

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081419\
 Data File : VU033792.D
 Acq On : 14 Aug 2019 10:26
 Operator : JC/SP
 Sample : VSTD00105
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 15 14:22:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR081419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 15 14:18:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	158666	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	165968	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.47	152	83278	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	18844	1.05	ug/L	0.00
7) Chloroethane-d5	1.67	69	15321	1.09	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	65	8940	1.08	ug/L	0.00
20) 2-Butanone-d5	4.20	46	35469	10.22	ug/L	0.00
24) Chloroform-d	4.62	84	29109	1.09	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	15367	1.10	ug/L	0.00
32) Benzene-d6	5.32	84	51053	1.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	17253	1.07	ug/L	0.00
41) Toluene-d8	7.55	98	45772	0.98	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	6228	0.97	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	21116	8.28	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.42	84	14393	1.03	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.85	152	17447	1.03	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	26425	1.149 ug/L	98
3) Chloromethane	1.32	50	27258	1.142 ug/L	100
5) Vinyl chloride	1.39	62	30231	1.162 ug/L	98
6) Bromomethane	1.62	94	17283	1.141 ug/L	98
8) Chloroethane	1.69	64	17630	1.147 ug/L	98
9) Trichlorofluoromethane	1.88	101	40531	1.137 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	22773	1.204 ug/L	97
12) 1,1-Dichloroethene	2.27	96	20187	1.104 ug/L	90
13) Acetone	2.35	43	43111	11.696 ug/L	98
14) Carbon disulfide	2.46	76	72190	1.163 ug/L	100
15) Methyl Acetate	2.62	43	10193	1.060 ug/L	94
16) Methylene chloride	2.68	84	25576	1.198 ug/L	93
17) Methyl tert-butyl Ether	2.99	73	54508	1.151 ug/L	99
18) trans-1,2-Dichloroethene	2.96	96	21780	1.109 ug/L	94
19) 1,1-Dichloroethane	3.42	63	36184	1.179 ug/L	99
21) 2-Butanone	4.27	43	16184	3.558 ug/L	83
22) cis-1,2-Dichloroethene	4.20	96	18842	1.125 ug/L	94
23) Bromochloromethane	4.53	128	8993	1.120 ug/L	93
25) Chloroform	4.65	83	38824	1.175 ug/L	96
27) 1,2-Dichloroethane	5.39	62	23414	1.150 ug/L	98
29) 1,1,1-Trichloroethane	4.89	97	30792	1.140 ug/L	98
30) Cyclohexane	4.97	56	24555	1.004 ug/L	99
31) Carbon tetrachloride	5.11	117	26780	1.114 ug/L	99
33) Benzene	5.37	78	70959	1.069 ug/L	100
34) Trichloroethene	6.16	95	19702	1.132 ug/L	96
35) Methylcyclohexane	6.39	83	25288	0.969 ug/L	97
37) 1,2-Dichloropropane	6.41	63	19493	1.087 ug/L	98
38) Bromodichloromethane	6.74	83	25300	1.118 ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	24561	1.015 ug/L	97
40) 4-Methyl-2-pentanone	7.45	43	105468	10.175 ug/L	97

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Quant Time: Aug 15 14:22:27 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR081419WMA.M

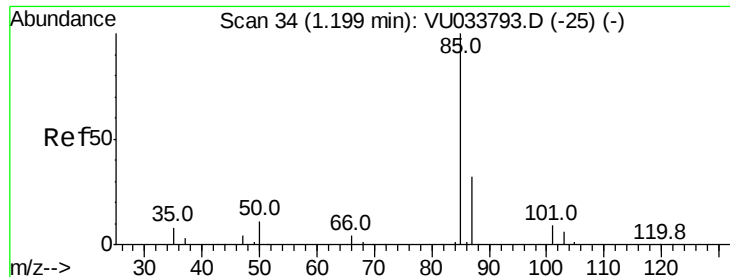
Quant Title : TRACE VOA SOM01.0

QLast Update : Thu Aug 15 14:18:33 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.62	91	72602	1.041	ug/L	96
44) trans-1,3-Dichloropropene	7.87	75	20977	1.037	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	14598	1.139	ug/L	98
47) Tetrachloroethene	8.21	164	16070	1.107	ug/L	91
48) 2-Hexanone	8.35	43	73606	9.819	ug/L	96
49) Dibromochloromethane	8.46	129	16490	1.061	ug/L	94
50) 1,2-Dibromoethane	8.57	107	13598	1.097	ug/L	88
51) Chlorobenzene	9.10	112	48729	1.085	ug/L	99
52) Ethylbenzene	9.23	91	70260	0.973	ug/L	100
53) m,p-Xylene	9.36	106	25499	0.937	ug/L	95
54) o-Xylene	9.76	106	24363	0.943	ug/L	98
55) Styrene	9.78	104	40502	0.903	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.44	83	19103	1.135	ug/L	98
59) Isopropylbenzene	10.15	105	63555	1.001	ug/L	100
60) Bromoform	9.94	173	9584	1.127	ug/L	97
61) 1,2,3-Trichloropropane	10.48	75	12874	0.357	ug/L	97
62) 1,3,5-Trimethylbenzene	10.76	105	48393	0.939	ug/L	99
63) 1,2,4-Trimethylbenzene	11.13	105	47509	0.924	ug/L	98
64) 1,3-Dichlorobenzene	11.40	146	38185	1.125	ug/L	98
65) 1,4-Dichlorobenzene	11.49	146	38340	1.097	ug/L	99
67) 1,2-Dichlorobenzene	11.86	146	36001	1.098	ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.65	75	2594	1.075	ug/L #	81
69) 1,3,5-Trichlorobenzene	12.87	180	27650	1.035	ug/L	96
70) 1,2,4-trichlorobenzene	13.49	180	20920	1.007	ug/L	98
71) Naphthalene	13.73	128	27339	0.854	ug/L	97
72) 1,2,3-Trichlorobenzene	13.98	180	18926	0.966	ug/L	96

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



#2

Dichlorodifluoromethane

Concen: 1.149 ug/L

RT: 1.20 min Scan# 34

Delta R.T. 0.00 min

Lab File: VU033792.D

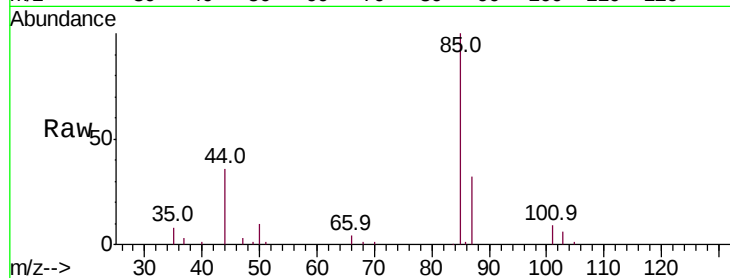
Acq: 14 Aug 2019 10:26

Tot Ion: 85 Resp: 26425

Ion Ratio Lower Upper

85 100

87 33.1 25.6 38.4



Abundance Ion 85.00 (84.70 to 85.70): VU033792.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU033792.D (-1) (-)

1.20

25000

20000

15000

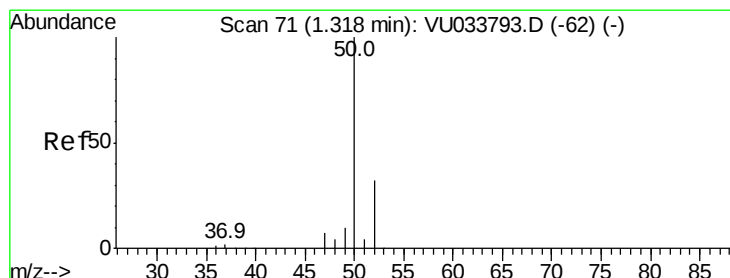
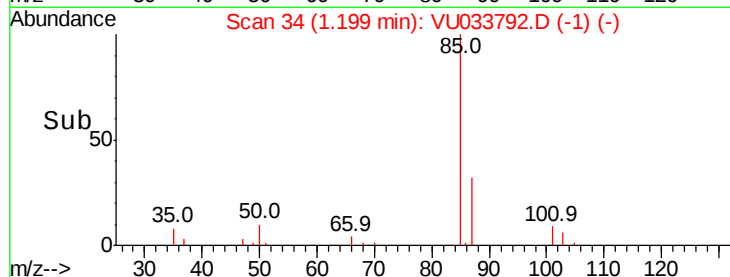
10000

5000

0

Time-->

1.15 1.20 1.25



#3

Chloromethane

Concen: 1.142 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU033792.D

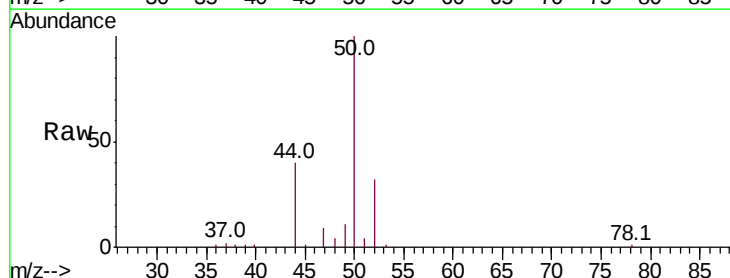
Acq: 14 Aug 2019 10:26

Tgt Ion: 50 Resp: 27258

Ion Ratio Lower Upper

50 100

52 32.1 22.7 42.1



Abundance Ion 50.00 (49.70 to 50.70): VU033792.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU033792.D (-1) (-)

1.32

25000

20000

15000

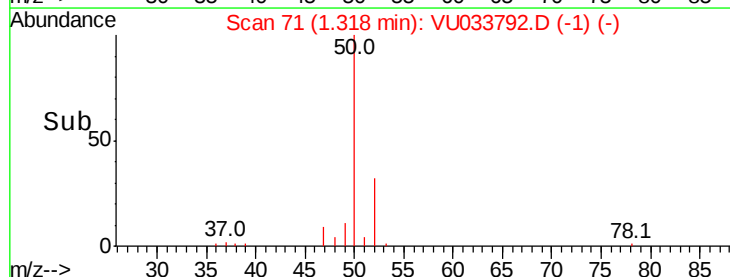
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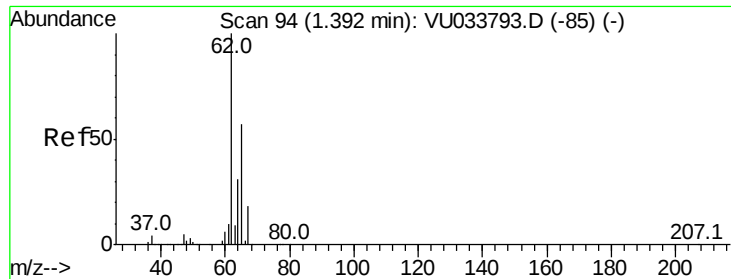
5000

0

Time-->

1.30 1.35





#5

Vinyl chloride

Concen: 1.162 ug/L

RT: 1.39 min Scan# 94

Delta R.T. 0.00 min

Lab File: VU033792.D

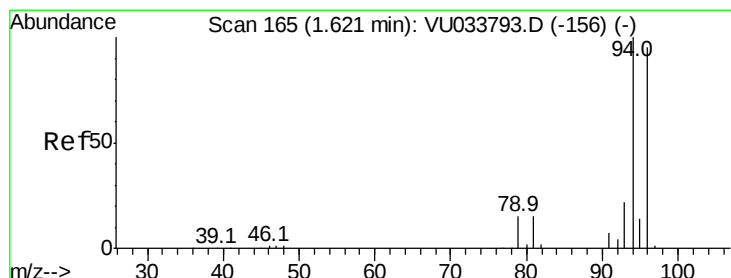
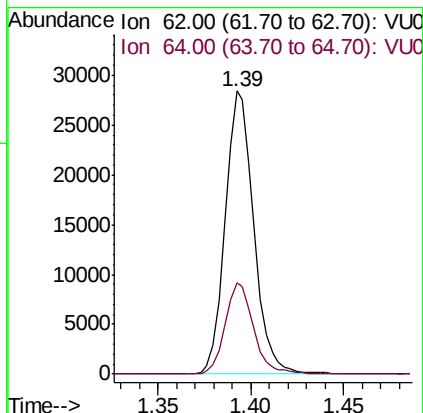
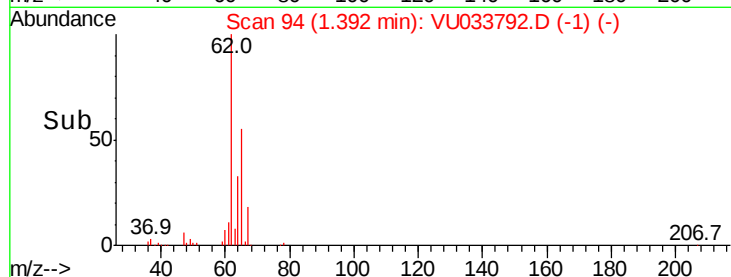
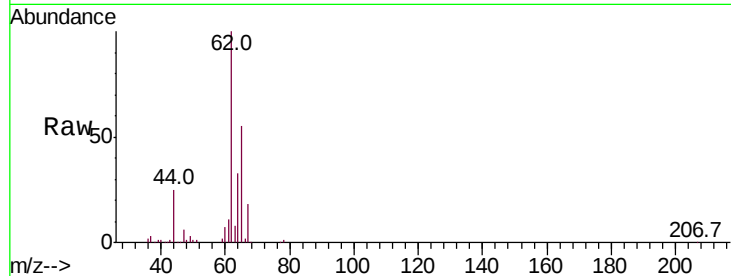
Acq: 14 Aug 2019 10:26

Tot Ion: 62 Resp: 30231

Ion Ratio Lower Upper

62 100

64 32.5 21.9 40.7



#6

Bromomethane

Concen: 1.141 ug/L

RT: 1.62 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU033792.D

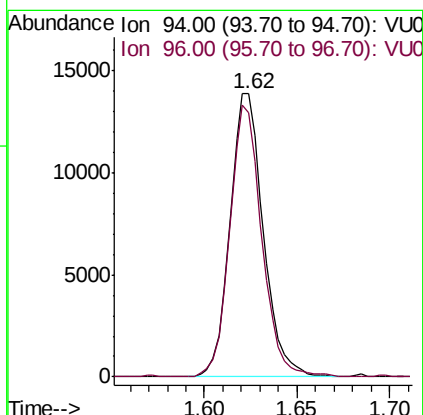
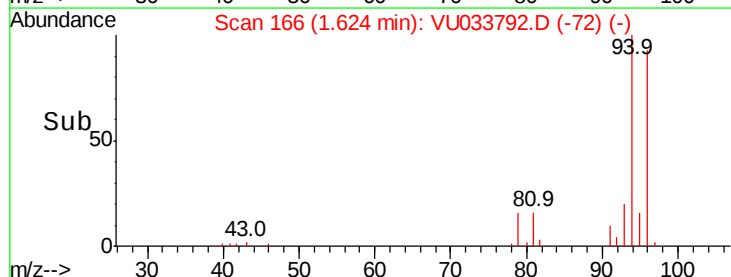
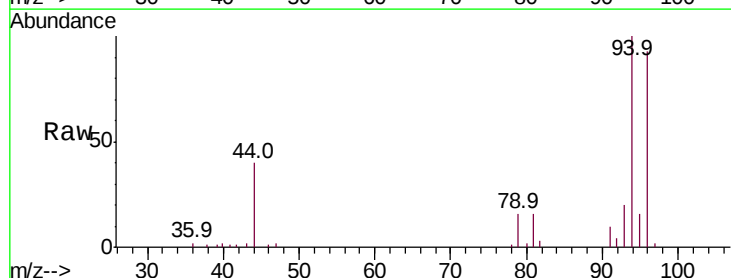
Acq: 14 Aug 2019 10:26

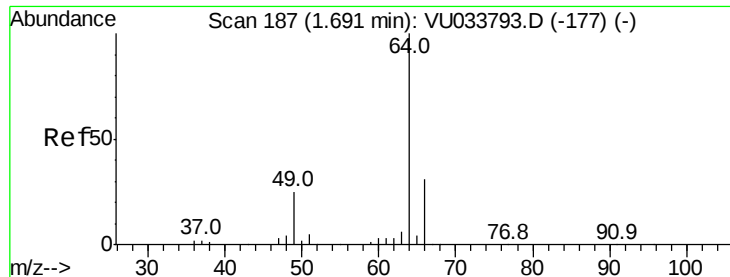
Tgt Ion: 94 Resp: 17283

Ion Ratio Lower Upper

94 100

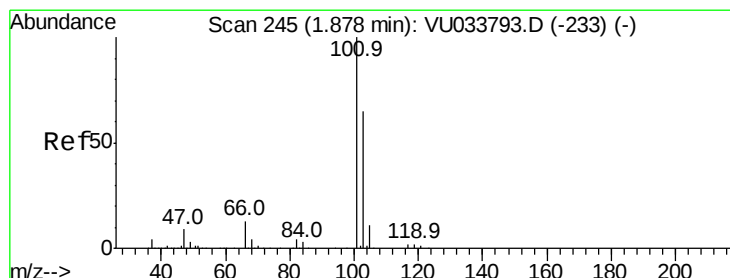
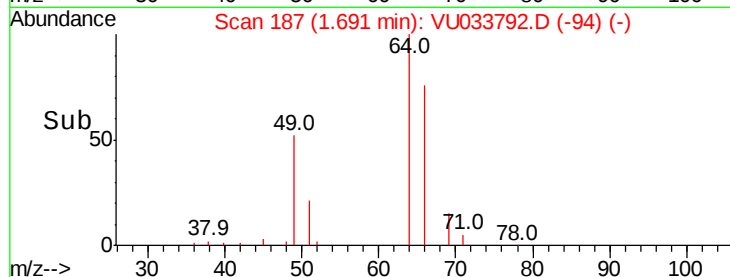
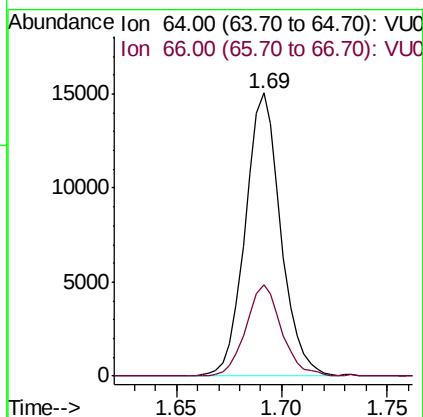
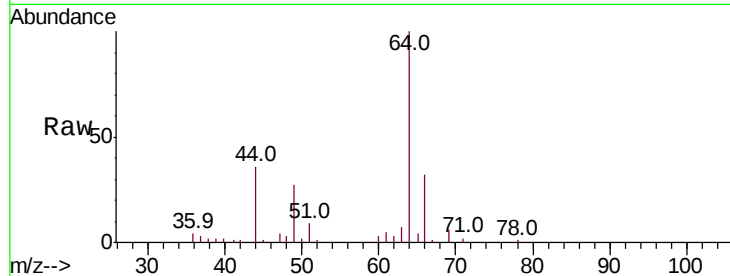
96 93.2 66.4 123.2





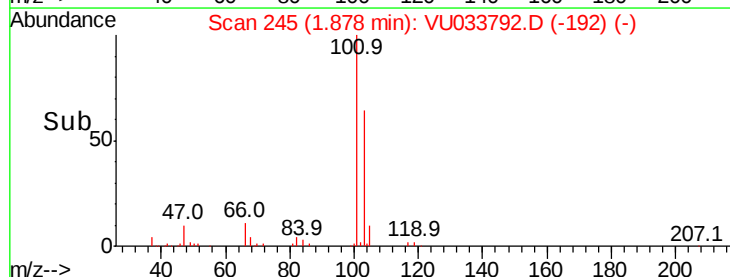
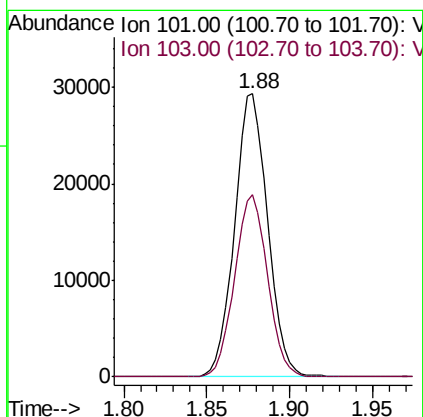
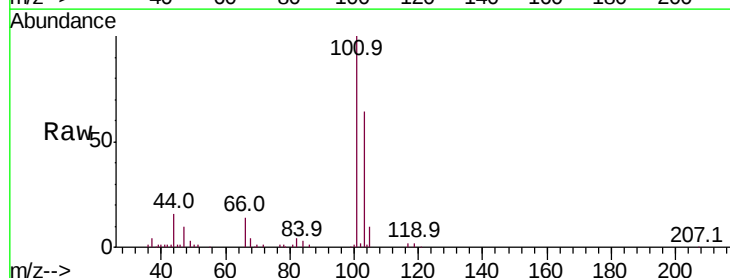
#8
Chloroethane
Concen: 1.147 ug/L
RT: 1.69 min Scan# 187
Delta R.T. 0.00 min
Lab File: VU033792.D
Acq: 14 Aug 2019 10:26

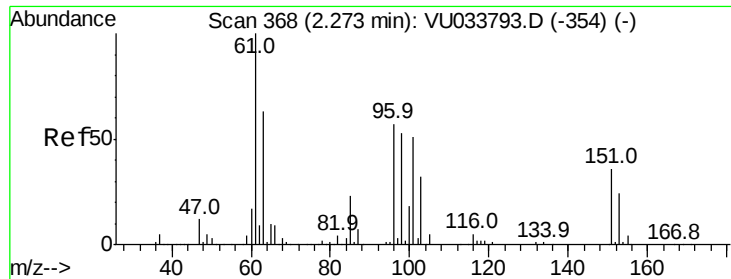
Tot Ion: 64 Resp: 17630
Ion Ratio Lower Upper
64 100
66 32.3 21.9 40.7



#9
Trichlorofluoromethane
Concen: 1.137 ug/L
RT: 1.88 min Scan# 245
Delta R.T. 0.00 min
Lab File: VU033792.D
Acq: 14 Aug 2019 10:26

Tgt Ion: 101 Resp: 40531
Ion Ratio Lower Upper
101 100
103 64.1 52.3 78.5





#10

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

Concen: 1.204 ug/L

RT: 2.27 min Scan# 368

Delta R.T. 0.00 min

Lab File: VU033792.D

Acq: 14 Aug 2019 10:26

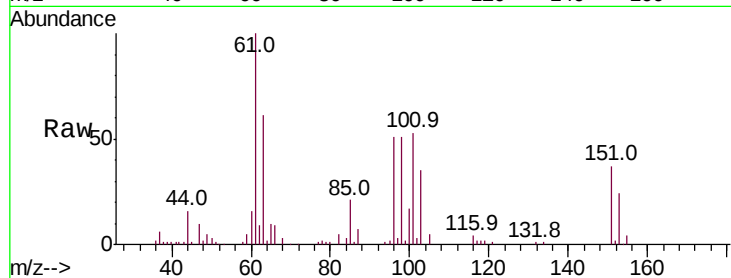
Tot Ion:101 Resp: 22773

Ion Ratio Lower Upper

101 100

85 43.8 36.2 54.2

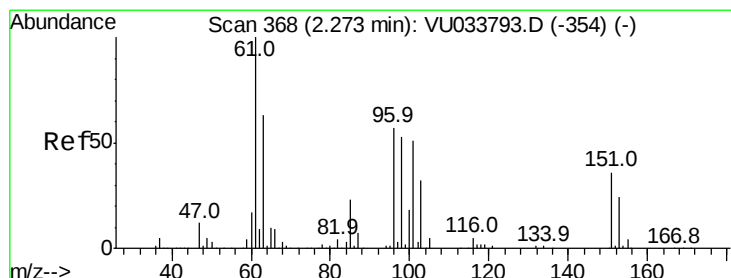
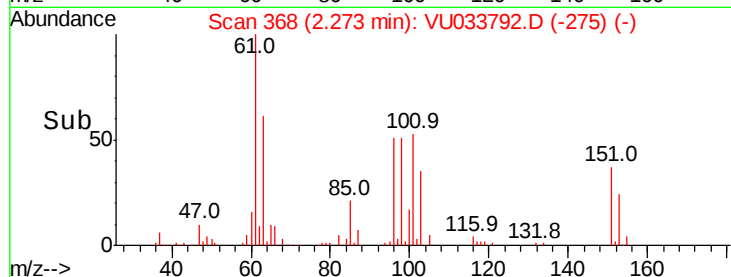
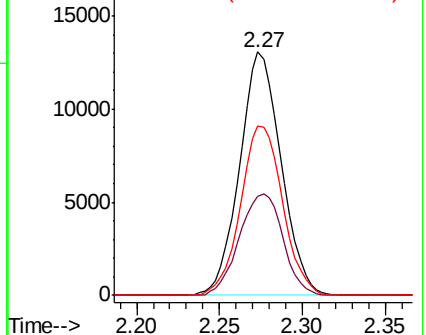
151 70.6 58.7 88.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 1.104 ug/L

RT: 2.27 min Scan# 368

Delta R.T. 0.00 min

Lab File: VU033792.D

Acq: 14 Aug 2019 10:26

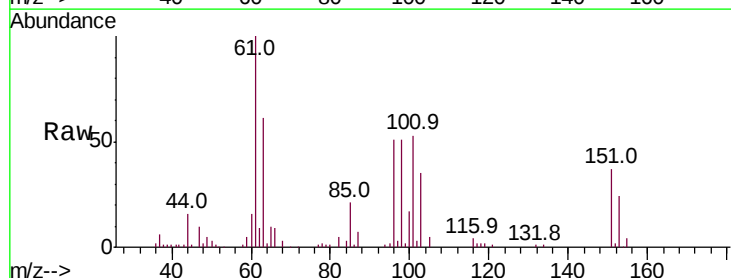
Tgt Ion: 96 Resp: 20187

Ion Ratio Lower Upper

96 100

61 195.2 123.8 230.0

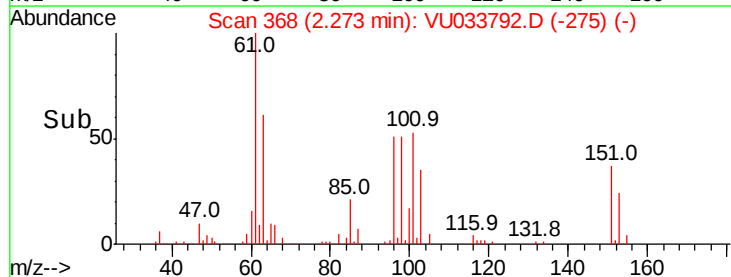
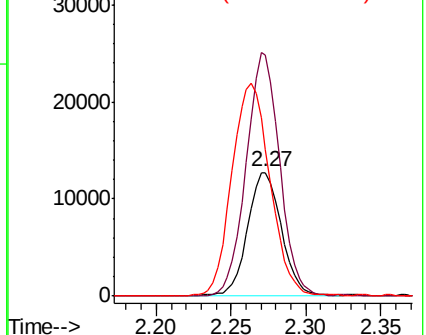
63 118.4 78.0 144.9

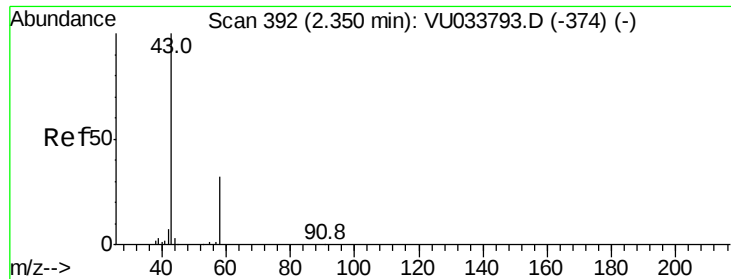


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 11.696 ug/L

RT: 2.35 min Scan# 391

Delta R.T. -0.00 min

Lab File: VU033792.D

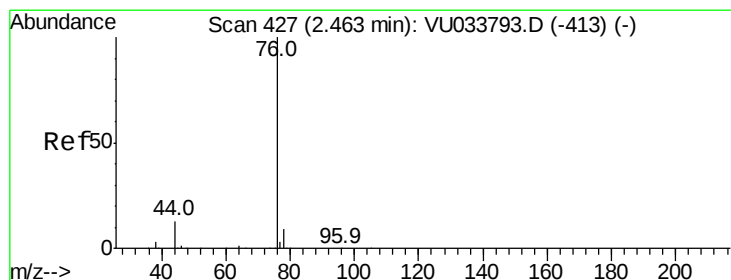
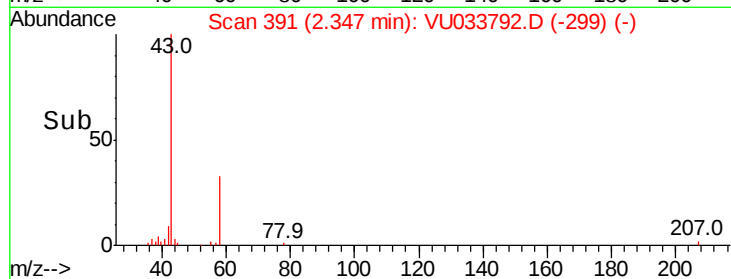
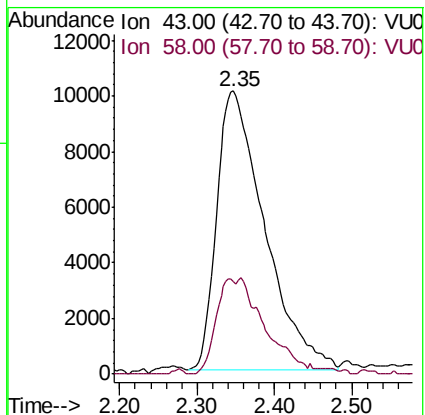
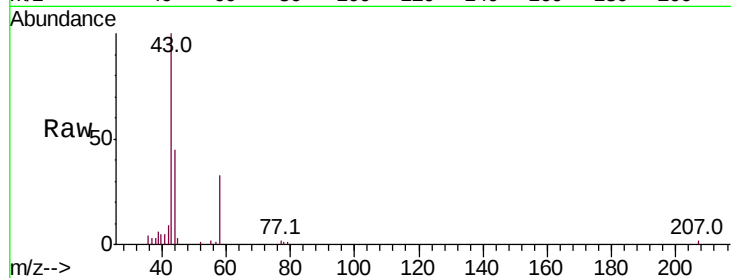
Acq: 14 Aug 2019 10:26

Tot Ion: 43 Resp: 43111

Ion Ratio Lower Upper

43 100

58 14.4 0.0 27.0



#14

Carbon disulfide

Concen: 1.163 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VU033792.D

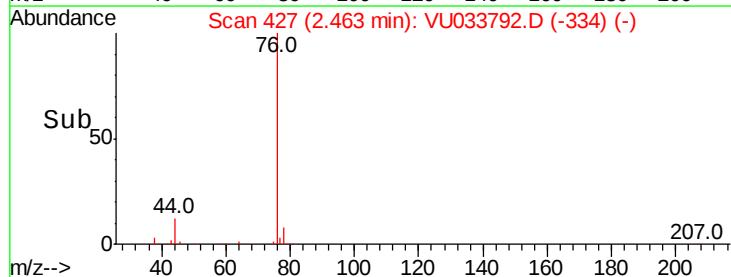
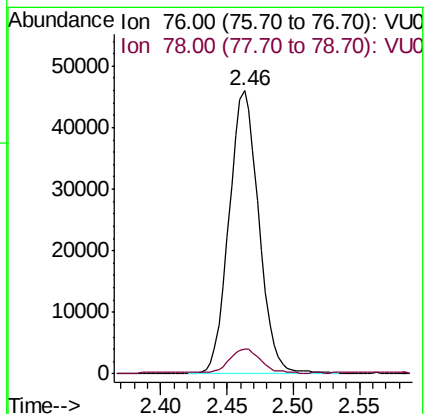
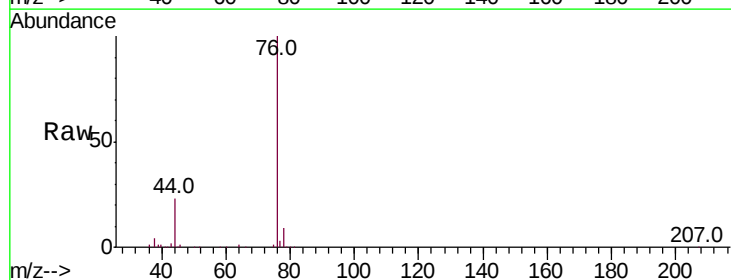
Acq: 14 Aug 2019 10:26

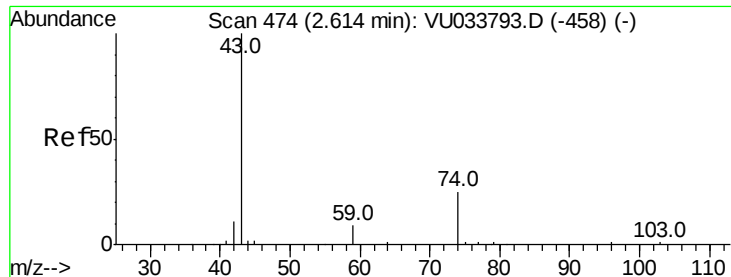
Tgt Ion: 76 Resp: 72190

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8





#15

Methvl Acetate

Concen: 1.060 ug/L

RT: 2.62 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU033792.D

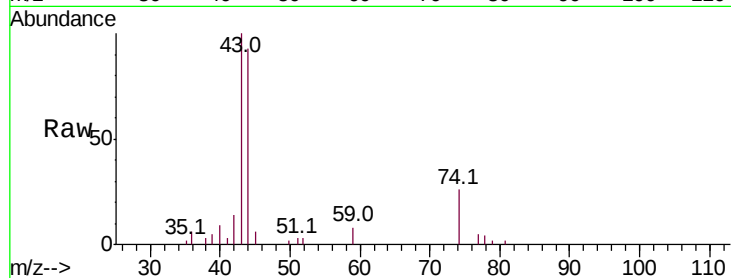
Acq: 14 Aug 2019 10:26

Tot Ion: 43 Resp: 10193

Ion Ratio Lower Upper

43 100

74 26.5 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VU033792.D (-458) (-)

Ion 74.00 (73.70 to 74.70): VU033792.D (-458) (-)

2.62

5000

4000

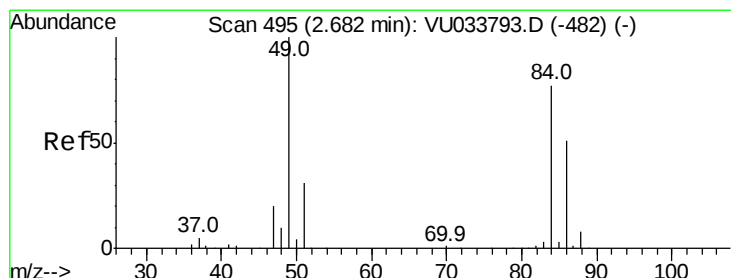
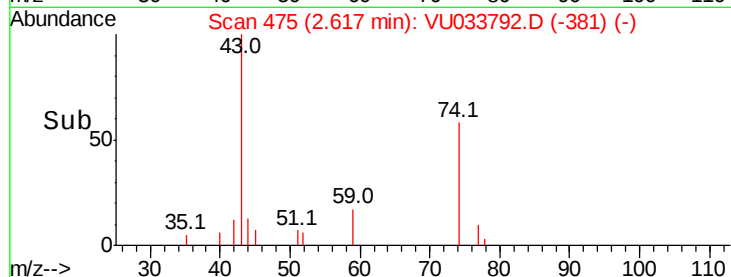
3000

2000

1000

0

Time--> 2.50 2.55 2.60 2.65 2.70



#16

Methylene chloride

Concen: 1.198 ug/L

RT: 2.68 min Scan# 496

Delta R.T. 0.00 min

Lab File: VU033792.D

Acq: 14 Aug 2019 10:26

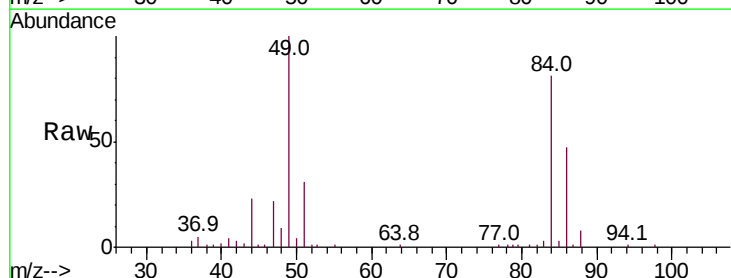
Tgt Ion: 84 Resp: 25576

Ion Ratio Lower Upper

84 100

86 58.1 46.0 85.4

49 123.2 90.4 168.0



Abundance Ion 84.00 (83.70 to 84.70): VU033792.D (-402) (-)

Ion 86.00 (85.70 to 86.70): VU033792.D (-402) (-)

Ion 49.00 (48.70 to 49.70): VU033792.D (-402) (-)

25000

20000

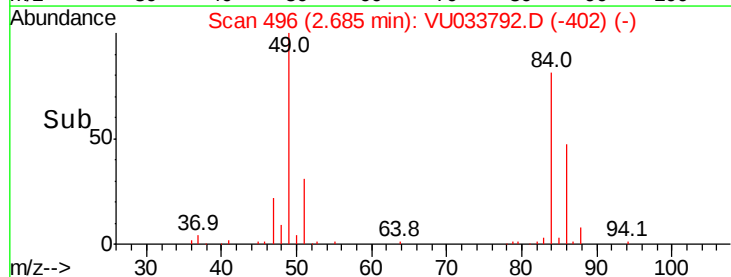
15000

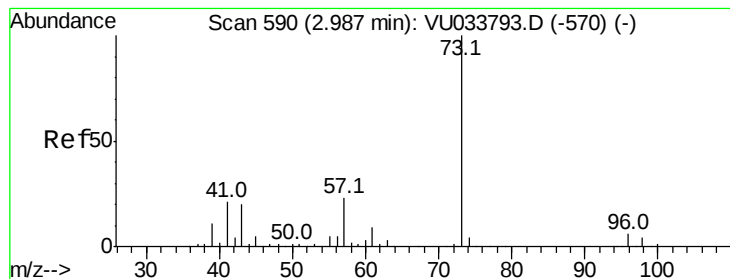
10000

5000

0

Time--> 2.60 2.65 2.70 2.75

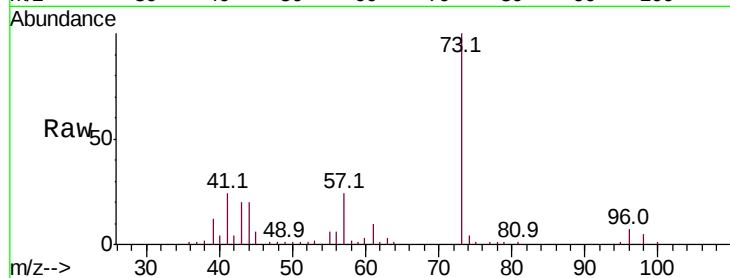




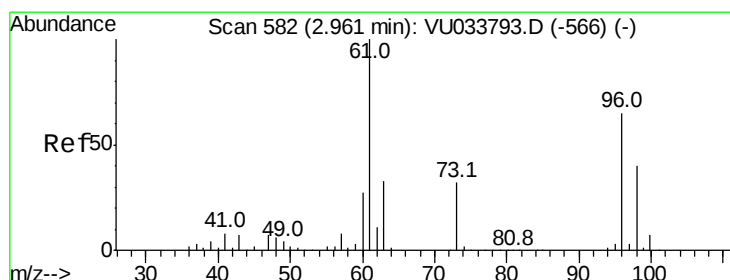
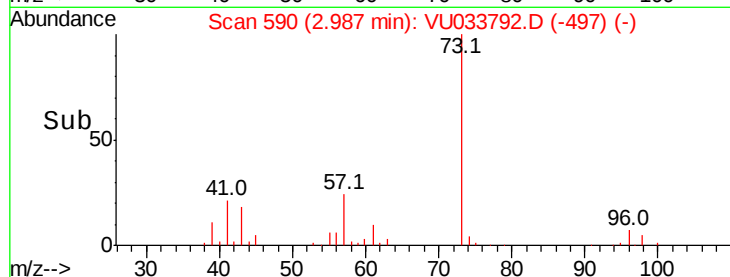
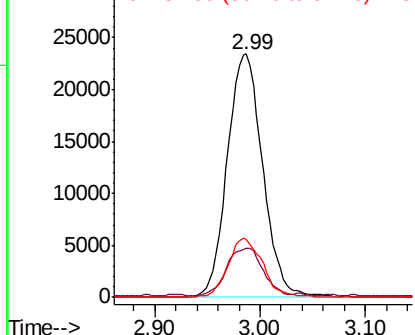
#17

Methvl tert-butvl Ether
 Concen: 1.151 ug/L
 RT: 2.99 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: VU033792.D
 Acq: 14 Aug 2019 10:26

Tot Ion	Ratio	Lower	Upper
73	100		
43	20.1	16.2	24.4
57	23.8	18.9	28.3



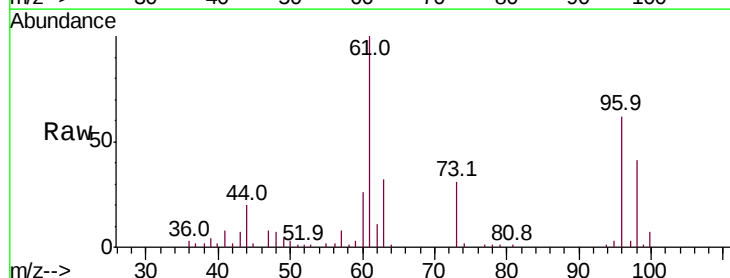
Abundance Ion 73.00 (72.70 to 73.70): VU0
 Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0



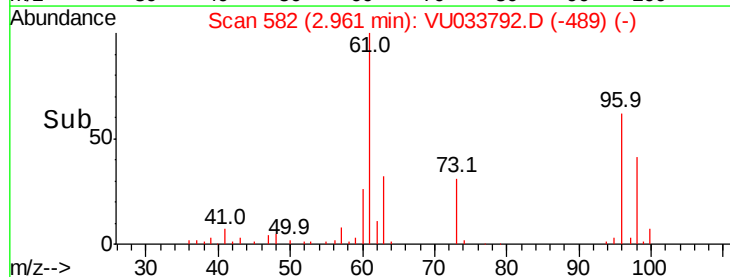
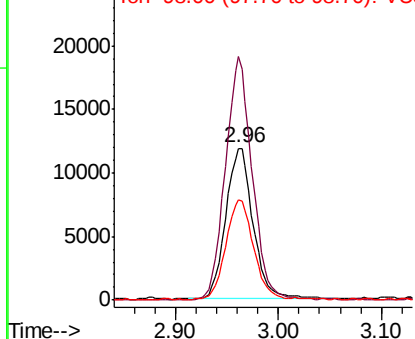
#18

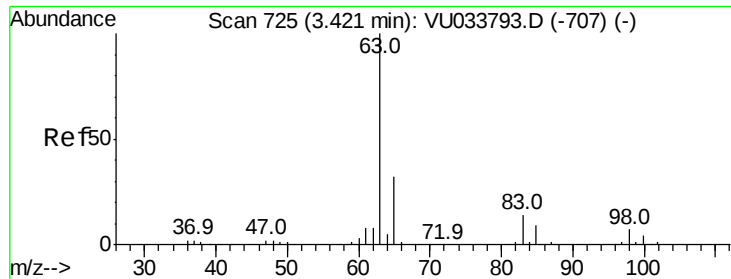
trans-1,2-Dichloroethene
 Concen: 1.109 ug/L
 RT: 2.96 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VU033792.D
 Acq: 14 Aug 2019 10:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.7	107.2	199.0
98	65.9	43.0	79.8



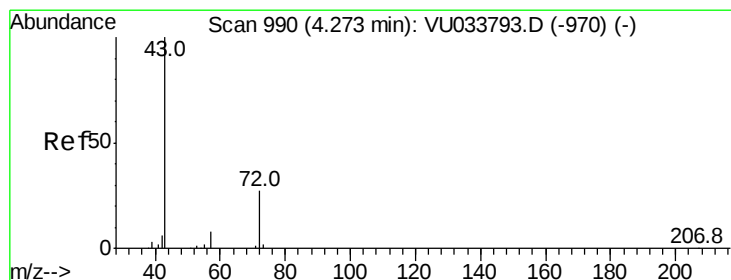
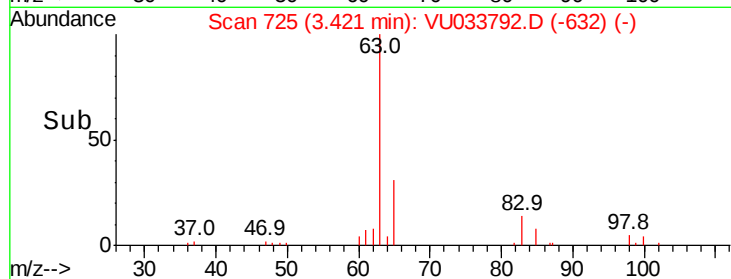
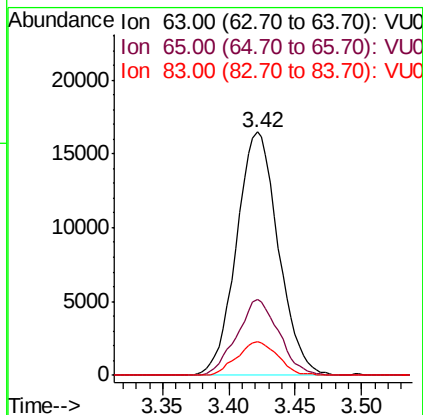
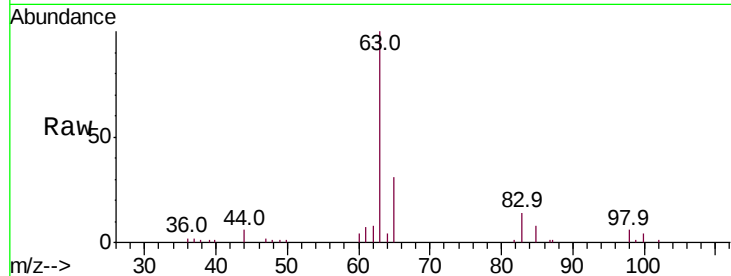
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0





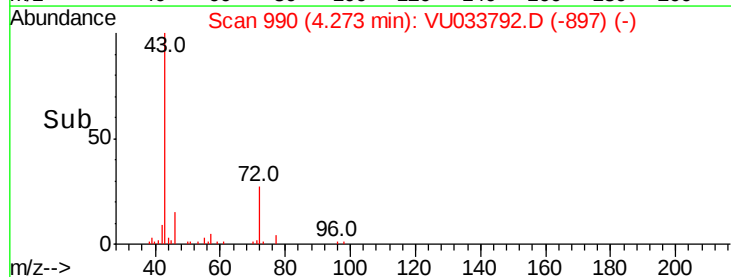
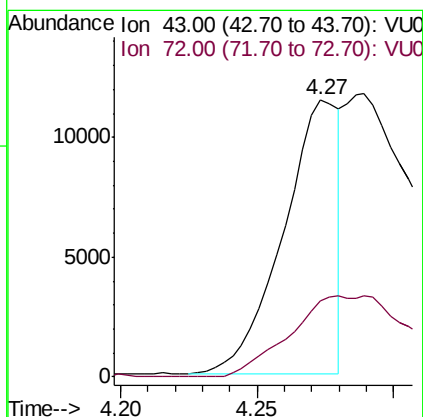
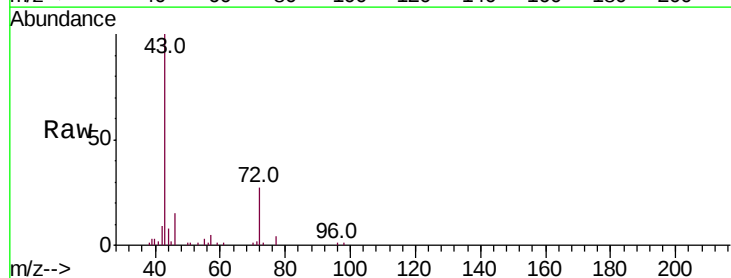
#19
 1,1-Dichloroethane
 Concen: 1.179 ug/L
 RT: 3.42 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: VU033792.D
 Acq: 14 Aug 2019 10:26

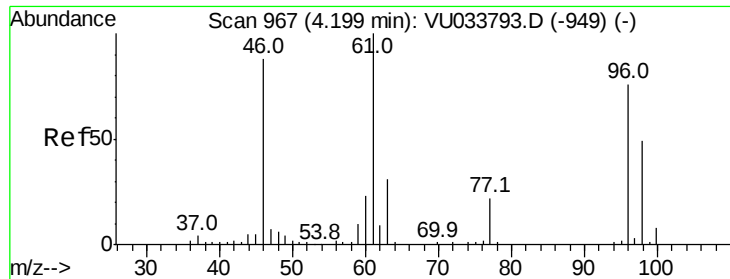
Tot Ion:	63	Resp:	36184
Ion	Ratio	Lower	Upper
63	100		
65	31.3	22.4	41.6
83	13.6	9.7	17.9



#21
 2-Butanone
 Concen: 3.558 ug/L
 RT: 4.27 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: VU033792.D
 Acq: 14 Aug 2019 10:26

Tgt Ion:	43	Resp:	16184
Ion	Ratio	Lower	Upper
43	100		
72	35.0	13.1	39.1

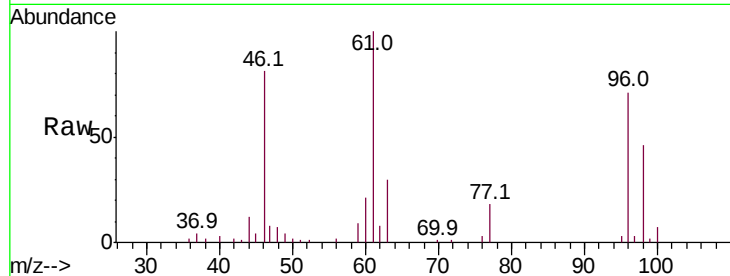




#22

cis-1,2-Dichloroethene
 Concen: 1.125 ug/L
 RT: 4.20 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: VU033792.D
 Acq: 14 Aug 2019 10:26

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.2	91.7	170.3
98	63.8	45.1	83.9

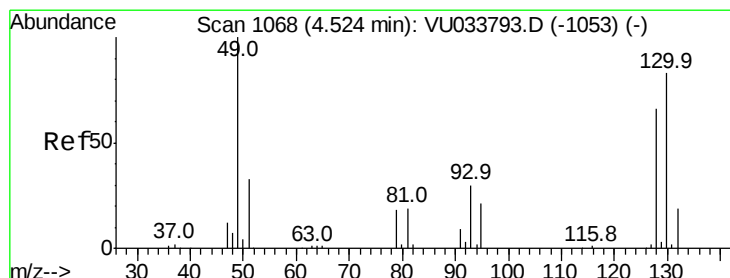
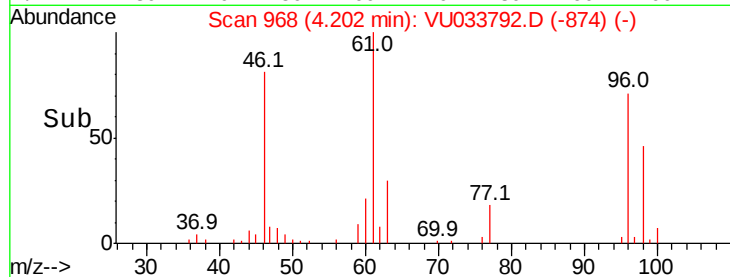
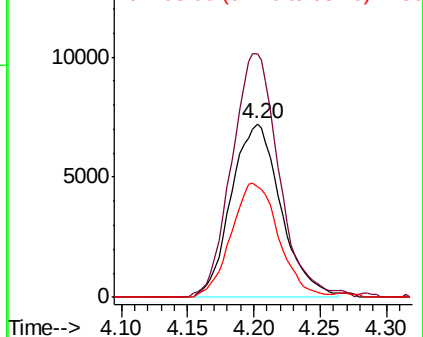


Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

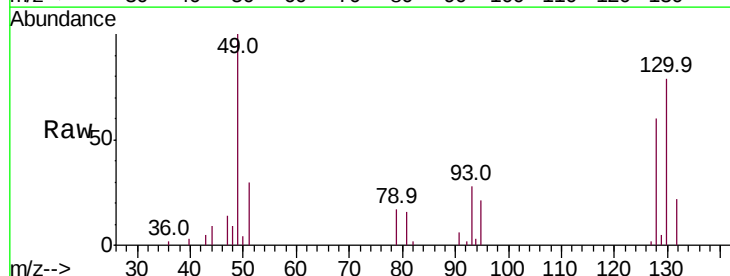
Ion 98.00 (97.70 to 98.70): VU0



#23

Bromochloromethane
 Concen: 1.120 ug/L
 RT: 4.53 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: VU033792.D
 Acq: 14 Aug 2019 10:26

Tgt Ion	Ratio	Lower	Upper
128	100		
49	166.8	106.8	198.4
130	131.7	88.3	164.1
51	49.2	40.3	60.5



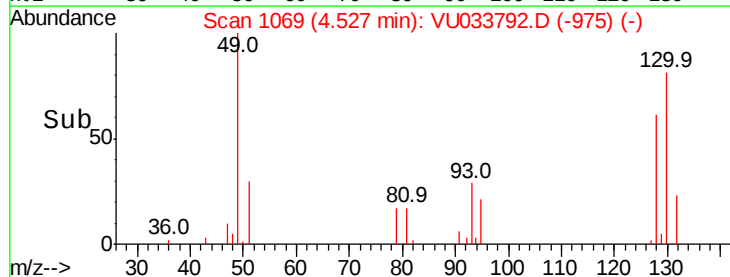
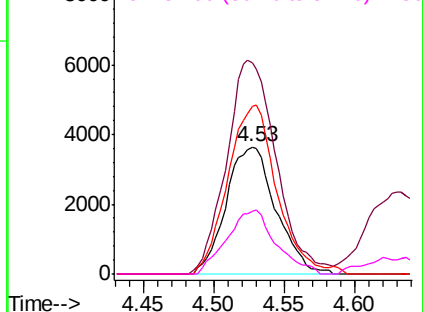
Abundance

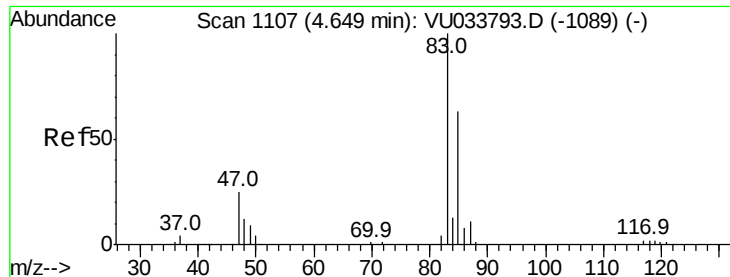
Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VU0

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VU0





#25

Chloroform

Concen: 1.175 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VU033792.D

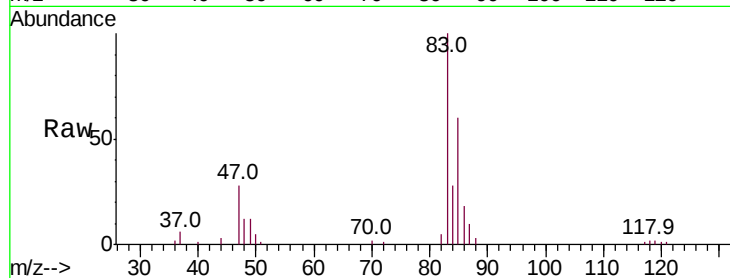
Acq: 14 Aug 2019 10:26

Tot Ion: 83 Resp: 38824

Ion Ratio Lower Upper

83 100

85 60.2 44.2 82.0



Abundance Ion 83.00 (82.70 to 83.70): VU033792.D (-1089) (-)

Ion 85.00 (84.70 to 85.70): VU033792.D (-1089) (-)

4.65

15000

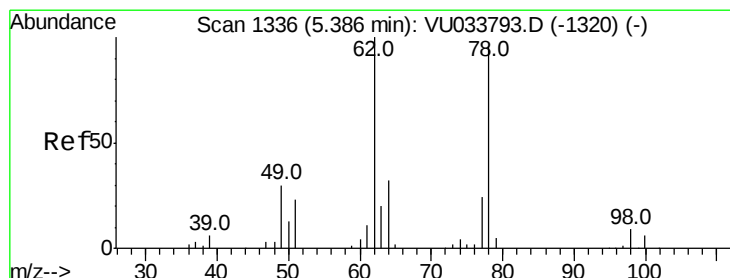
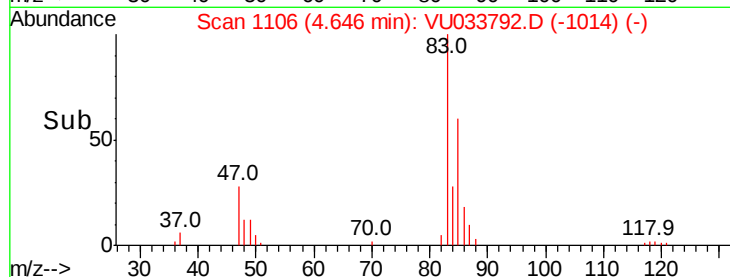
10000

5000

0

4.60 4.70

Time-->



#27

1,2-Dichloroethane

Concen: 1.150 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU033792.D

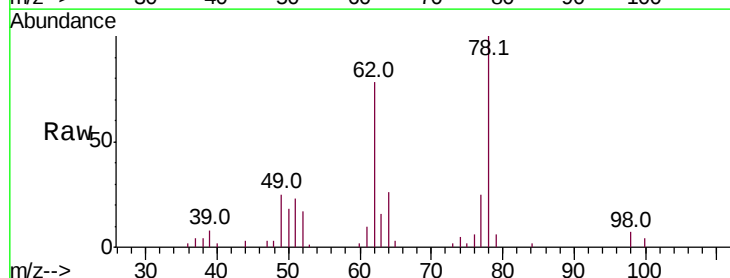
Acq: 14 Aug 2019 10:26

Tgt Ion: 62 Resp: 23414

Ion Ratio Lower Upper

62 100

98 8.4 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VU033792.D (-1243) (-)

Ion 98.00 (97.70 to 98.70): VU033792.D (-1243) (-)

12000

10000

8000

6000

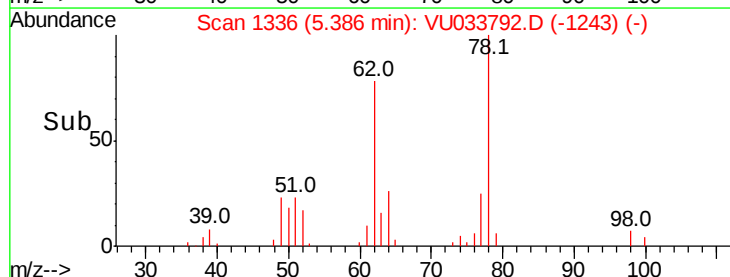
4000

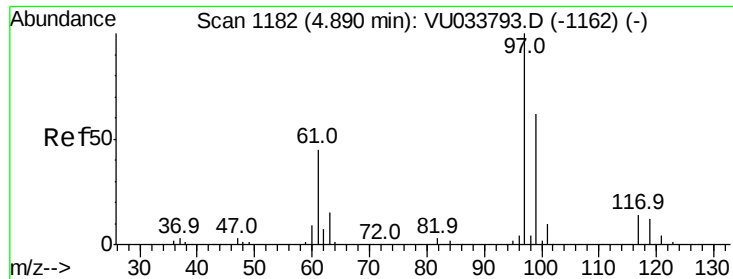
2000

0

5.30 5.40 5.50

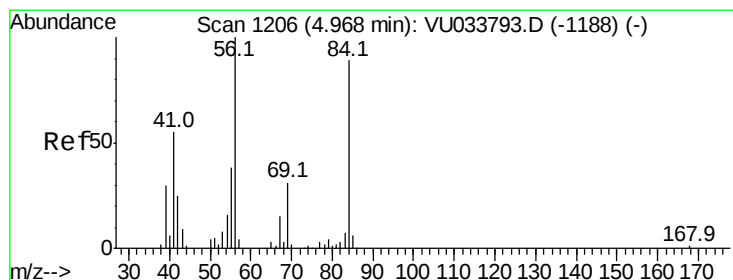
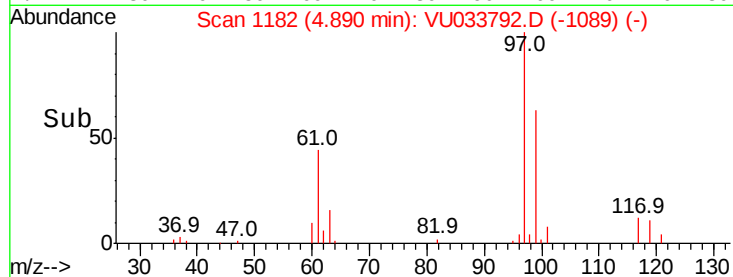
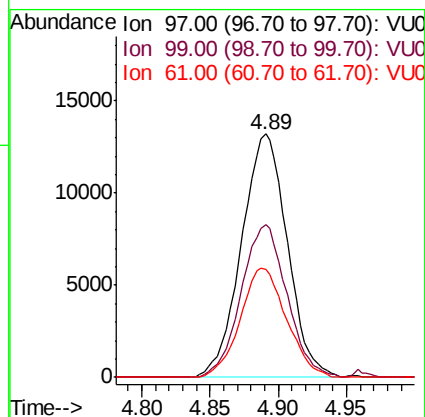
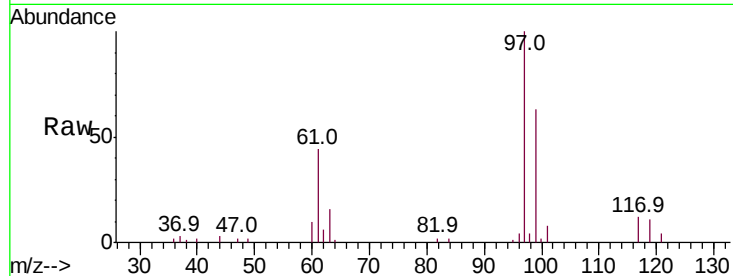
Time-->





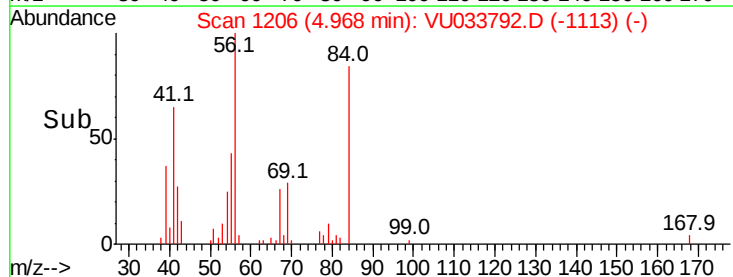
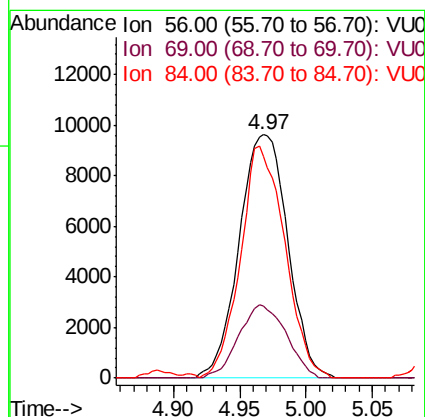
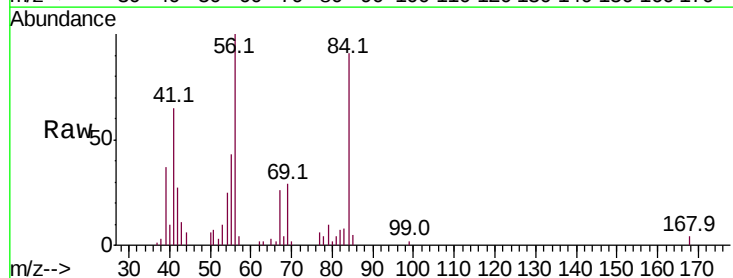
#29
 1,1,1-Trichloroethane
 Concen: 1.140 ug/L
 RT: 4.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VU033792.D
 Acq: 14 Aug 2019 10:26

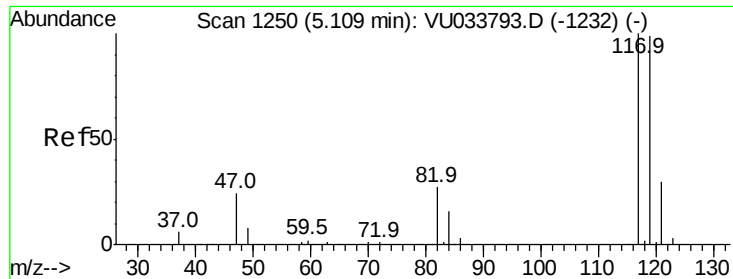
Tot Ion	97	Resp	30792
Ion	Ratio	Lower	Upper
97	100		
99	62.6	50.8	76.2
61	45.2	37.4	56.0



#30
 Cyclohexane
 Concen: 1.004 ug/L
 RT: 4.97 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: VU033792.D
 Acq: 14 Aug 2019 10:26

Tgt Ion	56	Resp	24555
Ion	Ratio	Lower	Upper
56	100		
69	29.4	25.2	37.8
84	87.2	69.8	104.6





#31

Carbon tetrachloride

Concen: 1.114 ug/L

RT: 5.11 min Scan# 1250

Delta R.T. 0.00 min

Lab File: VU033792.D

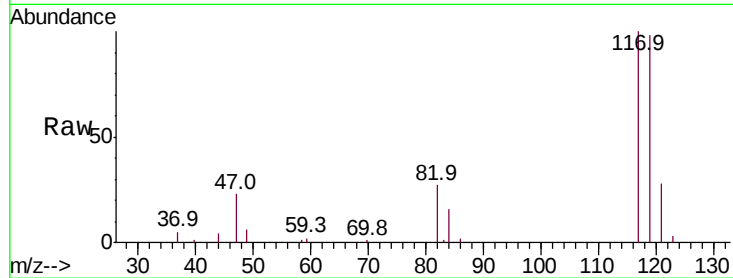
Acq: 14 Aug 2019 10:26

Tot Ion:117 Resp: 26780

Ion Ratio Lower Upper

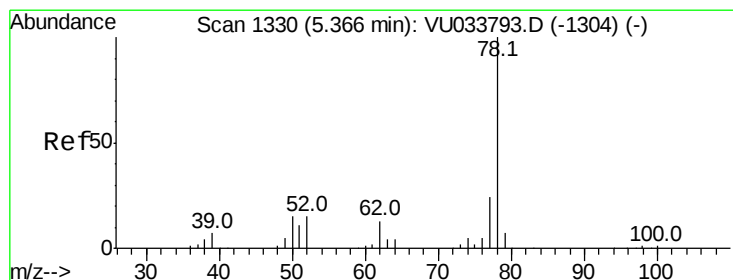
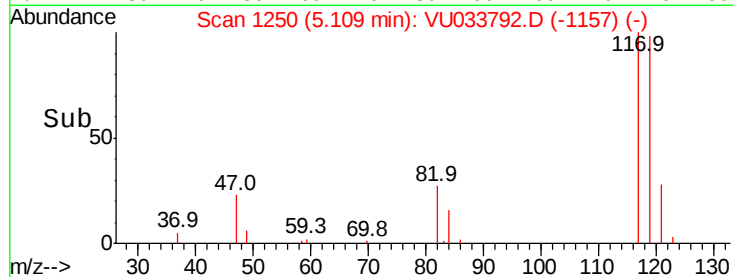
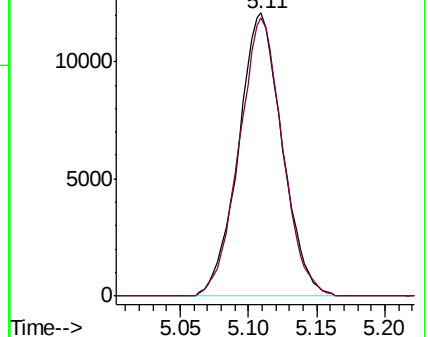
117 100

119 97.6 78.5 117.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 1.069 ug/L

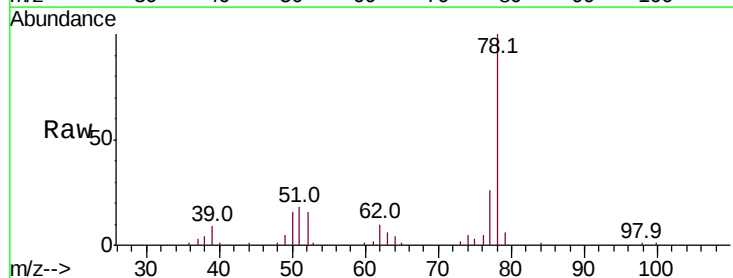
RT: 5.37 min Scan# 1330

Delta R.T. 0.00 min

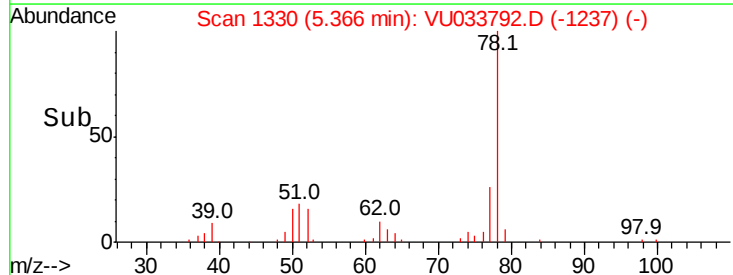
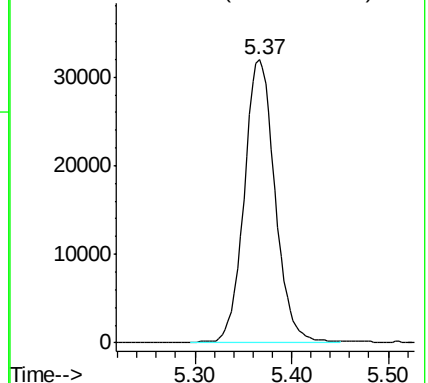
Lab File: VU033792.D

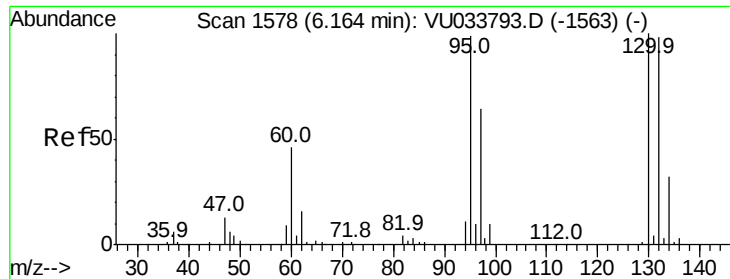
Acq: 14 Aug 2019 10:26

Tgt Ion: 78 Resp: 70959



Abundance Ion 78.00 (77.70 to 78.70): VU0





#34

Trichloroethene

Concen: 1.132 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU033792.D

Acq: 14 Aug 2019 10:26

Tot Ion: 95 Resp: 19702

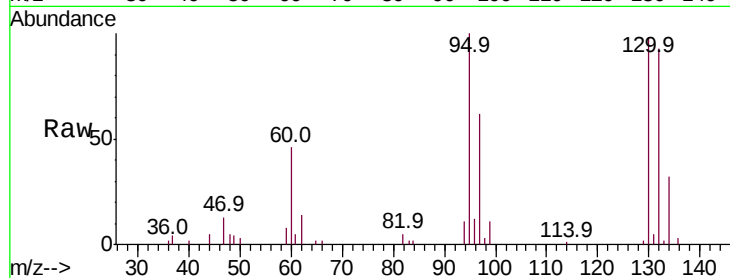
Ion Ratio Lower Upper

95 100

97 62.2 45.4 84.4

132 93.2 68.9 127.9

130 98.0 70.5 130.9

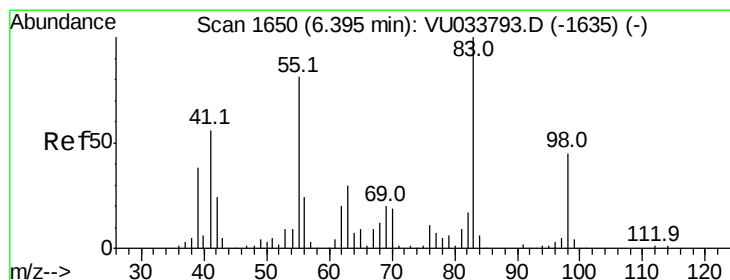
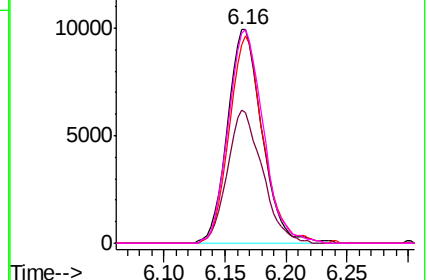
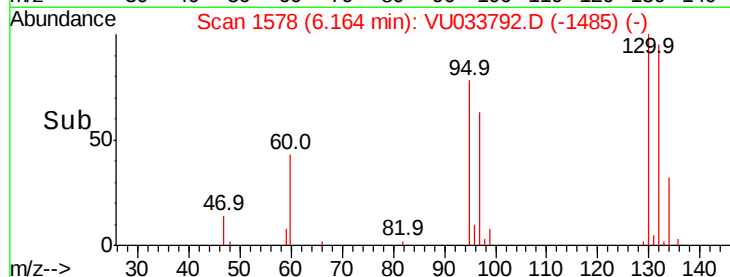


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 0.969 ug/L

RT: 6.39 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU033792.D

Acq: 14 Aug 2019 10:26

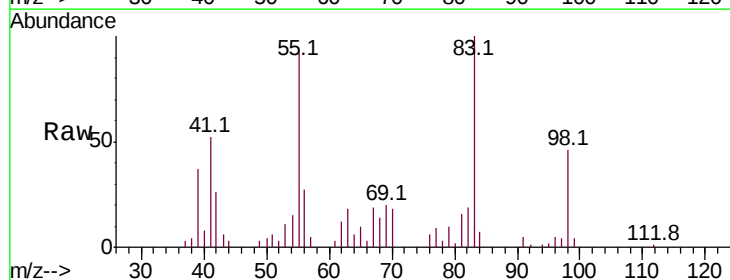
Tgt Ion: 83 Resp: 25288

Ion Ratio Lower Upper

83 100

55 85.1 65.0 97.6

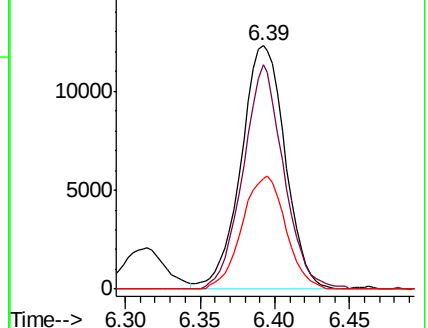
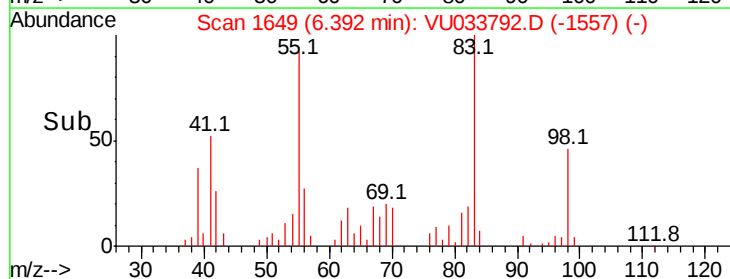
98 46.0 36.2 54.4

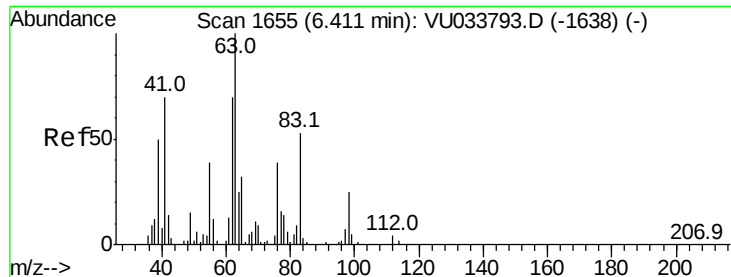


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

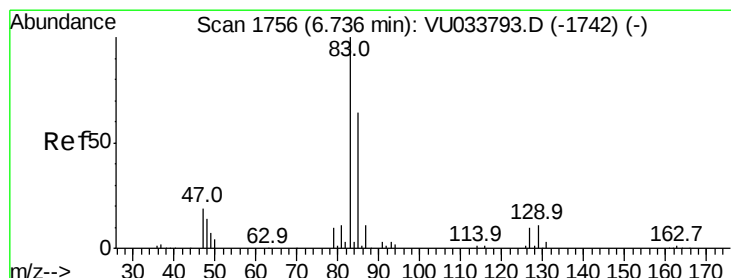
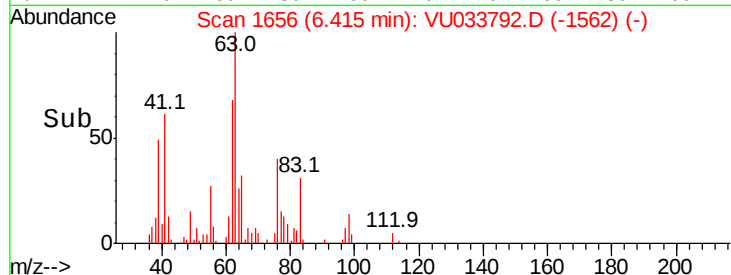
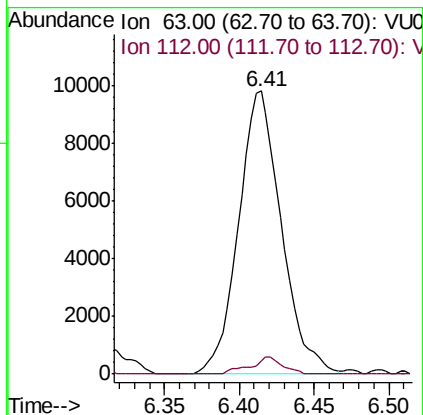
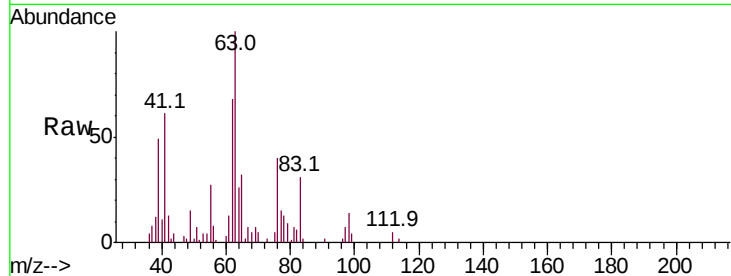
Ion 98.00 (97.70 to 98.70): VU0





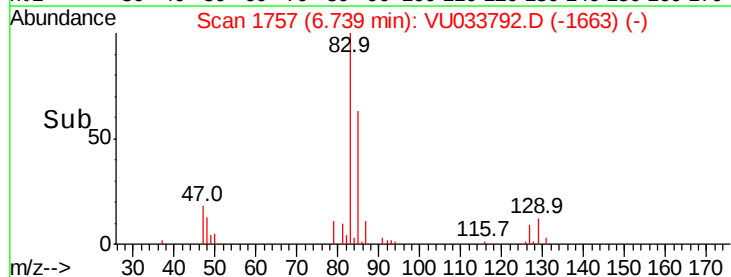
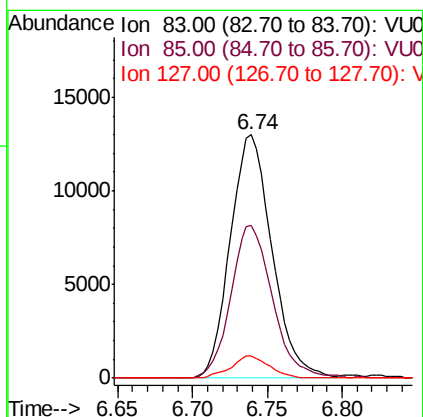
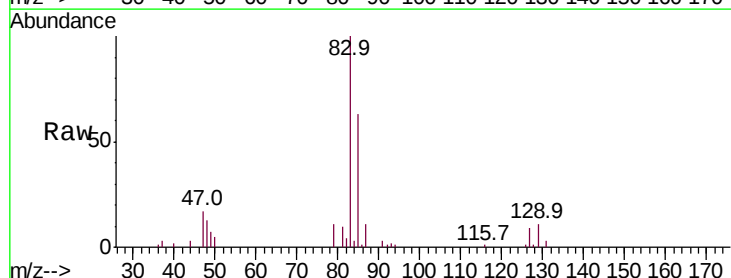
#37
 1,2-Dichloropropane
 Concen: 1.087 ug/L
 RT: 6.41 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: VU033792.D
 Acq: 14 Aug 2019 10:26

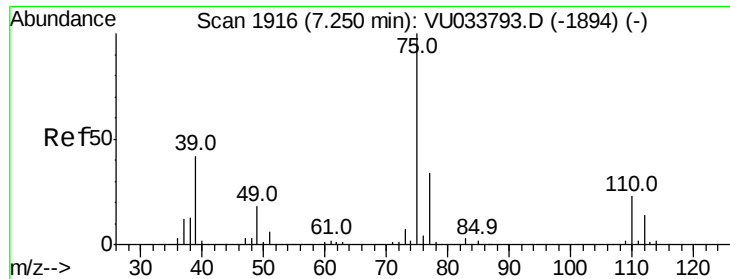
Tot Ion: 63 Resp: 19493
 Ion Ratio Lower Upper
 63 100
 112 4.6 3.3 4.9



#38
 Bromodichloromethane
 Concen: 1.118 ug/L
 RT: 6.74 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VU033792.D
 Acq: 14 Aug 2019 10:26

Tgt Ion: 83 Resp: 25300
 Ion Ratio Lower Upper
 83 100
 85 62.8 45.0 83.6
 127 10.0 7.8 11.6

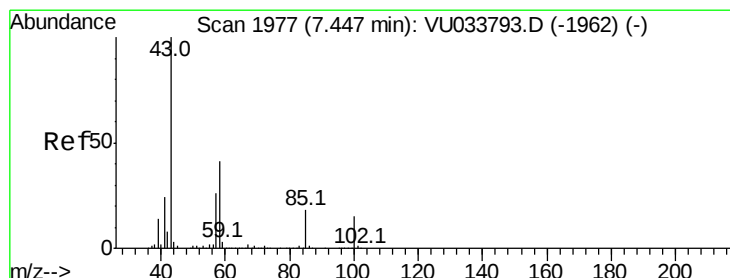
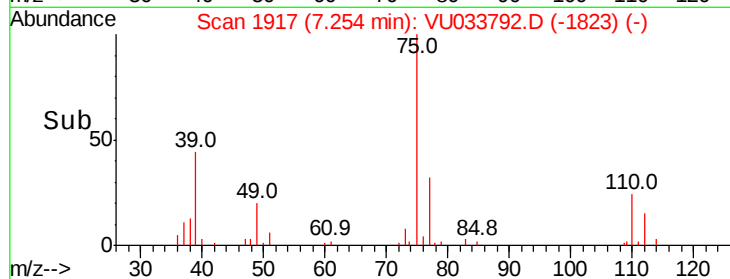
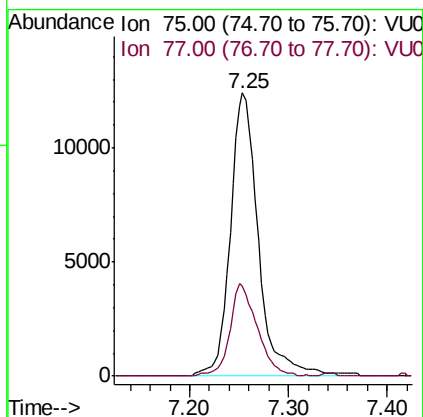
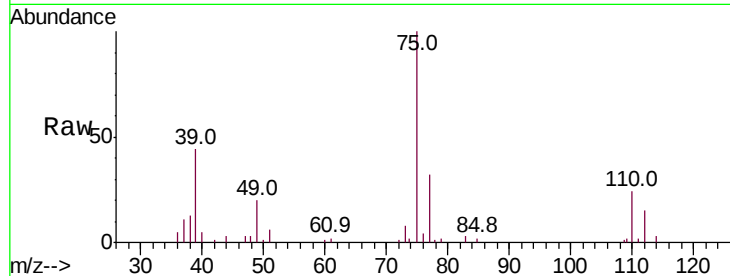




#39

cis-1,3-Dichloropropene
Concen: 1.015 ug/L
RT: 7.25 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VU033792.D
Acq: 14 Aug 2019 10:26

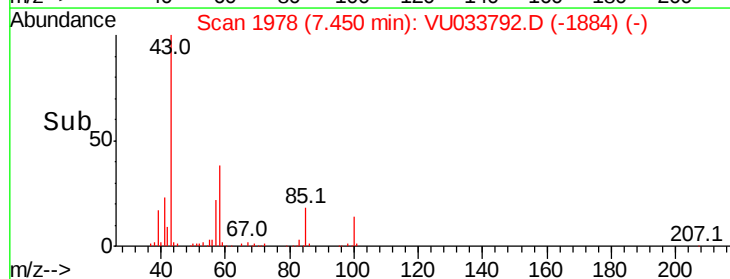
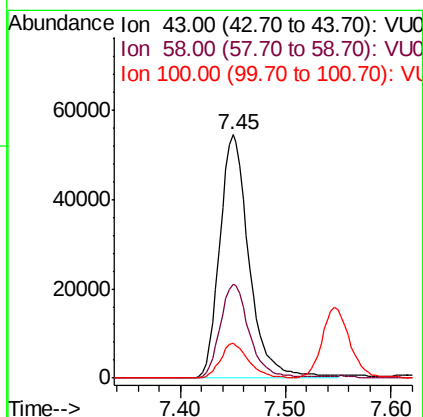
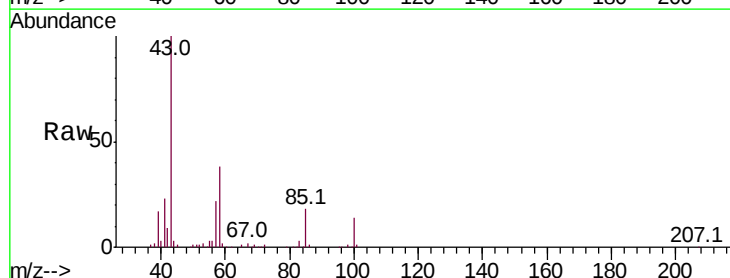
Tot Ion: 75 Resp: 24561
Ion Ratio Lower Upper
75 100
77 32.0 23.6 43.8

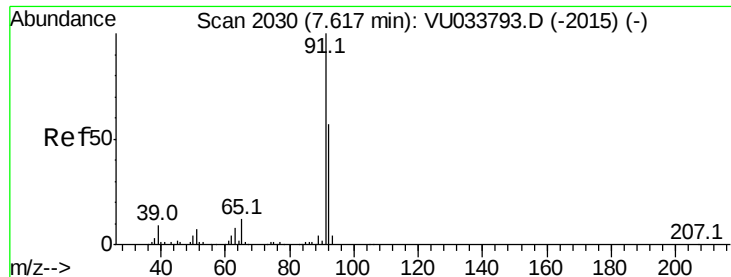


#40

4-Methyl-2-pentanone
Concen: 10.175 ug/L
RT: 7.45 min Scan# 1978
Delta R.T. 0.00 min
Lab File: VU033792.D
Acq: 14 Aug 2019 10:26

Tgt Ion: 43 Resp: 105468
Ion Ratio Lower Upper
43 100
58 38.1 32.2 48.4
100 13.8 11.9 17.9





#42

Toluene

Concen: 1.041 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU033792.D

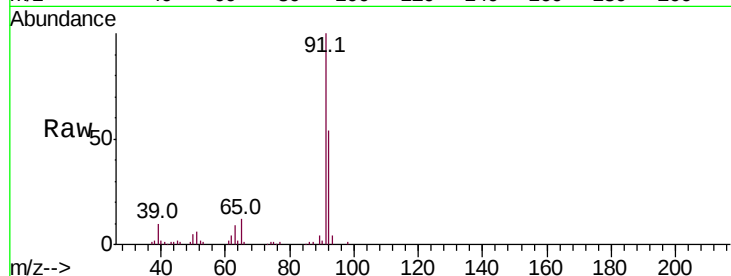
Acq: 14 Aug 2019 10:26

Tot Ion: 91 Resp: 72602

Ion Ratio Lower Upper

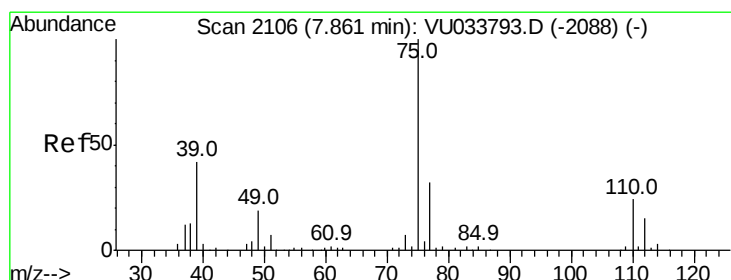
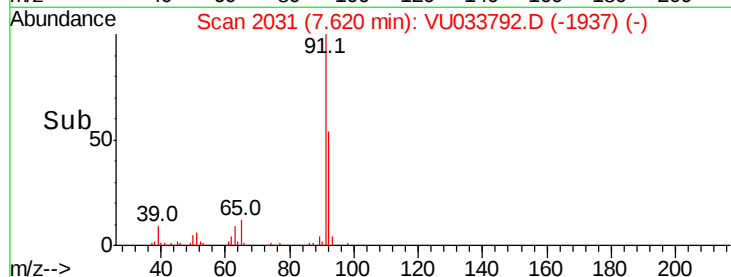
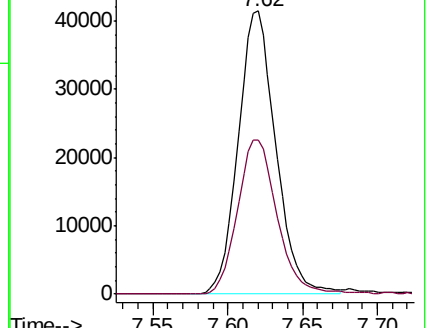
91 100

92 54.5 40.0 74.4



Abundance Ion 91.00 (90.70 to 91.70): VU033792.D (-2015) (-)

Ion 92.00 (91.70 to 92.70): VU033792.D (-2015) (-)



#44

trans-1,3-Dichloropropene

Concen: 1.037 ug/L

RT: 7.87 min Scan# 2108

Delta R.T. 0.01 min

Lab File: VU033792.D

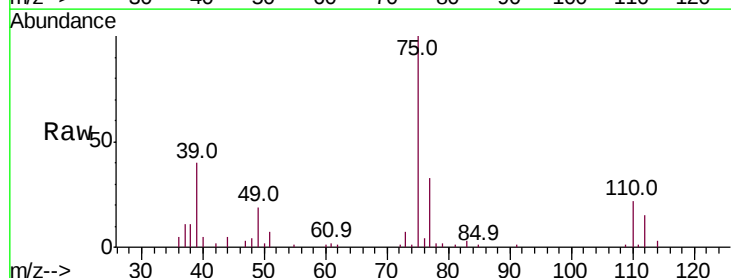
Acq: 14 Aug 2019 10:26

Tgt Ion: 75 Resp: 20977

Ion Ratio Lower Upper

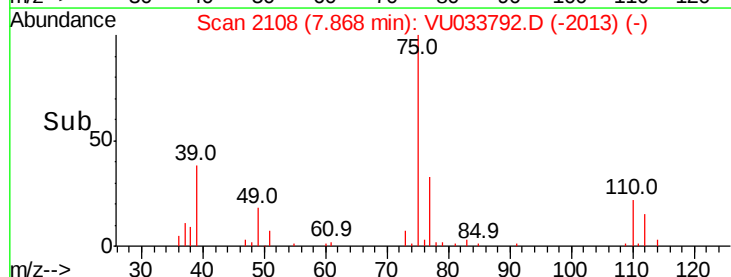
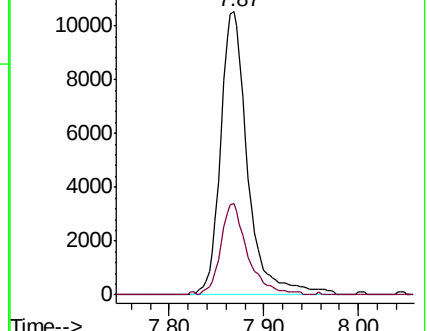
75 100

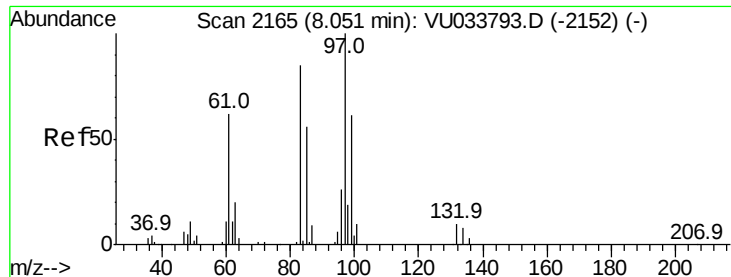
77 32.5 22.3 41.3



Abundance Ion 75.00 (74.70 to 75.70): VU033792.D (-2088) (-)

Ion 77.00 (76.70 to 77.70): VU033792.D (-2088) (-)





#45

1,1,2-Trichloroethane

Concen: 1.139 ug/L

RT: 8.05 min Scan# 2166

Delta R.T. 0.00 min

Lab File: VU033792.D

Acq: 14 Aug 2019 10:26

Tot Ion: 97 Resp: 14598

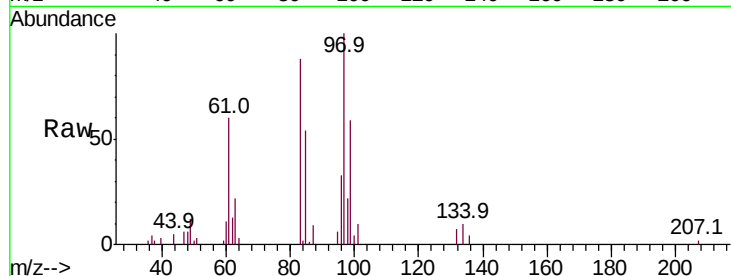
Ion	Ratio	Lower	Upper
97	100		
99	59.1	42.6	79.0
83	87.7	59.8	111.1
85	54.2	39.3	72.9

97 100

99 59.1 42.6 79.0

83 87.7 59.8 111.1

85 54.2 39.3 72.9



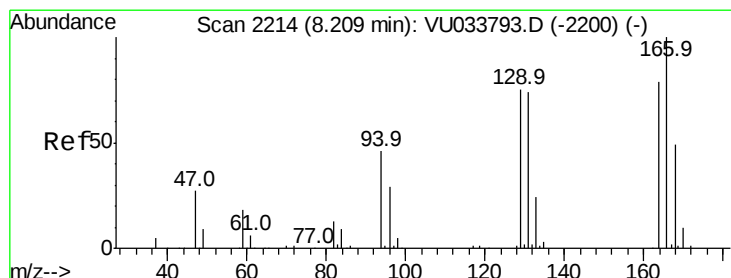
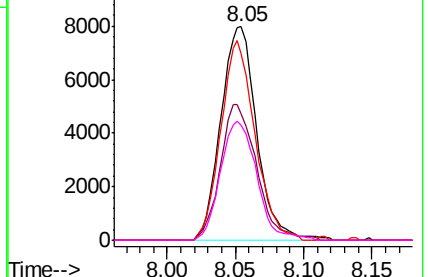
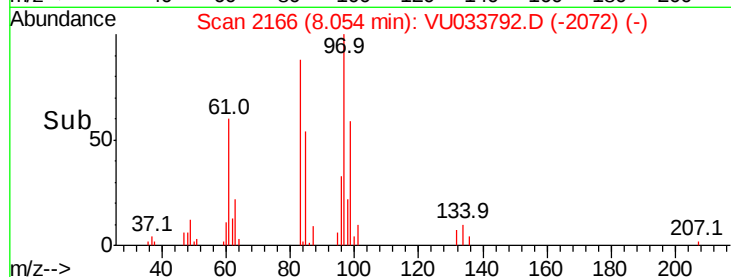
Abundance

Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#47

Tetrachloroethene

Concen: 1.107 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU033792.D

Acq: 14 Aug 2019 10:26

Tgt Ion: 164 Resp: 16070

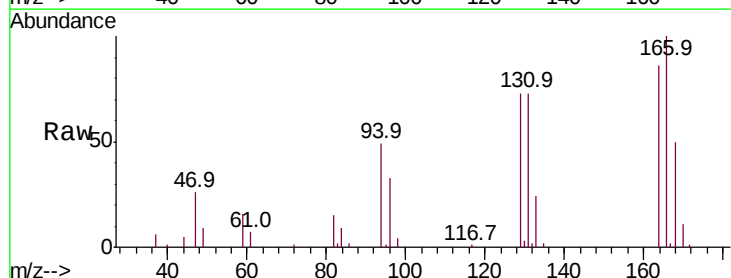
Ion	Ratio	Lower	Upper
164	100		
129	85.1	66.1	122.7
131	85.0	65.2	121.2
166	116.0	88.5	164.4

164 100

129 85.1 66.1 122.7

131 85.0 65.2 121.2

166 116.0 88.5 164.4



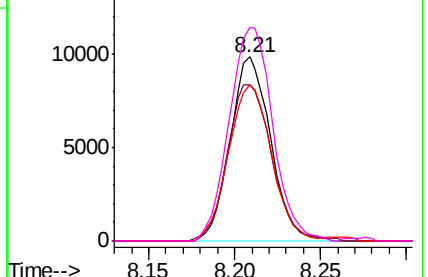
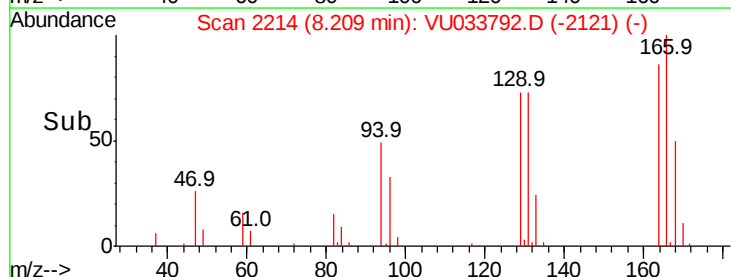
Abundance

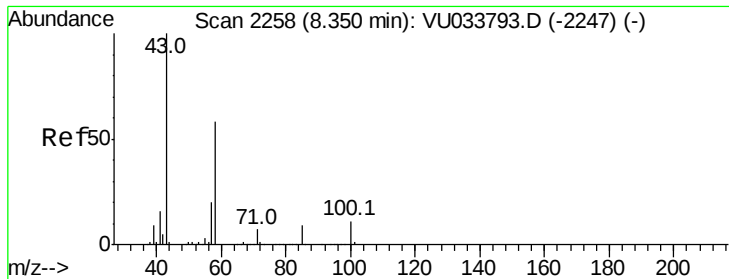
Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#48

2-Hexanone

Concen: 9.819 ug/L

RT: 8.35 min Scan# 2259

Delta R.T. 0.00 min

Lab File: VU033792.D

Acq: 14 Aug 2019 10:26

Tot Ion: 43 Resp: 73606

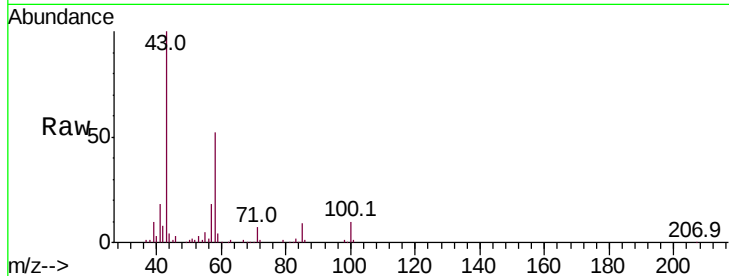
Ion	Ratio	Lower	Upper
43	100		
58	52.7	45.2	67.8
57	18.1	15.7	23.5
100	10.6	8.6	13.0

43 100

58 52.7 45.2 67.8

57 18.1 15.7 23.5

100 10.6 8.6 13.0



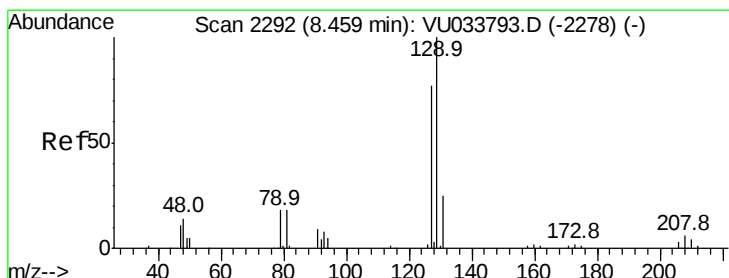
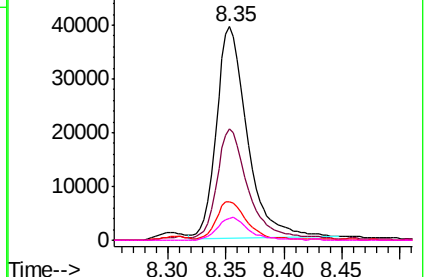
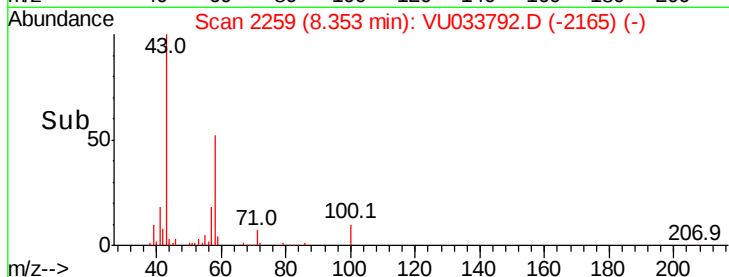
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

Time-->



#49

Dibromochloromethane

Concen: 1.061 ug/L

RT: 8.46 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU033792.D

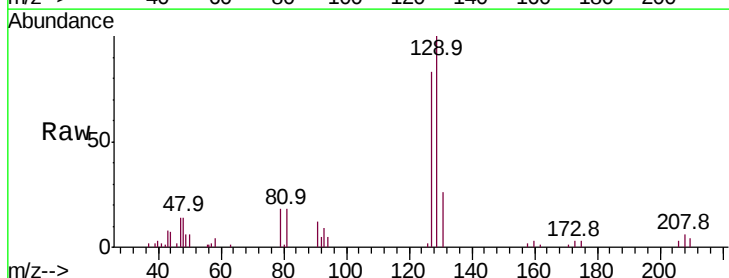
Acq: 14 Aug 2019 10:26

Tgt Ion: 129 Resp: 16490

Ion	Ratio	Lower	Upper
129	100		
127	82.5	54.2	100.6

129 100

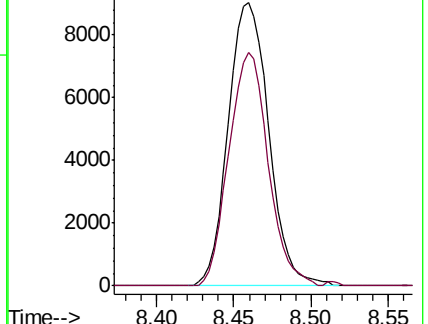
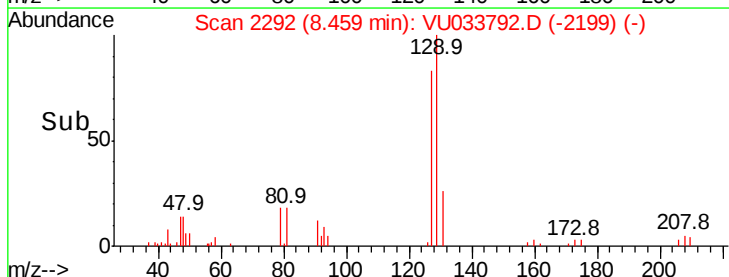
127 82.5 54.2 100.6

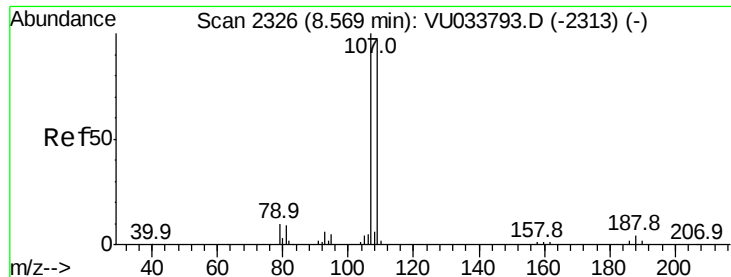


Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

Time-->





#50

1,2-Dibromoethane

Concen: 1.097 ug/L

RT: 8.57 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VU033792.D

Acq: 14 Aug 2019 10:26

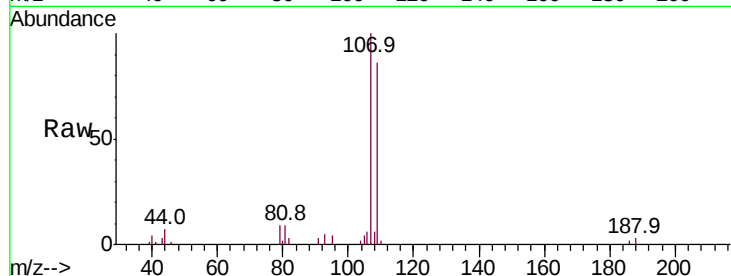
Tot Ion:107 Resp: 13598

Ion Ratio Lower Upper

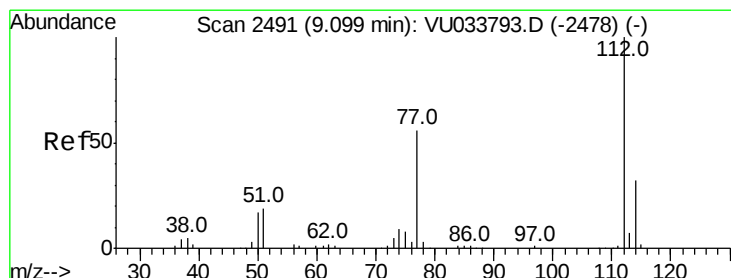
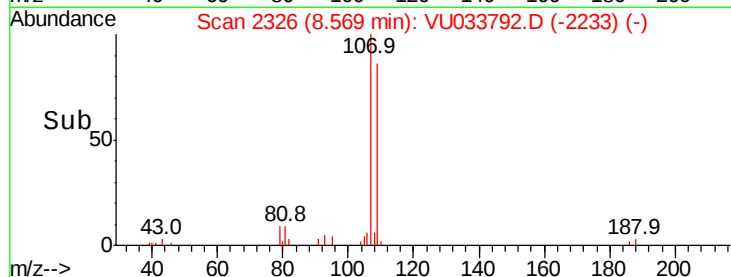
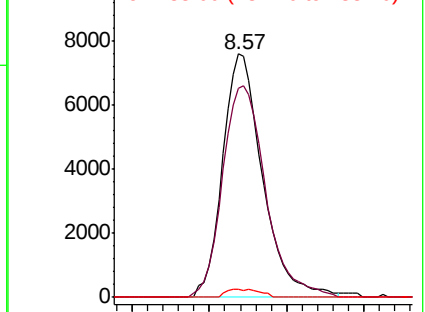
107 100

109 85.6 68.3 126.8

188 3.1 3.0 4.6



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V



#51

Chlorobenzene

Concen: 1.085 ug/L

RT: 9.10 min Scan# 2492

Delta R.T. 0.00 min

Lab File: VU033792.D

Acq: 14 Aug 2019 10:26

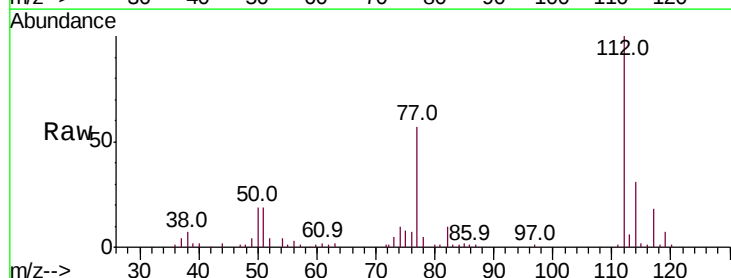
Tgt Ion:112 Resp: 48729

Ion Ratio Lower Upper

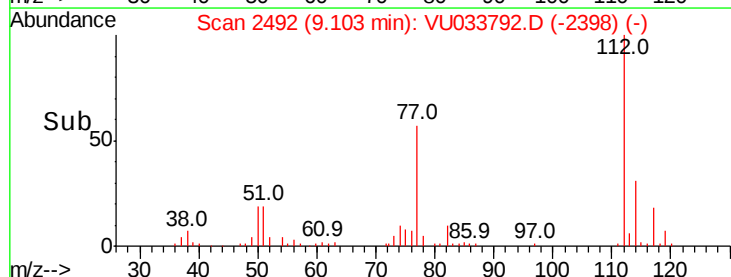
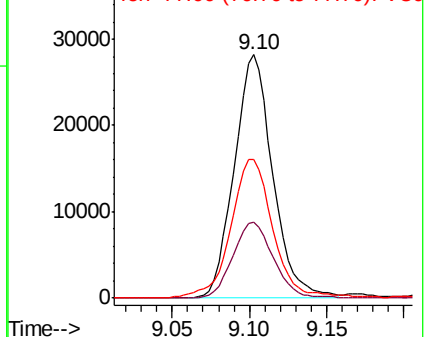
112 100

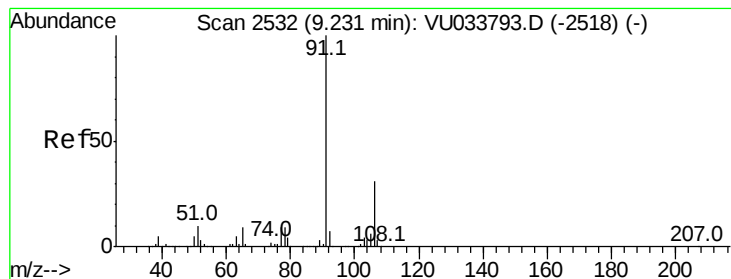
114 31.4 22.5 41.7

77 57.1 45.3 67.9



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): VU





#52

Ethylbenzene

Concen: 0.973 ug/L

RT: 9.23 min Scan# 2532

Delta R.T. 0.00 min

Lab File: VU033792.D

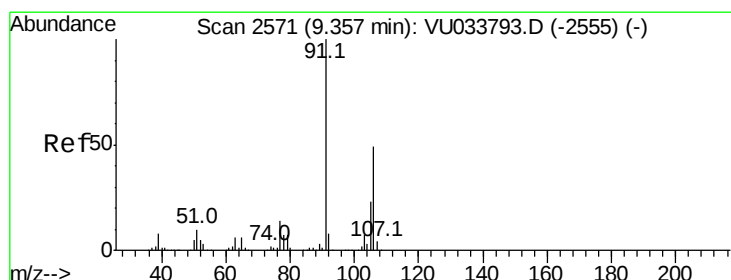
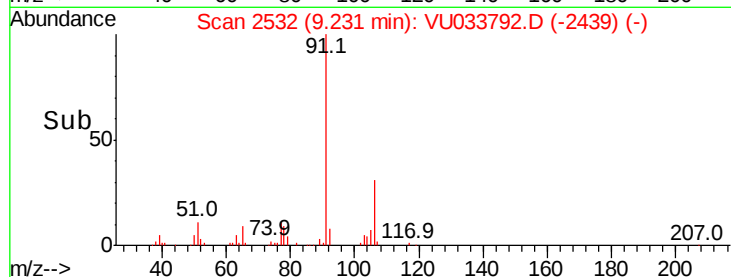
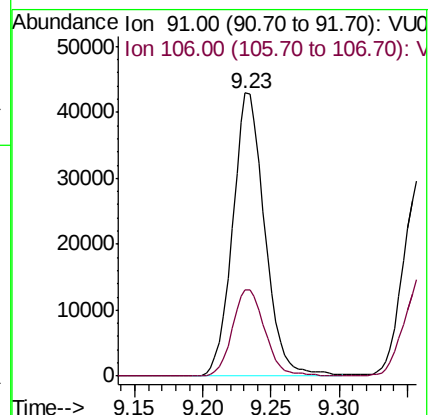
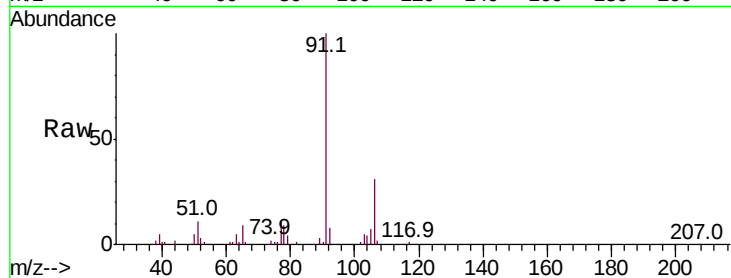
Acq: 14 Aug 2019 10:26

Tot Ion: 91 Resp: 70260

Ion Ratio Lower Upper

91 100

106 30.7 21.6 40.0



#53

m,p-Xylene

Concen: 0.937 ug/L

RT: 9.36 min Scan# 2572

Delta R.T. 0.00 min

Lab File: VU033792.D

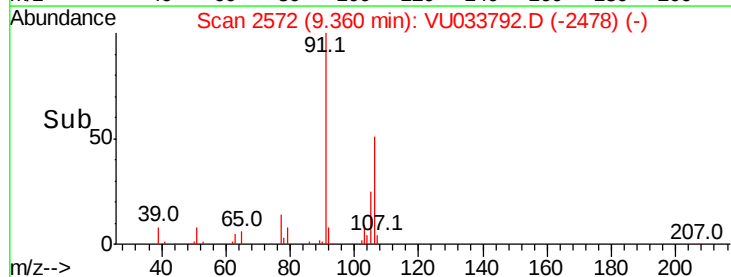
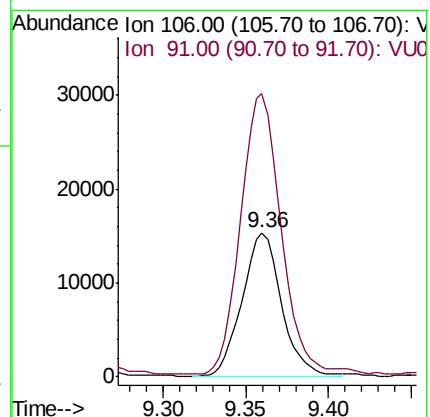
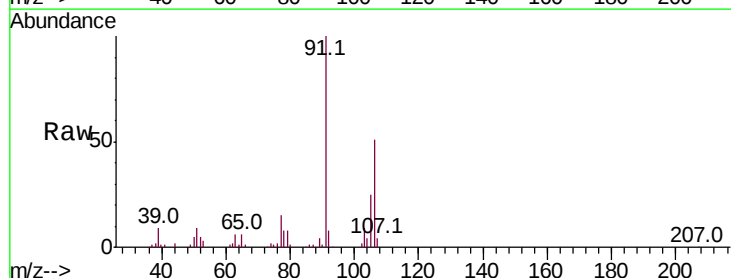
Acq: 14 Aug 2019 10:26

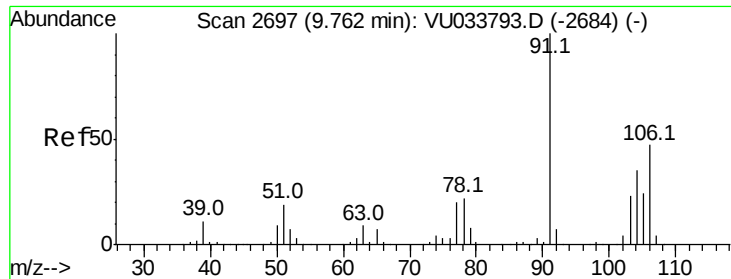
Tgt Ion: 106 Resp: 25499

Ion Ratio Lower Upper

106 100

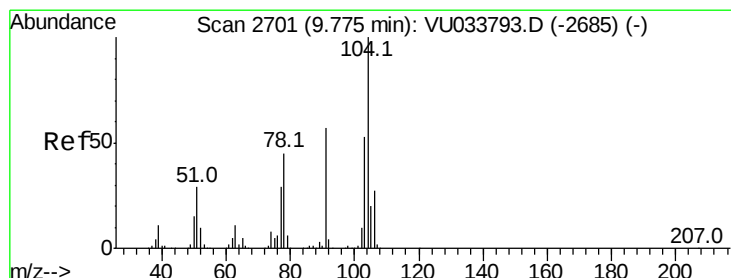
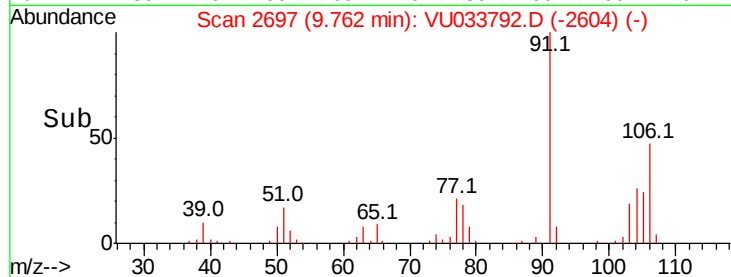
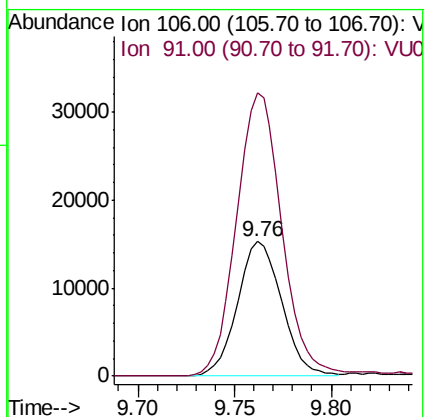
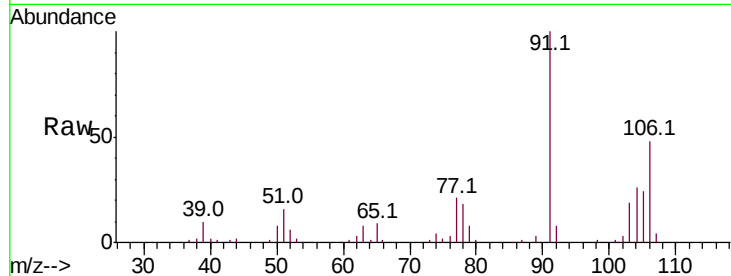
91 196.0 142.7 265.1





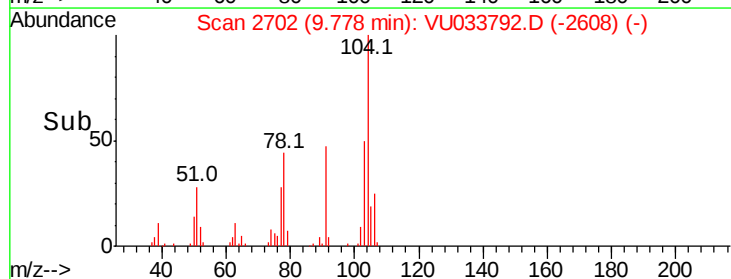
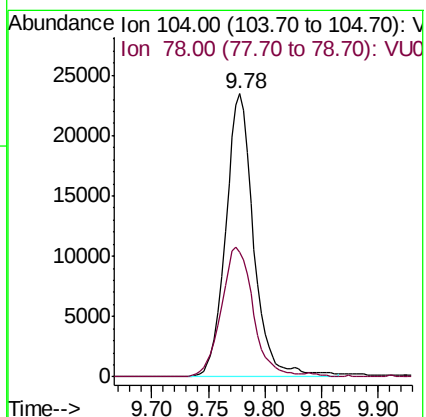
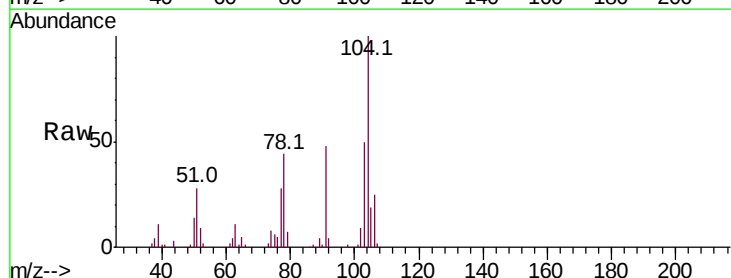
#54
o-Xylene
Concen: 0.943 ug/L
RT: 9.76 min Scan# 2697
Delta R.T. 0.00 min
Lab File: VU033792.D
Acq: 14 Aug 2019 10:26

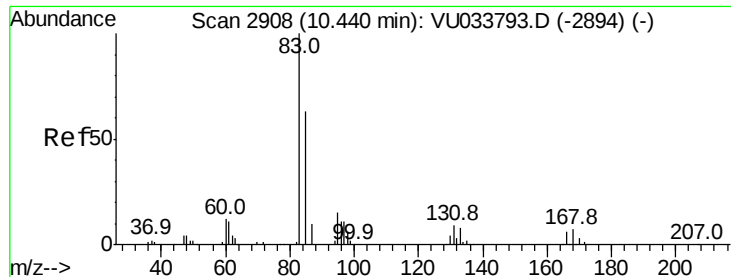
Tot Ion:106 Resp: 24363
Ion Ratio Lower Upper
106 100
91 210.1 149.5 277.7



#55
Styrene
Concen: 0.903 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU033792.D
Acq: 14 Aug 2019 10:26

Tgt Ion:104 Resp: 40502
Ion Ratio Lower Upper
104 100
78 44.2 31.8 59.0





#57

1,1,2,2-Tetrachloroethane

Concen: 1.135 ug/L

RT: 10.44 min Scan# 2909

Delta R.T. 0.00 min

Lab File: VU033792.D

Acq: 14 Aug 2019 10:26

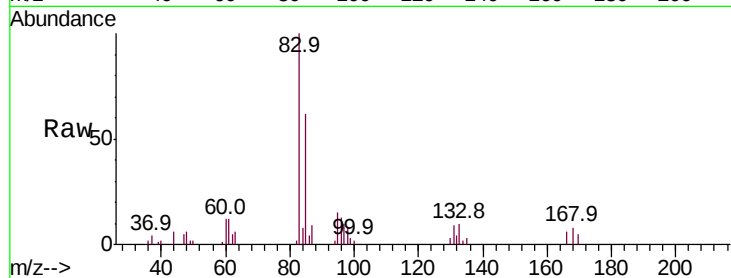
Tot Ion: 83 Resp: 19103

Ion Ratio Lower Upper

83 100

85 61.9 44.4 82.4

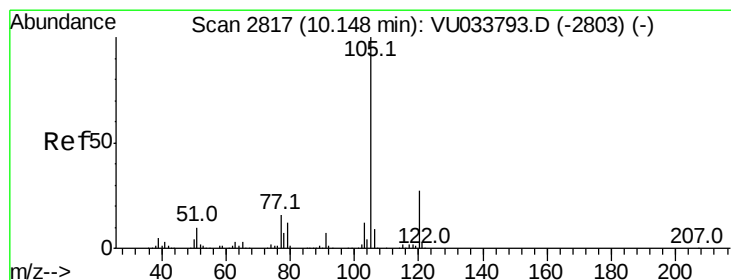
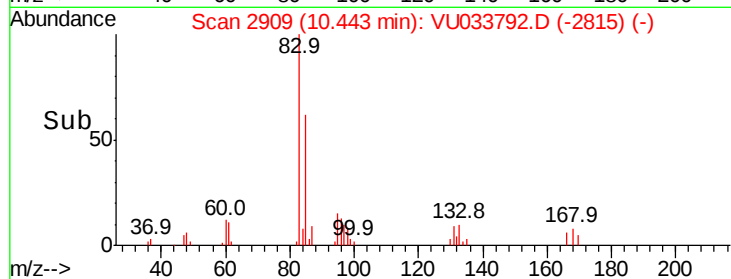
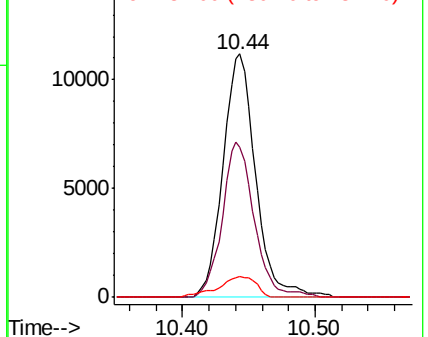
131 8.6 7.6 11.4



Abundance Ion 83.00 (82.70 to 83.70): VU033792.D (-2894) (-)

Ion 85.00 (84.70 to 85.70): VU033792.D (-2894) (-)

Ion 131.00 (130.70 to 131.70): VU033792.D (-2894) (-)



#59

Isopropylbenzene

Concen: 1.001 ug/L

RT: 10.15 min Scan# 2818

Delta R.T. 0.00 min

Lab File: VU033792.D

Acq: 14 Aug 2019 10:26

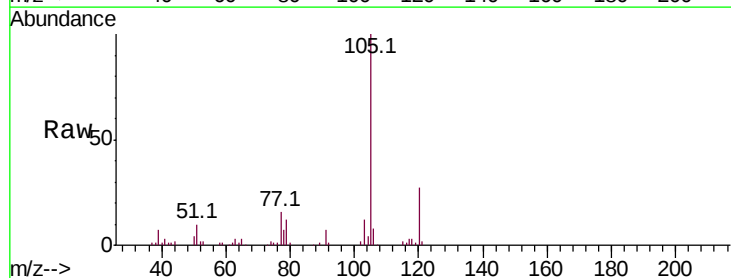
Tgt Ion:105 Resp: 63555

Ion Ratio Lower Upper

105 100

120 26.9 21.5 32.3

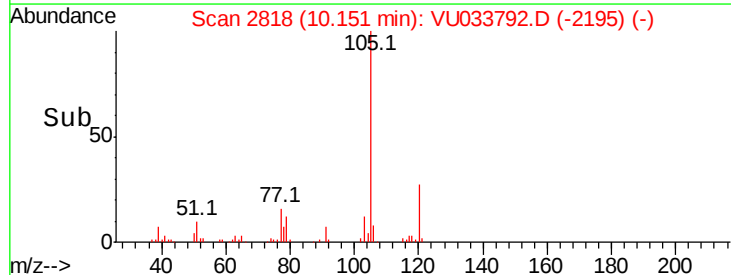
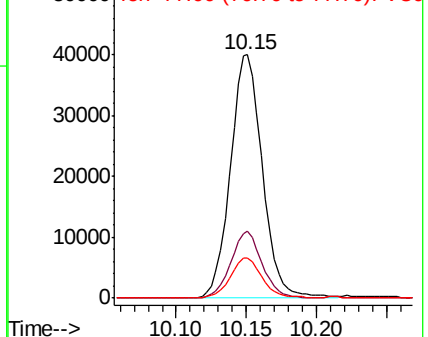
77 16.4 12.8 19.2

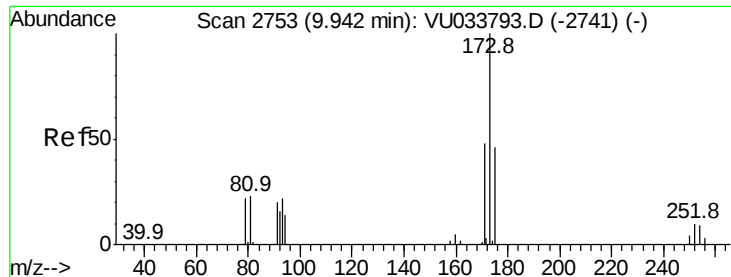


Abundance Ion 105.00 (104.70 to 105.70): VU033792.D (-2195) (-)

Ion 120.00 (119.70 to 120.70): VU033792.D (-2195) (-)

Ion 77.00 (76.70 to 77.70): VU033792.D (-2195) (-)





#60

Bromoform

Concen: 1.127 ug/L

RT: 9.94 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VU033792.D

Acq: 14 Aug 2019 10:26

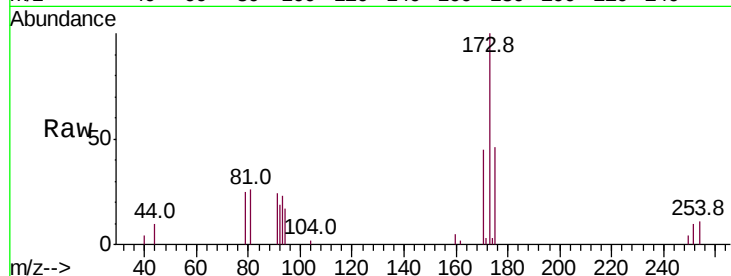
Tot Ion:173 Resp: 9584

Ion Ratio Lower Upper

173 100

175 47.7 36.6 55.0

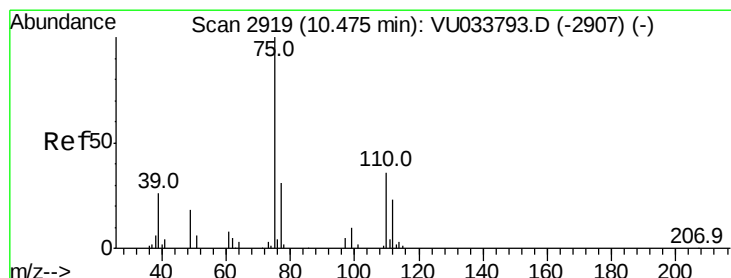
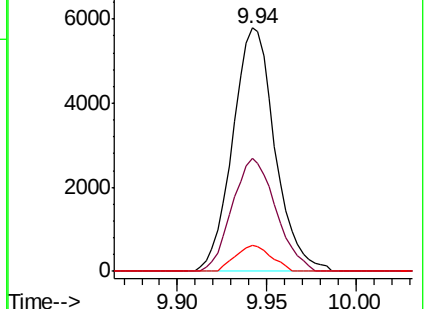
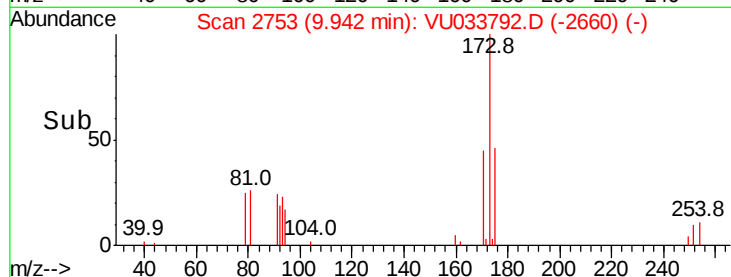
254 9.1 7.0 10.4



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#61

1,2,3-Trichloropropane

Concen: 0.357 ug/L

RT: 10.48 min Scan# 2920

Delta R.T. 0.00 min

Lab File: VU033792.D

Acq: 14 Aug 2019 10:26

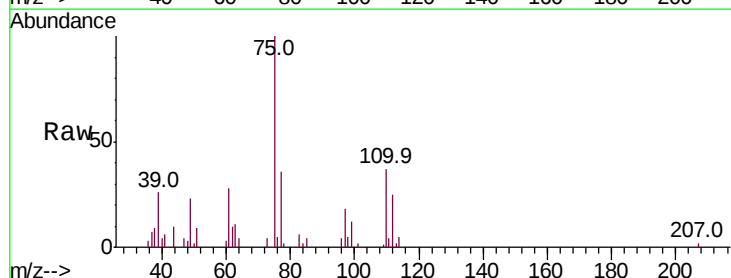
Tgt Ion: 75 Resp: 12874

Ion Ratio Lower Upper

75 100

77 34.5 25.8 38.6

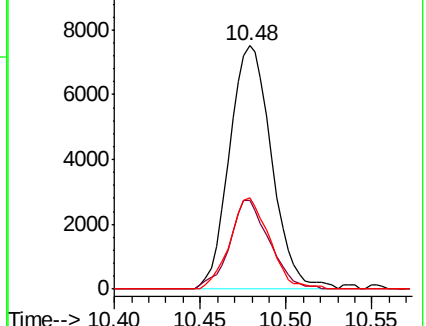
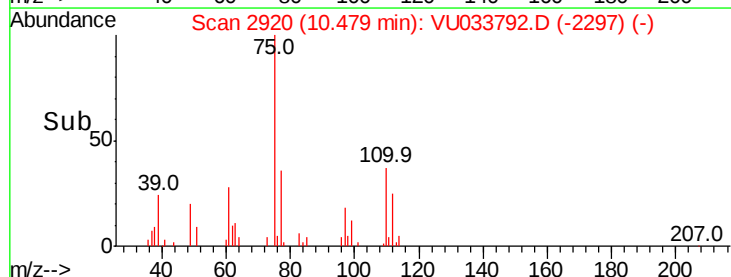
110 35.0 28.9 43.3

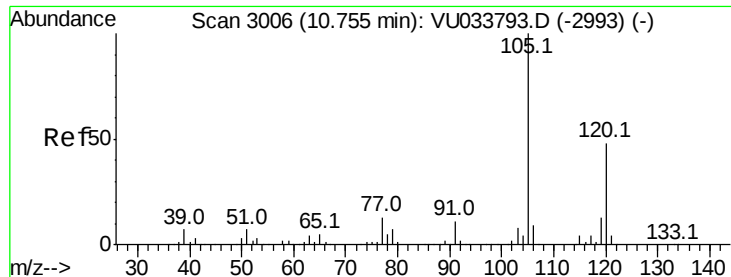


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

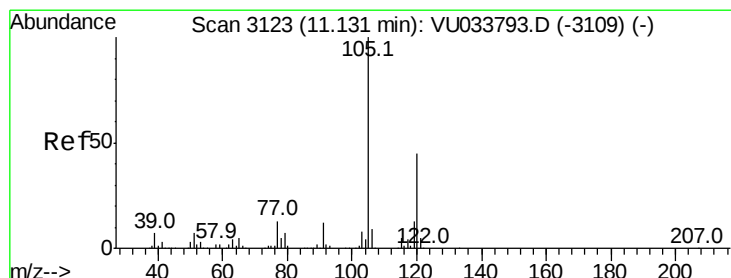
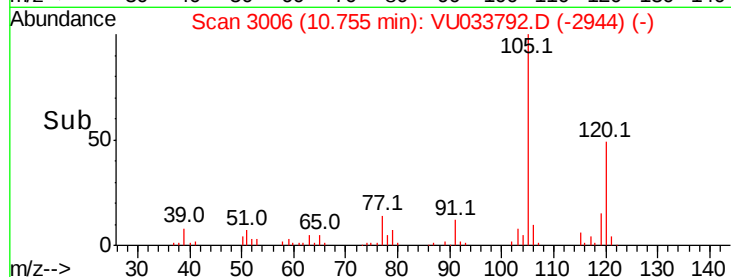
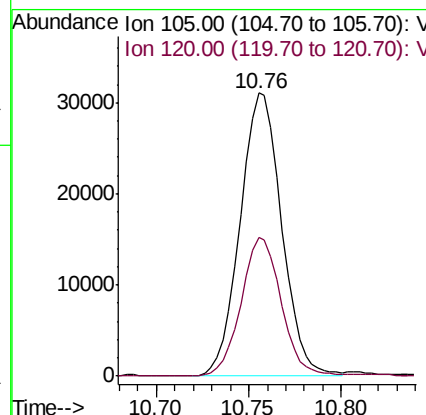
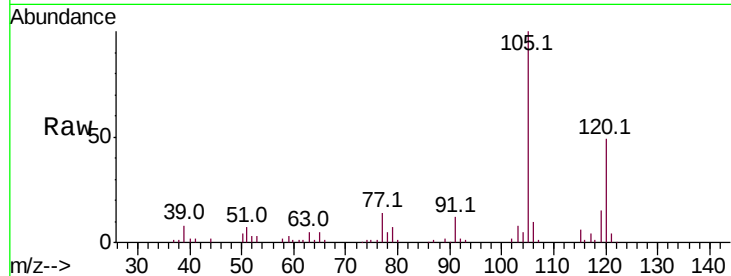




#62

1,3,5-Trimethylbenzene
Concen: 0.939 ug/L
RT: 10.76 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VU033792.D
Acq: 14 Aug 2019 10:26

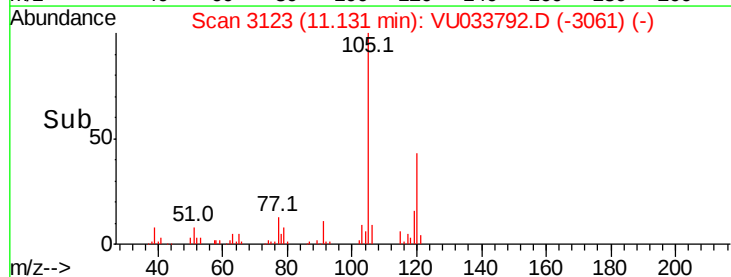
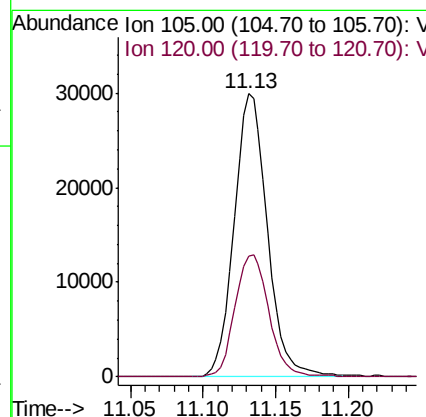
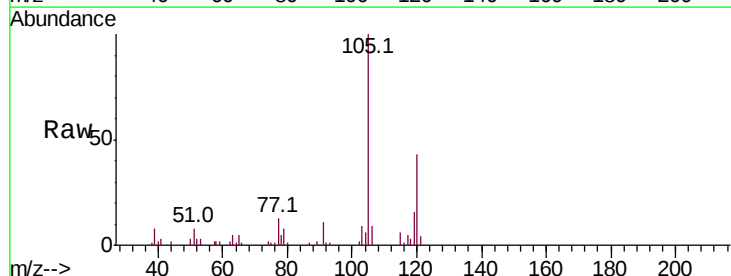
Tot Ion:105 Resp: 48393
Ion Ratio Lower Upper
105 100
120 47.4 38.6 58.0

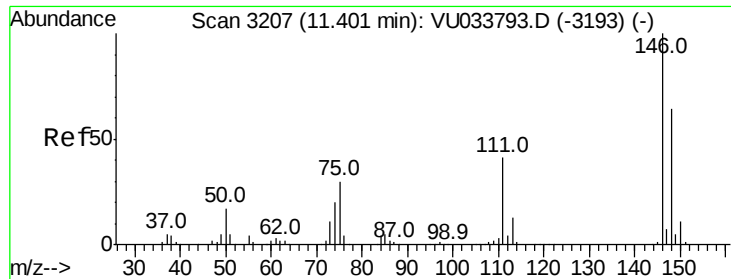


#63

1,2,4-Trimethylbenzene
Concen: 0.924 ug/L
RT: 11.13 min Scan# 3123
Delta R.T. 0.00 min
Lab File: VU033792.D
Acq: 14 Aug 2019 10:26

Tgt Ion:105 Resp: 47509
Ion Ratio Lower Upper
105 100
120 44.4 36.5 54.7





#64

1,3-Dichlorobenzene

Concen: 1.125 ug/L

RT: 11.40 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU033792.D

Acq: 14 Aug 2019 10:26

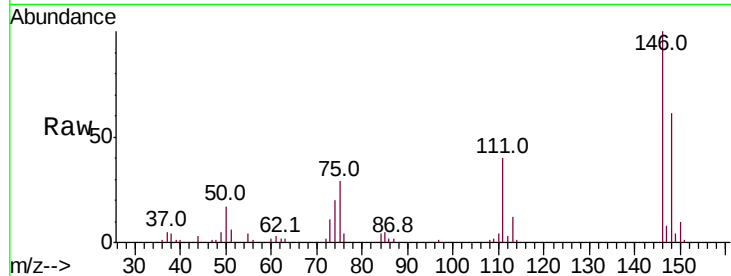
Tot Ion:146 Resp: 38185

Ion Ratio Lower Upper

146 100

111 40.2 28.5 52.9

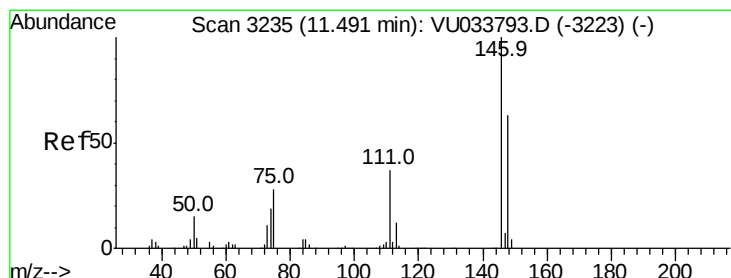
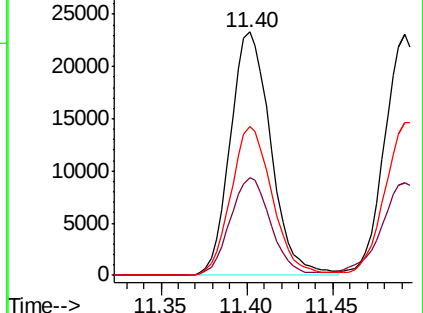
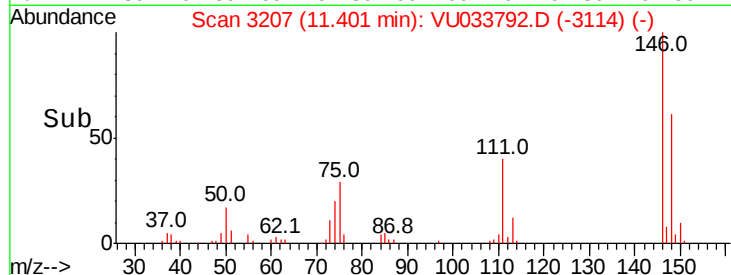
148 61.3 44.6 82.8



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,4-Dichlorobenzene

Concen: 1.097 ug/L

RT: 11.49 min Scan# 3235

Delta R.T. 0.00 min

Lab File: VU033792.D

Acq: 14 Aug 2019 10:26

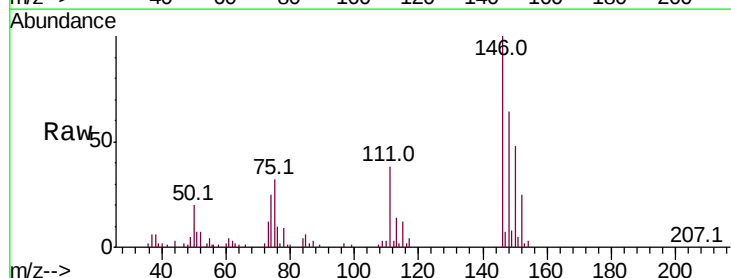
Tgt Ion:146 Resp: 38340

Ion Ratio Lower Upper

146 100

111 38.4 26.2 48.8

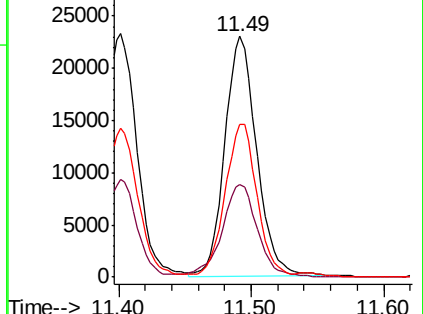
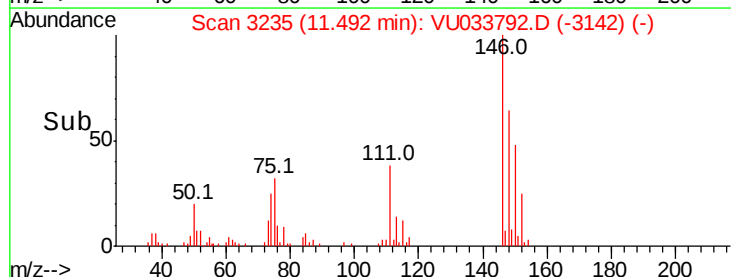
148 63.7 44.2 82.0

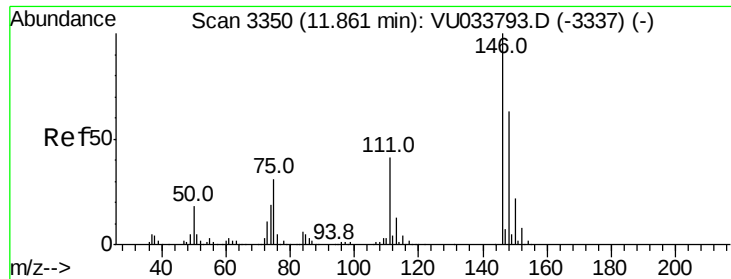


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

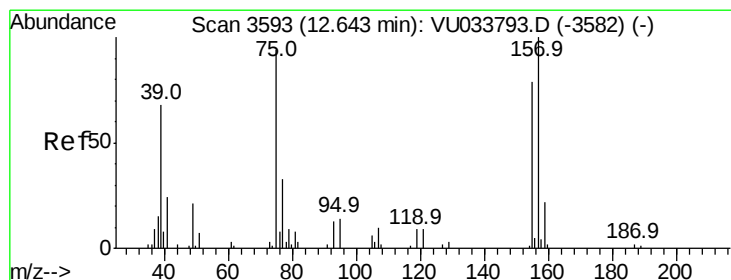
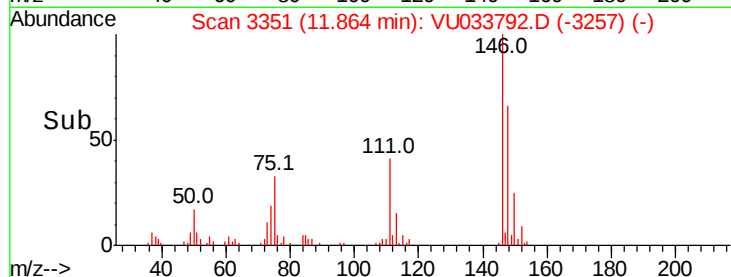
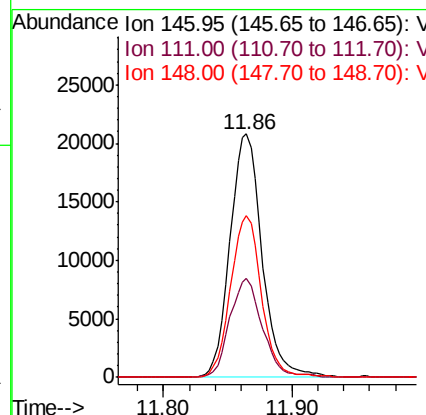
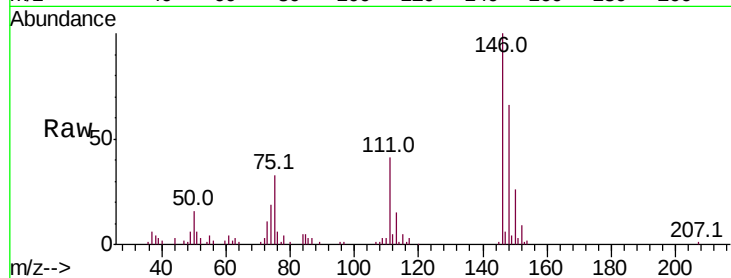
Ion 148.00 (147.70 to 148.70): V





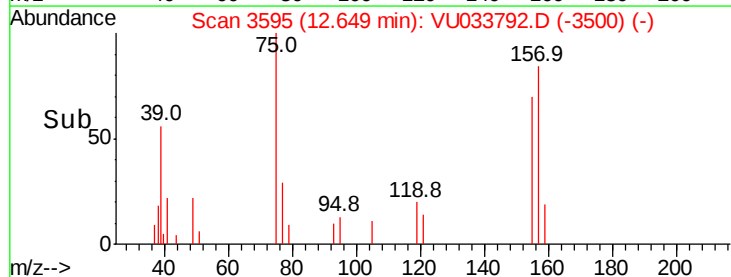
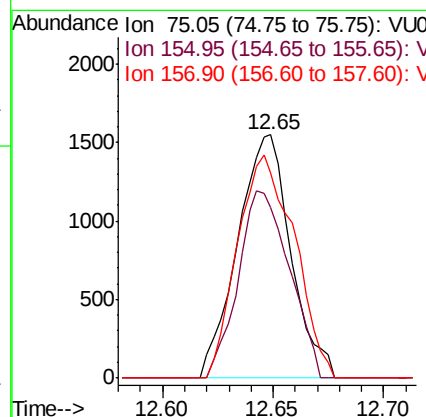
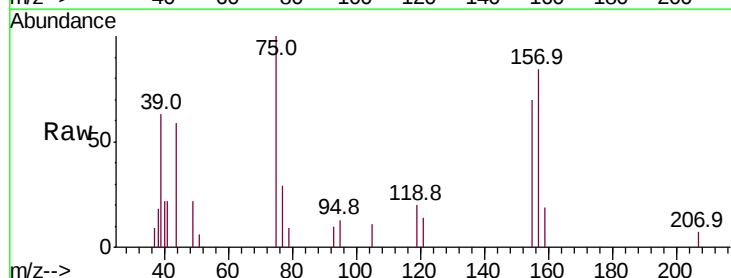
#67
 1,2-Dichlorobenzene
 Concen: 1.098 ug/L
 RT: 11.86 min Scan# 3351
 Delta R.T. 0.00 min
 Lab File: VU033792.D
 Acq: 14 Aug 2019 10:26

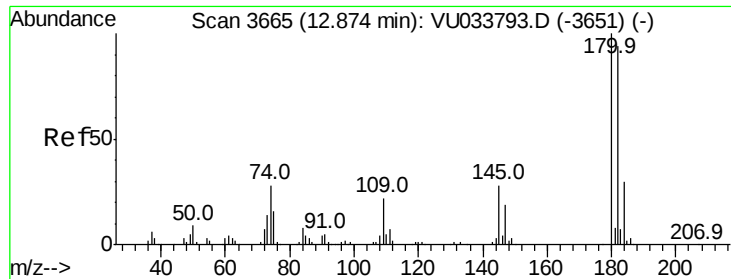
Tot Ion:146 Resp: 36001
 Ion Ratio Lower Upper
 146 100
 111 40.6 32.7 49.1
 148 66.3 50.6 76.0



#68
 1,2-Dibromo-3-chloropropane
 Concen: 1.075 ug/L
 RT: 12.65 min Scan# 3595
 Delta R.T. 0.01 min
 Lab File: VU033792.D
 Acq: 14 Aug 2019 10:26

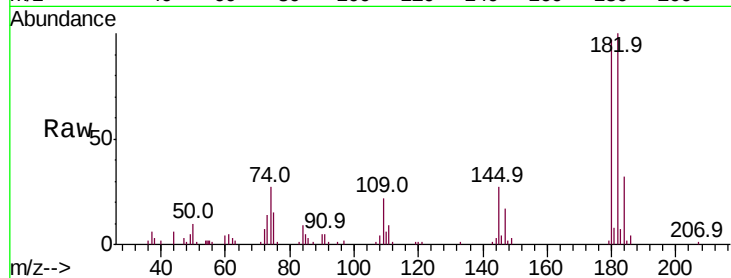
Tgt Ion: 75 Resp: 2594
 Ion Ratio Lower Upper
 75 100
 155 70.1 67.3 100.9
 157 84.2 85.3 127.9#



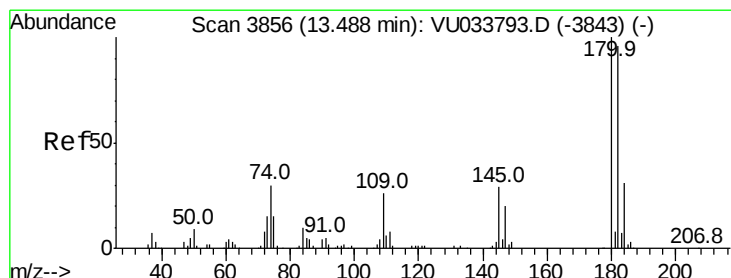
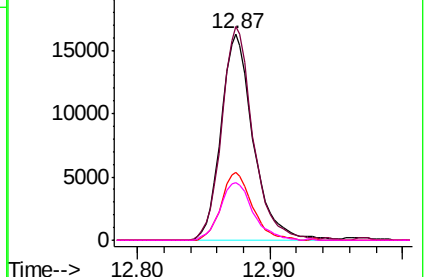
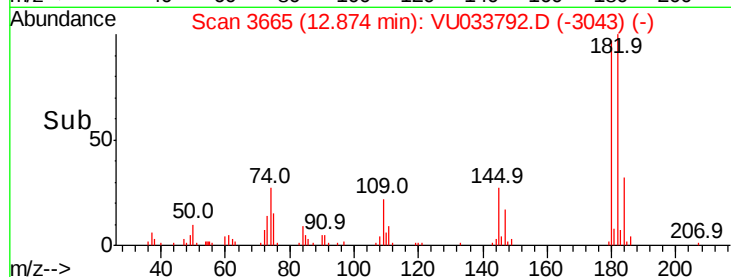


#69
 1,3,5-Trichlorobenzene
 Concen: 1.035 ug/L
 RT: 12.87 min Scan# 3665
 Delta R.T. 0.00 min
 Lab File: VU033792.D
 Acq: 14 Aug 2019 10:26

Tot Ion:	180	Resp:	27650
Ion	Ratio	Lower	Upper
180	100		
182	100.4	76.6	114.8
184	31.4	24.4	36.6
145	28.4	23.3	34.9

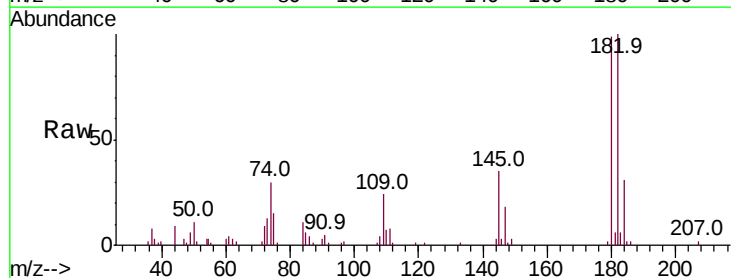


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

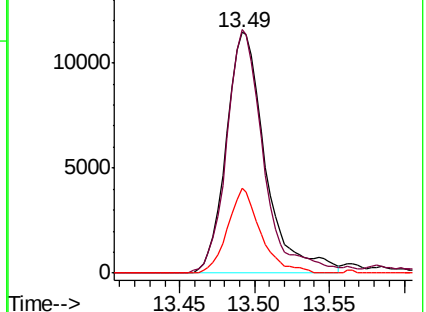
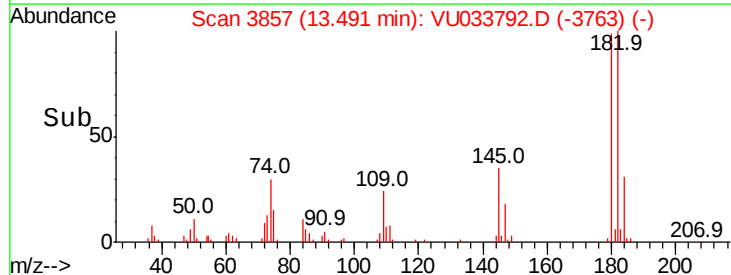


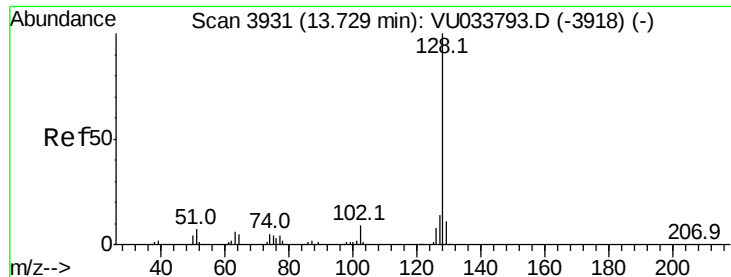
#70
 1,2,4-trichlorobenzene
 Concen: 1.007 ug/L
 RT: 13.49 min Scan# 3857
 Delta R.T. 0.00 min
 Lab File: VU033792.D
 Acq: 14 Aug 2019 10:26

Tgt Ion:	180	Resp:	20920
Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.4	116.2
145	29.6	23.5	35.3



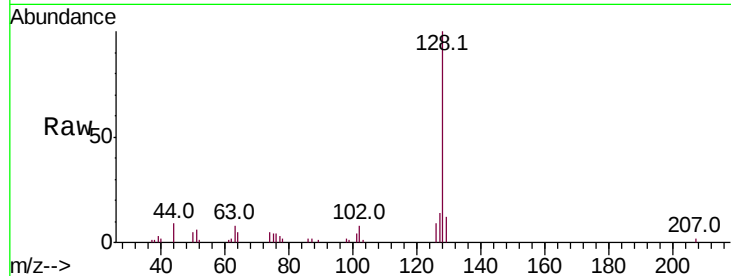
Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V



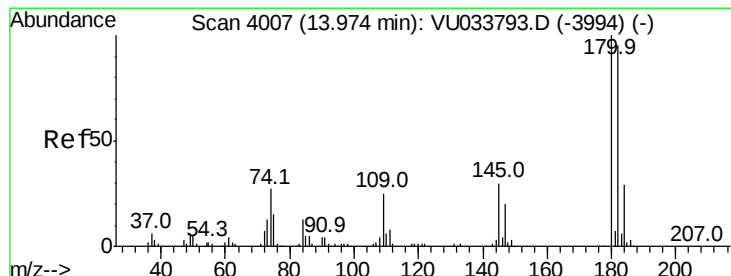
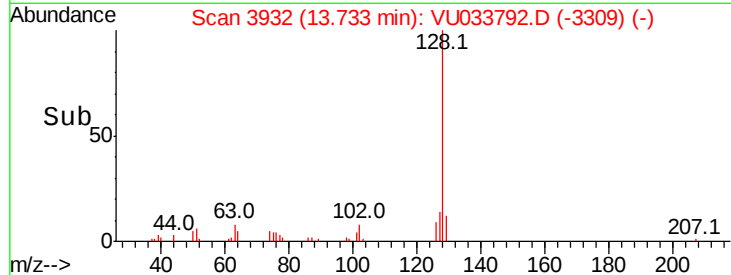
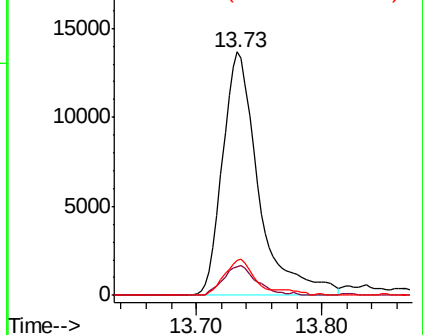


#71
Naphthalene
Concen: 0.854 ug/L
RT: 13.73 min Scan# 3932
Delta R.T. 0.00 min
Lab File: VU033792.D
Acq: 14 Aug 2019 10:26

Tot Ion:128 Resp: 27339
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 12.1 11.2 16.8

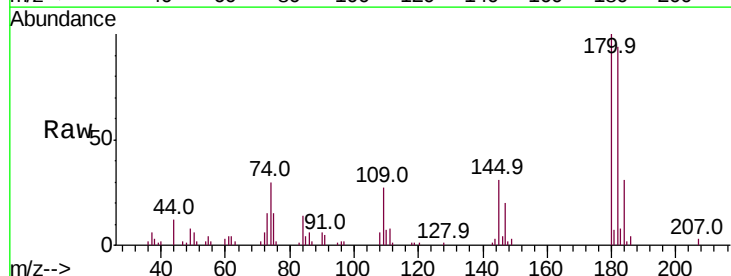


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#72
1,2,3-Trichlorobenzene
Concen: 0.966 ug/L
RT: 13.98 min Scan# 4008
Delta R.T. 0.00 min
Lab File: VU033792.D
Acq: 14 Aug 2019 10:26

Tgt Ion:180 Resp: 18926
Ion Ratio Lower Upper
180 100
182 99.2 75.7 113.5
145 28.8 24.3 36.5



Abundance Ion 179.90 (179.60 to 180.60): V
Ion 181.90 (181.60 to 182.60): V
Ion 144.95 (144.65 to 145.65): V

