4.716	43	146053	49.470	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	45898	4.913	ug/L	97
23) Bromochloromethane	4.977	128	20295	5.075	ug/L	93
25) Chloroform	5.092	83	82981	5.019	ug/L	97

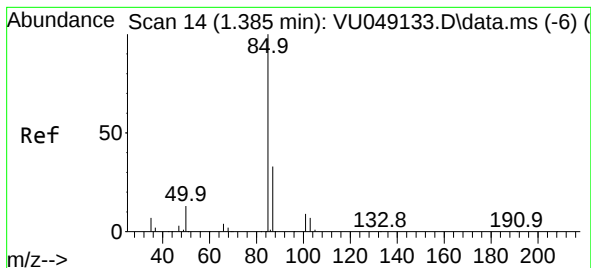
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
 Data File : VU049236.D
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Instrument :
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 ClientSampleId :

Quant Time: Jun 18 04:06:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 02:27:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	51791	4.756	ug/L	99
29) 1,1,1-Trichloroethane	5.317	97	71571	4.841	ug/L	99
30) Cyclohexane	5.388	56	77795	4.629	ug/L	98
31) Carbon tetrachloride	5.526	117	59871	4.836	ug/L	99
33) Benzene	5.774	78	183488	4.984	ug/L	100
34) Trichloroethene	6.542	95	47618	5.060	ug/L	97
35) Methylcyclohexane	6.764	83	77490	4.910	ug/L	100
37) 1,2-Dichloropropane	6.793	63	50081	4.951	ug/L	100
38) Bromodichloromethane	7.108	83	59999	4.852	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	71764	4.667	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	346315	46.081	ug/L	99
42) Toluene	7.970	91	194051	4.971	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	58805	4.403	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	33343	4.728	ug/L	97
47) Tetrachloroethene	8.555	164	33784	5.206	ug/L	99
48) 2-Hexanone	8.687	43	246193	45.896	ug/L	99
49) Dibromochloromethane	8.809	129	38277	4.758	ug/L	99
50) 1,2-Dibromoethane	8.925	107	31797	4.864	ug/L	97
51) Chlorobenzene	9.449	112	119023	5.007	ug/L	99
52) Ethylbenzene	9.571	91	209001	4.902	ug/L	99
53) m,p-Xylene	9.693	106	79739	5.033	ug/L	99
54) o-Xylene	10.102	106	76927	4.897	ug/L	100
55) Styrene	10.115	104	130441	4.958	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	44097	4.725	ug/L	99
59) Bromoform	10.292	173	21141	4.403	ug/L	96
60) Isopropylbenzene	10.484	105	205120	4.711	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	31862	4.443	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	179481	4.670	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	175030	4.597	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	92894	4.985	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	90227	4.899	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	86238	4.864	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	7264	3.716	ug/L	88
69) 1,3,5-Trichlorobenzene	13.221	180	72834	5.212	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	61123	5.503	ug/L	100
71) Naphthalene	14.086	128	113534	5.143	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	55806	5.343	ug/L	99

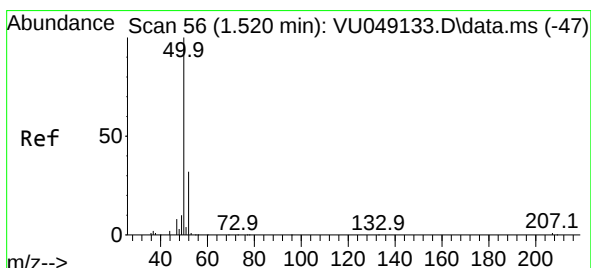
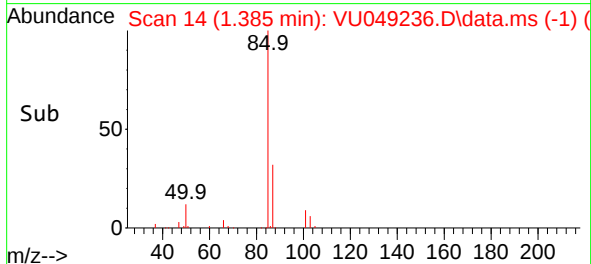
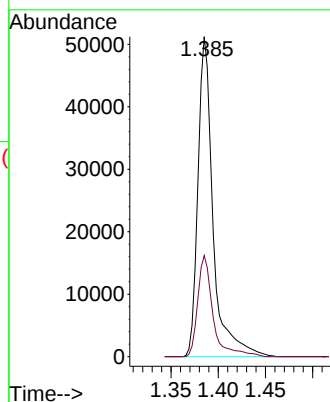
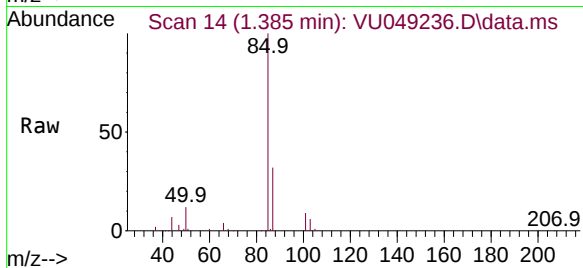
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#2
Dichlorodifluoromethane
Concen: 4.977 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049236.D
Acq: 17 Jun 2022 10:31

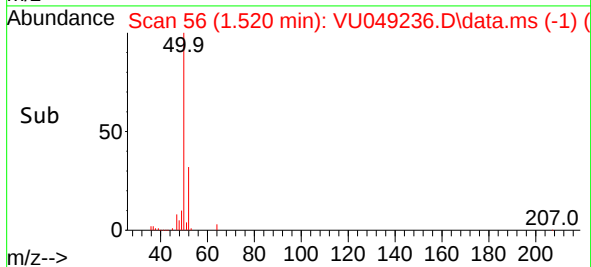
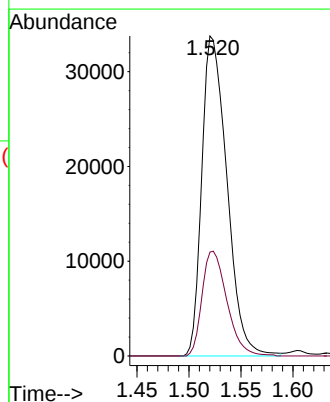
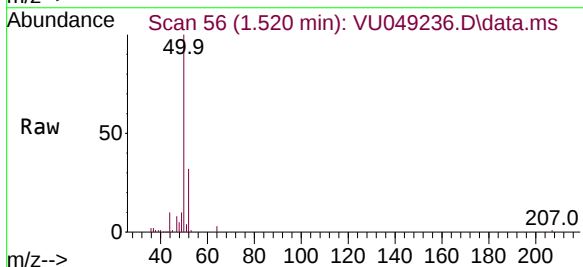
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MSVOA_U
ClientSampleId :

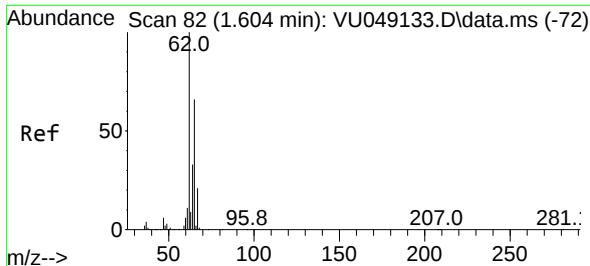
Tgt Ion: 85 Resp: 56975
Ion Ratio Lower Upper
85 100
87 32.0 25.5 38.3



#3
Chloromethane
Concen: 4.518 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU049236.D
Acq: 17 Jun 2022 10:31

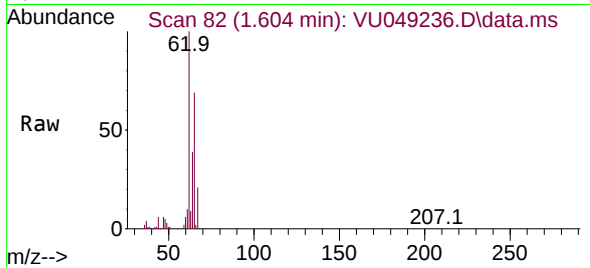
Tgt Ion: 50 Resp: 56772
Ion Ratio Lower Upper
50 100
52 32.5 22.7 42.1



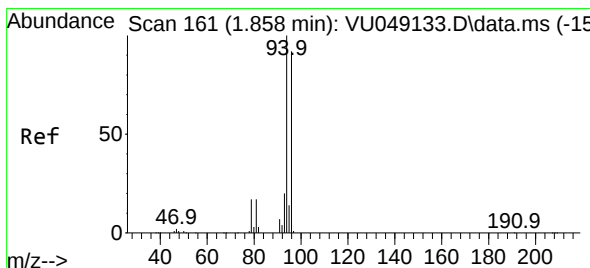
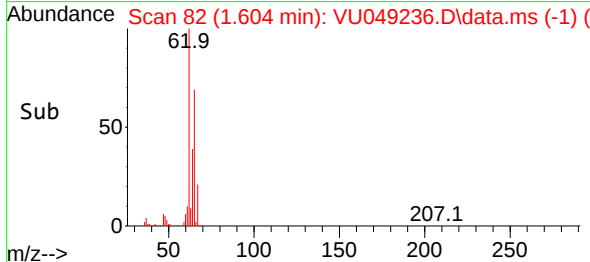
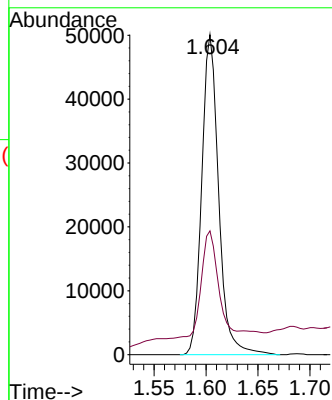


#5
 Vinyl chloride
 Concen: 5.027 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU049236.D
 Acq: 17 Jun 2022 10:31

Instrument :
 MSVOA_U
 ClientSampleId :

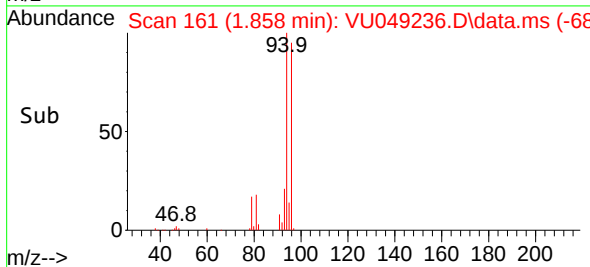
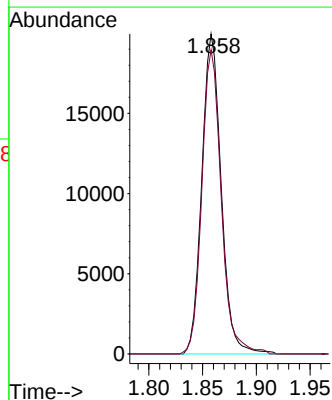
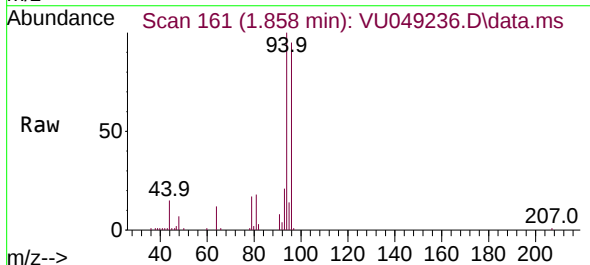


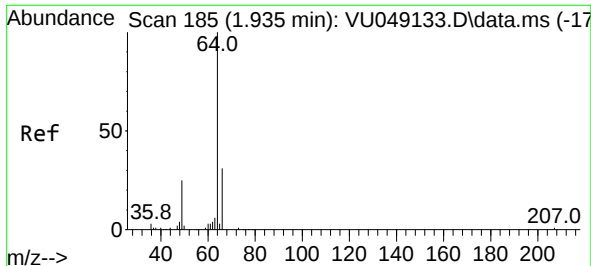
Tgt Ion: 62 Resp: 56668
 Ion Ratio Lower Upper
 62 100
 64 38.7 22.8 42.4



#6
 Bromomethane
 Concen: 4.033 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU049236.D
 Acq: 17 Jun 2022 10:31

Tgt Ion: 94 Resp: 25016
 Ion Ratio Lower Upper
 94 100
 96 95.0 66.4 123.4

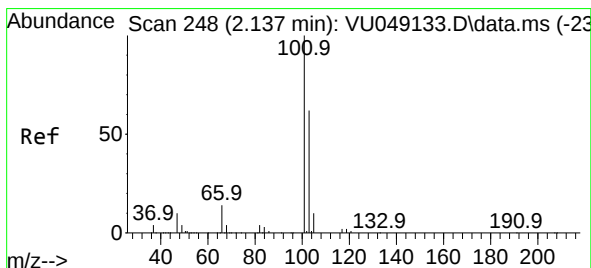
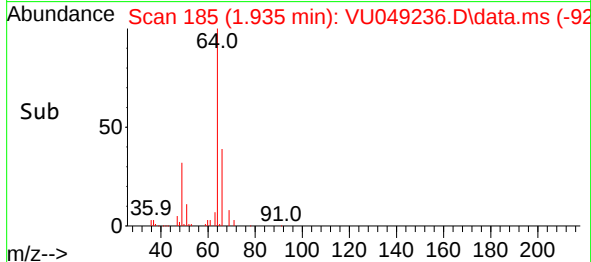
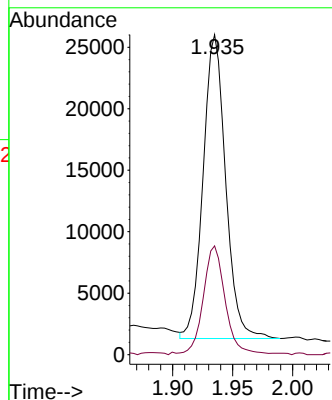
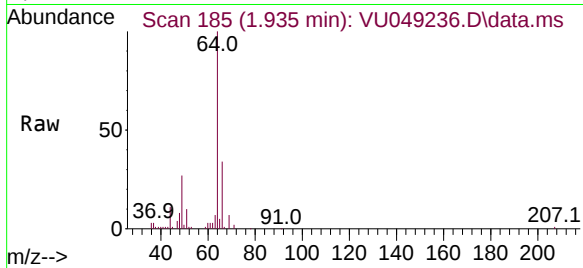




#8
Chloroethane
Concen: 4.967 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU049236.D
Acq: 17 Jun 2022 10:31

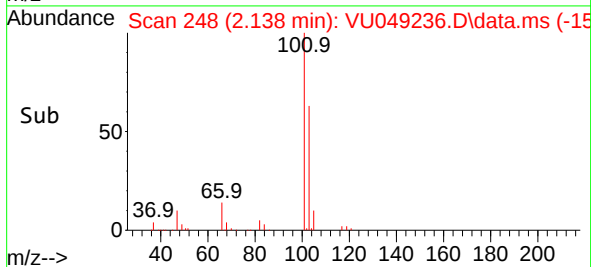
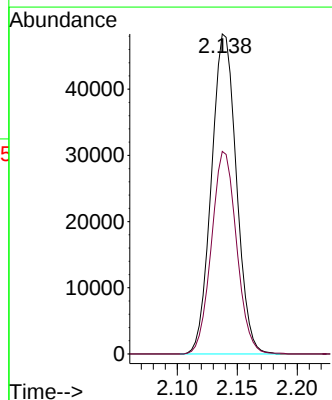
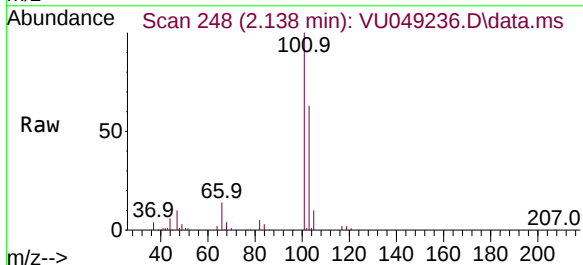
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MSVOA_U
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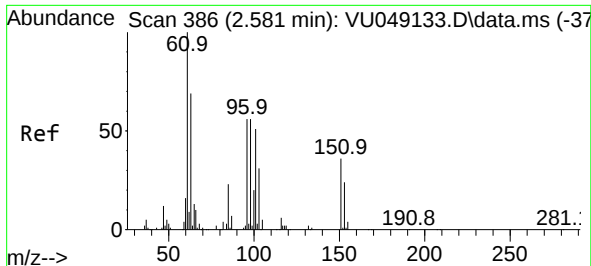
Tgt Ion: 64 Resp: 32413
Ion Ratio Lower Upper
64 100
66 34.0 20.9 38.9



#9
Trichlorofluoromethane
Concen: 5.351 ug/L
RT: 2.138 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU049236.D
Acq: 17 Jun 2022 10:31

Tgt Ion: 101 Resp: 70003
Ion Ratio Lower Upper
101 100
103 63.7 53.5 80.3

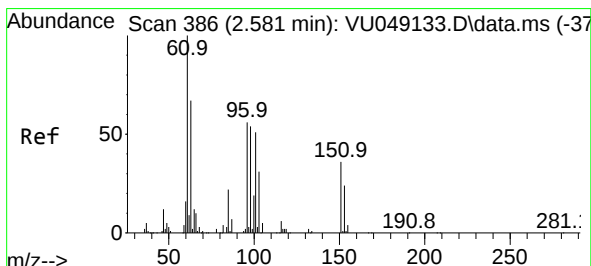
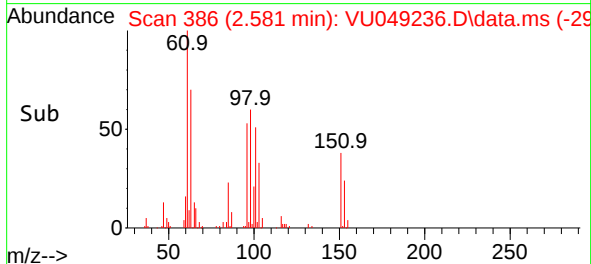
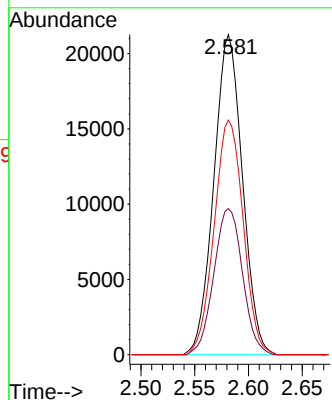
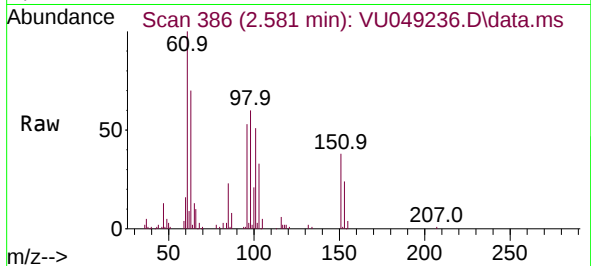




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.078 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU049236.D
 Acq: 17 Jun 2022 10:31

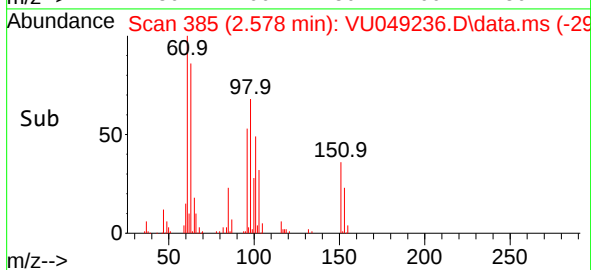
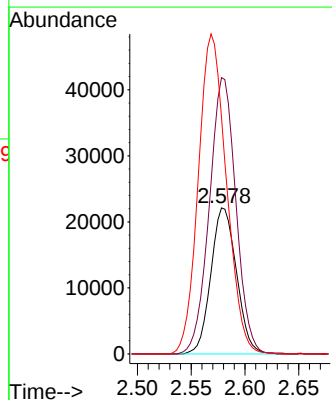
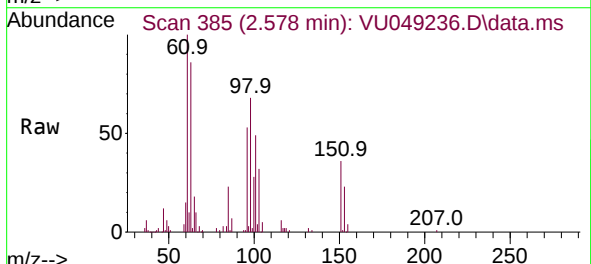
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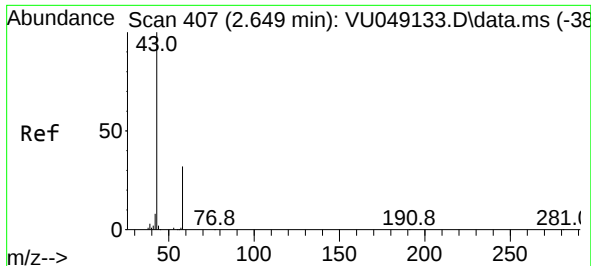
Tgt Ion:101 Resp: 39327
 Ion Ratio Lower Upper
 101 100
 85 45.8 36.1 54.1
 151 74.4 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 4.864 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU049236.D
 Acq: 17 Jun 2022 10:31

Tgt Ion: 96 Resp: 36670
 Ion Ratio Lower Upper
 96 100
 61 189.2 127.2 236.2
 63 162.3 94.7 175.9





#13

Acetone

Concen: 51.700 ug/L

RT: 2.649 min Scan# 407

Delta R.T. -0.000 min

Lab File: VU049236.D

Acq: 17 Jun 2022 10:31

Instrument :

MSVOA_U

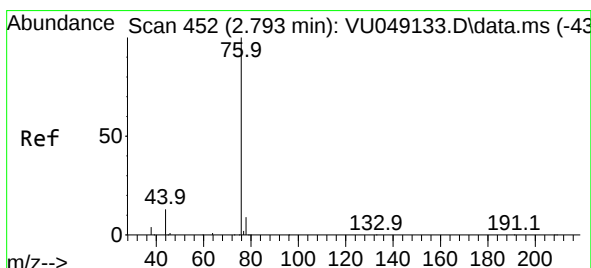
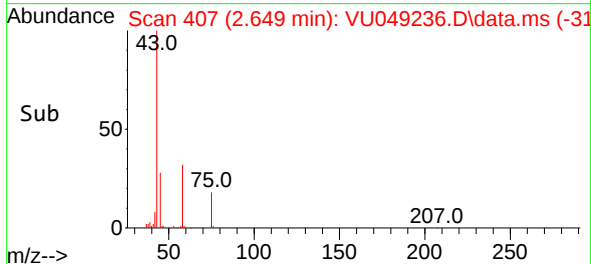
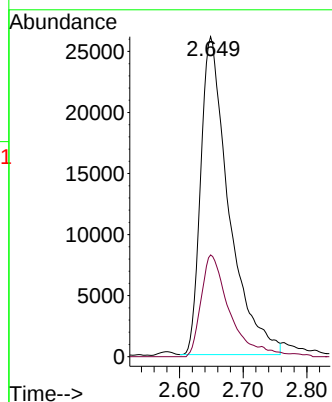
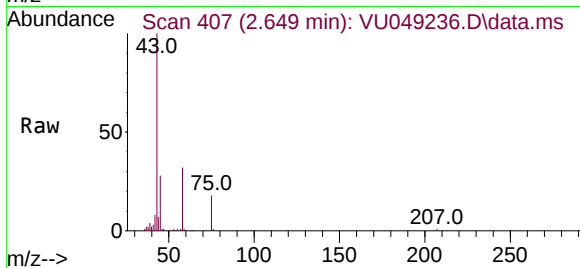
ClientSampleId :

Tgt Ion: 43 Resp: 80048

Ion Ratio Lower Upper

43 100

58 32.4 0.0 65.8



#14

Carbon disulfide

Concen: 4.995 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU049236.D

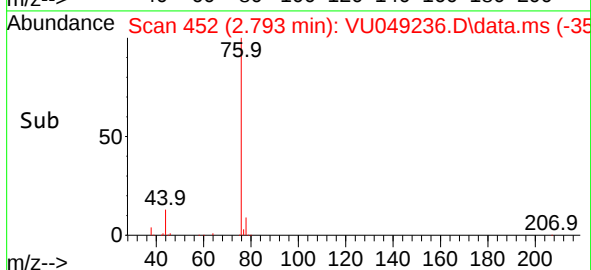
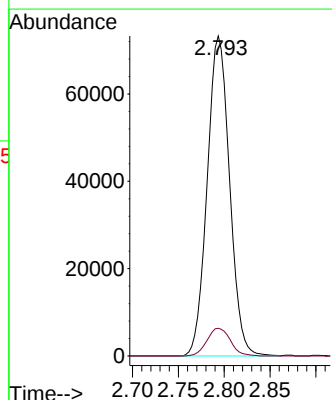
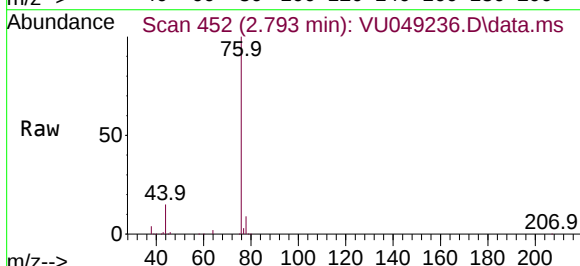
Acq: 17 Jun 2022 10:31

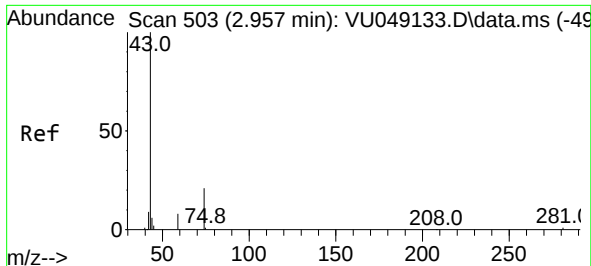
Tgt Ion: 76 Resp: 124388

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3

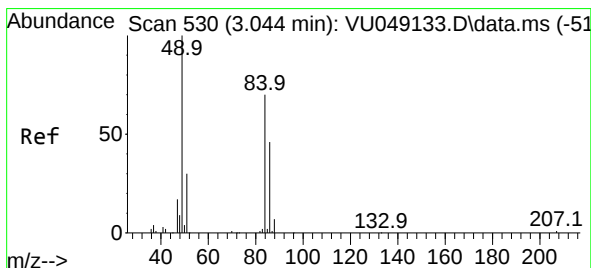
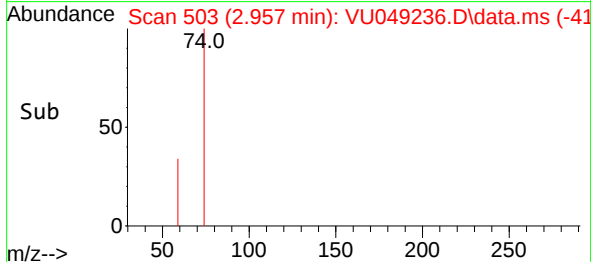
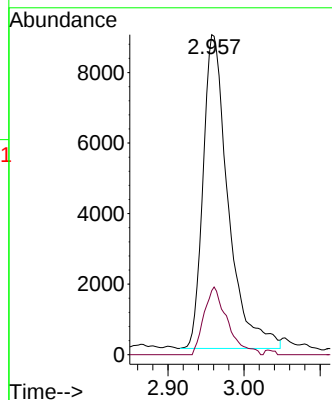
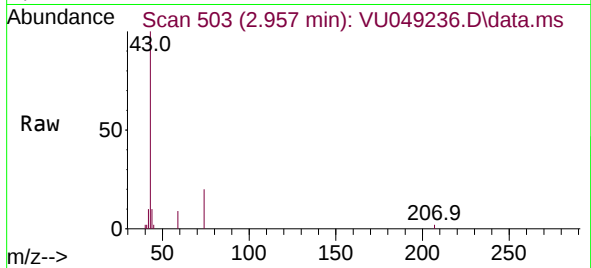




#15
Methyl Acetate
Concen: 4.921 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU049236.D
Acq: 17 Jun 2022 10:31

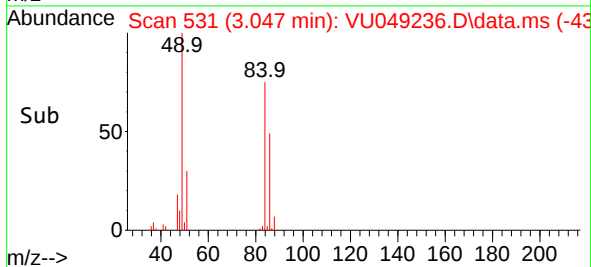
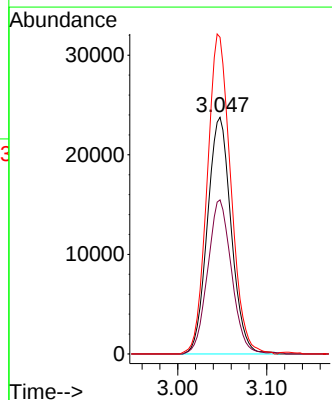
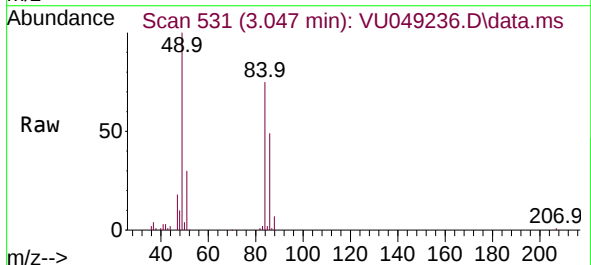
Instrument :
MSVOA_U
ClientSampleId :

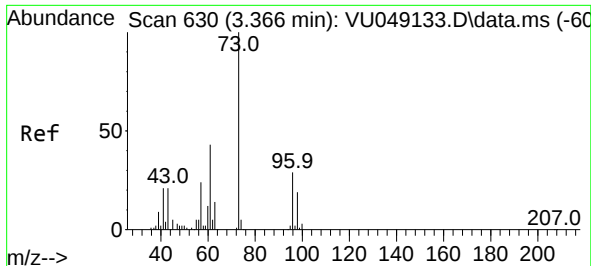
Tgt Ion: 43 Resp: 20378
Ion Ratio Lower Upper
43 100
74 20.1 17.6 26.4



#16
Methylene chloride
Concen: 4.438 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU049236.D
Acq: 17 Jun 2022 10:31

Tgt Ion: 84 Resp: 44020
Ion Ratio Lower Upper
84 100
86 65.1 43.6 81.0
49 133.8 90.2 167.6

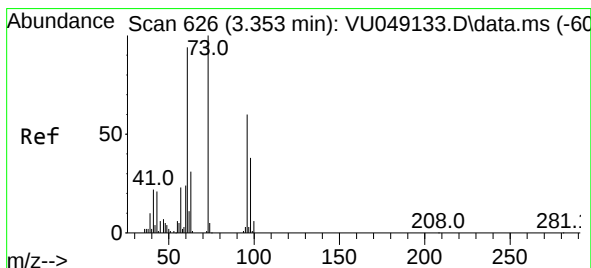
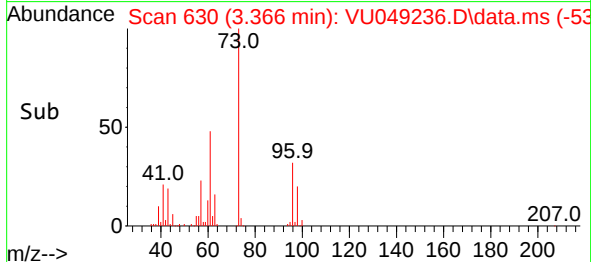
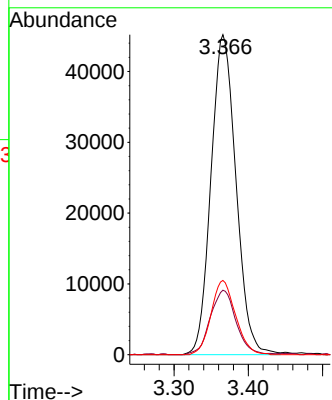
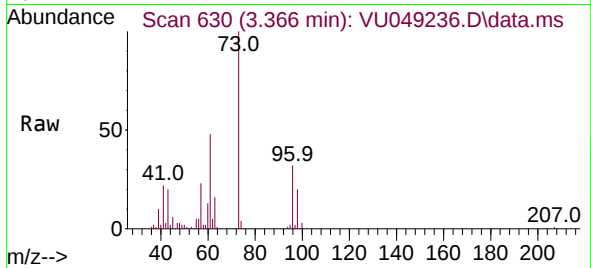




#17
Methyl tert-butyl Ether
Concen: 4.636 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU049236.D
Acq: 17 Jun 2022 10:31

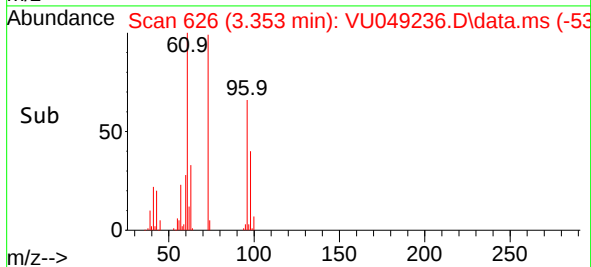
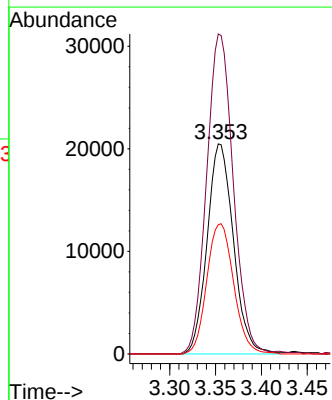
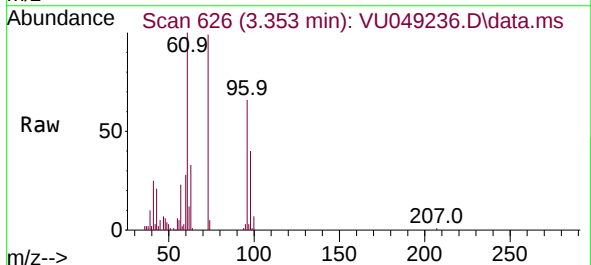
Instrument :
MSVOA_U
ClientSampleId :

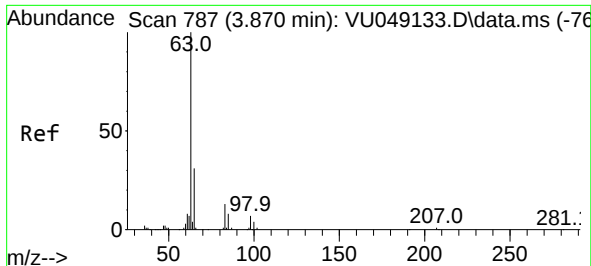
Tgt Ion: 73 Resp: 105716
Ion Ratio Lower Upper
73 100
43 20.7 16.5 24.7
57 22.7 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 4.895 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.003 min
Lab File: VU049236.D
Acq: 17 Jun 2022 10:31

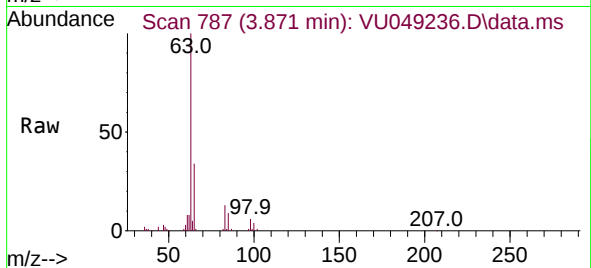
Tgt Ion: 96 Resp: 40894
Ion Ratio Lower Upper
96 100
61 152.3 103.3 191.9
98 61.5 44.0 81.8



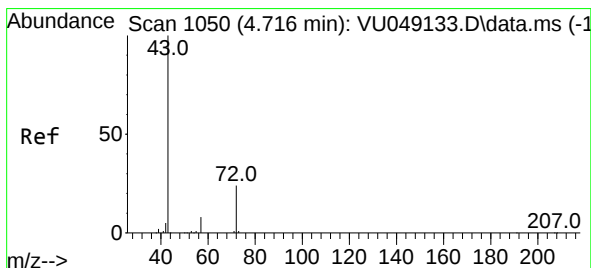
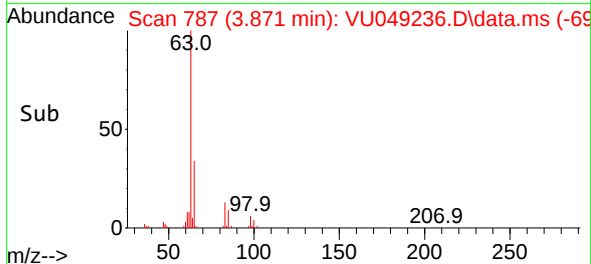
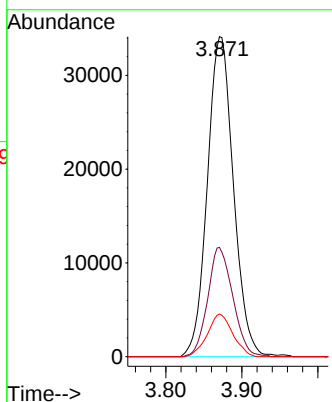


#19
1,1-Dichloroethane
Concen: 4.939 ug/L
RT: 3.871 min Scan# 787
Delta R.T. -0.003 min
Lab File: VU049236.D
Acq: 17 Jun 2022 10:31

Instrument :
MSVOA_U
ClientSampleId :

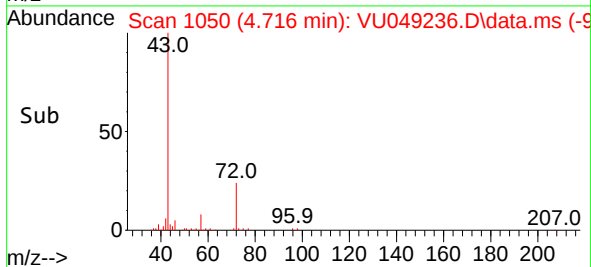
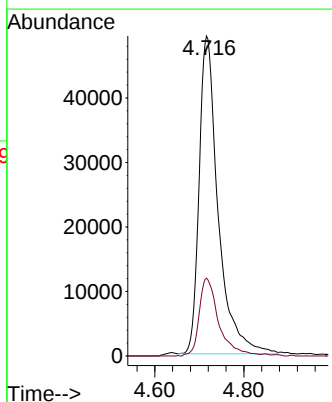
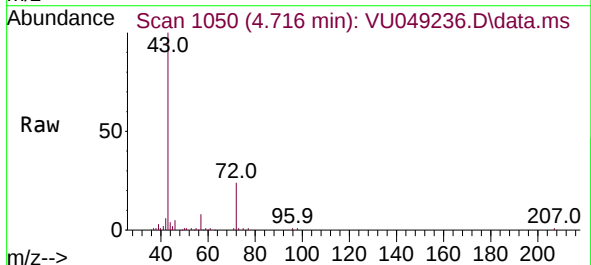


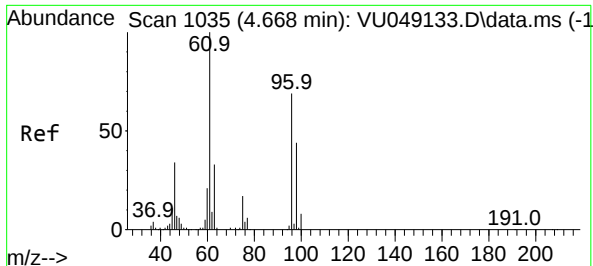
Tgt Ion: 63 Resp: 81358
Ion Ratio Lower Upper
63 100
65 34.2 24.0 44.6
83 13.3 9.1 16.9



#21
2-Butanone
Concen: 49.470 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU049236.D
Acq: 17 Jun 2022 10:31

Tgt Ion: 43 Resp: 146053
Ion Ratio Lower Upper
43 100
72 25.1 12.2 36.6





#22

cis-1,2-Dichloroethene

Concen: 4.913 ug/L

RT: 4.671 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU049236.D

Acq: 17 Jun 2022 10:31

Instrument :

MSVOA_U

ClientSampleId :

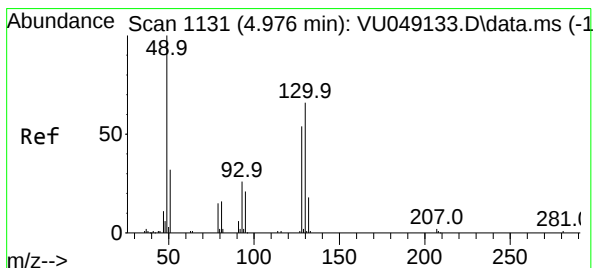
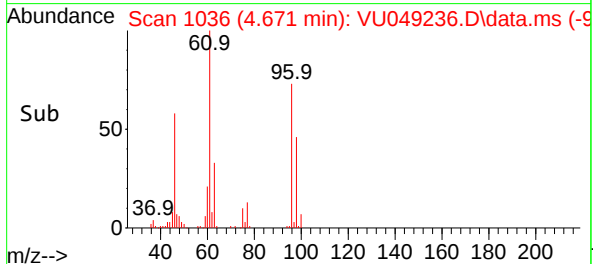
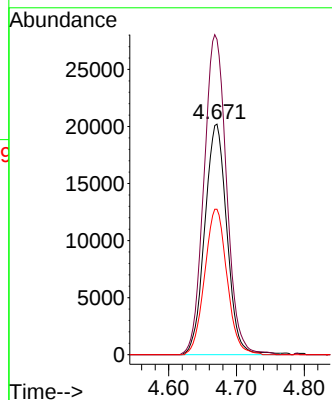
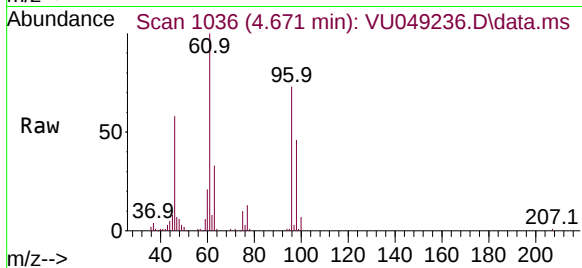
Tgt Ion: 96 Resp: 45898

Ion Ratio Lower Upper

96 100

61 136.7 99.5 184.9

98 63.1 44.8 83.2



#23

Bromochloromethane

Concen: 5.075 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VU049236.D

Acq: 17 Jun 2022 10:31

Tgt Ion:128 Resp: 20295

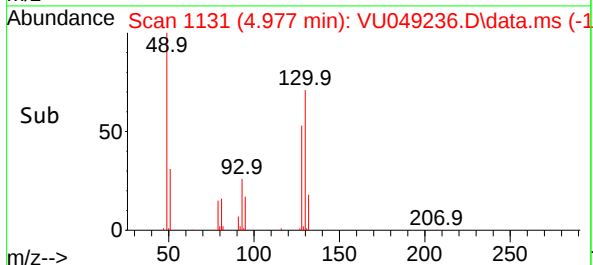
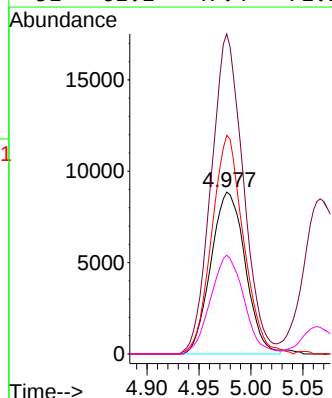
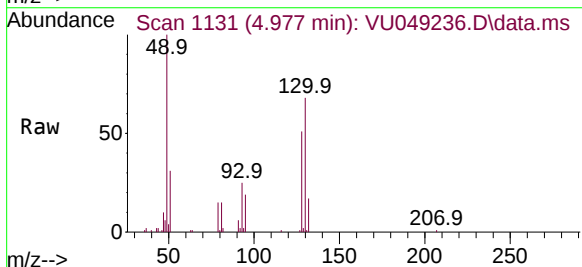
Ion Ratio Lower Upper

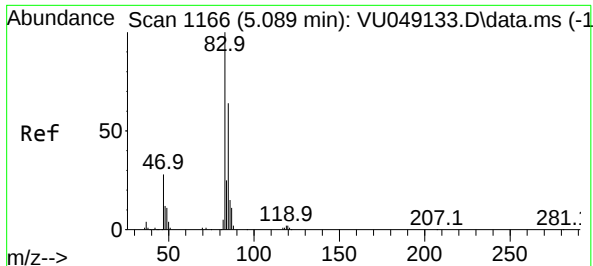
128 100

49 197.6 131.6 244.4

130 135.0 86.9 161.5

51 61.1 47.4 71.2





#25

Chloroform

Concen: 5.019 ug/L

RT: 5.092 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU049236.D

Acq: 17 Jun 2022 10:31

Instrument :

MSVOA_U

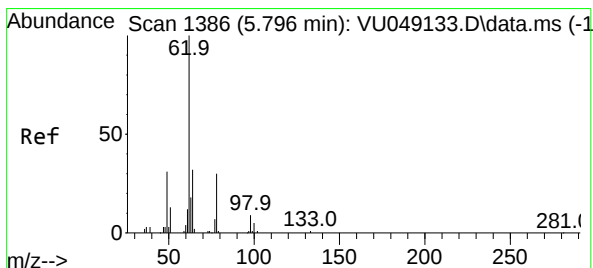
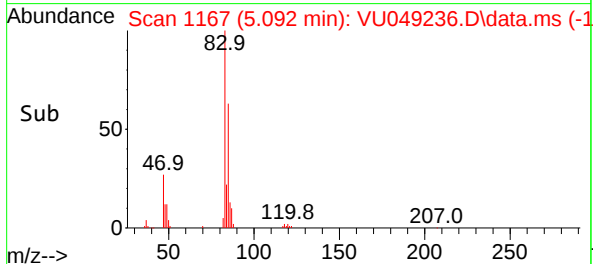
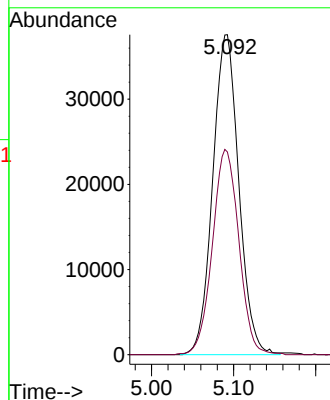
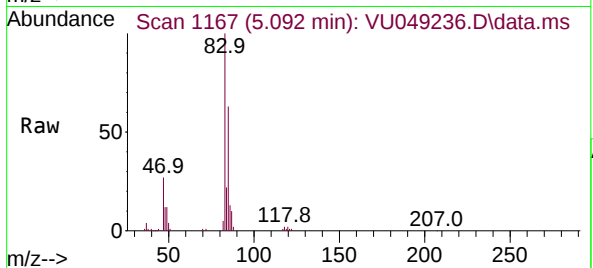
ClientSampleId :

Tgt Ion: 83 Resp: 82981

Ion Ratio Lower Upper

83 100

85 63.3 45.8 85.2



#27

1,2-Dichloroethane

Concen: 4.756 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU049236.D

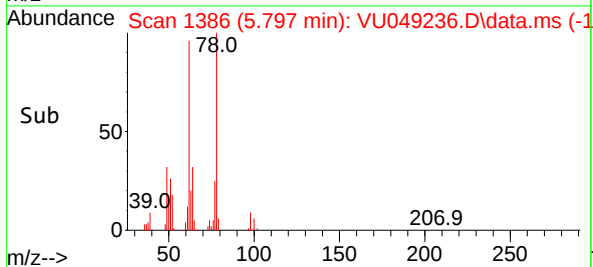
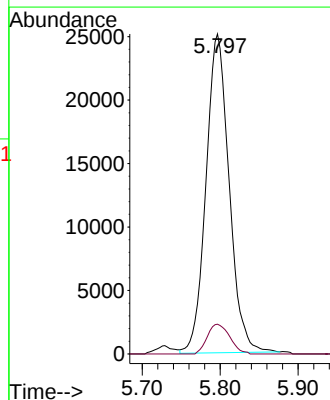
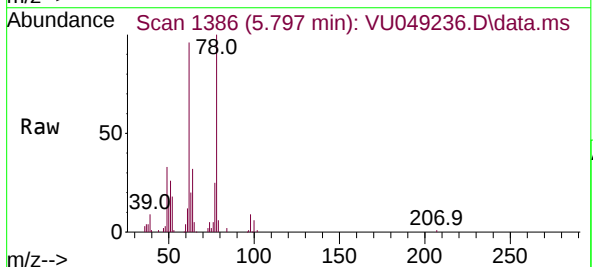
Acq: 17 Jun 2022 10:31

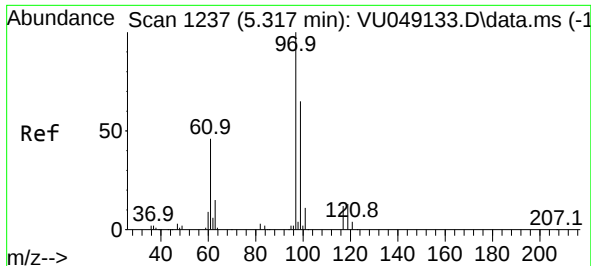
Tgt Ion: 62 Resp: 51791

Ion Ratio Lower Upper

62 100

98 9.3 7.6 11.4





#29

1,1,1-Trichloroethane

Concen: 4.841 ug/L

RT: 5.317 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049236.D

Acq: 17 Jun 2022 10:31

Instrument :

MSVOA_U

ClientSampleId :

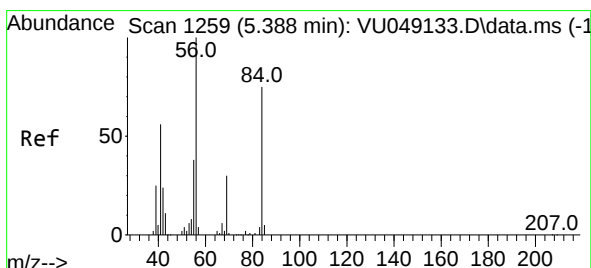
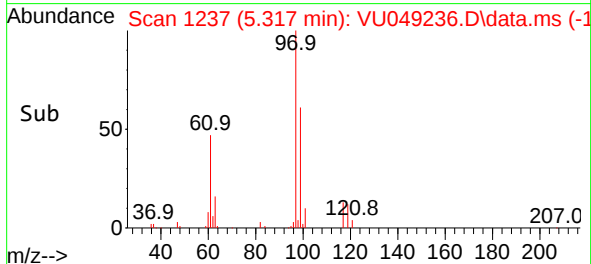
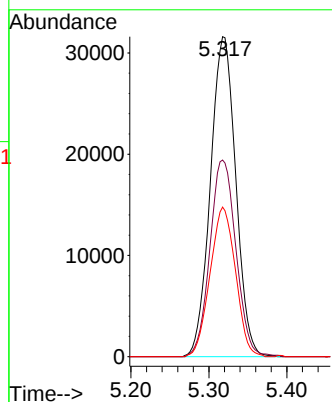
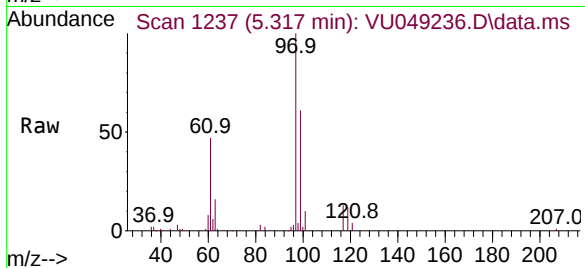
Tgt Ion: 97 Resp: 71571

Ion Ratio Lower Upper

97 100

99 63.1 51.0 76.4

61 46.8 36.2 54.4



#30

Cyclohexane

Concen: 4.629 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU049236.D

Acq: 17 Jun 2022 10:31

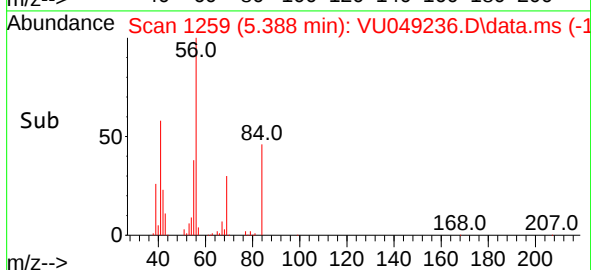
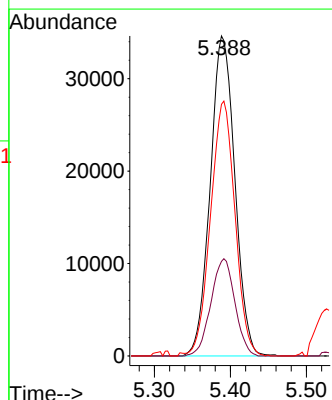
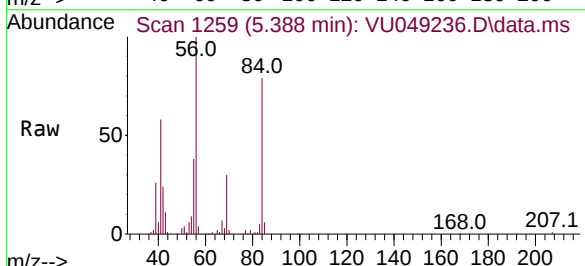
Tgt Ion: 56 Resp: 77795

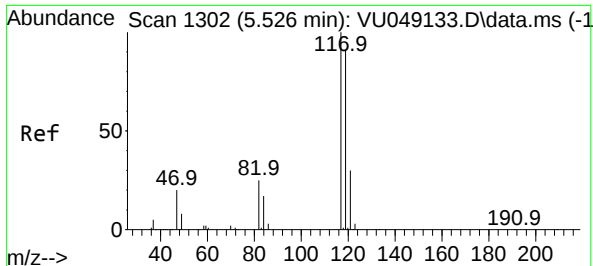
Ion Ratio Lower Upper

56 100

69 29.6 23.8 35.6

84 79.3 61.2 91.8

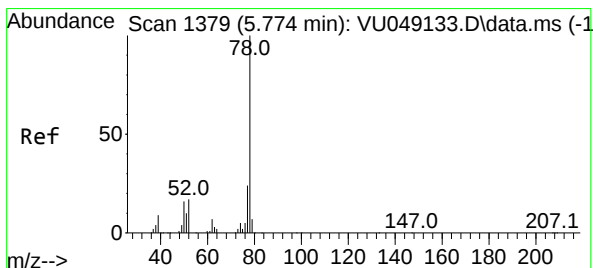
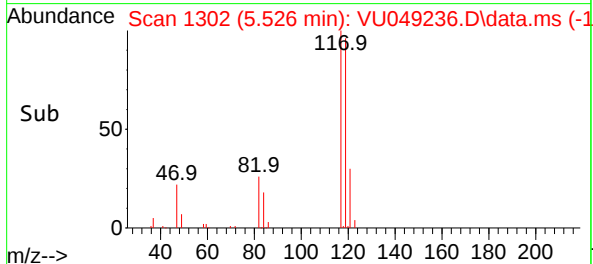
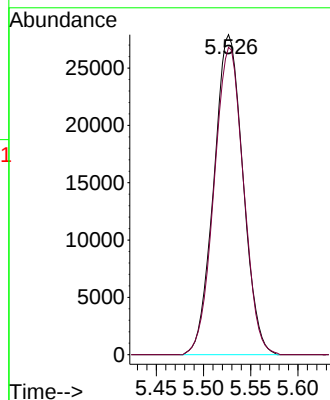
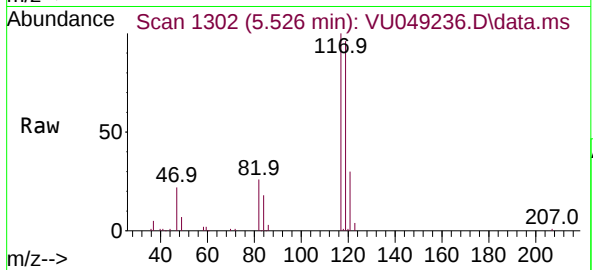




#31
Carbon tetrachloride
Concen: 4.836 ug/L
RT: 5.526 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VU049236.D
Acq: 17 Jun 2022 10:31

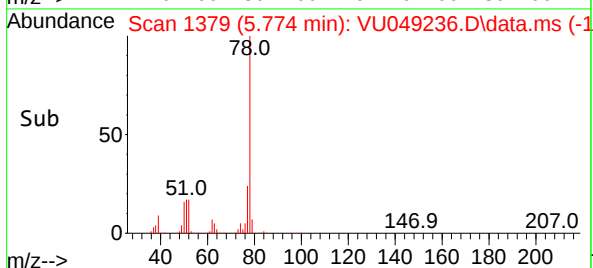
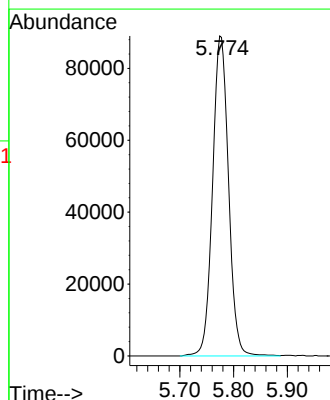
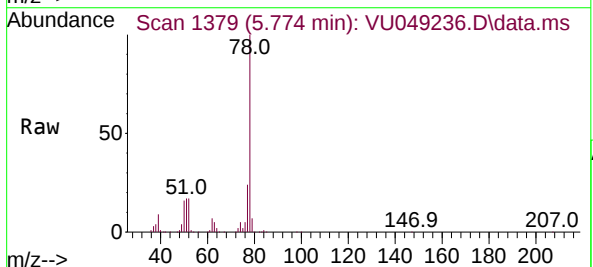
Instrument : MSVOA_U
ClientSampleId :

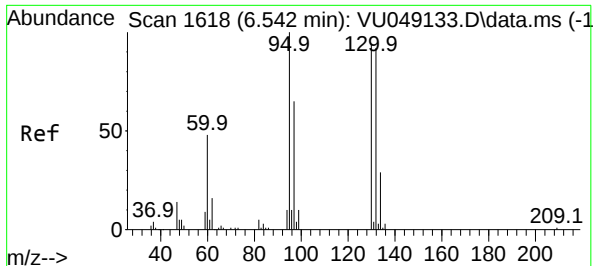
Tgt Ion:117 Resp: 59871
Ion Ratio Lower Upper
117 100
119 96.7 78.3 117.5



#33
Benzene
Concen: 4.984 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU049236.D
Acq: 17 Jun 2022 10:31

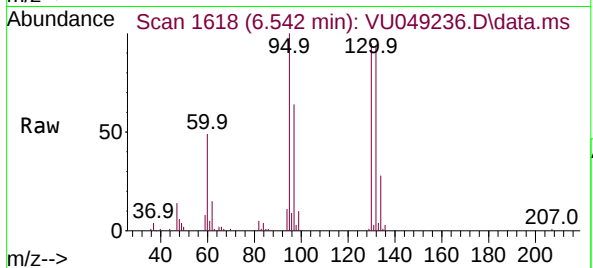
Tgt Ion: 78 Resp: 183488



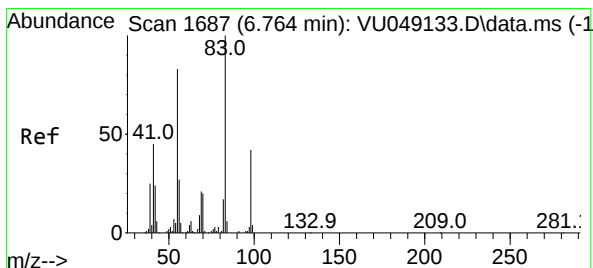
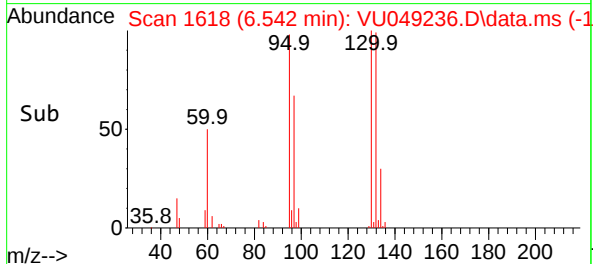
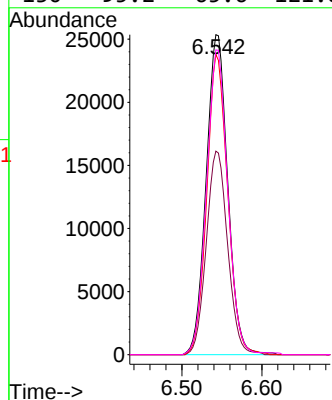


#34
Trichloroethene
Concen: 5.060 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049236.D
Acq: 17 Jun 2022 10:31

Instrument :
MSVOA_U
ClientSampleId :

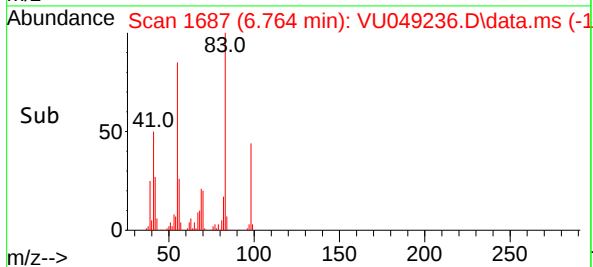
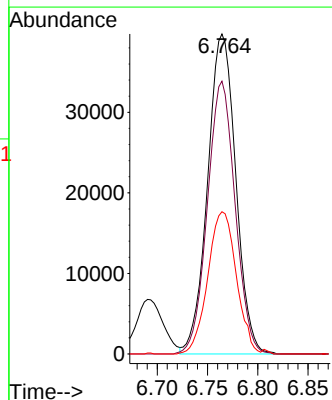
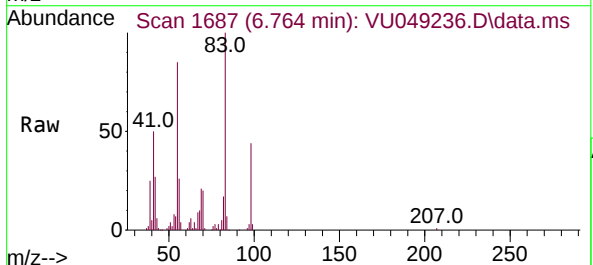


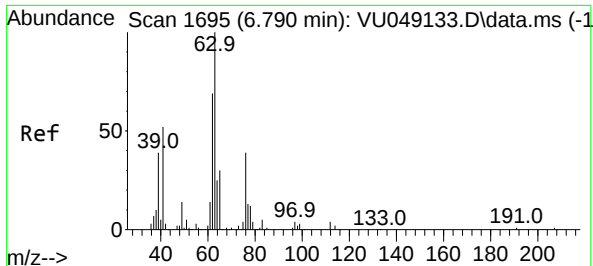
Tgt Ion: 95 Resp: 47618
Ion Ratio Lower Upper
95 100
97 63.6 45.3 84.1
132 93.8 61.5 114.3
130 95.2 65.6 121.8



#35
Methylcyclohexane
Concen: 4.910 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU049236.D
Acq: 17 Jun 2022 10:31

Tgt Ion: 83 Resp: 77490
Ion Ratio Lower Upper
83 100
55 83.9 66.9 100.3
98 45.0 35.5 53.3





#37

1,2-Dichloropropane

Concen: 4.951 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049236.D

Acq: 17 Jun 2022 10:31

Instrument :

MSVOA_U

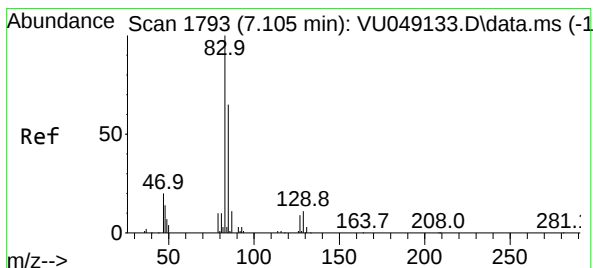
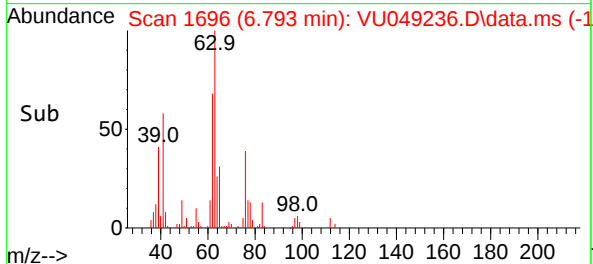
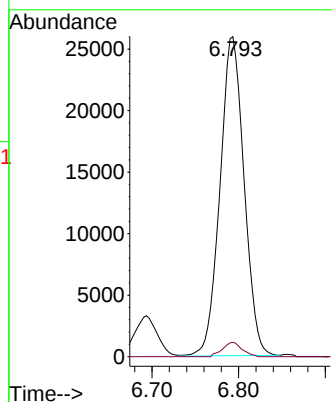
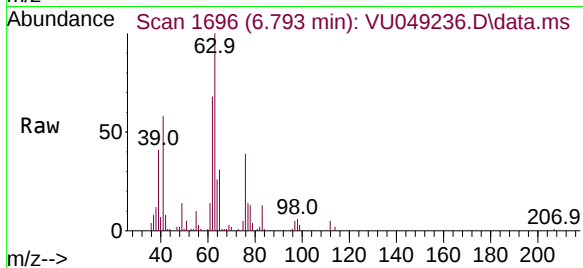
ClientSampleId :

Tgt Ion: 63 Resp: 50081

Ion Ratio Lower Upper

63 100

112 3.7 2.8 4.2



#38

Bromodichloromethane

Concen: 4.852 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU049236.D

Acq: 17 Jun 2022 10:31

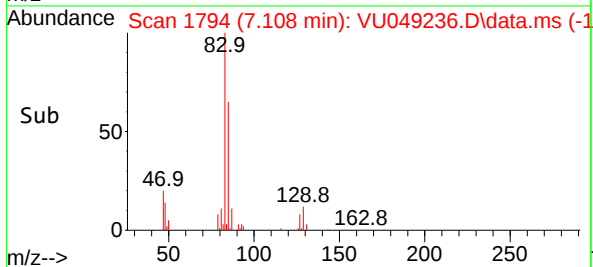
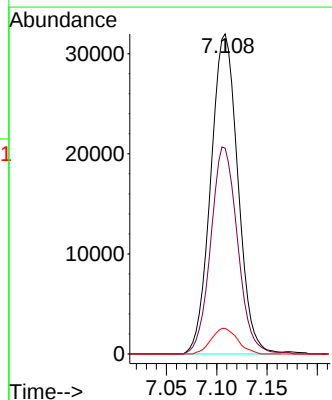
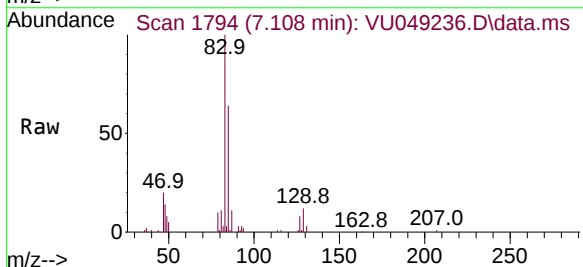
Tgt Ion: 83 Resp: 59999

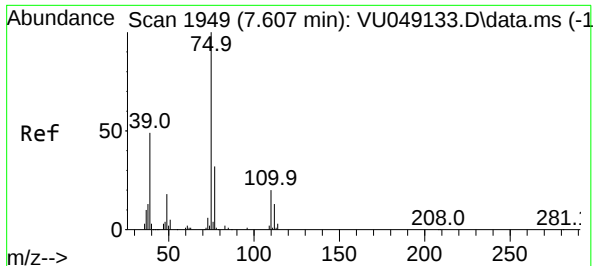
Ion Ratio Lower Upper

83 100

85 64.3 45.5 84.5

127 8.0 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 4.667 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU049236.D

Acq: 17 Jun 2022 10:31

Instrument :

MSVOA_U

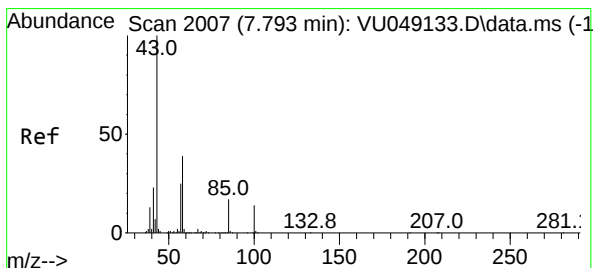
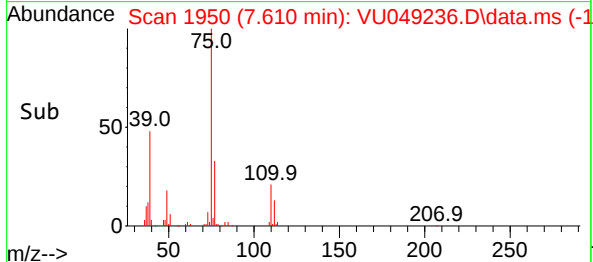
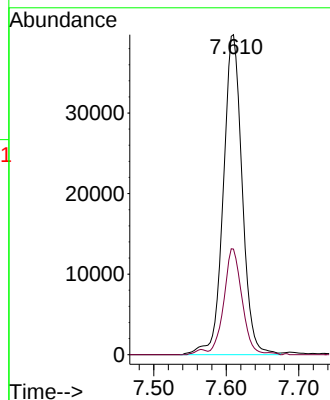
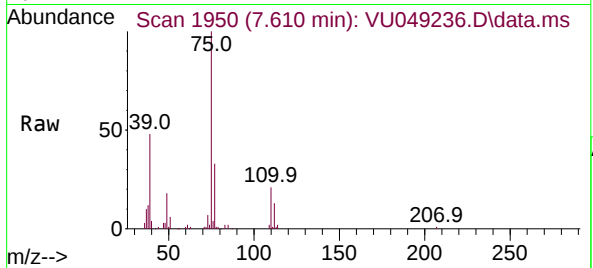
ClientSampleId :

Tgt Ion: 75 Resp: 71764

Ion Ratio Lower Upper

75 100

77 33.0 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 46.081 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU049236.D

Acq: 17 Jun 2022 10:31

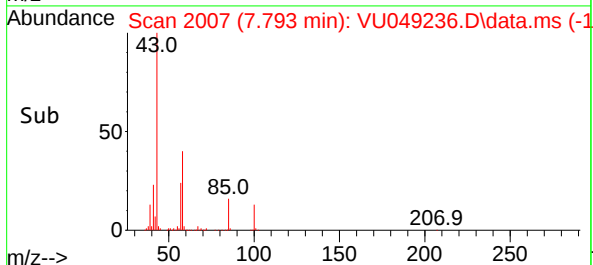
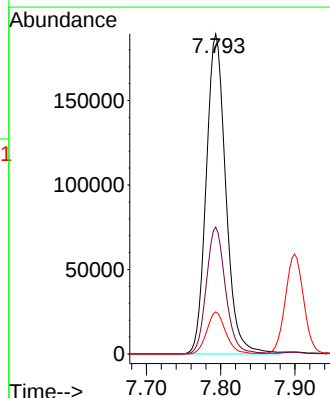
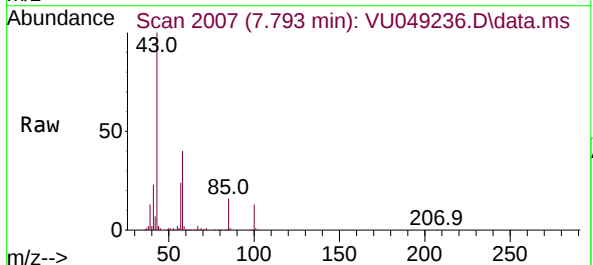
Tgt Ion: 43 Resp: 346315

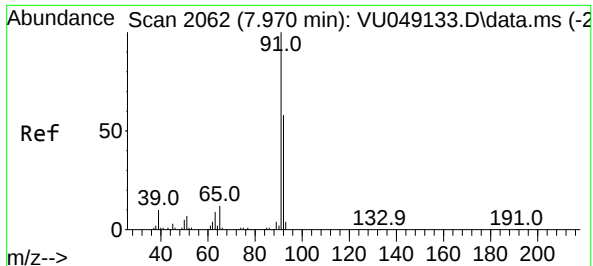
Ion Ratio Lower Upper

43 100

58 39.0 31.4 47.2

100 12.8 10.5 15.7

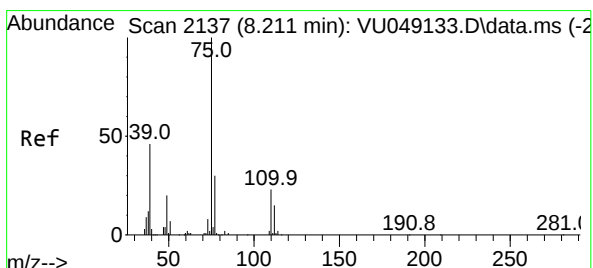
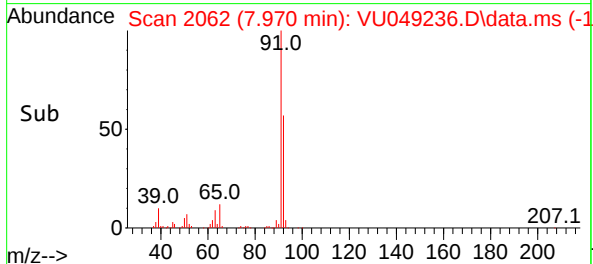
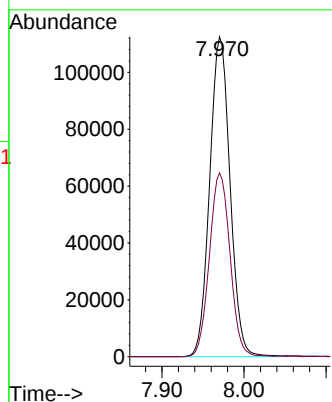
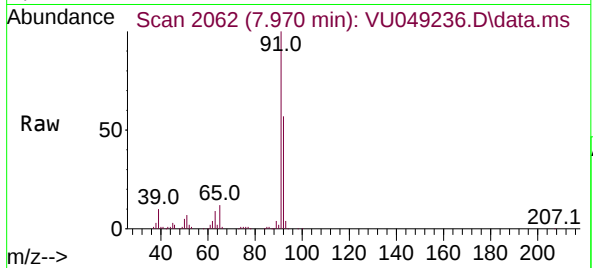




#42
Toluene
Concen: 4.971 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU049236.D
Acq: 17 Jun 2022 10:31

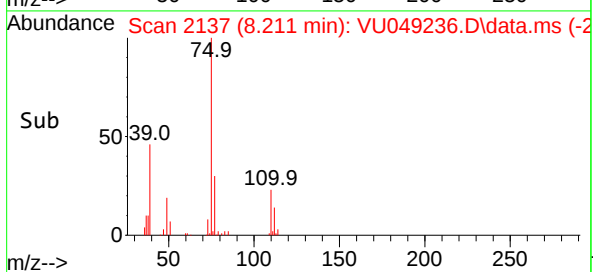
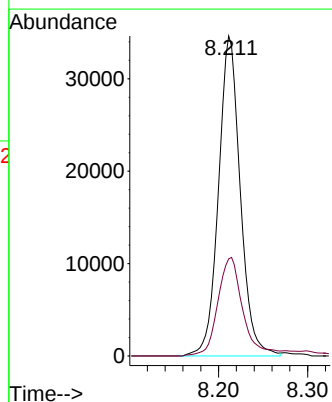
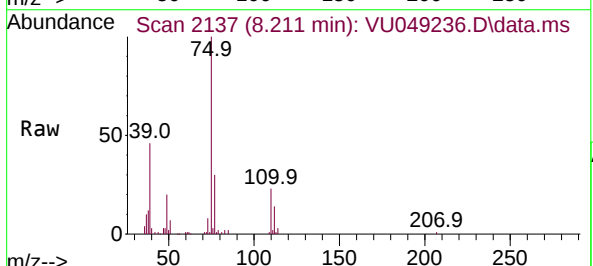
Instrument :
MSVOA_U
ClientSampleId :

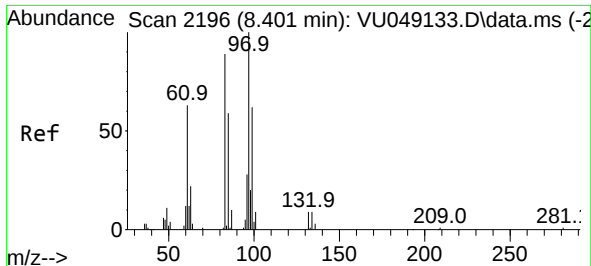
Tgt Ion: 91 Resp: 194051
Ion Ratio Lower Upper
91 100
92 57.4 40.0 74.2



#44
trans-1,3-Dichloropropene
Concen: 4.403 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU049236.D
Acq: 17 Jun 2022 10:31

Tgt Ion: 75 Resp: 58805
Ion Ratio Lower Upper
75 100
77 30.3 21.1 39.3





#45

1,1,2-Trichloroethane

Concen: 4.728 ug/L

RT: 8.401 min Scan# 2196

Delta R.T. -0.000 min

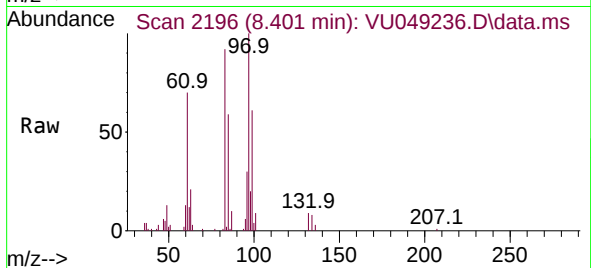
Lab File: VU049236.D

Acq: 17 Jun 2022 10:31

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 33343

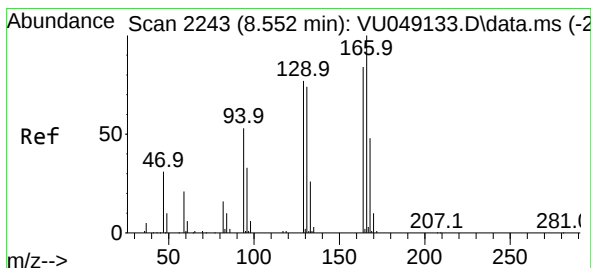
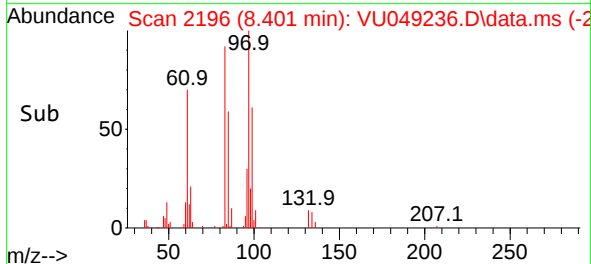
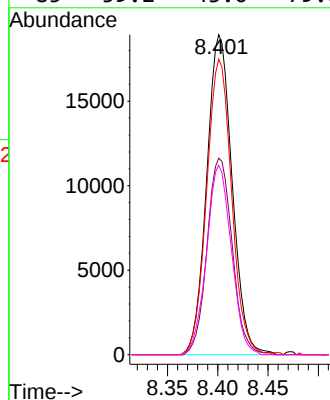
Ion Ratio Lower Upper

97 100

99 61.4 45.6 84.8

83 92.4 65.4 121.4

85 59.2 43.0 79.8



#47

Tetrachloroethene

Concen: 5.206 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU049236.D

Acq: 17 Jun 2022 10:31

Tgt Ion:164 Resp: 33784

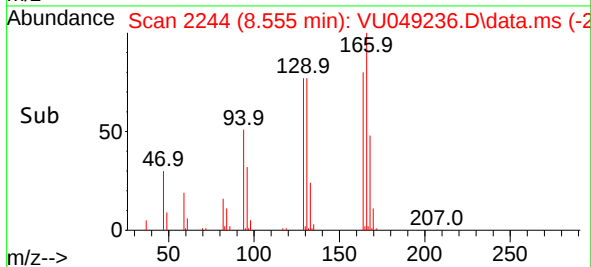
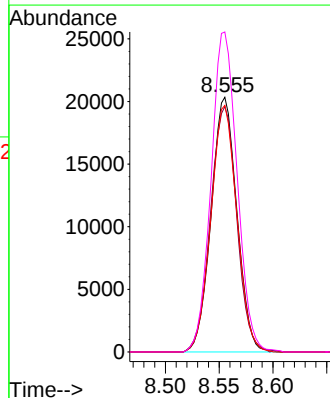
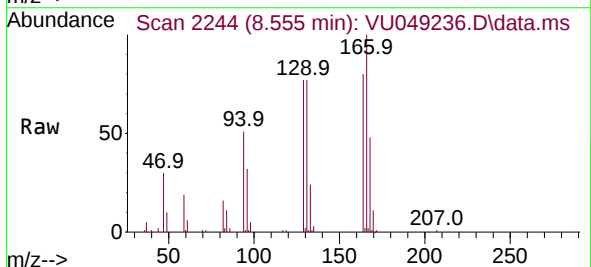
Ion Ratio Lower Upper

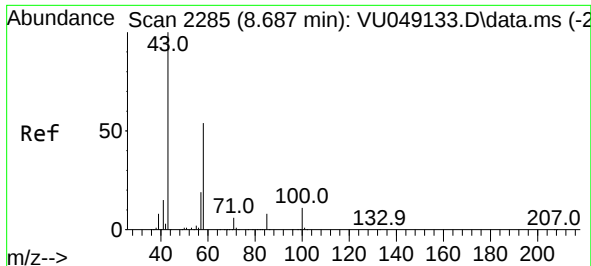
164 100

129 96.3 69.8 129.6

131 96.8 67.8 125.8

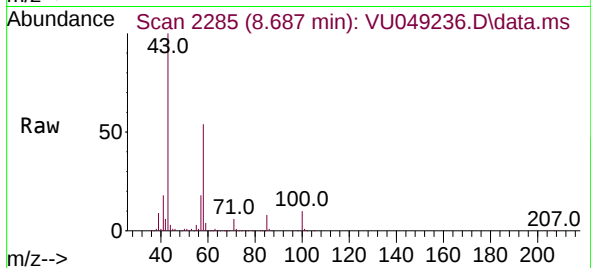
166 125.6 87.3 162.1



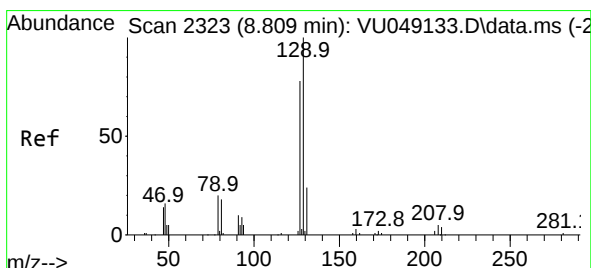
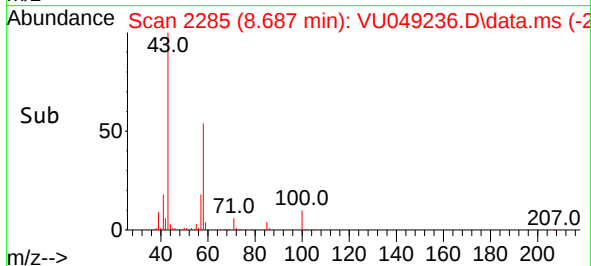
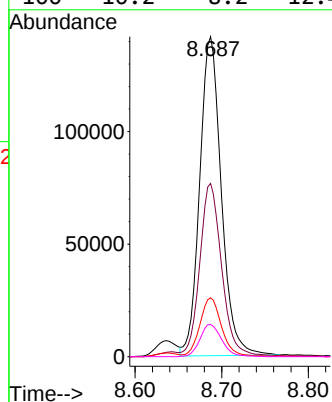


#48
2-Hexanone
Concen: 45.896 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049236.D
Acq: 17 Jun 2022 10:31

Instrument :
MSVOA_U
ClientSampleId :

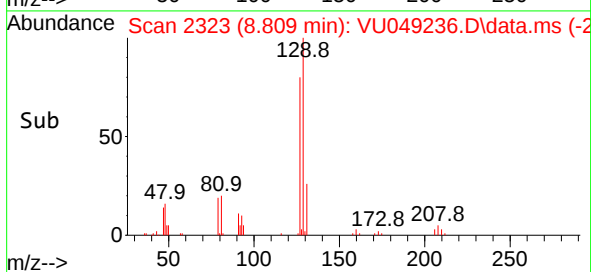
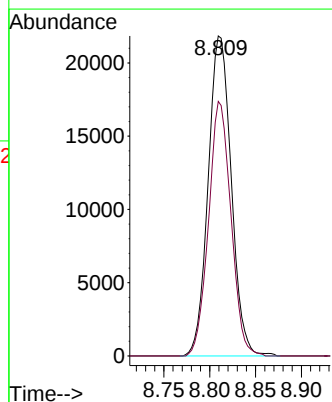
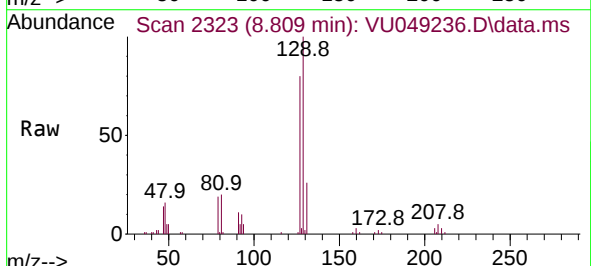


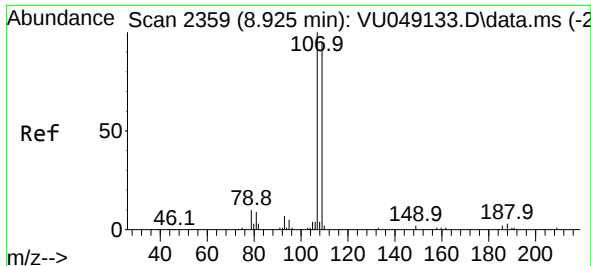
Tgt Ion: 43 Resp: 246193
Ion Ratio Lower Upper
43 100
58 54.7 43.4 65.0
57 18.4 14.9 22.3
100 10.2 8.2 12.4



#49
Dibromochloromethane
Concen: 4.758 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU049236.D
Acq: 17 Jun 2022 10:31

Tgt Ion: 129 Resp: 38277
Ion Ratio Lower Upper
129 100
127 79.6 54.9 101.9





#50

1,2-Dibromoethane

Concen: 4.864 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU049236.D

Acq: 17 Jun 2022 10:31

Instrument :

MSVOA_U

ClientSampleId :

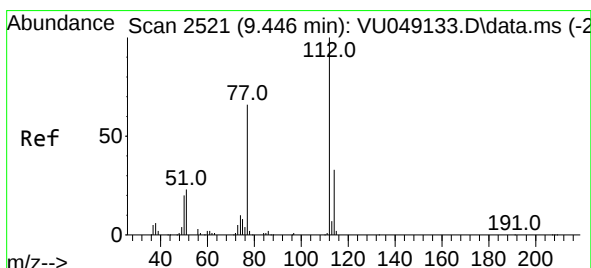
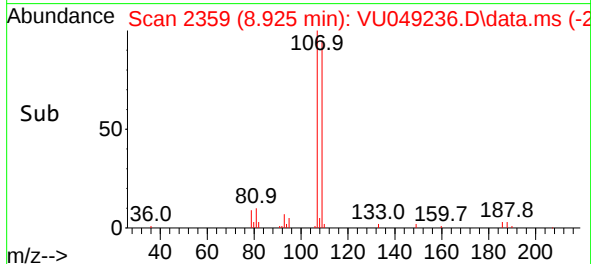
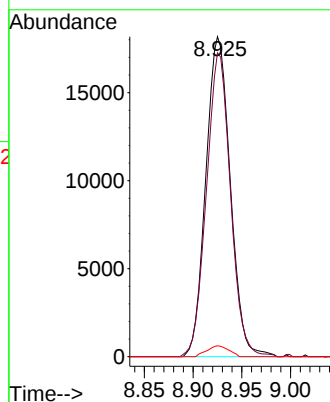
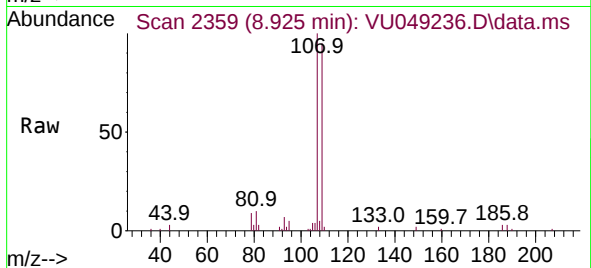
Tgt Ion:107 Resp: 31797

Ion Ratio Lower Upper

107 100

109 94.9 64.4 119.6

188 3.4 2.9 4.3



#51

Chlorobenzene

Concen: 5.007 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU049236.D

Acq: 17 Jun 2022 10:31

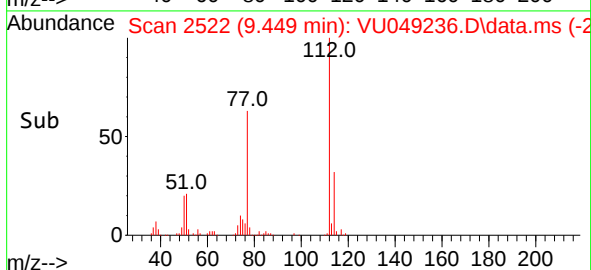
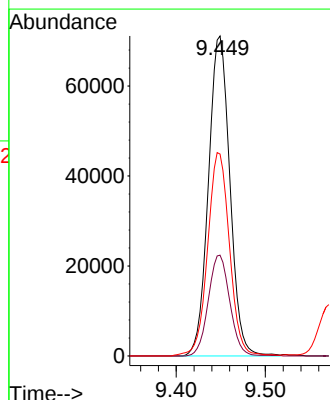
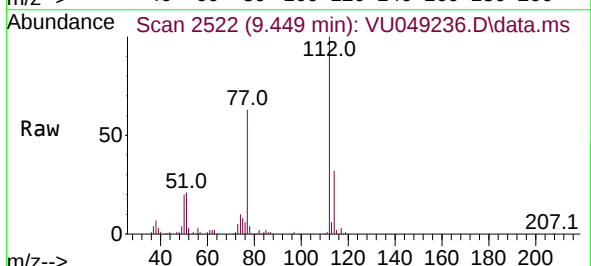
Tgt Ion:112 Resp: 119023

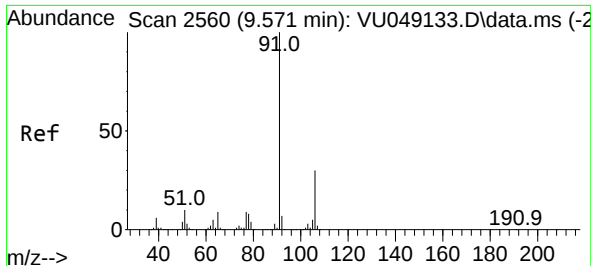
Ion Ratio Lower Upper

112 100

114 31.5 22.3 41.3

77 63.1 51.0 76.6

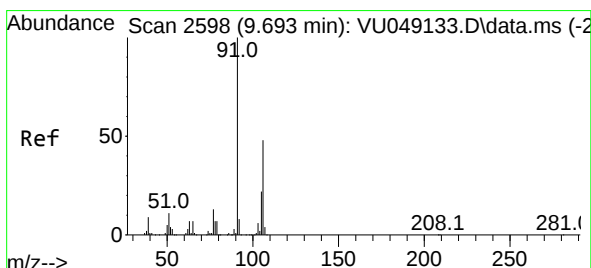
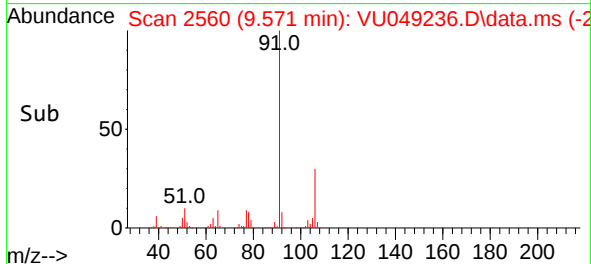
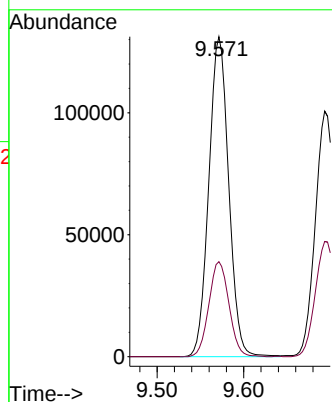
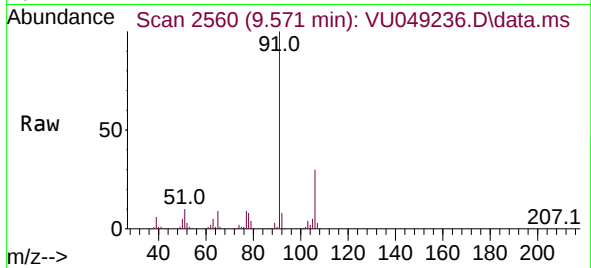




#52
Ethylbenzene
Concen: 4.902 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU049236.D
Acq: 17 Jun 2022 10:31

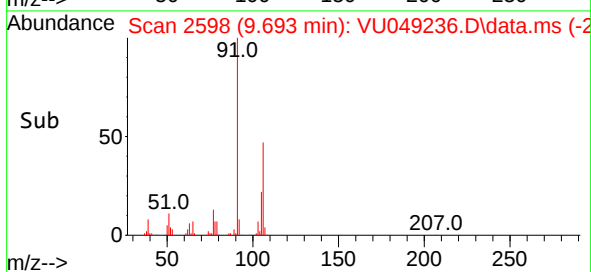
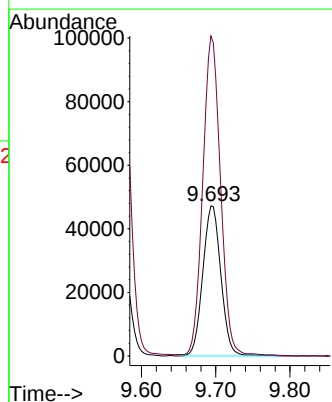
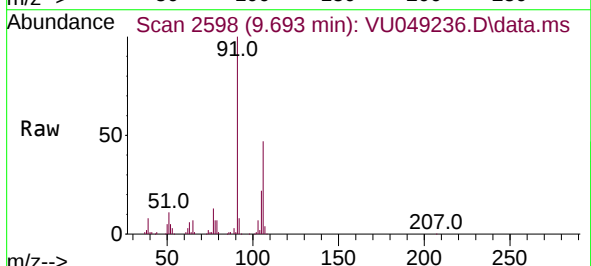
Instrument :
MSVOA_U
ClientSampleId :

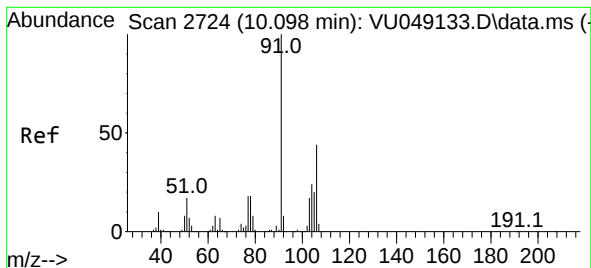
Tgt Ion: 91 Resp: 209001
Ion Ratio Lower Upper
91 100
106 29.7 21.2 39.4



#53
m,p-Xylene
Concen: 5.033 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU049236.D
Acq: 17 Jun 2022 10:31

Tgt Ion: 106 Resp: 79739
Ion Ratio Lower Upper
106 100
91 213.2 148.5 275.7





#54

o-Xylene

Concen: 4.897 ug/L

RT: 10.102 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU049236.D

Acq: 17 Jun 2022 10:31

Instrument :

MSVOA_U

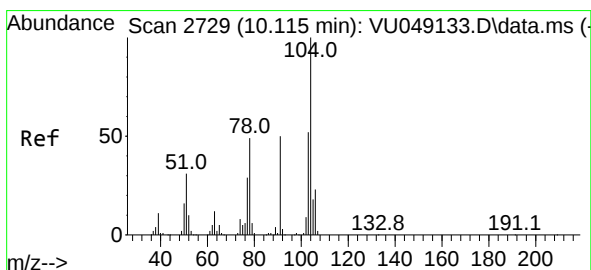
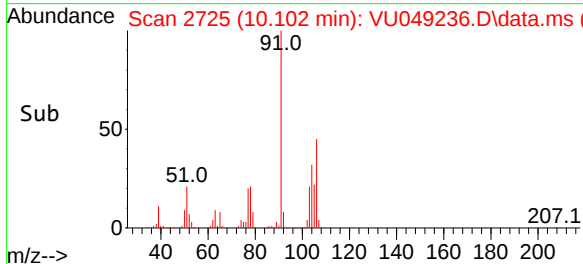
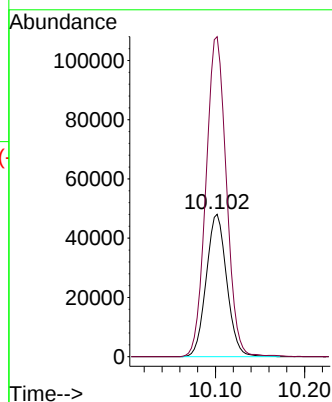
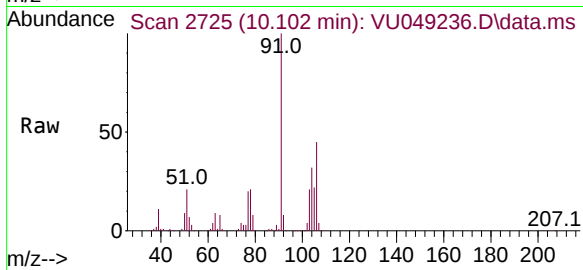
ClientSampleId :

Tgt Ion:106 Resp: 76927

Ion Ratio Lower Upper

106 100

91 224.7 157.5 292.5



#55

Styrene

Concen: 4.958 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU049236.D

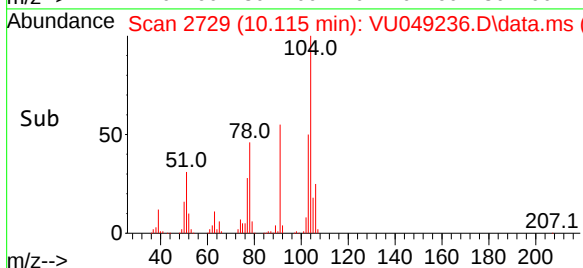
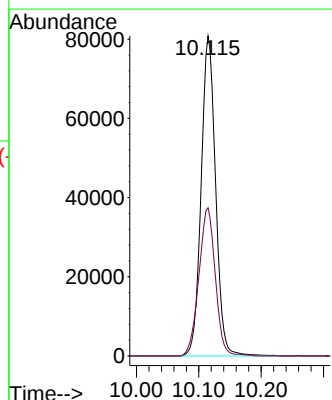
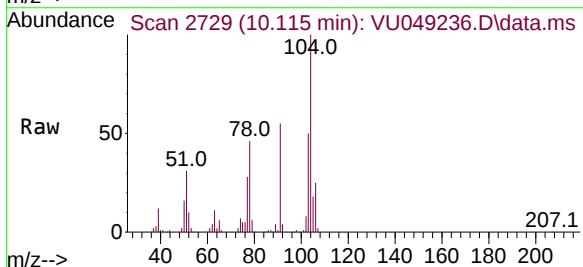
Acq: 17 Jun 2022 10:31

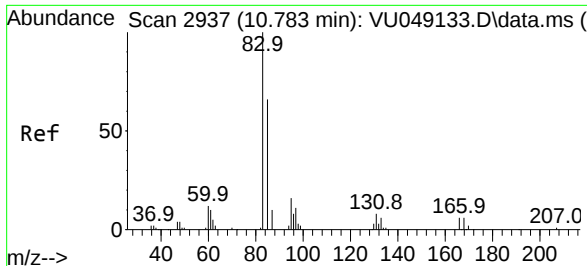
Tgt Ion:104 Resp: 130441

Ion Ratio Lower Upper

104 100

78 46.3 34.1 63.3

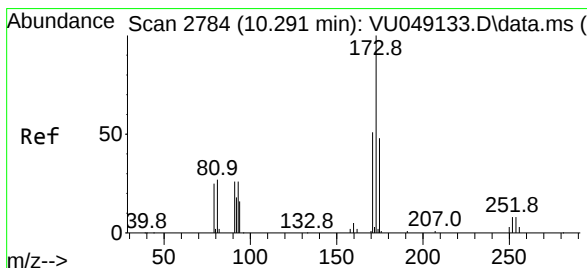
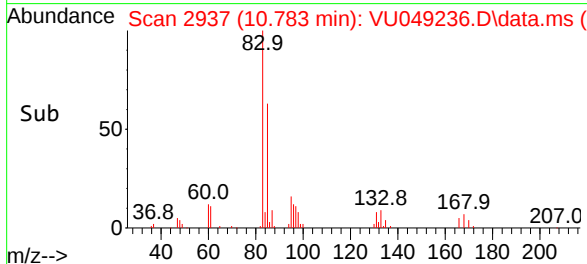
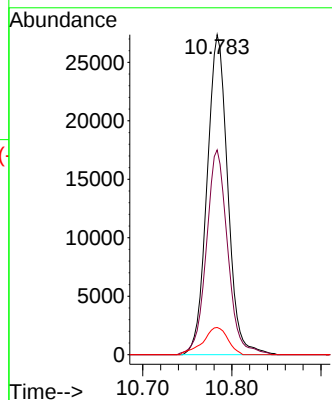
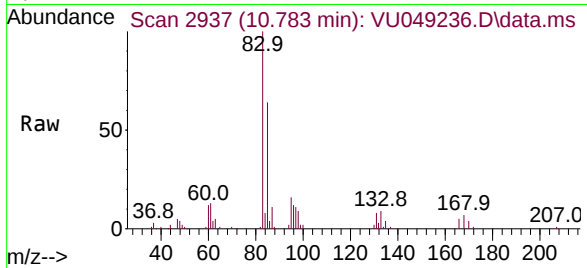




#57
1,1,2,2-Tetrachloroethane
Concen: 4.725 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU049236.D
Acq: 17 Jun 2022 10:31

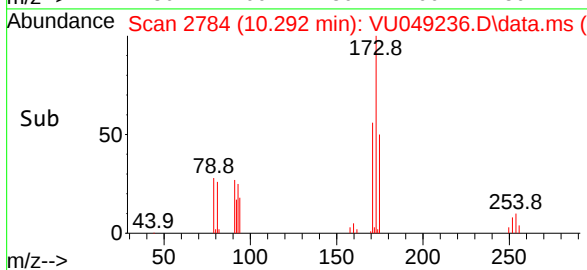
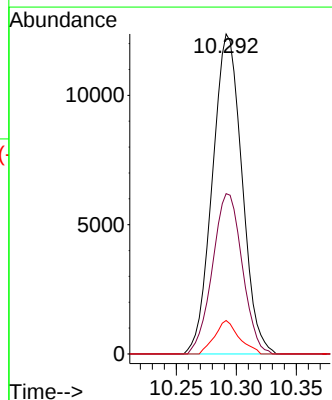
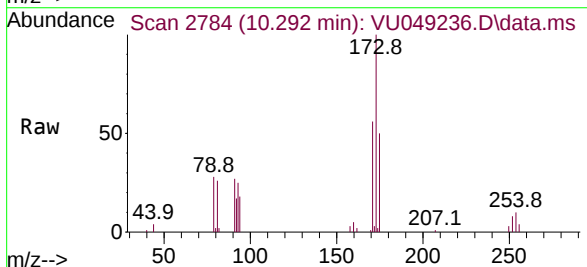
Instrument :
MSVOA_U
ClientSampleId :

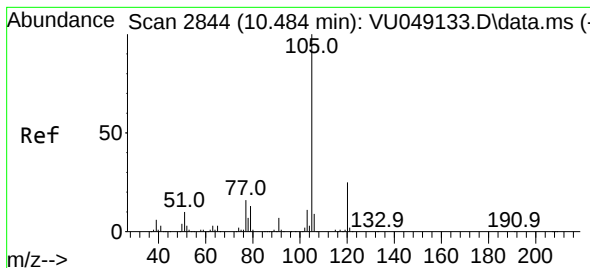
Tgt Ion: 83 Resp: 44097
Ion Ratio Lower Upper
83 100
85 64.0 45.4 84.4
131 8.5 7.1 10.7



#59
Bromoform
Concen: 4.403 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VU049236.D
Acq: 17 Jun 2022 10:31

Tgt Ion: 173 Resp: 21141
Ion Ratio Lower Upper
173 100
175 50.6 37.9 56.9
254 8.6 6.6 9.8





#60

Isopropylbenzene

Concen: 4.711 ug/L

RT: 10.484 min Scan# 2844

Delta R.T. -0.000 min

Lab File: VU049236.D

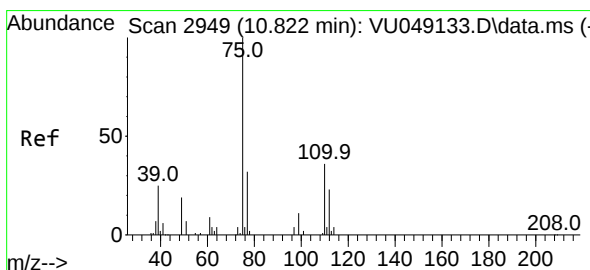
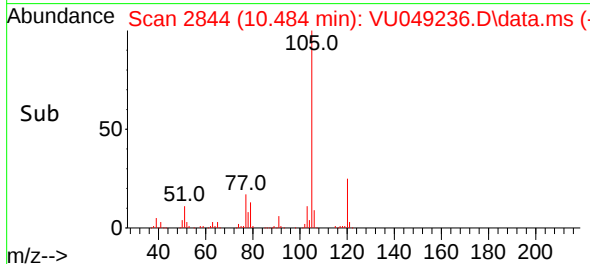
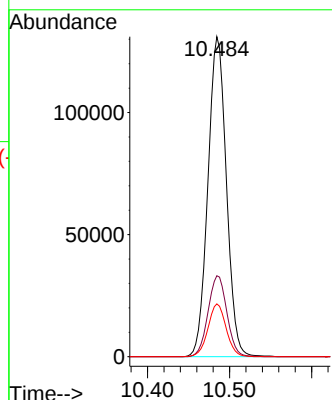
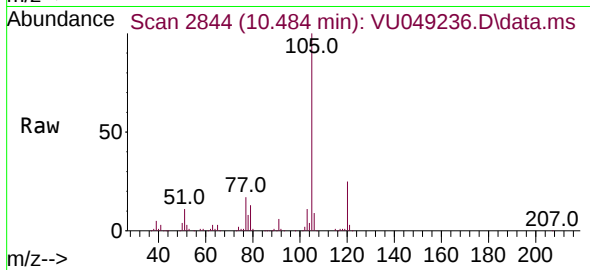
Acq: 17 Jun 2022 10:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	205120
Ion Ratio	Lower	Upper	
105	100		
120	25.8	20.3	30.5
77	16.2	13.0	19.6



#61

1,2,3-Trichloropropane

Concen: 4.443 ug/L

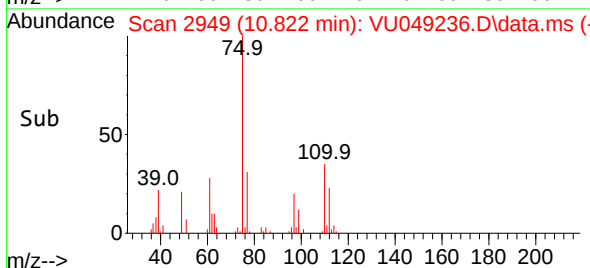
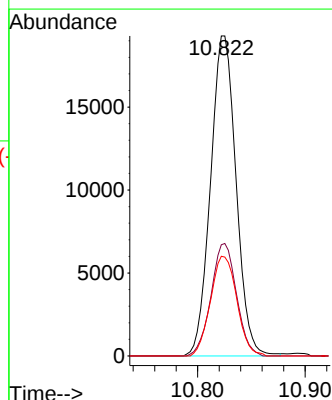
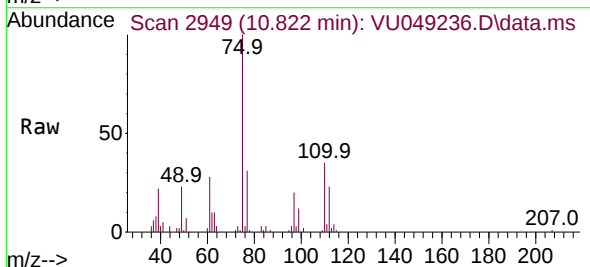
RT: 10.822 min Scan# 2949

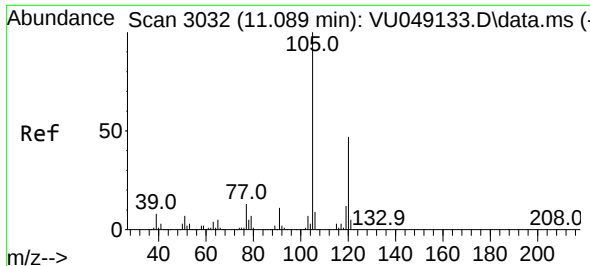
Delta R.T. -0.003 min

Lab File: VU049236.D

Acq: 17 Jun 2022 10:31

Tgt Ion:	75	Resp:	31862
Ion Ratio	Lower	Upper	
75	100		
110	34.9	29.0	43.4
77	32.1	26.2	39.2

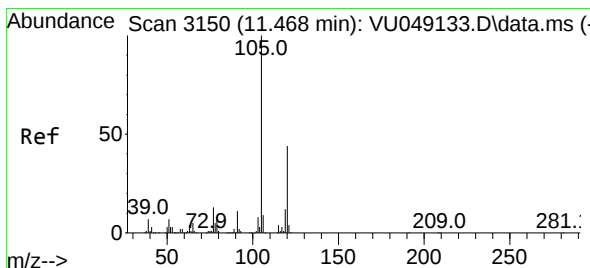
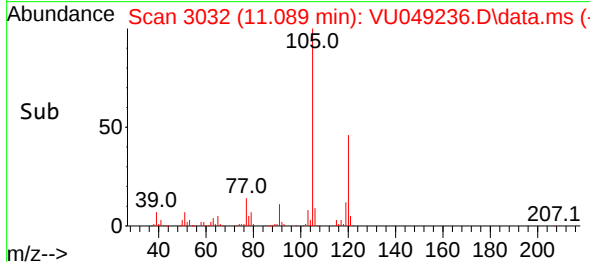
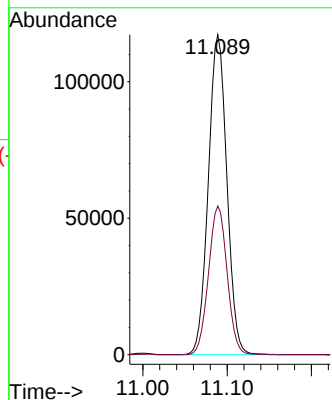
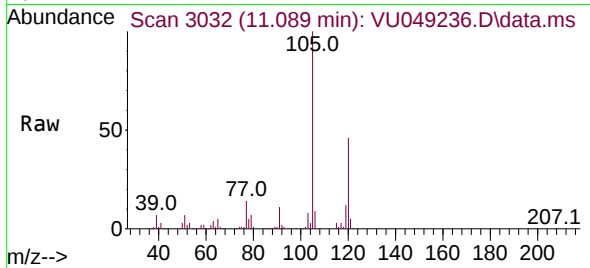




#62
 1,3,5-Trimethylbenzene
 Concen: 4.670 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU049236.D
 Acq: 17 Jun 2022 10:31

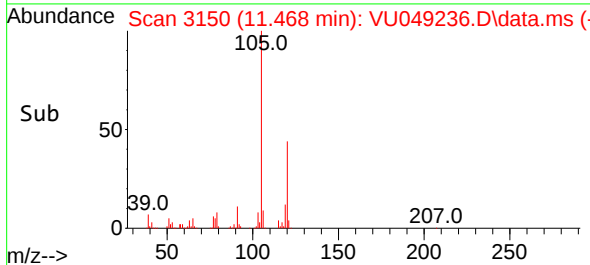
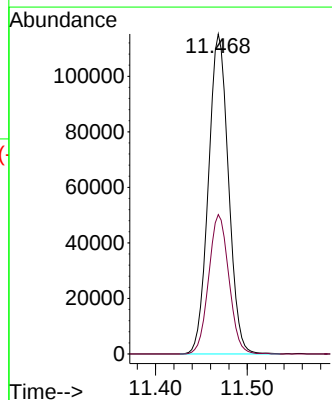
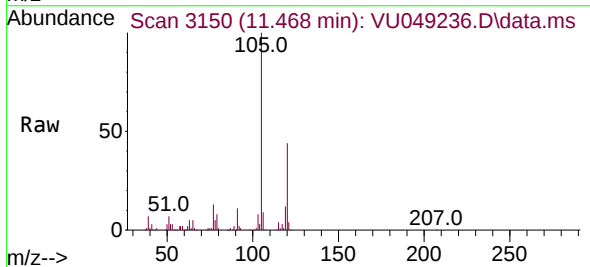
Instrument :
 MSVOA_U
 ClientSampleId :

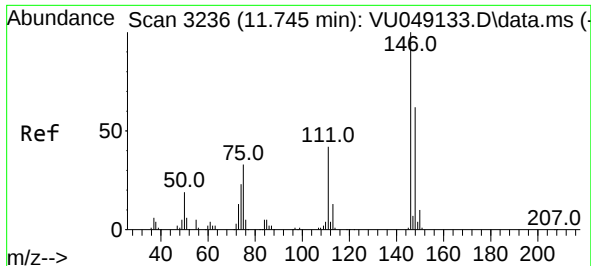
Tgt Ion:105 Resp: 179481
 Ion Ratio Lower Upper
 105 100
 120 46.6 37.8 56.6



#63
 1,2,4-Trimethylbenzene
 Concen: 4.597 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU049236.D
 Acq: 17 Jun 2022 10:31

Tgt Ion:105 Resp: 175030
 Ion Ratio Lower Upper
 105 100
 120 43.8 34.6 52.0

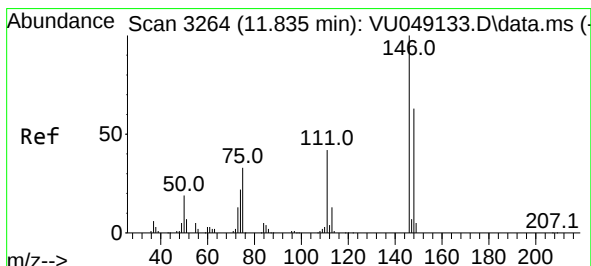
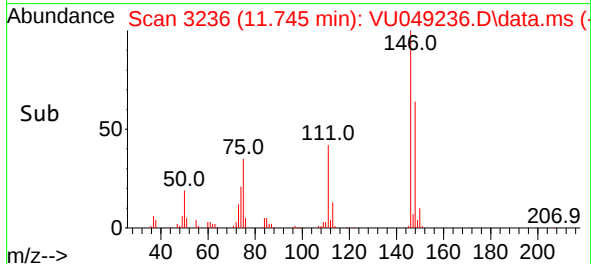
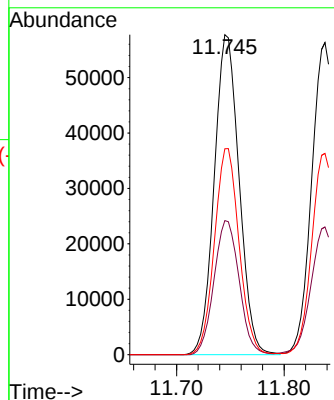
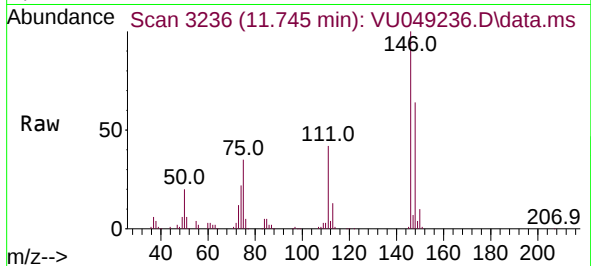




#64
1,3-Dichlorobenzene
Concen: 4.985 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU049236.D
Acq: 17 Jun 2022 10:31

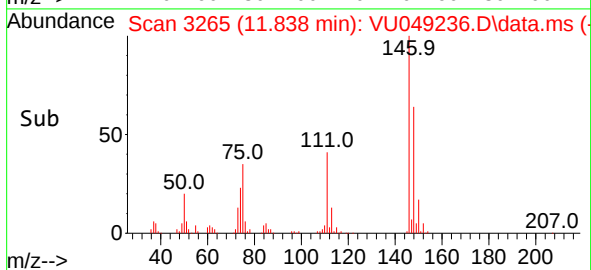
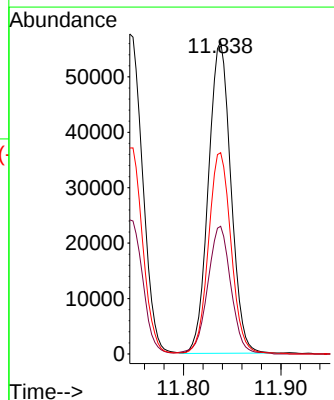
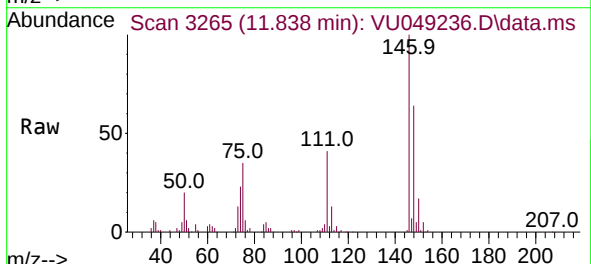
Instrument :
MSVOA_U
ClientSampleId :

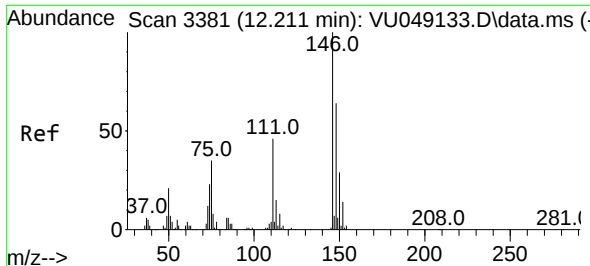
Tgt Ion:146 Resp: 92894
Ion Ratio Lower Upper
146 100
111 41.9 30.9 57.5
148 64.3 46.1 85.7



#65
1,4-Dichlorobenzene
Concen: 4.899 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU049236.D
Acq: 17 Jun 2022 10:31

Tgt Ion:146 Resp: 90227
Ion Ratio Lower Upper
146 100
111 40.9 29.8 55.4
148 64.5 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 4.864 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. -0.003 min

Lab File: VU049236.D

Acq: 17 Jun 2022 10:31

Instrument :

MSVOA_U

ClientSampleId :

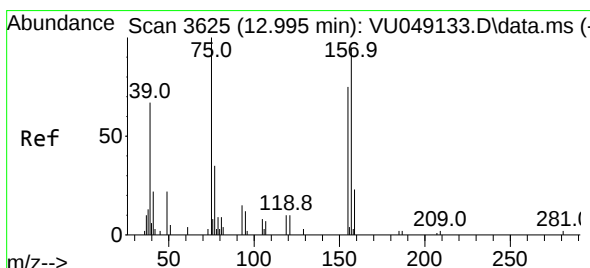
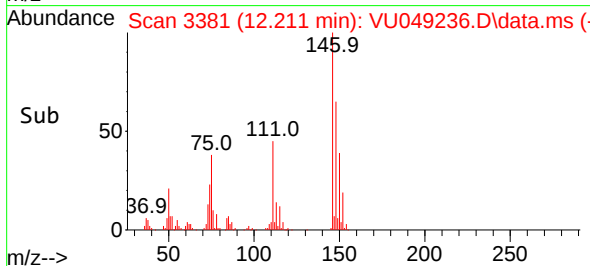
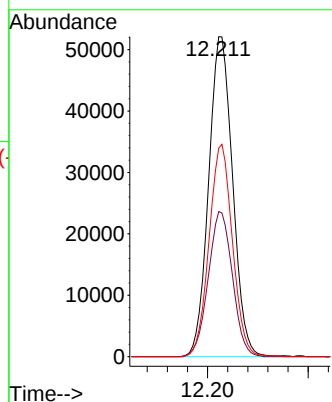
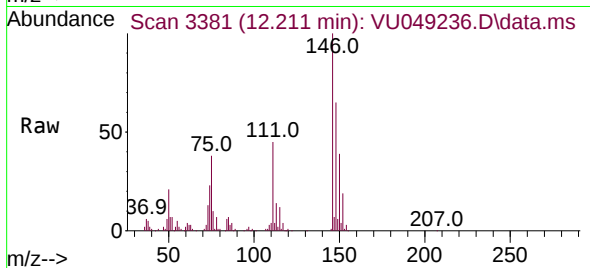
Tgt Ion:146 Resp: 86238

Ion Ratio Lower Upper

146 100

111 45.3 36.6 55.0

148 65.2 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 3.716 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU049236.D

Acq: 17 Jun 2022 10:31

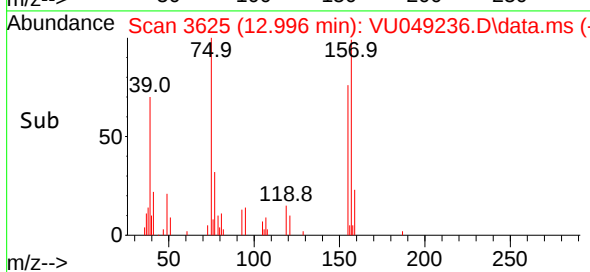
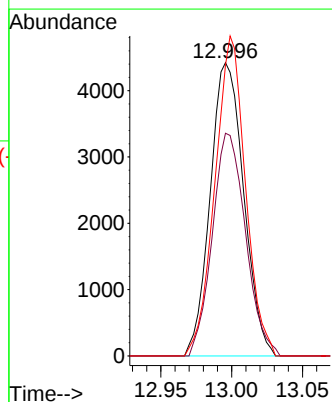
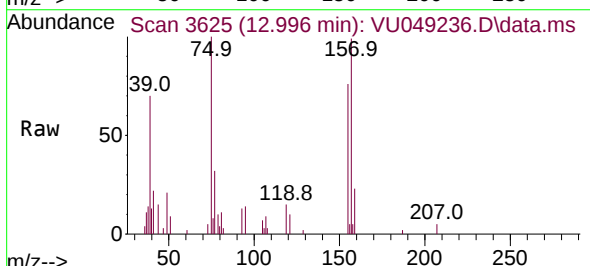
Tgt Ion: 75 Resp: 7264

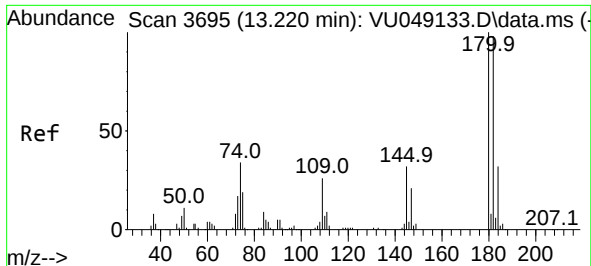
Ion Ratio Lower Upper

75 100

155 75.9 52.0 78.0

157 99.2 71.4 107.2





#69

1,3,5-Trichlorobenzene

Concen: 5.212 ug/L

RT: 13.221 min Scan# 30

Delta R.T. -0.000 min

Lab File: VU049236.D

Acq: 17 Jun 2022 10:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 72834

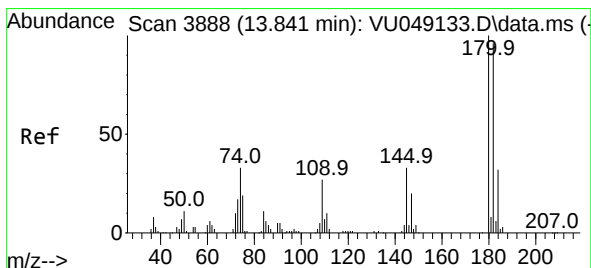
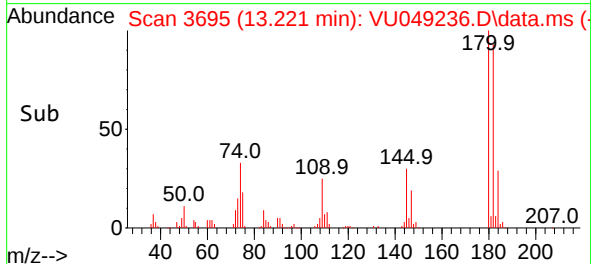
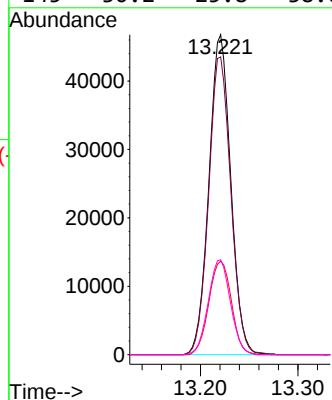
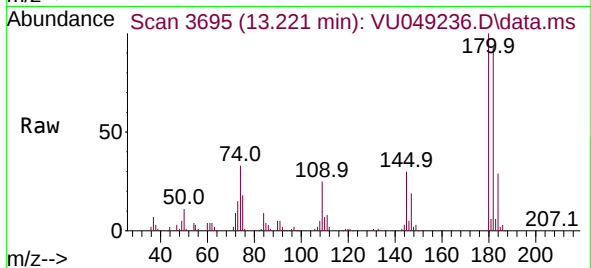
Ion Ratio Lower Upper

180 100

182 94.4 75.0 112.4

184 30.1 23.2 34.8

145 30.2 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 5.503 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU049236.D

Acq: 17 Jun 2022 10:31

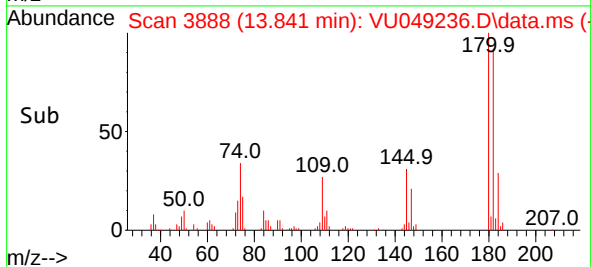
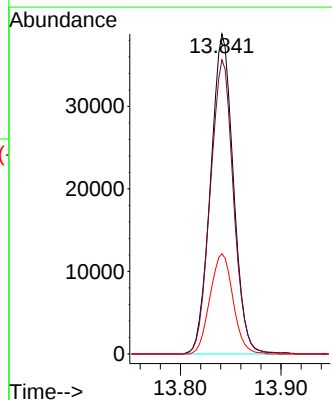
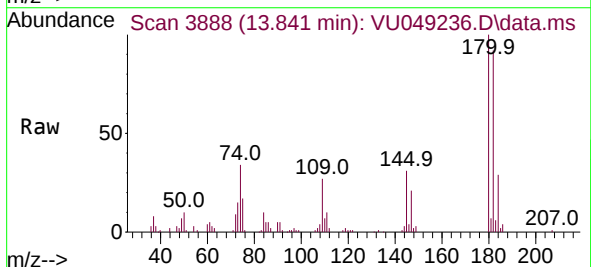
Tgt Ion:180 Resp: 61123

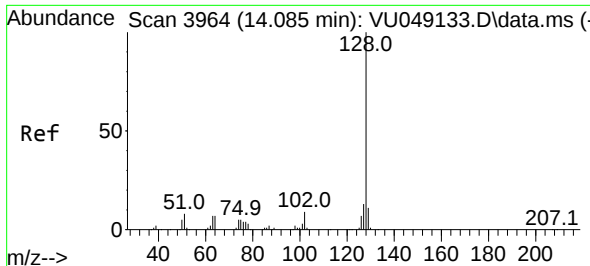
Ion Ratio Lower Upper

180 100

182 93.3 74.6 112.0

145 31.6 26.1 39.1

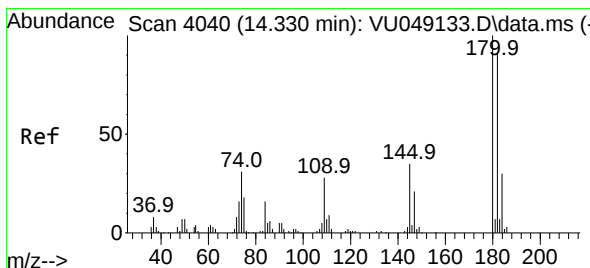
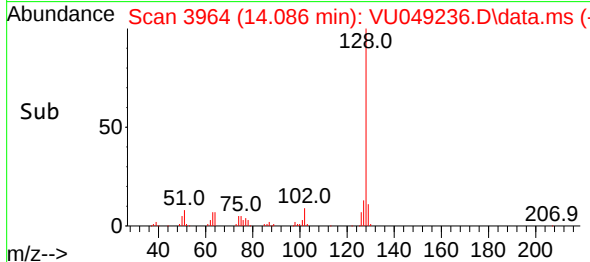
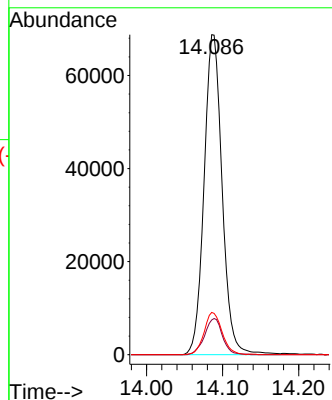
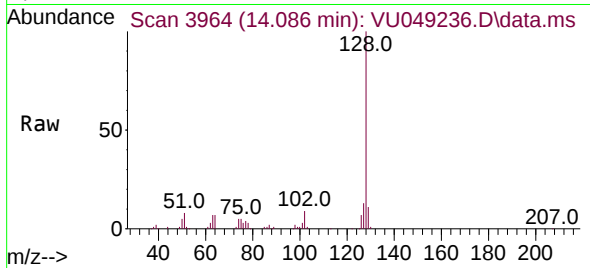




#71
Naphthalene
Concen: 5.143 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU049236.D
Acq: 17 Jun 2022 10:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 113534
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.1 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.343 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU049236.D
Acq: 17 Jun 2022 10:31

Tgt Ion:180 Resp: 55806
Ion Ratio Lower Upper
180 100
182 94.4 75.6 113.4
145 33.1 27.9 41.9

